

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064133.D
 Acq On : 14 Oct 2020 23:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:38 PM

Quant Time: Oct 15 07:48:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	349943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	593887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	571907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	274752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242179	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	7.55	113	189478	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.06	98	708088	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
62) 4-Bromofluorobenzene	12.38	95	247787	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	155847	47.268	ug/l	98
3) Chloromethane	2.04	50	199879	48.672	ug/l	99
4) Vinyl Chloride	2.16	62	244297	47.792	ug/l	97
5) Bromomethane	2.52	94	201085	52.420	ug/l	98
6) Chloroethane	2.67	64	196736	48.410	ug/l	97
7) Trichlorofluoromethane	2.98	101	343322	48.832	ug/l	96
8) Diethyl Ether	3.37	74	112466	51.130	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	159397	46.184	ug/l	99
10) Methyl Iodide	3.91	142	233333	47.954	ug/l	100
11) Tert butyl alcohol	4.73	59	167557	303.636	ug/l	99
12) 1,1-Dichloroethene	3.69	96	162747	46.694	ug/l	96
13) Acrolein	3.57	56	91530	201.936	ug/l	97
14) Allyl chloride	4.28	41	267457	49.181	ug/l	99
15) Acrylonitrile	4.93	53	437500	276.119	ug/l	99
16) Acetone	3.77	43	407071	275.362	ug/l	97
17) Carbon Disulfide	4.01	76	465151	46.693	ug/l	99
18) Methyl Acetate	4.27	43	199791	53.876	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	544186	52.934	ug/l	98
20) Methylene Chloride	4.50	84	212592	46.475	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	192029	48.596	ug/l	99
22) Diisopropyl ether	5.90	45	564341	53.419	ug/l	94
23) Vinyl Acetate	5.84	43	2656245	281.480	ug/l	99
24) 1,1-Dichloroethane	5.80	63	365331	49.520	ug/l	99
25) 2-Butanone	6.78	43	637148	280.212	ug/l	98
26) 2,2-Dichloropropane	6.78	77	280978	45.777	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	229634	49.399	ug/l	100
28) Bromochloromethane	7.15	49	172977	49.226	ug/l #	98
29) Tetrahydrofuran	7.16	42	386378	290.751	ug/l	98
30) Chloroform	7.33	83	396629	50.465	ug/l	100
31) Cyclohexane	7.61	56	238791	43.341	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	337380	49.677	ug/l	99
36) 1,1-Dichloropropene	7.75	75	267558	46.741	ug/l	99
37) Ethyl Acetate	6.88	43	280731	55.261	ug/l	100
38) Carbon Tetrachloride	7.73	117	289430	47.021	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221703	46.069	ug/l	99
40) Benzene	8.00	78	852929	49.203	ug/l	98
41) Methacrylonitrile	7.13	41	115771	52.637	ug/l	96
42) 1,2-Dichloroethane	8.08	62	317278	51.440	ug/l	100
43) Isopropyl Acetate	8.13	43	452802	53.712	ug/l	99
44) Trichloroethene	8.80	130	217903	47.804	ug/l	96
45) 1,2-Dichloropropane	9.08	63	225842	49.726	ug/l	100
46) Dibromomethane	9.17	93	161771	50.205	ug/l	99
47) Bromodichloromethane	9.37	83	323484	51.312	ug/l	99
48) Methyl methacrylate	9.17	41	218835	56.198	ug/l	99
49) 1,4-Dioxane	9.17	88	73174	1237.513	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1435977	287.865	ug/l	100
52) Toluene	10.13	92	531115	49.864	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	336315	51.994	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	355288	49.989	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	228561	51.798	ug/l	98
56) Ethyl methacrylate	10.40	69	314382	49.210	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372991	51.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	834213	256.237	ug/l	100
59) 2-Hexanone	10.72	43	1054242	272.777	ug/l	100
60) Dibromochloromethane	10.87	129	254883	51.422	ug/l	99
61) 1,2-Dibromoethane	10.98	107	240809	53.617	ug/l	100
64) Tetrachloroethene	10.60	164	191645	44.446	ug/l	97
65) Chlorobenzene	11.41	112	579420	48.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	227203	49.690	ug/l	99
67) Ethyl Benzene	11.48	91	991411	49.141	ug/l	100
68) m/p-Xylenes	11.59	106	767107	92.405	ug/l	100
69) o-Xylene	11.92	106	372273	46.880	ug/l	97
70) Styrene	11.94	104	635142	46.434	ug/l	99
71) Bromoform	12.10	173	182081	48.154	ug/l #	97
73) Isopropylbenzene	12.22	105	941483	47.307	ug/l	100
74) N-amyl acetate	12.05	43	395297	53.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	331566	48.390	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	294058m	45.620	ug/l	
77) Bromobenzene	12.50	156	258208	47.790	ug/l	99
78) n-propylbenzene	12.57	91	1081312	48.679	ug/l	100
79) 2-Chlorotoluene	12.65	91	663625	46.974	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	789308	49.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	109372	51.840	ug/l	99
82) 4-Chlorotoluene	12.75	91	681051	47.832	ug/l	99
83) tert-Butylbenzene	12.97	119	637755	48.274	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	791526	47.548	ug/l	100
85) sec-Butylbenzene	13.15	105	818181	48.176	ug/l	98
86) p-Isopropyltoluene	13.26	119	753922	46.974	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	437232	48.570	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	432956	47.022	ug/l	99
89) n-Butylbenzene	13.59	91	597522	48.283	ug/l	99
90) Hexachloroethane	13.85	117	128710	45.538	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	437086	48.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65801	49.895	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	193753	44.417	ug/l	98
94) Hexachlorobutadiene	14.98	225	96317	45.125	ug/l	98
95) Naphthalene	15.10	128	604657	45.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	197288	45.272	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

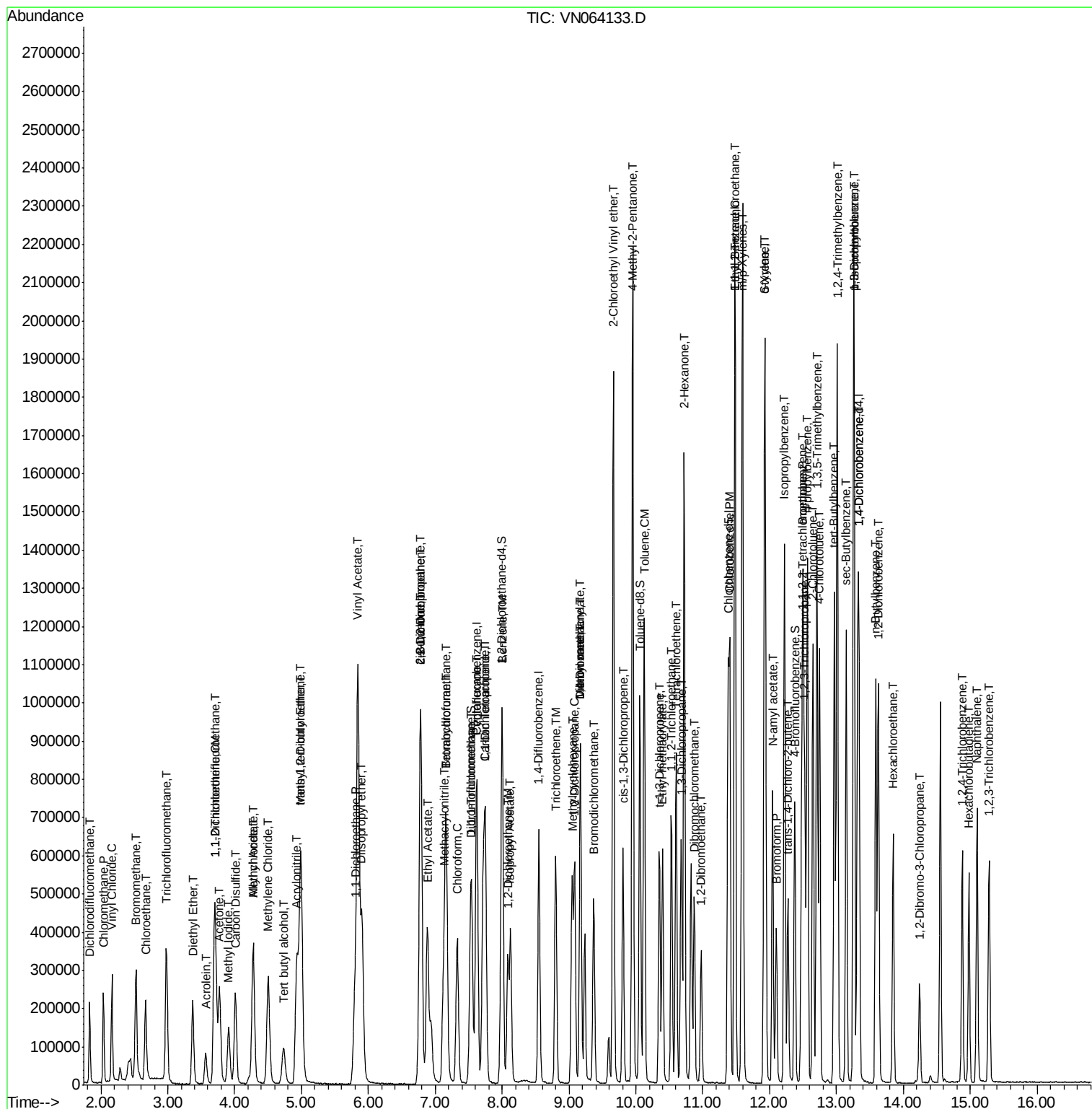
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101420\
Data File : VN064133.D
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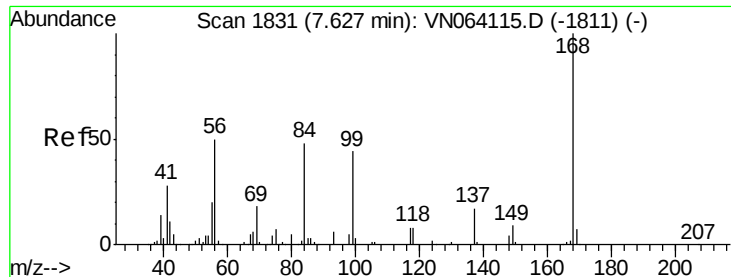
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 349943

Ion Ratio Lower Upper

168 100

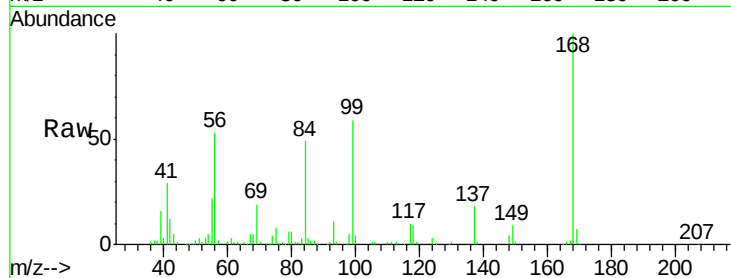
99 58.9 43.6 65.4

Manual Integrations

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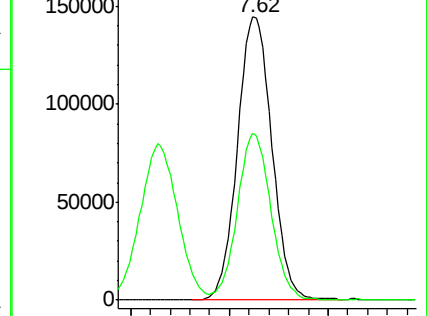
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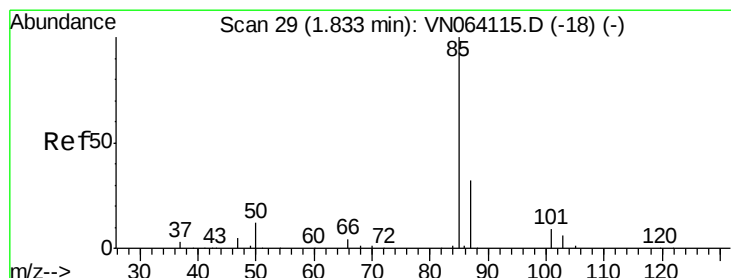
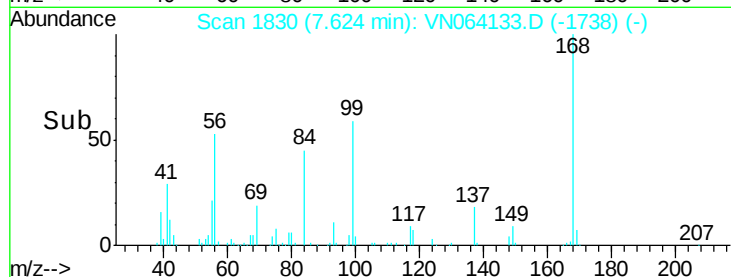


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#2

Dichlorodifluoromethane

Concen: 47.268 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064133.D

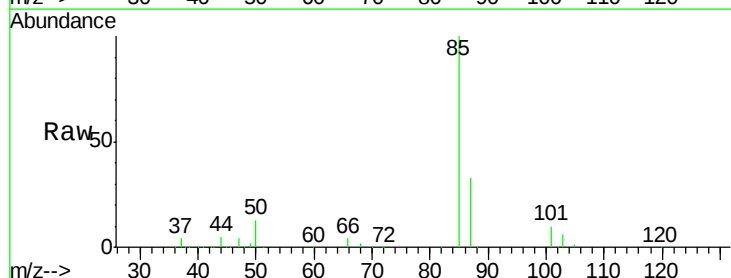
Acq: 14 Oct 2020 23:43

Tgt Ion: 85 Resp: 155847

Ion Ratio Lower Upper

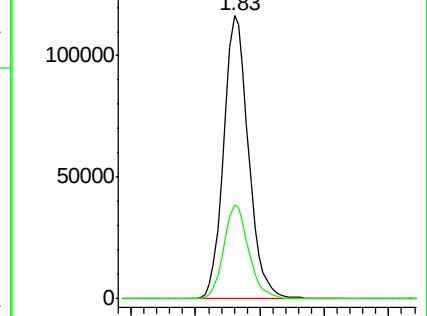
85 100

87 33.1 16.1 48.3

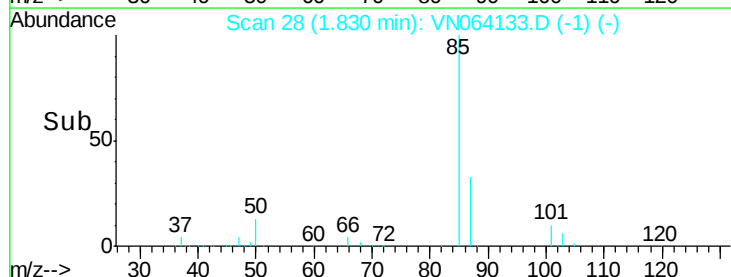


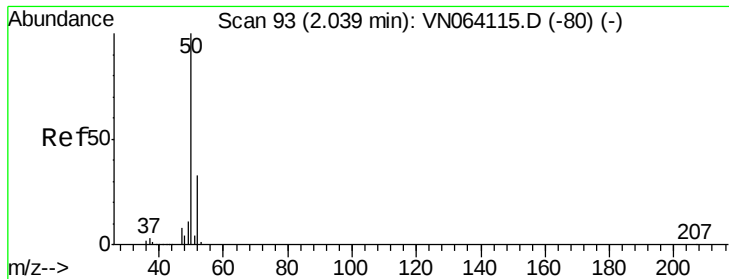
Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO



Time-->





#3

Chloromethane

Concen: 48.672 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 199879

Ion Ratio Lower Upper

50 100

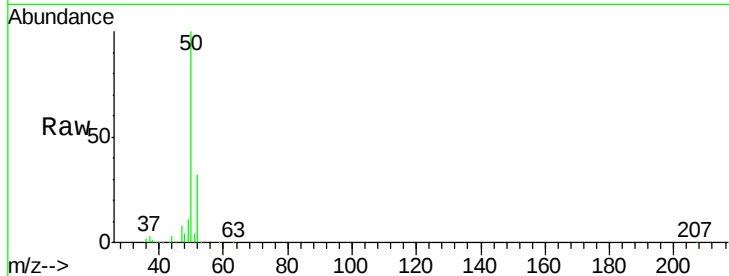
52 32.3 26.1 39.1

Manual Integrations

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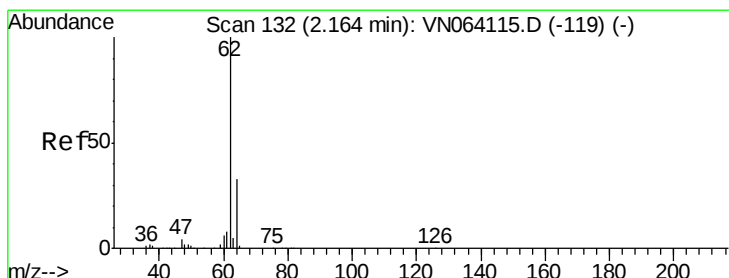
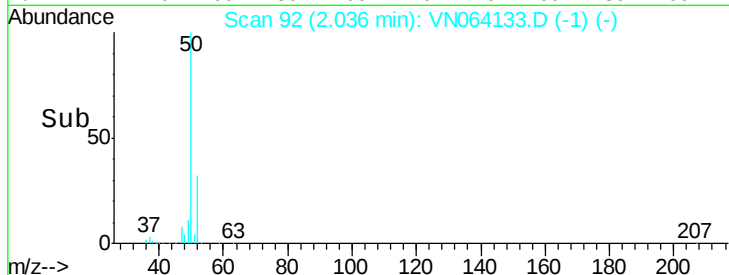
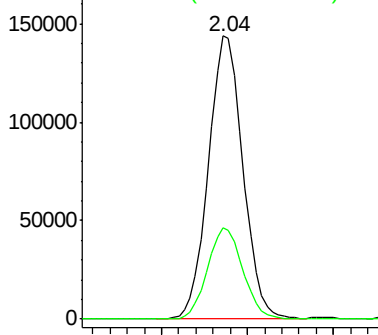
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 47.792 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064133.D

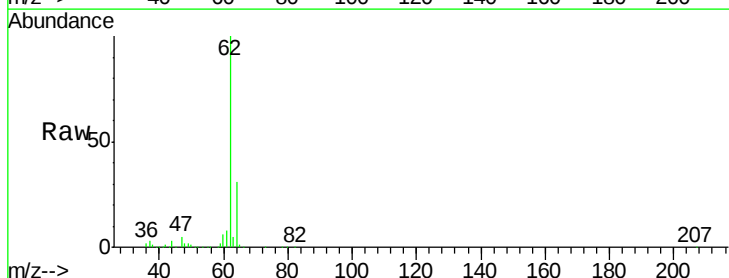
Acq: 14 Oct 2020 23:43

Tgt Ion: 62 Resp: 244297

Ion Ratio Lower Upper

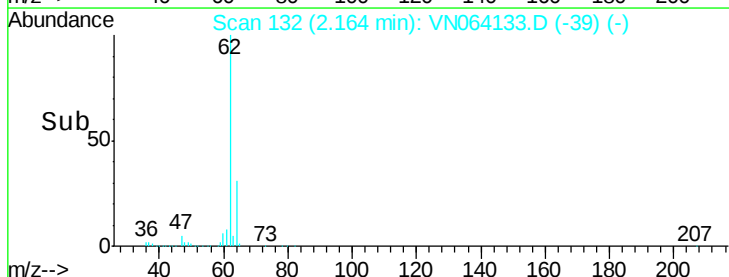
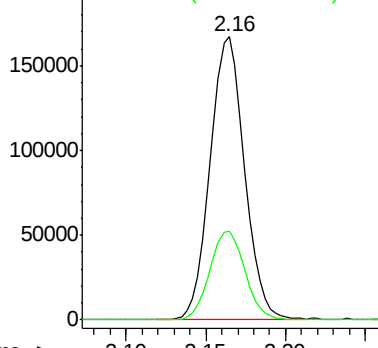
62 100

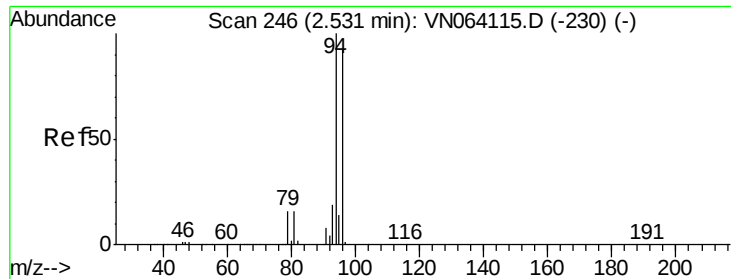
64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 52.420 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

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Acq: 14 Oct 2020 23:43

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Tot Ion: 94 Resp: 201085

Ion Ratio Lower Upper

94 100

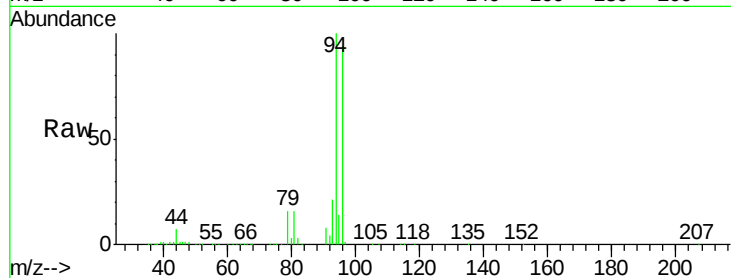
96 93.7 73.5 110.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

120000

100000

80000

60000

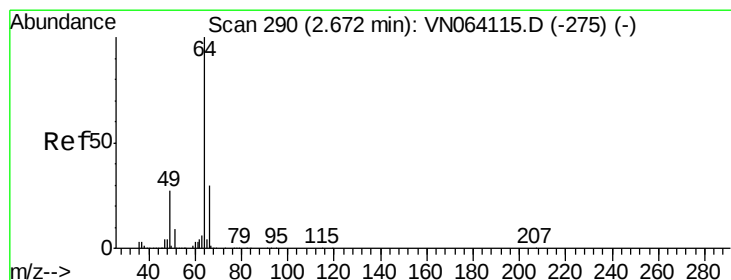
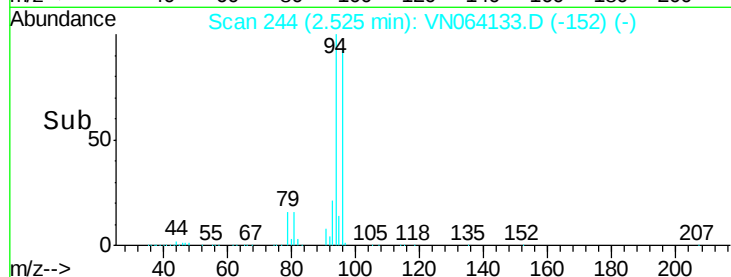
40000

20000

0

Time--> 2.40 2.50 2.60

2.52



#6

Chloroethane

Concen: 48.410 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064133.D

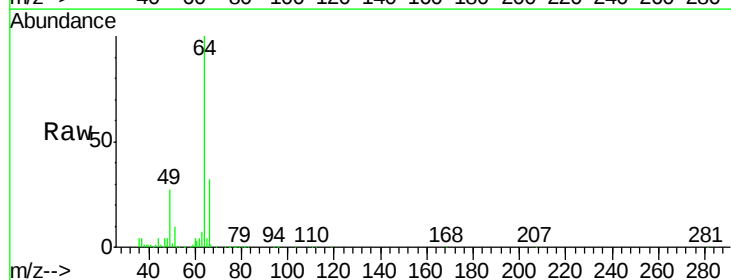
Acq: 14 Oct 2020 23:43

Tgt Ion: 64 Resp: 196736

Ion Ratio Lower Upper

64 100

66 32.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

100000

80000

60000

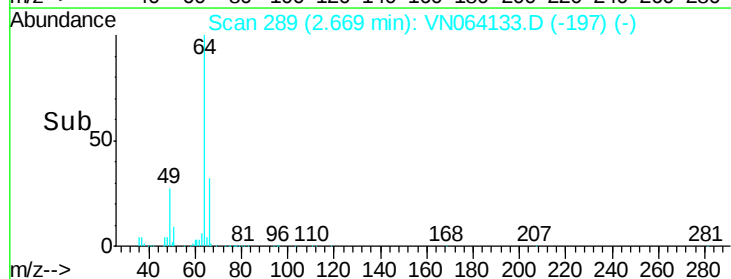
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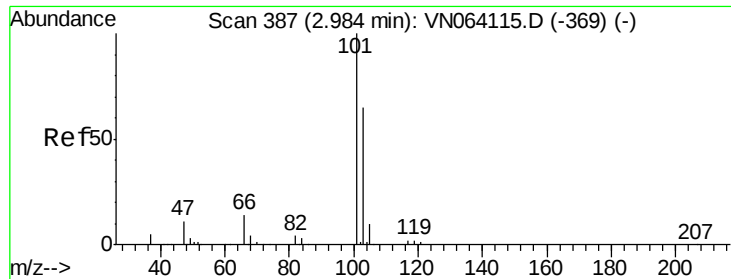
20000

0

Time--> 2.55 2.60 2.65 2.70 2.75

2.67





#7

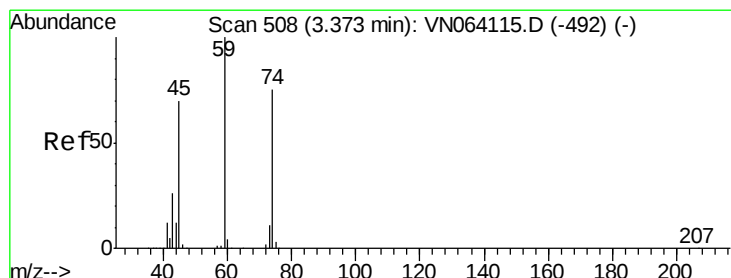
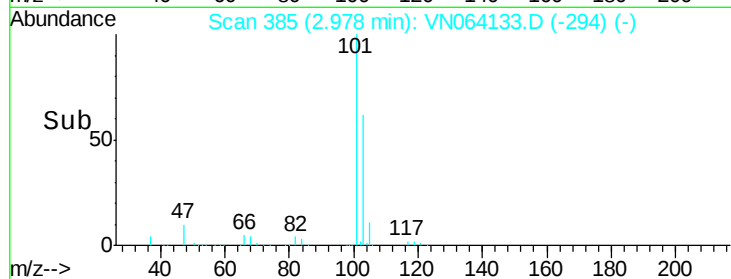
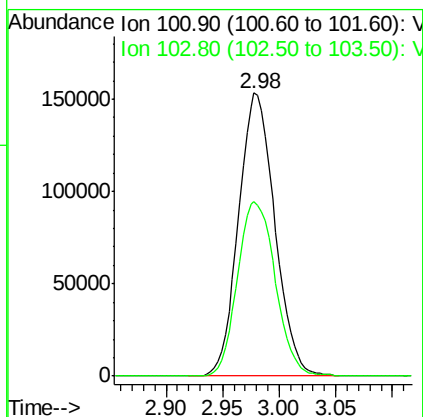
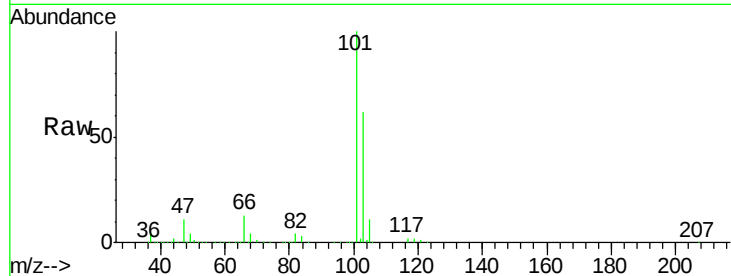
Trichlorofluoromethane
 Concen: 48.832 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	51.8	77.6

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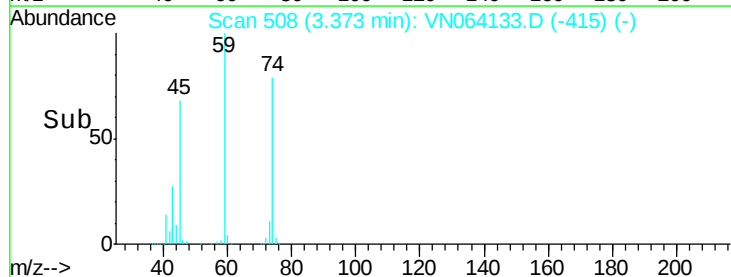
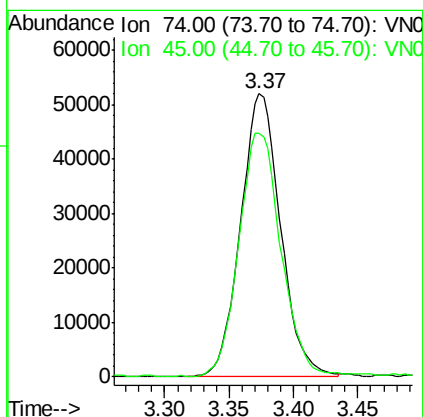
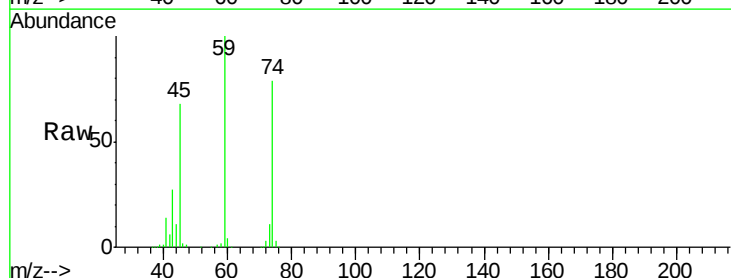
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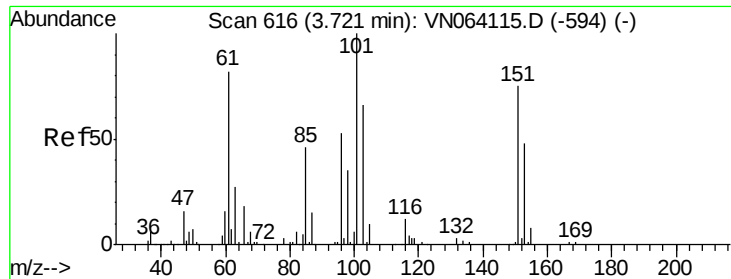


#8

Diethyl Ether
 Concen: 51.130 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	47.0	141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.184 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

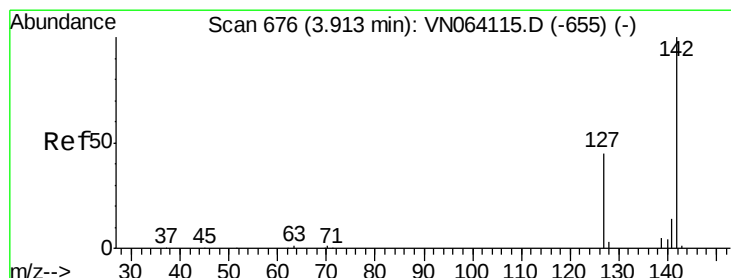
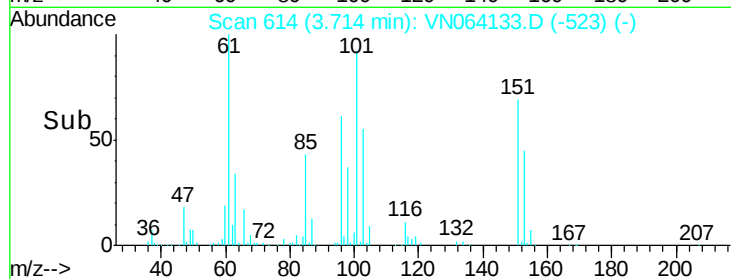
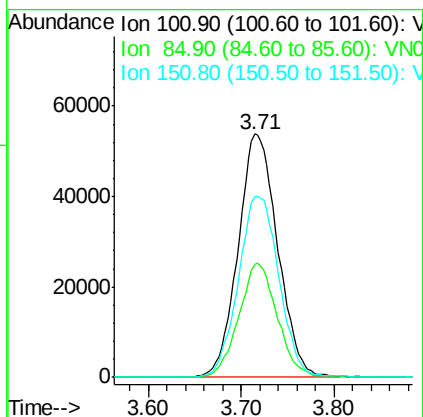
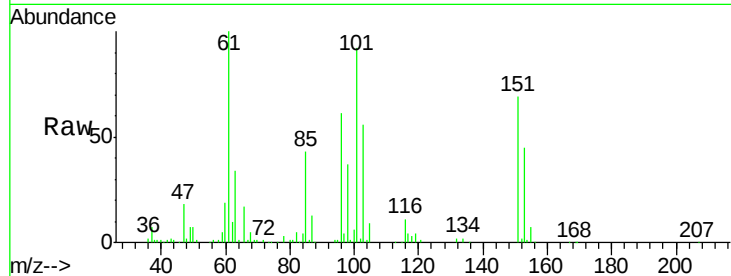
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	159397
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.9	55.3
151	76.3	60.7	91.1

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#10

Methyl Iodide

Concen: 47.954 ug/l

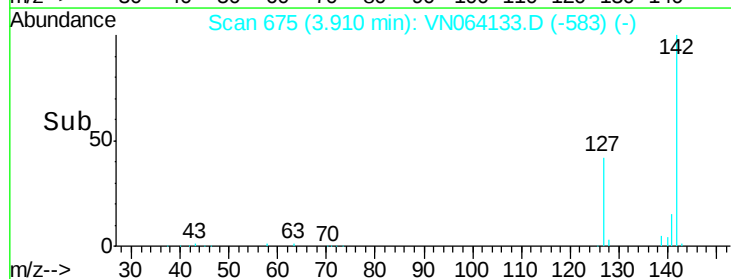
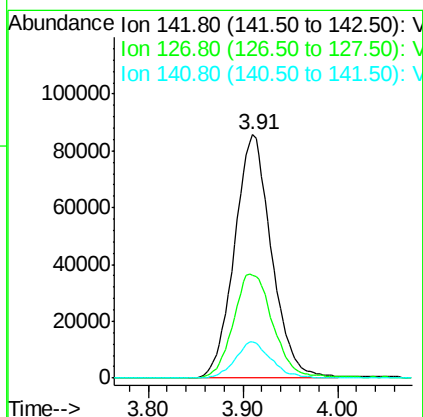
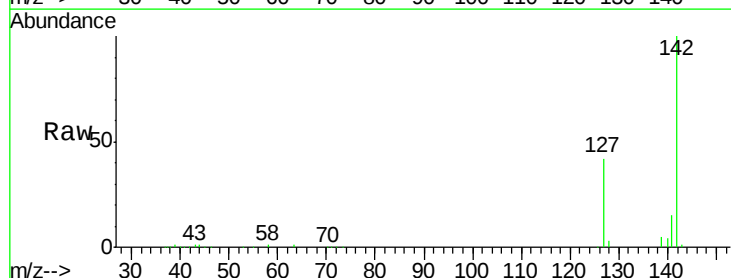
RT: 3.91 min Scan# 675

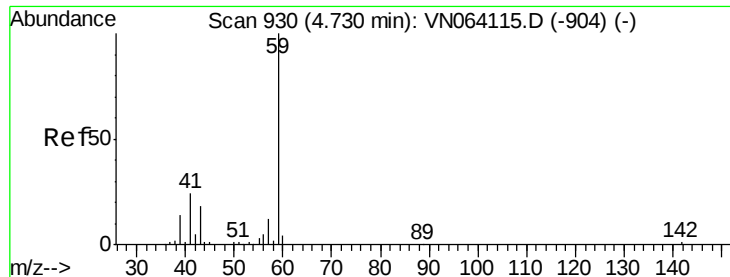
Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	142	Resp:	233333
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.3	54.5
141	14.4	11.6	17.4





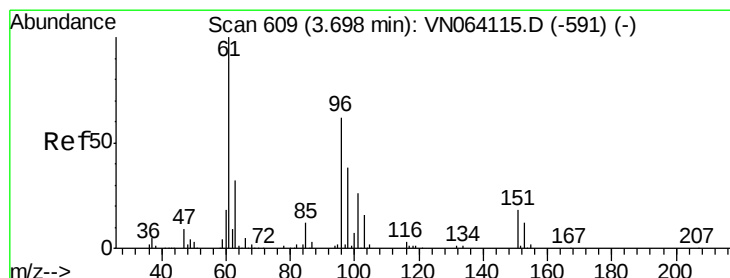
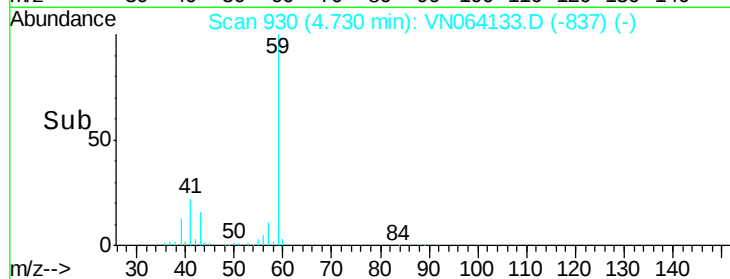
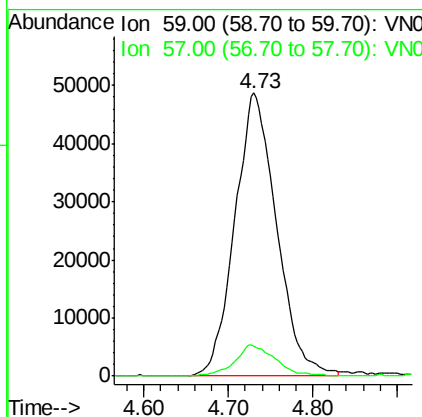
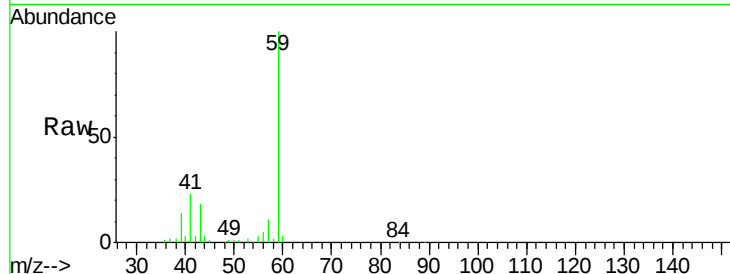
#11
Tert butyl alcohol
Concen: 303.636 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

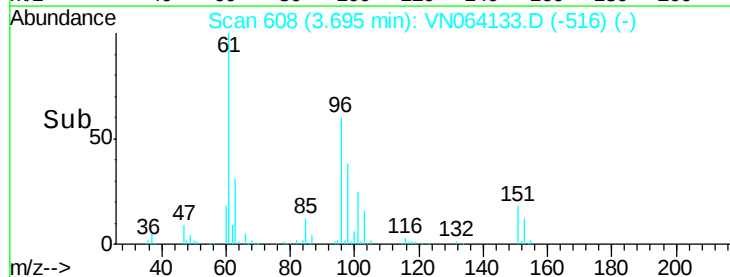
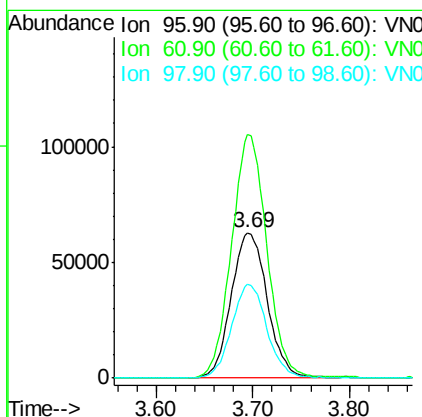
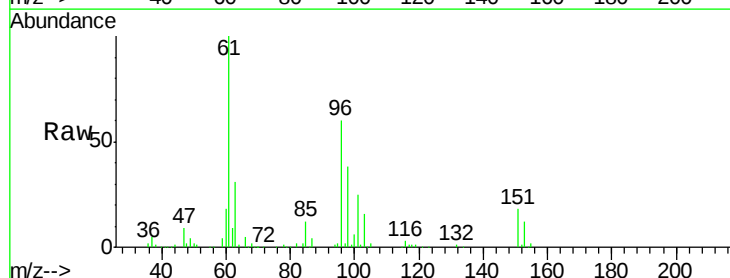
Manual Integrations
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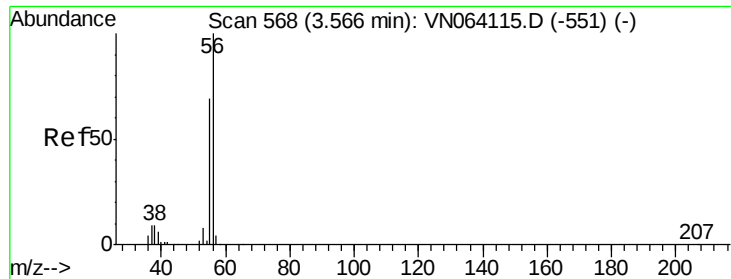
MMDadoda
10/15/2020 12:17:38 PM



#12
1,1-Dichloroethene
Concen: 46.694 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.0	129.9	194.9
98	64.3	48.9	73.3





#13

Acrolein

Concen: 201.936 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 91530

Ion Ratio Lower Upper

56 100

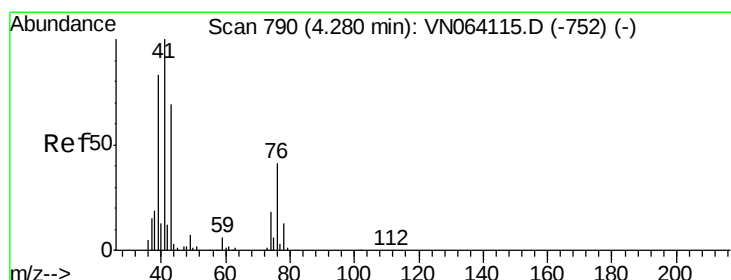
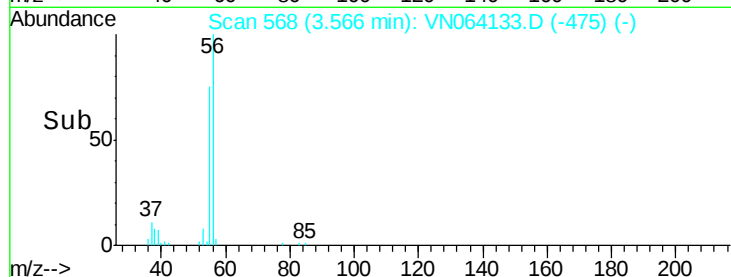
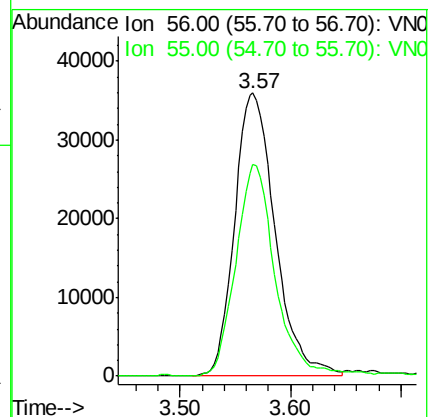
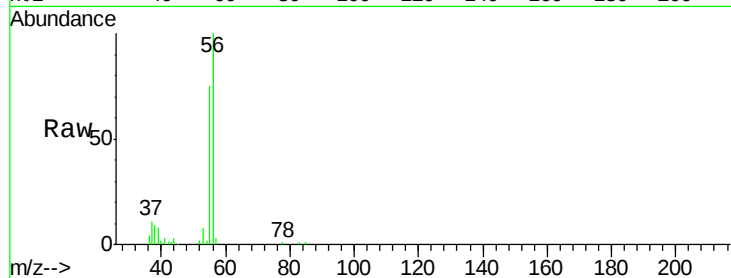
55 72.5 55.8 83.6

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#14

Allyl chloride

Concen: 49.181 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

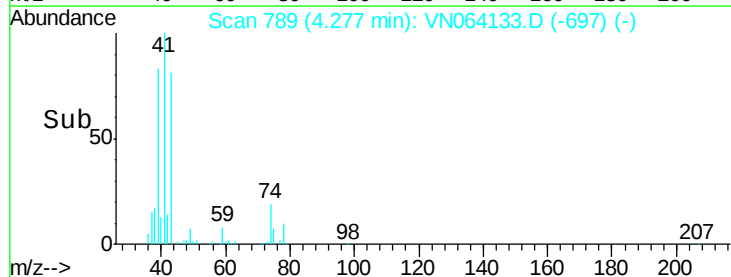
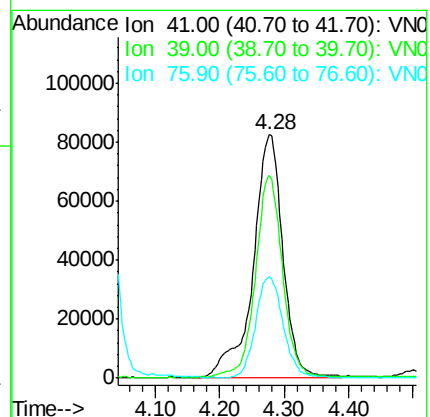
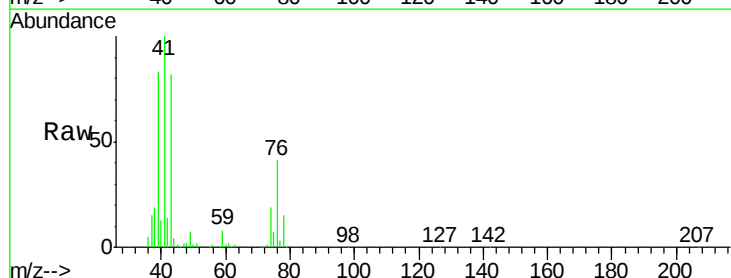
Tgt Ion: 41 Resp: 267457

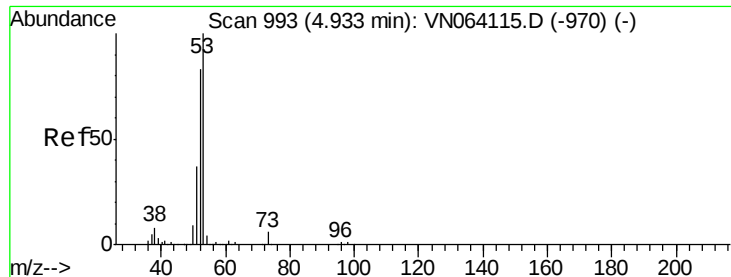
Ion Ratio Lower Upper

41 100

39 74.4 60.5 90.7

76 37.5 29.5 44.3





#15

Acrylonitrile

Concen: 276.119 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

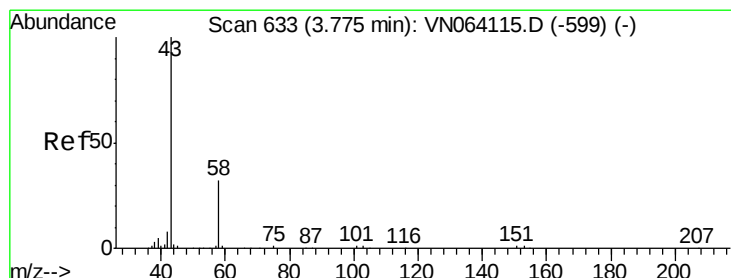
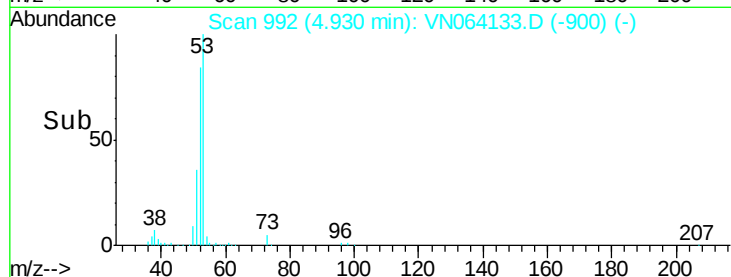
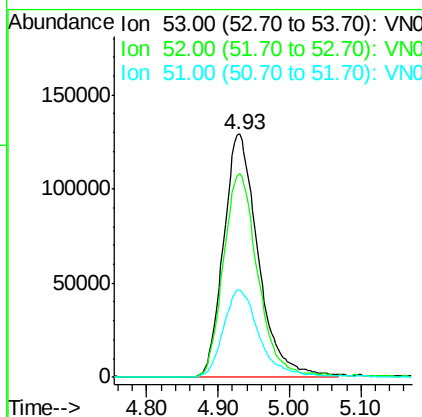
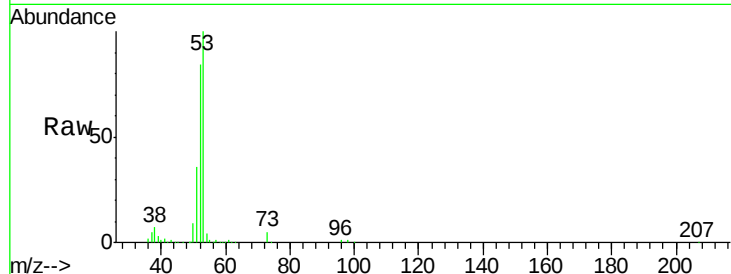
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	437500
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.8	98.6
51	36.8	29.4	44.2

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#16

Acetone

Concen: 275.362 ug/l

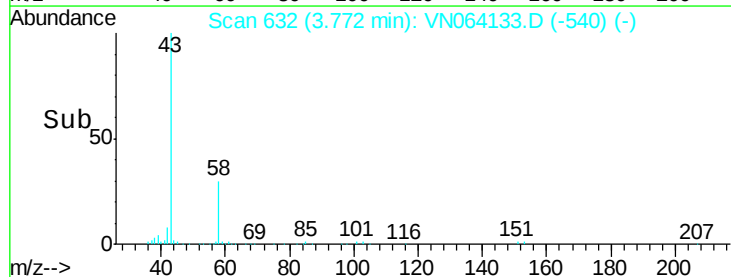
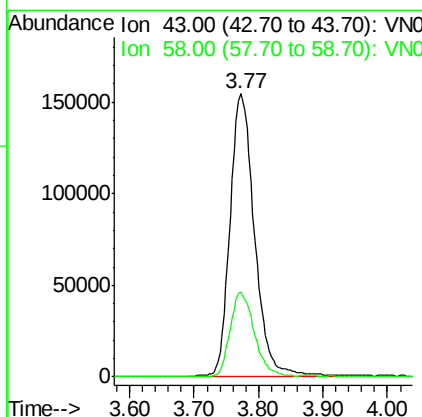
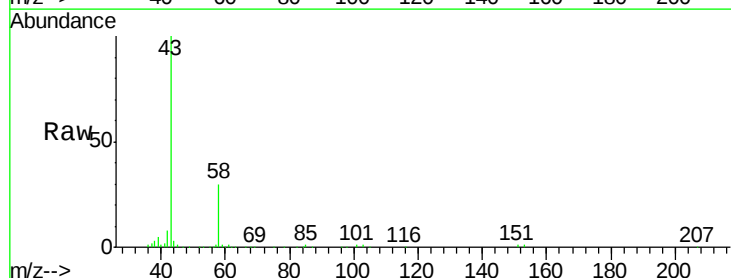
RT: 3.77 min Scan# 632

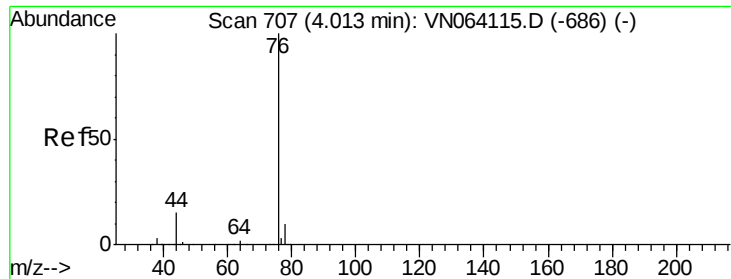
Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	43	Resp:	407071
Ion Ratio	Lower	Upper	
43	100		
58	30.0	25.2	37.8





#17

Carbon Disulfide

Concen: 46.693 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 465151

Ion Ratio Lower Upper

76 100

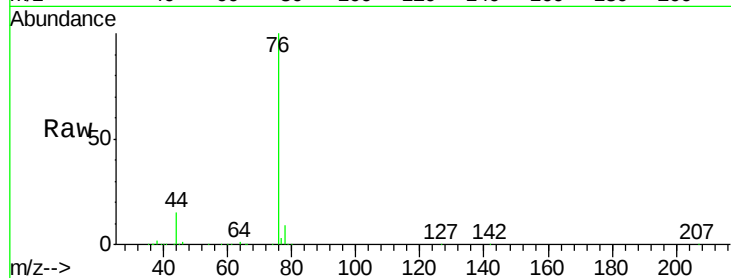
78 9.1 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN064115.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN064115.D (-686) (-)

4.01

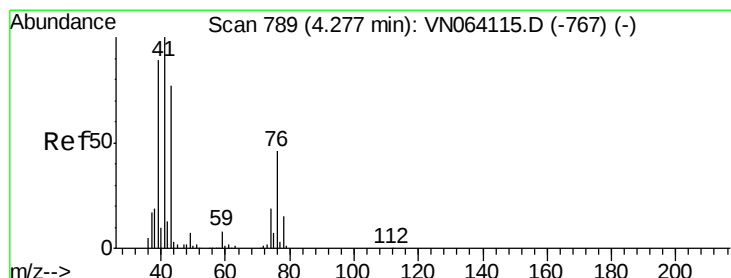
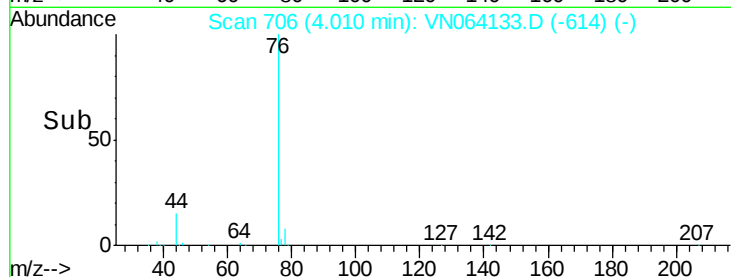
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.876 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064133.D

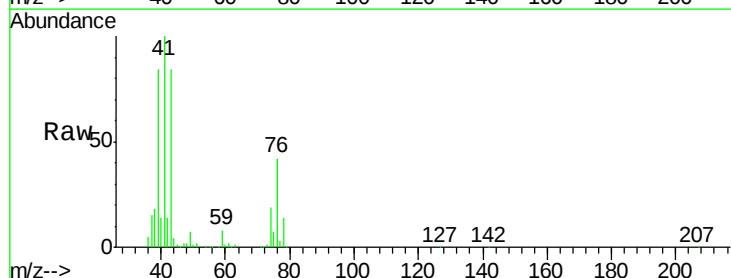
Acq: 14 Oct 2020 23:43

Tgt Ion: 43 Resp: 199791

Ion Ratio Lower Upper

43 100

74 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-767) (-)

Ion 74.00 (73.70 to 74.70): VN064115.D (-767) (-)

4.27

80000

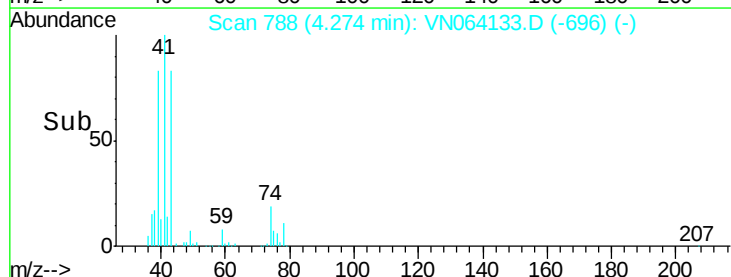
60000

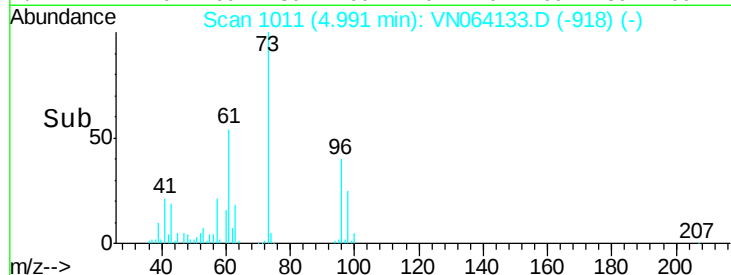
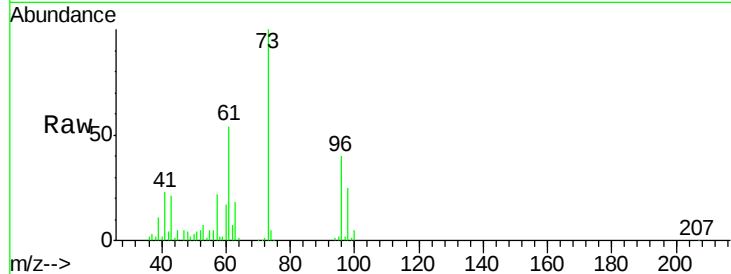
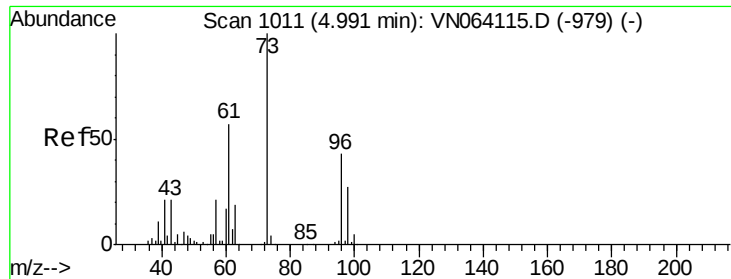
40000

20000

0

Time-->





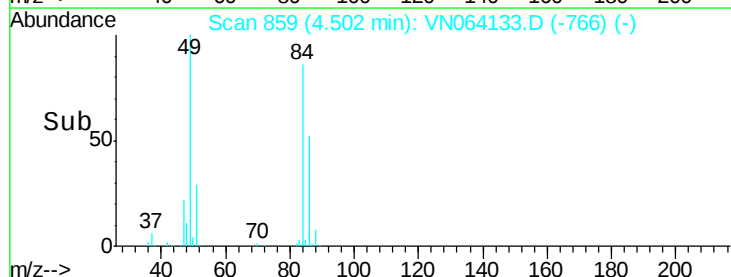
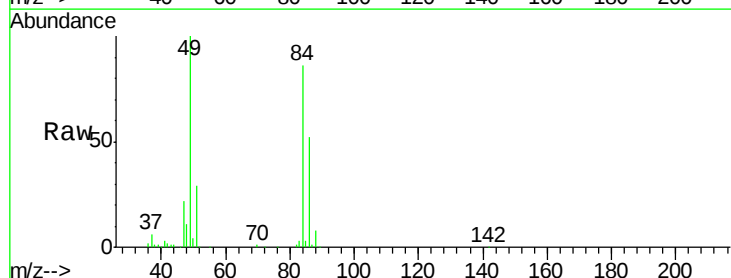
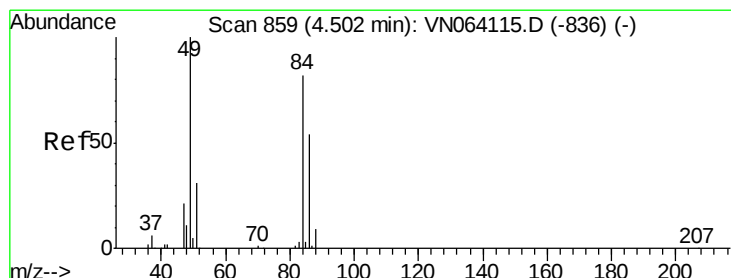
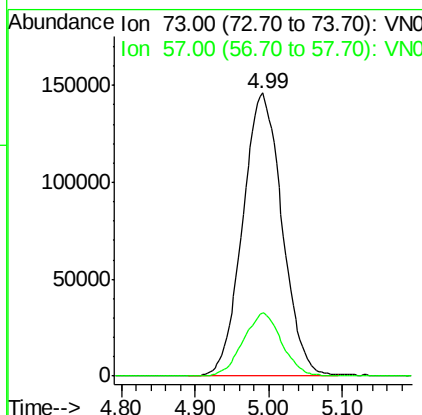
#19
Methvl tert-butvl Ether
Concen: 52.934 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tot Ion: 73 Resp: 544186
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

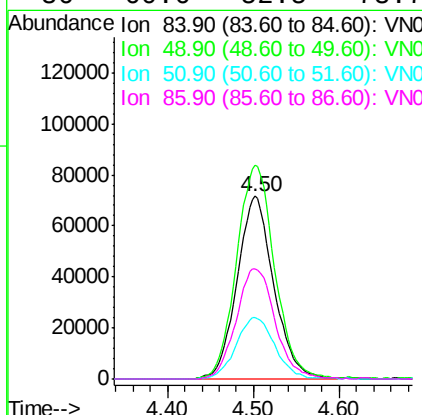
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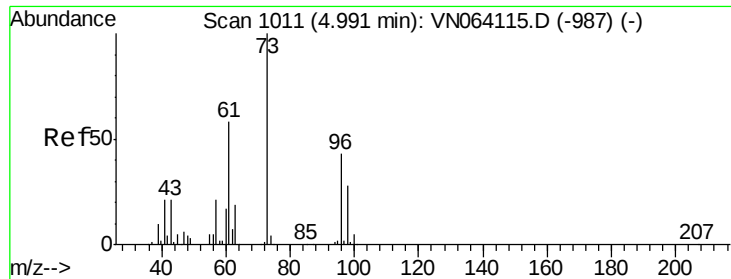
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#20
Methylene Chloride
Concen: 46.475 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 84 Resp: 212592
Ion Ratio Lower Upper
84 100
49 116.9 97.4 146.0
51 33.6 29.7 44.5
86 60.6 52.5 78.7





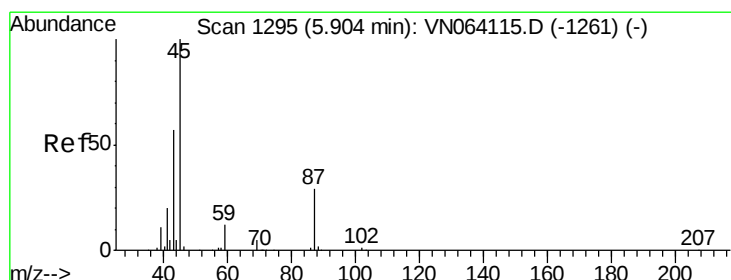
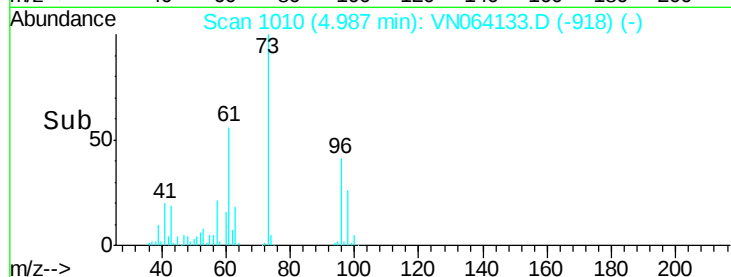
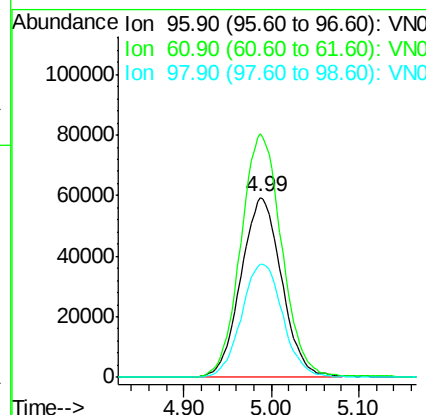
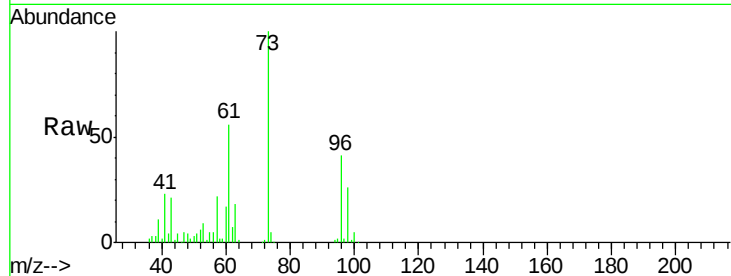
#21
trans-1,2-Dichloroethene
Concen: 48.596 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	107.0	160.4
98	62.6	51.0	76.6

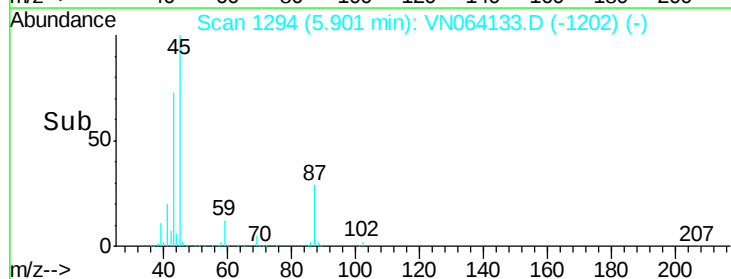
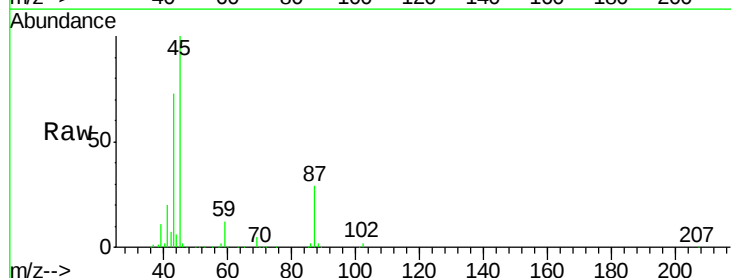
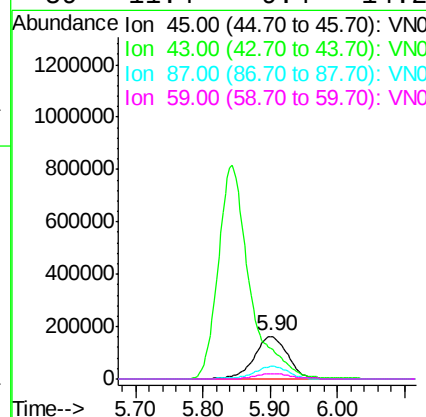
Manual Integrations
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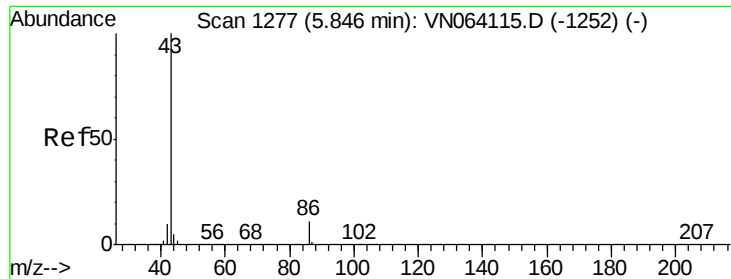
MMDadoda
10/15/2020 12:17:38 PM



#22
Diisopropyl ether
Concen: 53.419 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.0	50.9	76.3
87	29.2	23.5	35.3
59	11.4	9.4	14.2





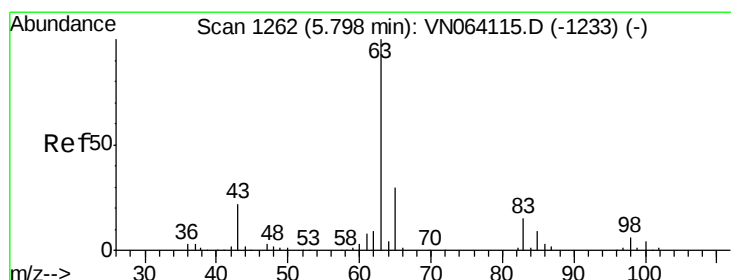
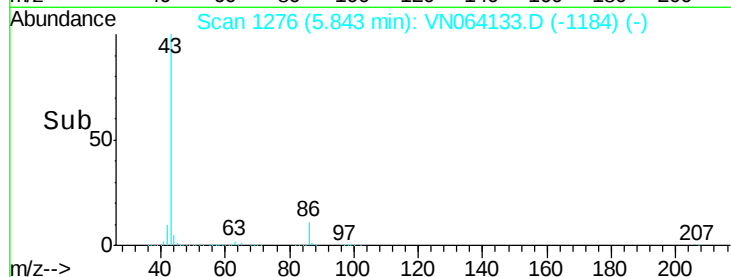
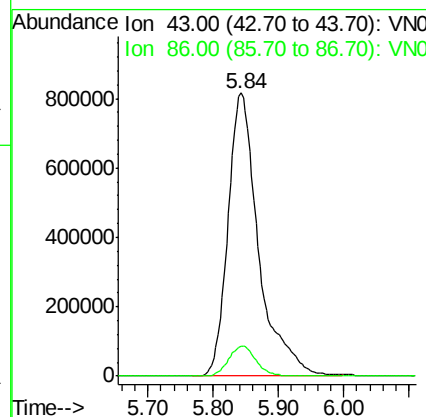
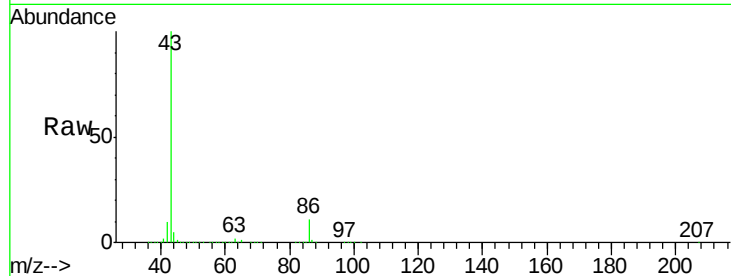
#23
 Vinyl Acetate
 Concen: 281.480 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2656245
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2

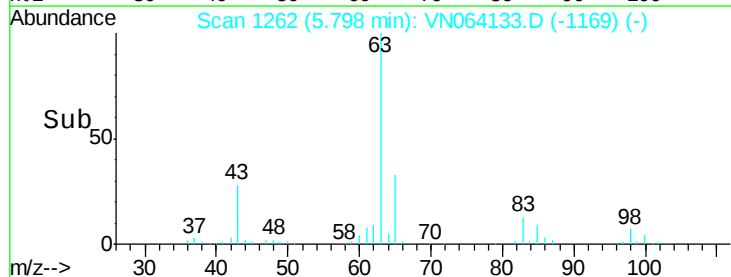
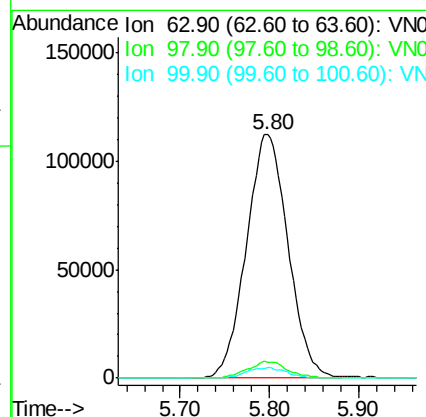
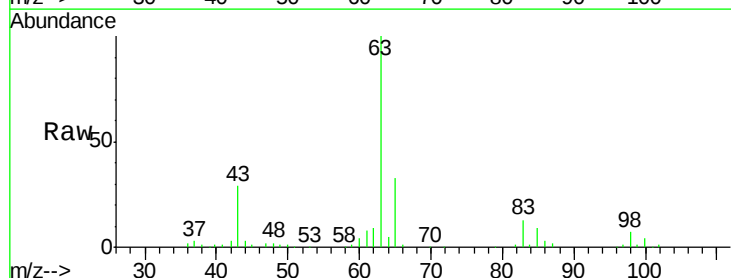
Manual Integrations
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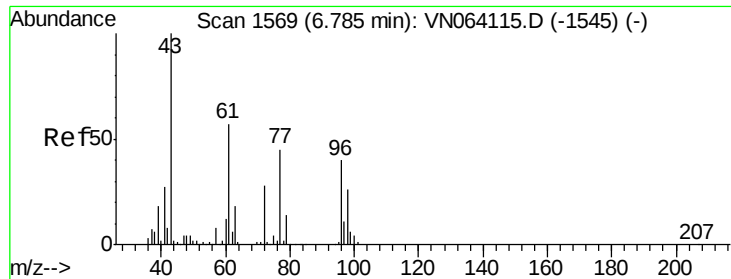
MMDadoda
 10/15/2020 12:17:38 PM



#24
 1,1-Dichloroethane
 Concen: 49.520 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 63 Resp: 365331
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.3
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 280.212 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 637148

Ion Ratio Lower Upper

43 100

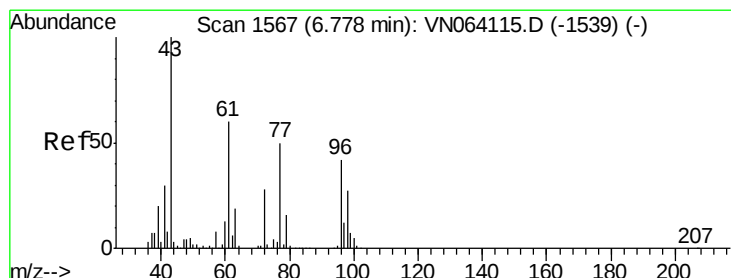
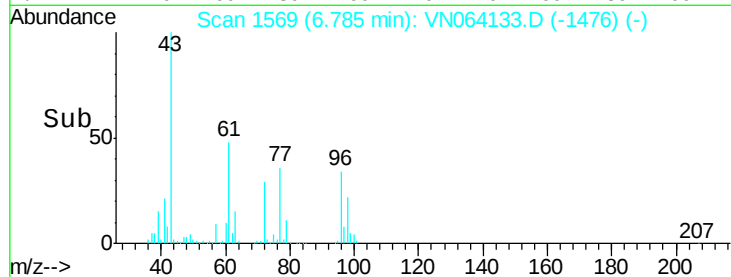
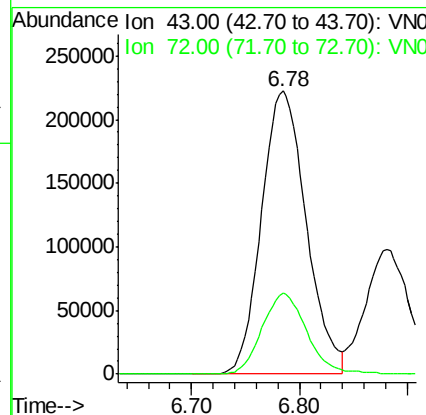
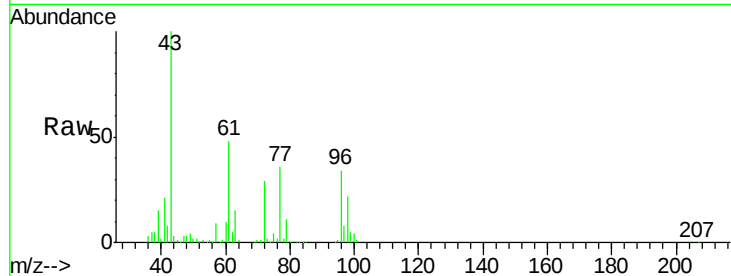
72 28.6 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 45.777 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064133.D

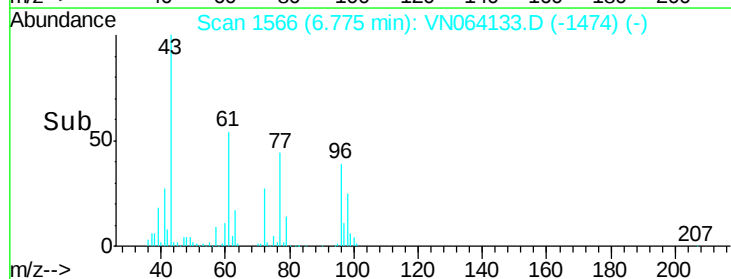
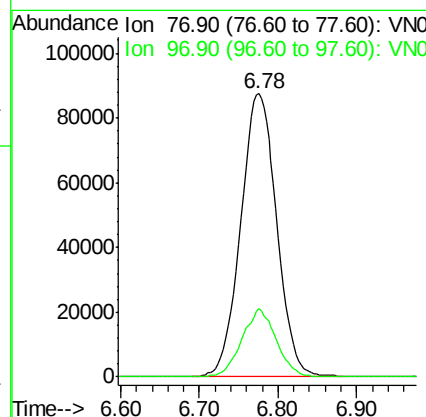
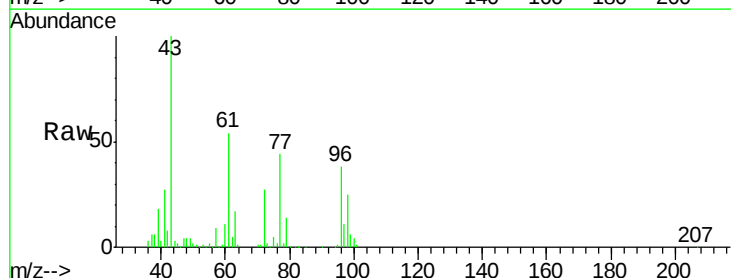
Acq: 14 Oct 2020 23:43

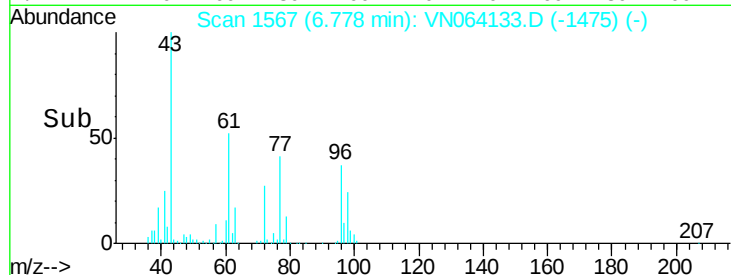
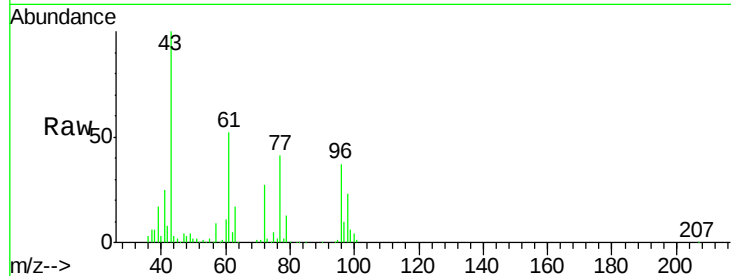
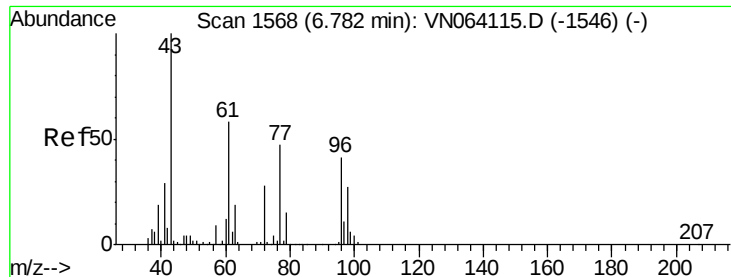
Tgt Ion: 77 Resp: 280978

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.399 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064133.D

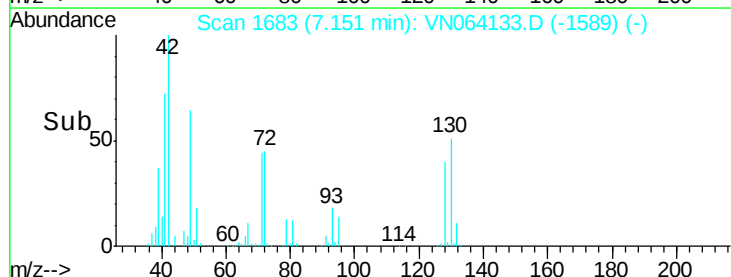
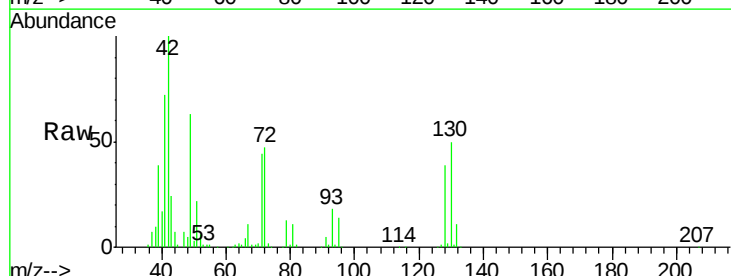
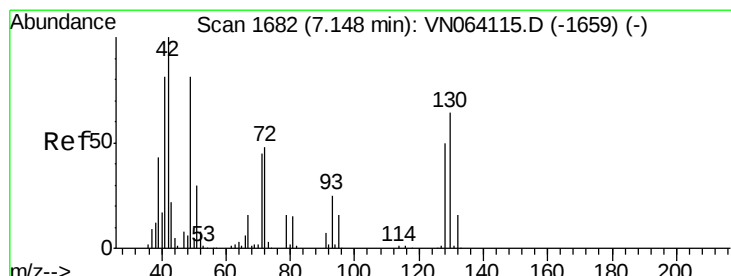
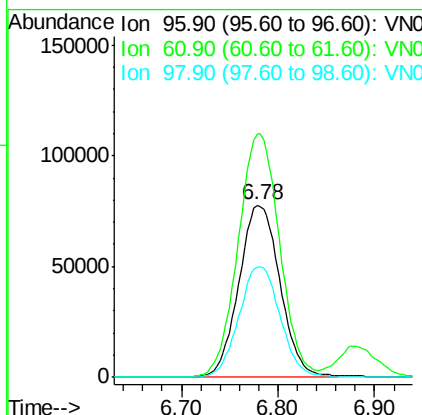
Acq: 14 Oct 2020 23:43

Tot Ion	Ratio	Resp	Lower	Upper
96	100	229634		
61	142.7	0.0	285.6	
98	64.8	0.0	131.0	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 49.226 ug/l

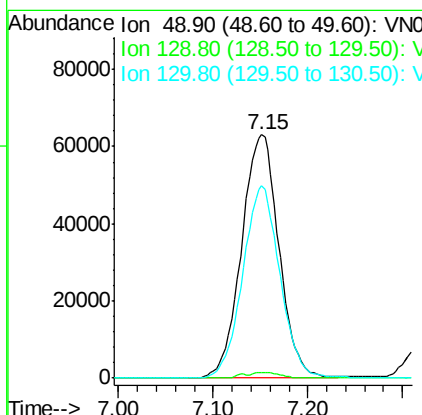
RT: 7.15 min Scan# 1683

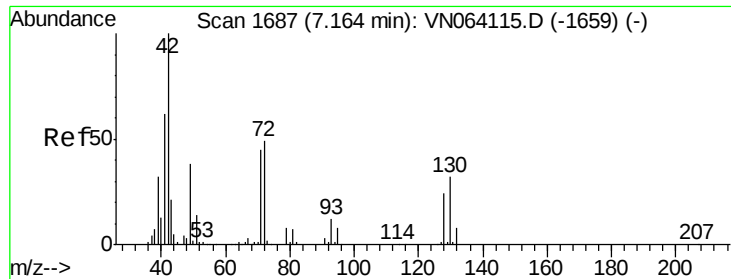
Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172977		
129	1.8	0.0	2.0	
130	78.3	0.0	0.0#	





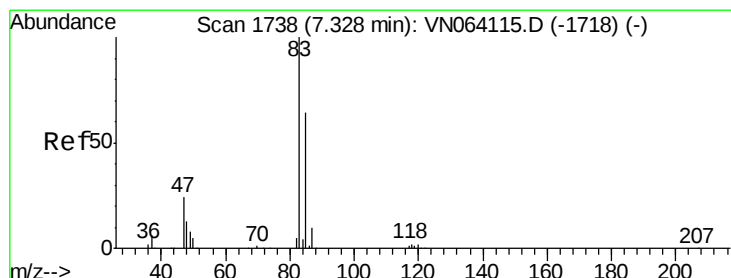
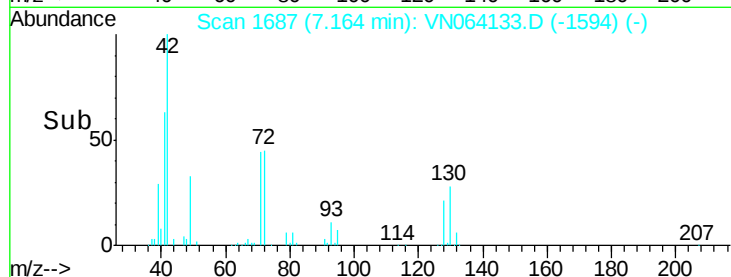
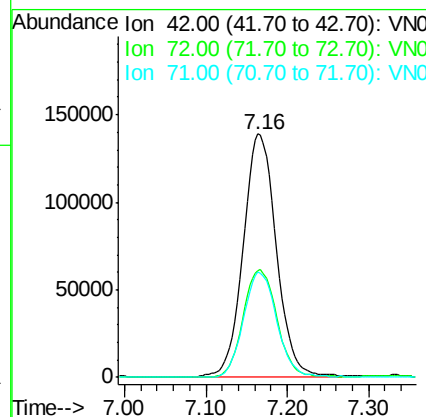
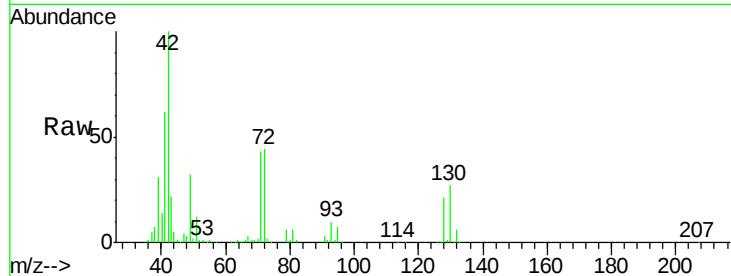
#29
Tetrahydrofuran
Concen: 290.751 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	37.8	56.6
71	43.9	35.3	52.9

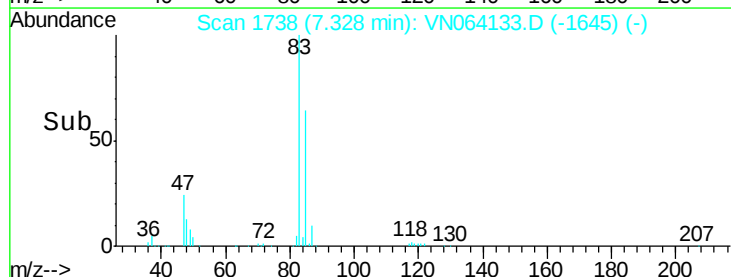
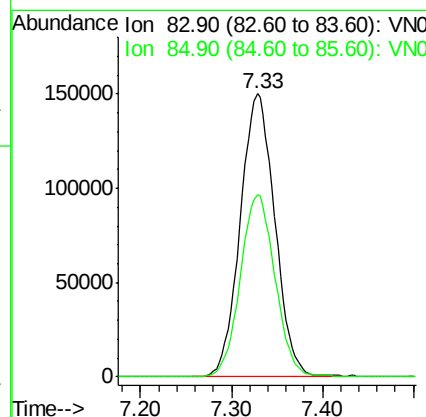
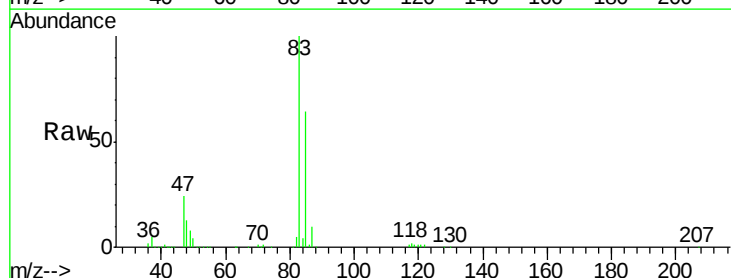
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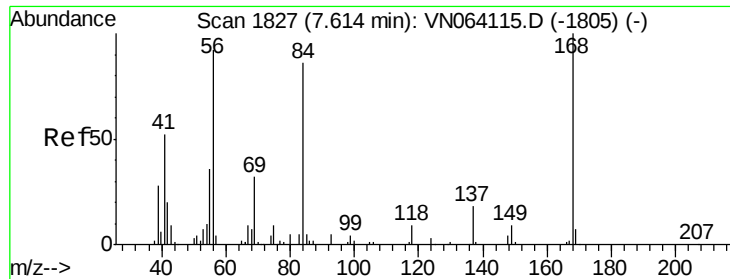
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#30
Chloroform
Concen: 50.465 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





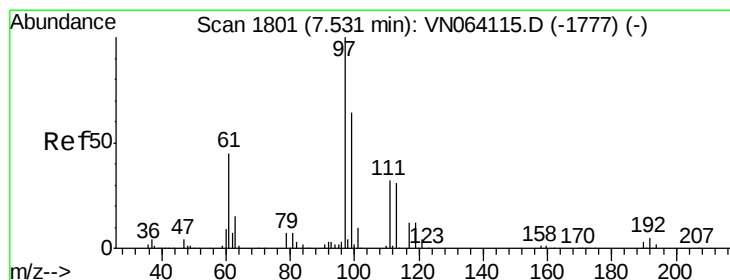
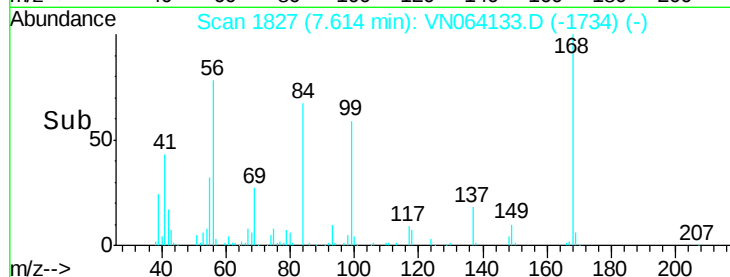
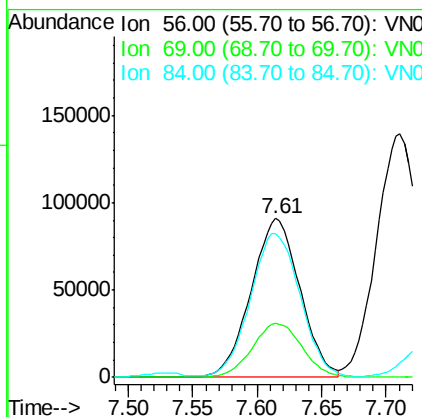
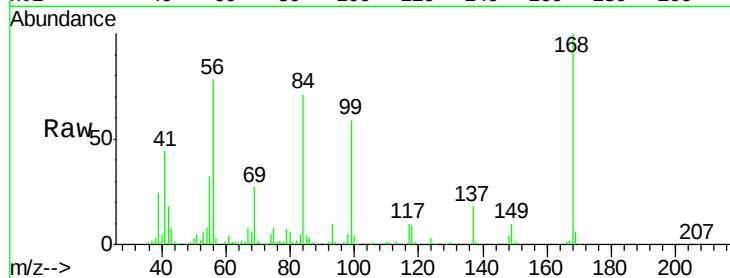
#31
Cyclohexane
Concen: 43.341 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.8	41.6
84	89.6	73.2	109.8

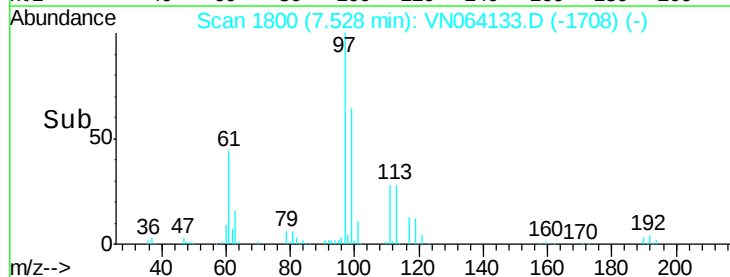
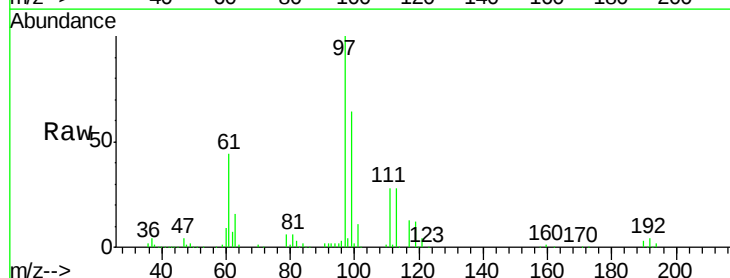
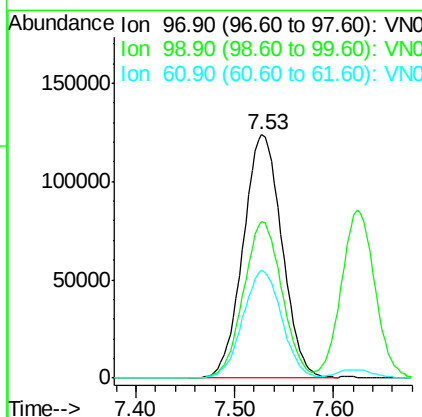
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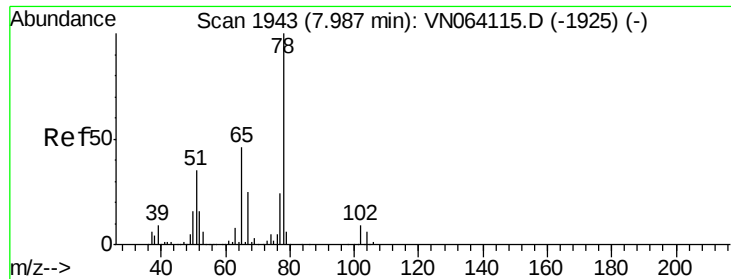
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#32
1,1,1-Trichloroethane
Concen: 49.677 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.2	75.2
61	44.2	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 48.592 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 242179

Ion Ratio Lower Upper

65 100

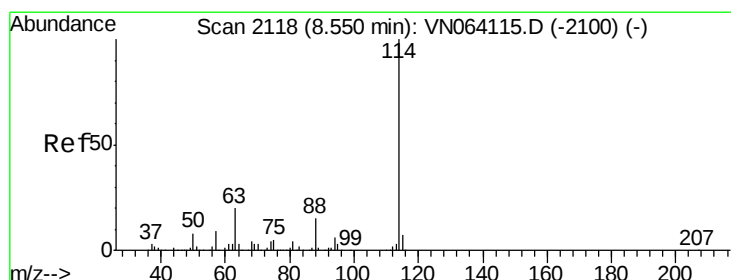
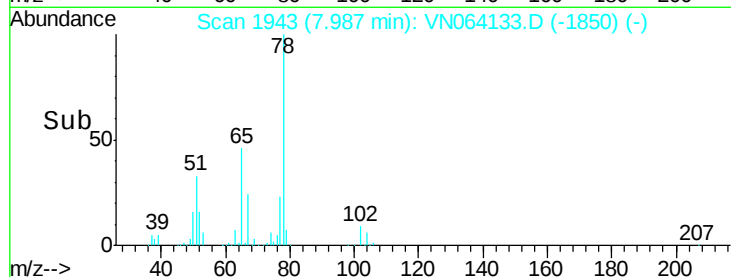
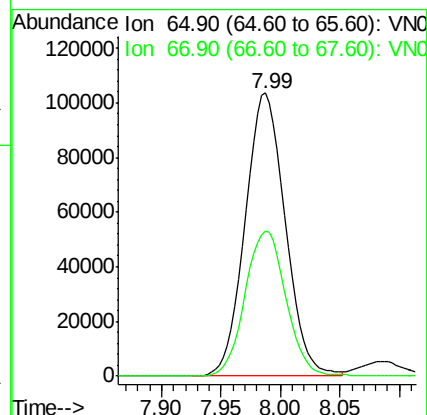
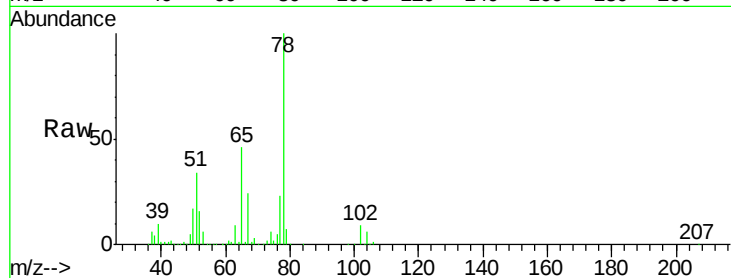
67 51.6 0.0 105.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

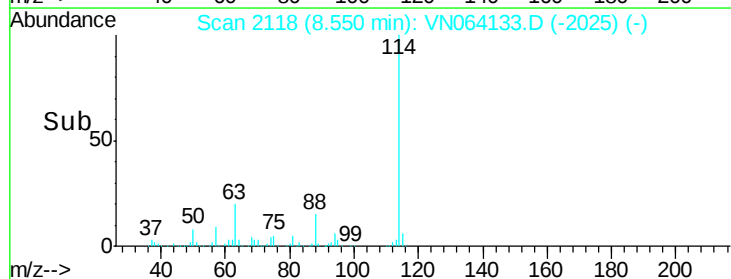
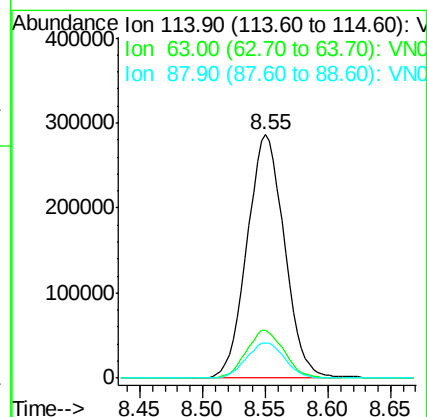
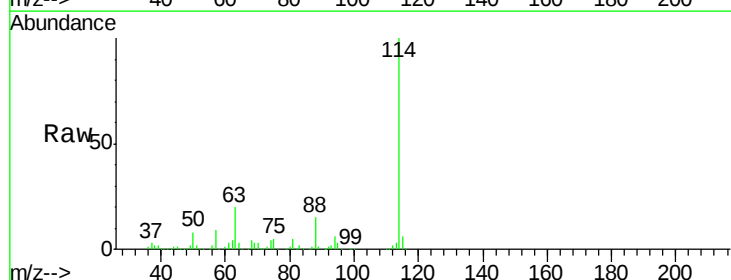
Tgt Ion: 114 Resp: 593887

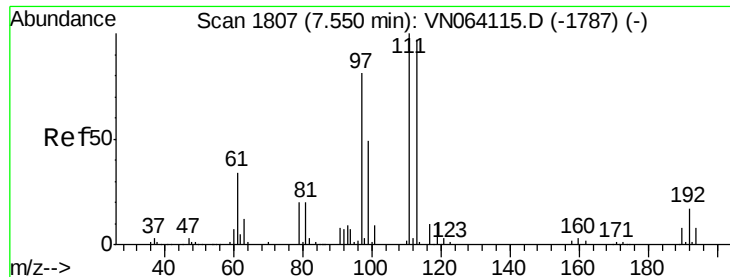
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

88 14.6 0.0 29.2





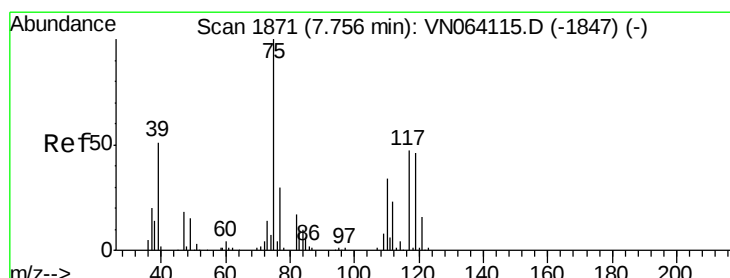
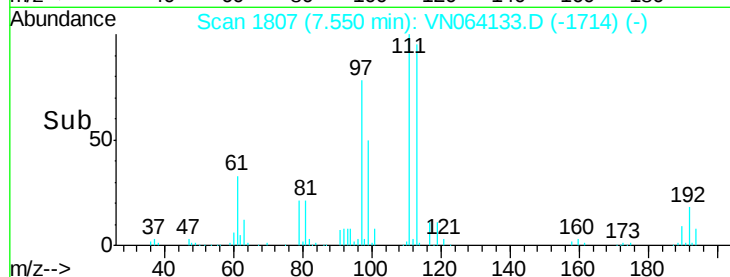
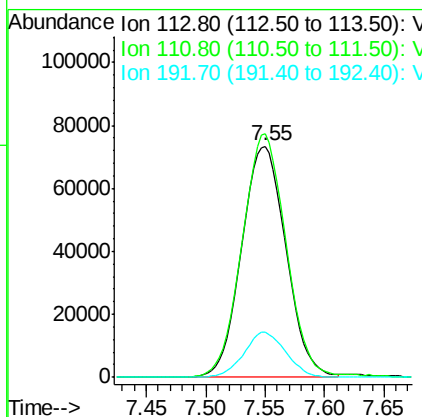
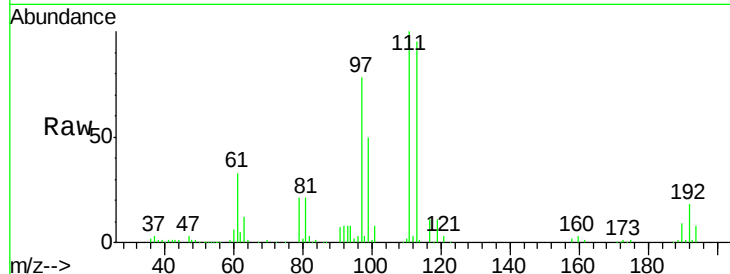
#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189478		
111	104.2	81.9	122.9	
192	18.6	14.3	21.5	

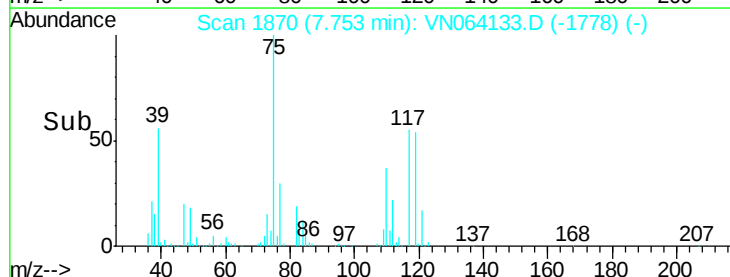
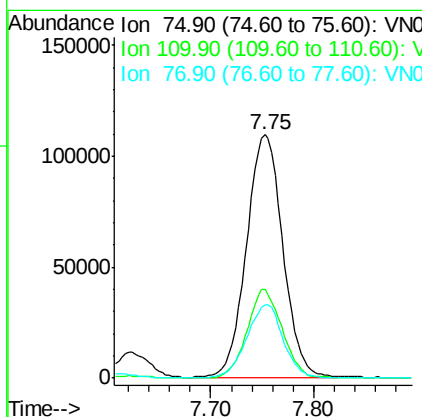
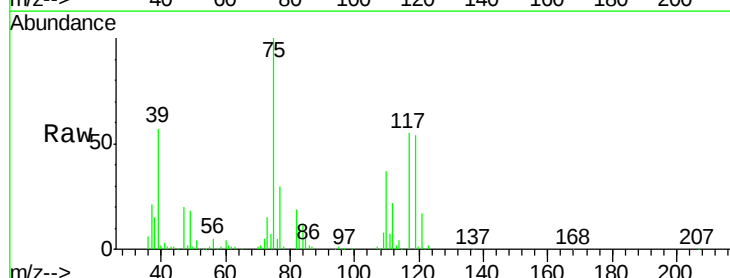
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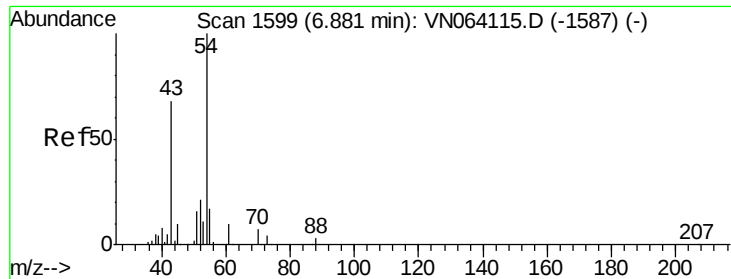
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#36
1,1-Dichloropropene
Concen: 46.741 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	267558		
110	35.4	17.8	53.3	
77	30.5	24.9	37.3	





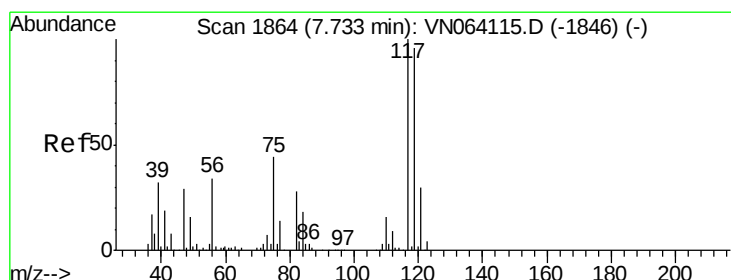
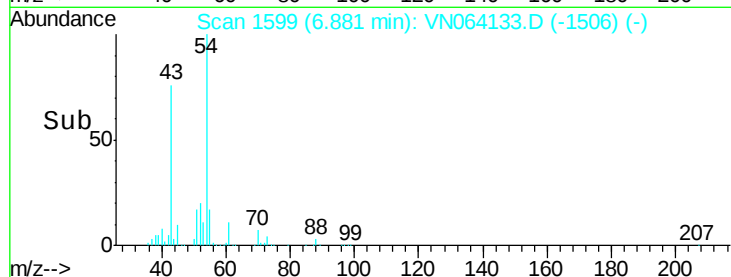
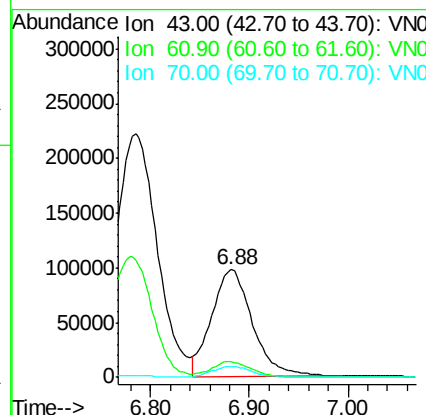
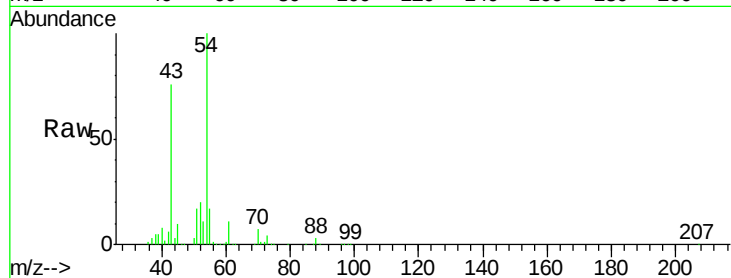
#37
Ethyl Acetate
Concen: 55.261 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	9.8	7.7	11.5

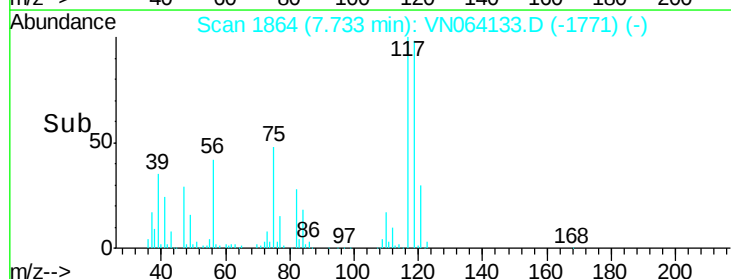
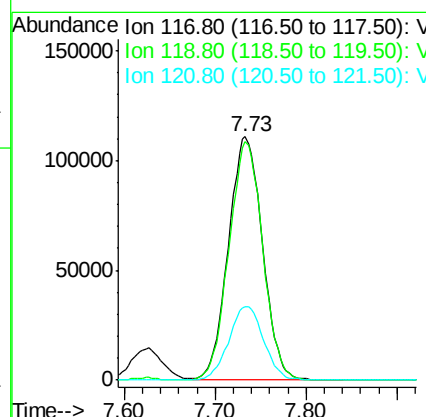
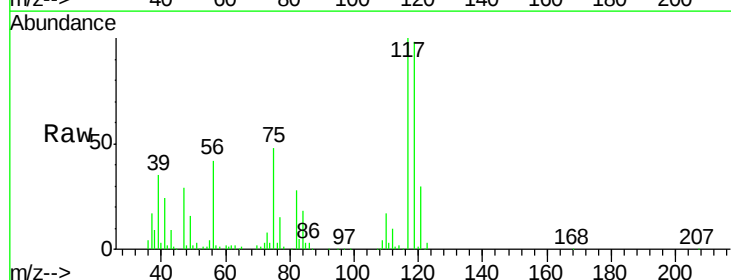
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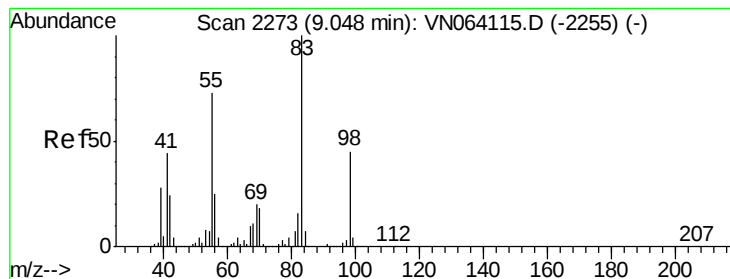
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#38
Carbon Tetrachloride
Concen: 47.021 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.0	115.4
121	30.3	24.2	36.4





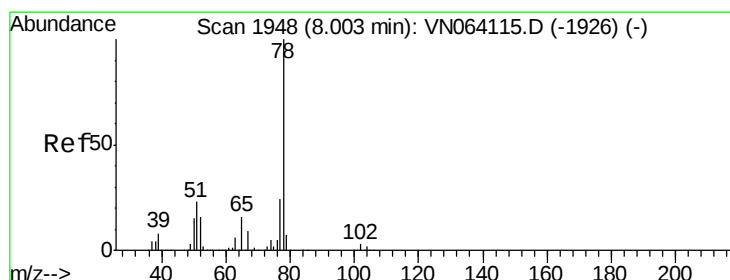
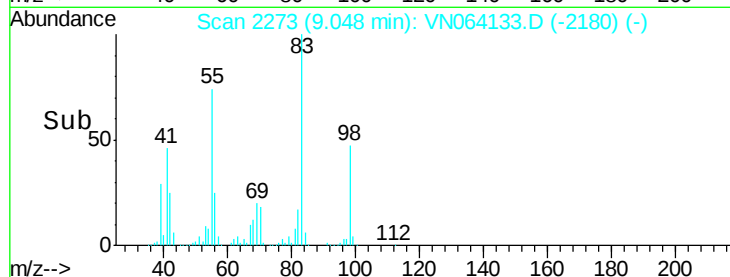
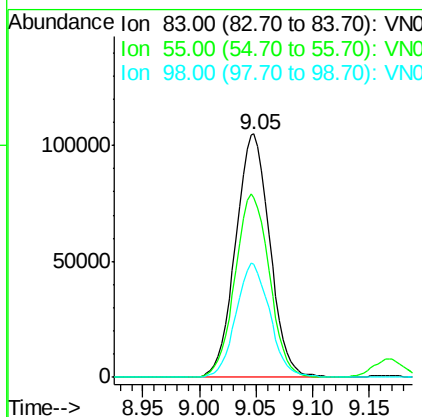
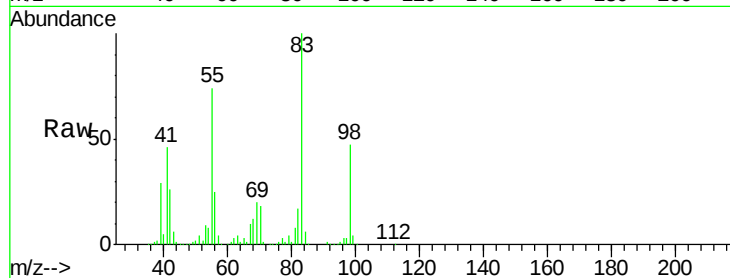
#39
Methvlcvclohexane
Concen: 46.069 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	58.5	87.7
98	46.5	36.2	54.2

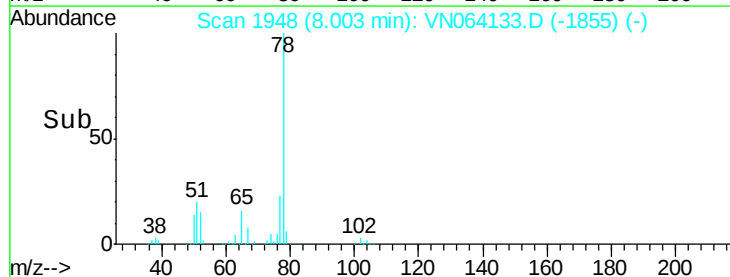
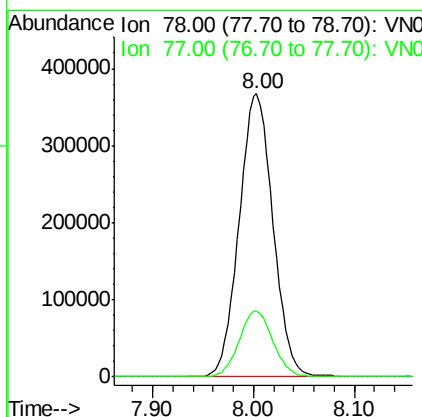
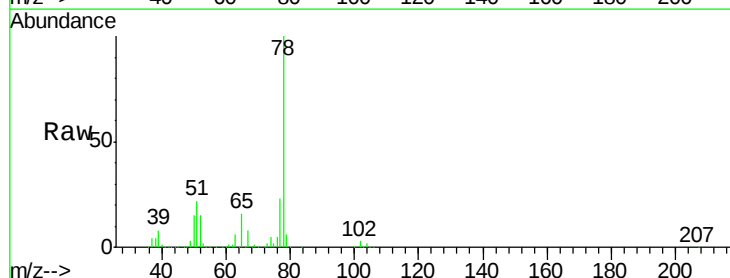
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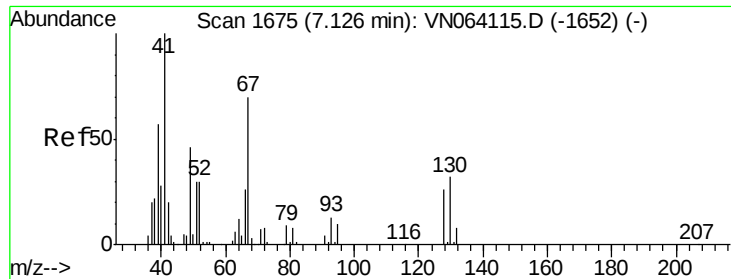
MMDadoda
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#40
Benzene
Concen: 49.203 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





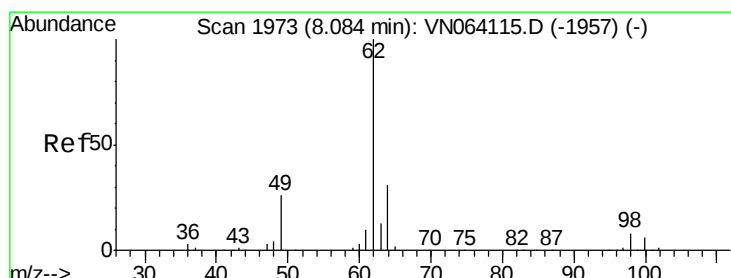
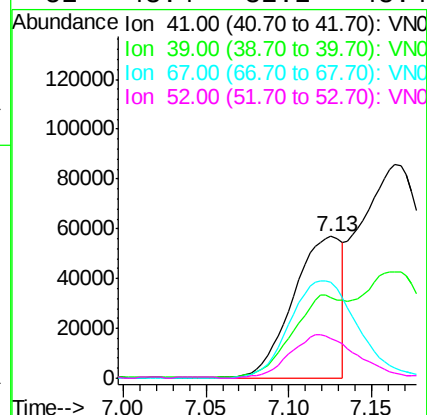
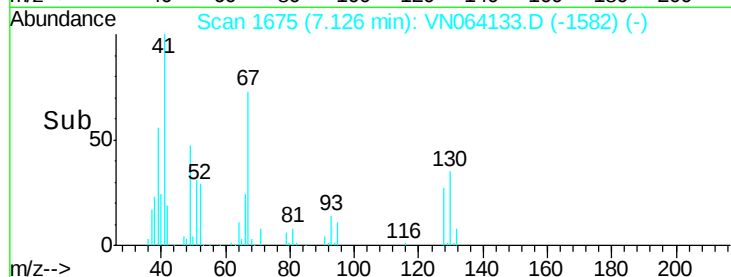
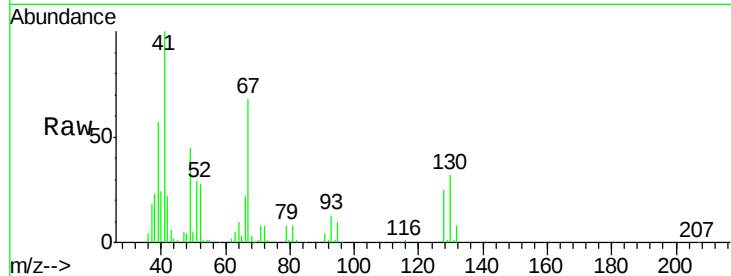
#41
Methacrylonitrile
Concen: 52.637 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.5	50.7	76.1	
67	97.6	73.8	110.6	
52	43.4	32.2	48.4	

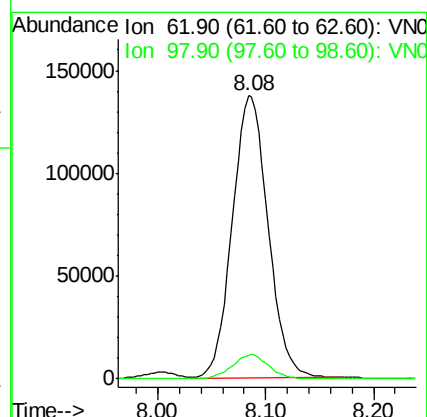
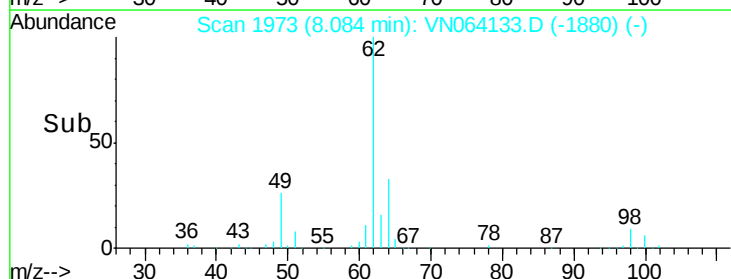
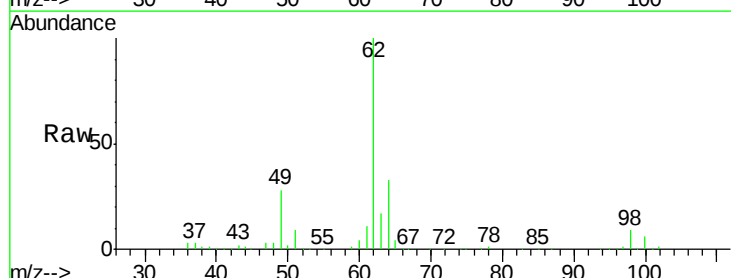
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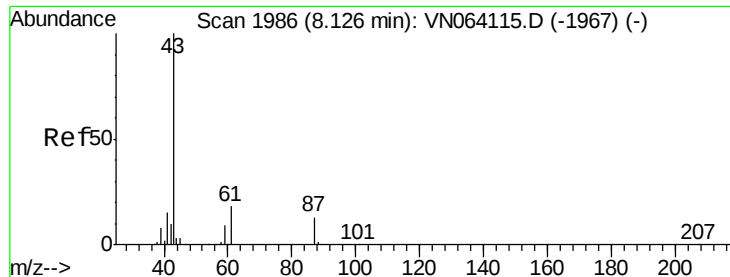
MMDadoda
10/15/2020 12:17:38 PM



#42
1,2-Dichloroethane
Concen: 51.440 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.6	





#43

Isopropyl Acetate

Concen: 53.712 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

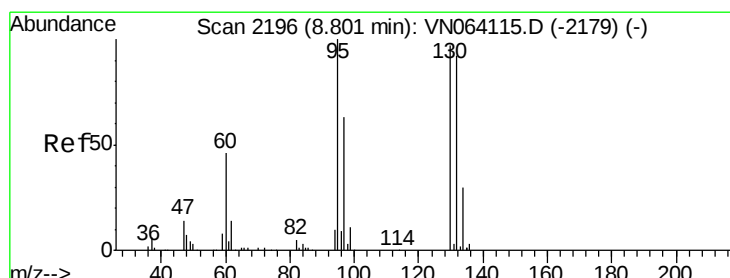
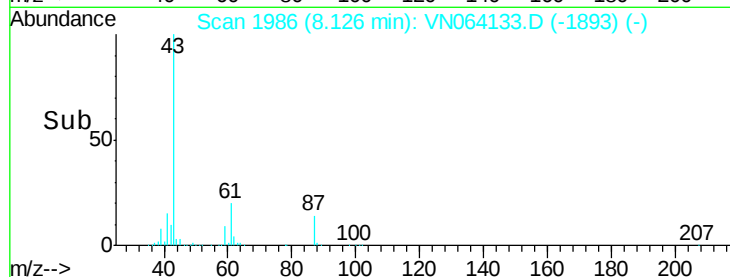
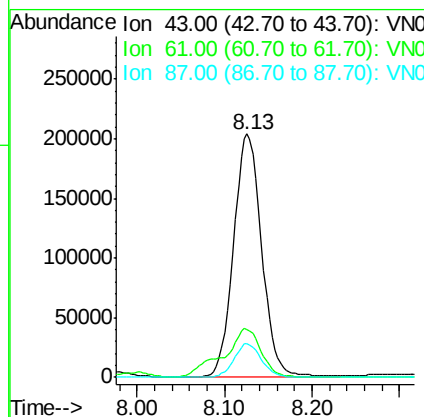
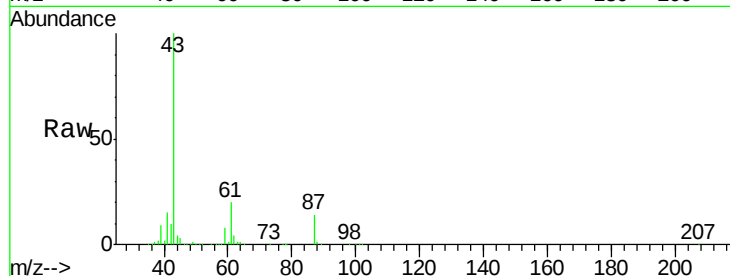
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	452802
Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.9	32.9
87	13.6	11.0	16.4

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#44

Trichloroethene

Concen: 47.804 ug/l

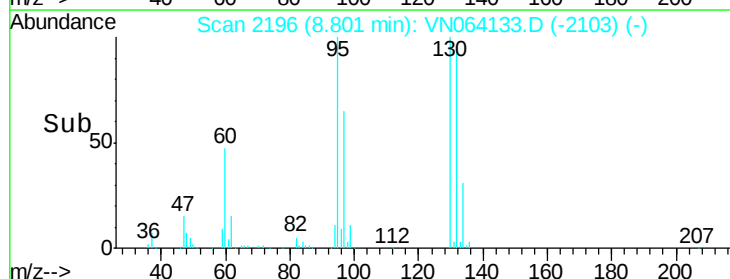
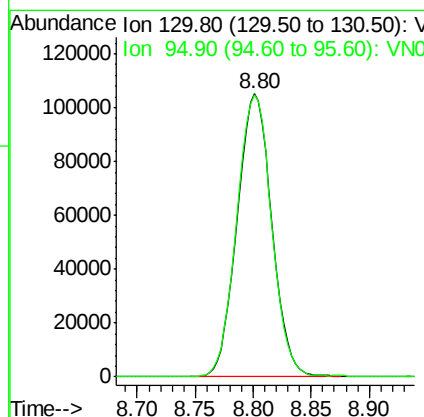
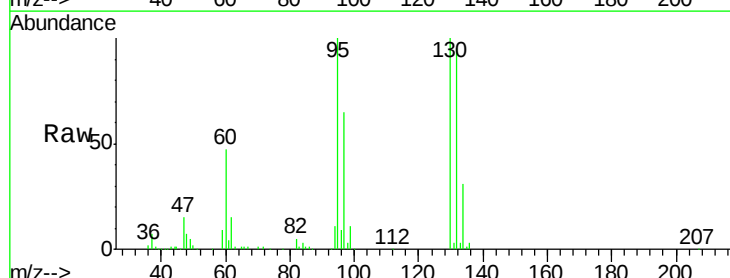
RT: 8.80 min Scan# 2196

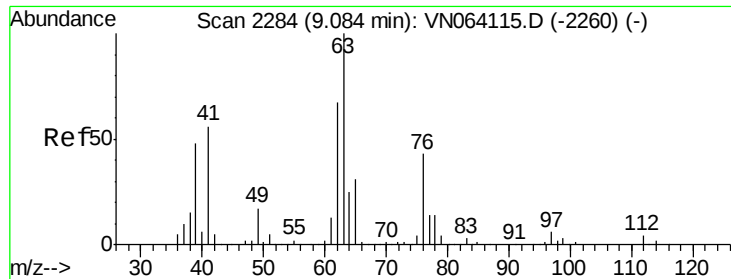
Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	130	Resp:	217903
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	206.2





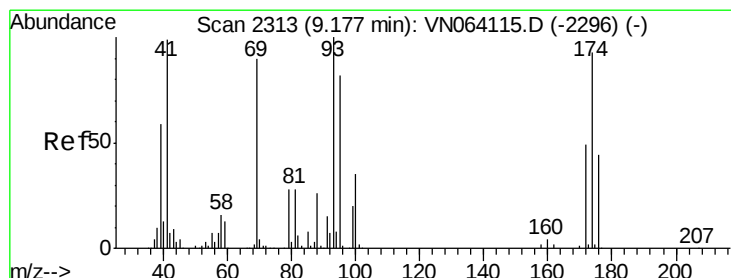
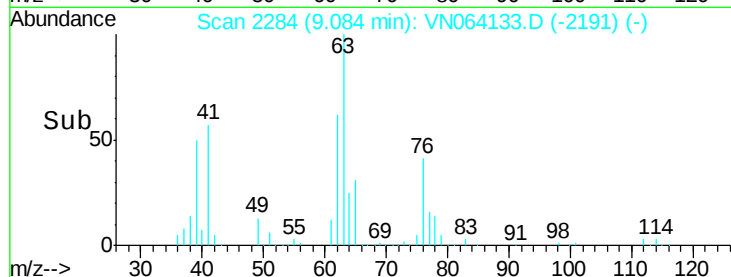
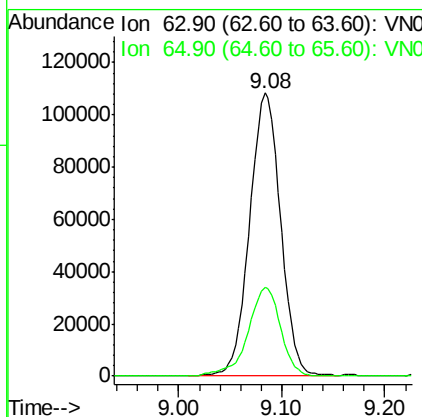
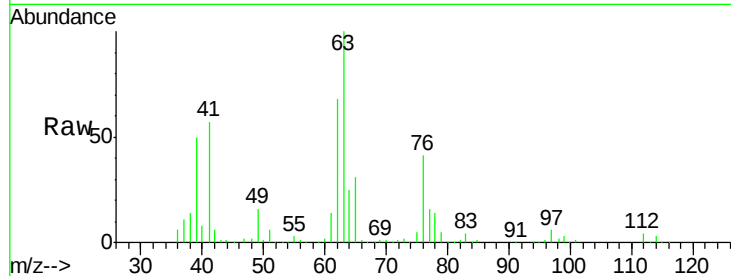
#45
 1,2-Dichloropropane
 Concen: 49.726 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 225842
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6

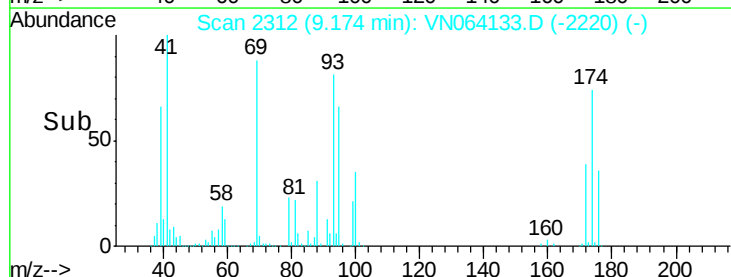
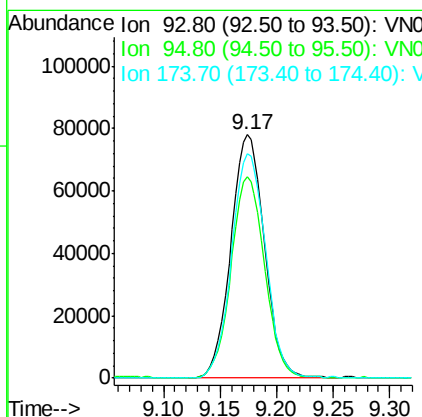
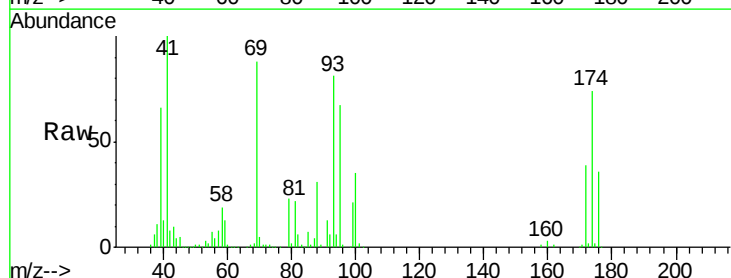
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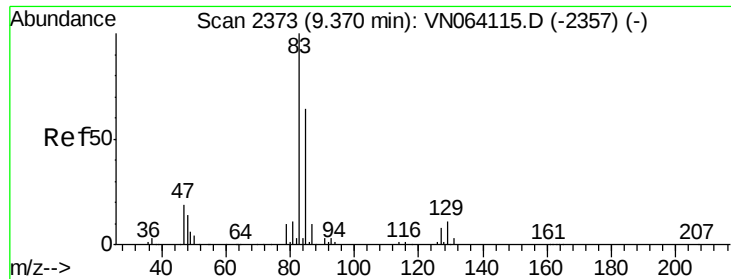
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#46
 Dibromomethane
 Concen: 50.205 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 93 Resp: 161771
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 93.1 75.2 112.8





#47

Bromodichloromethane

Concen: 51.312 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

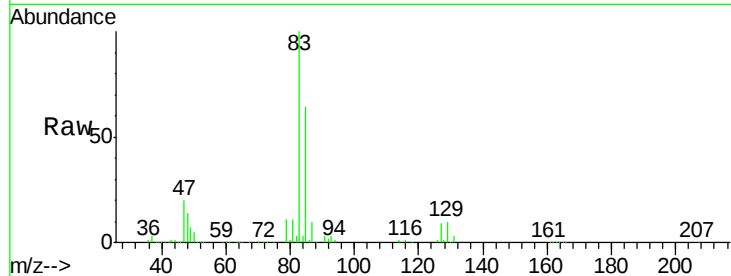
ClientSampleId :

VSTDCCC050EC

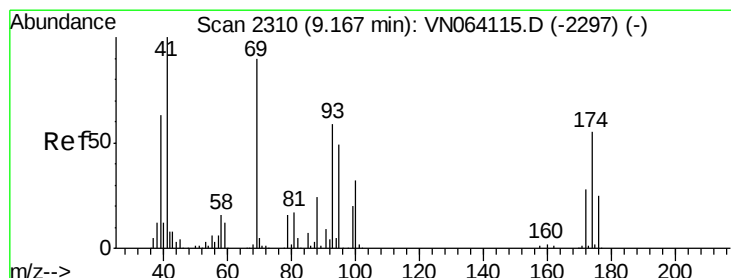
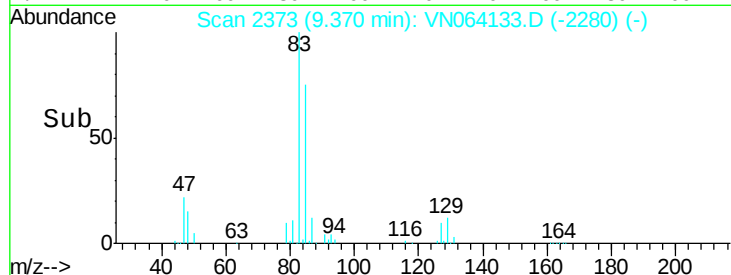
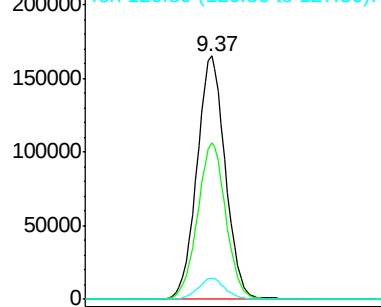
Tot Ion:	83	Resp:	323484
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.8	76.2
127	8.8	6.6	9.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN064133.D (-2280) (-)



#48

Methyl methacrylate

Concen: 56.198 ug/l

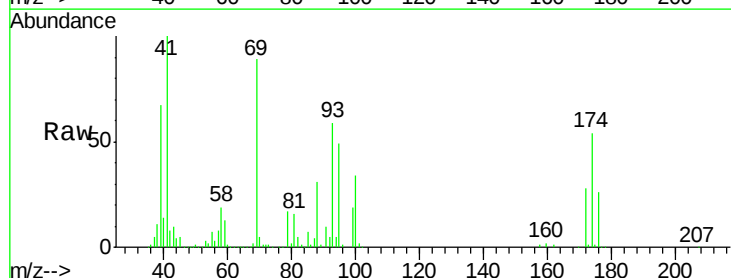
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

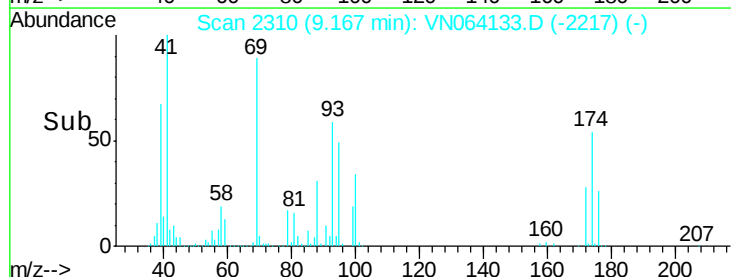
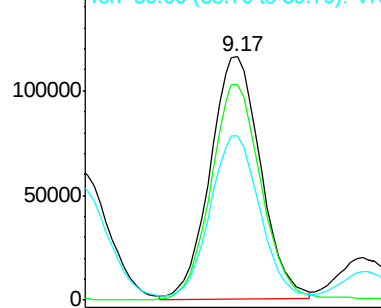
Lab File: VN064133.D

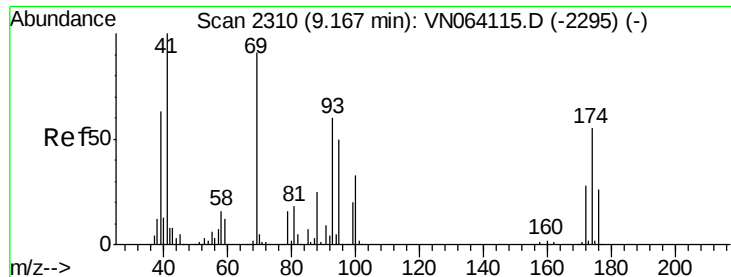
Acq: 14 Oct 2020 23:43

Tgt Ion:	41	Resp:	218835
Ion Ratio	Lower	Upper	
41	100		
69	89.3	71.4	107.2
39	66.7	52.5	78.7



Abundance Ion 41.00 (40.70 to 41.70): VN064133.D (-2217) (-)





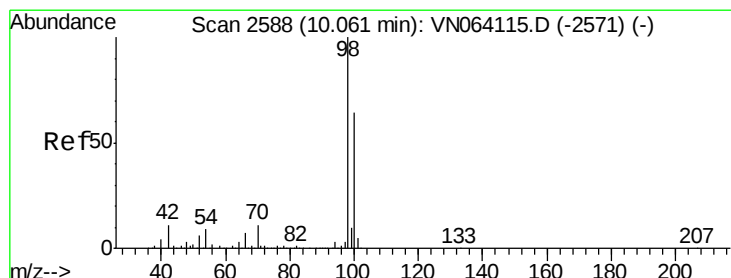
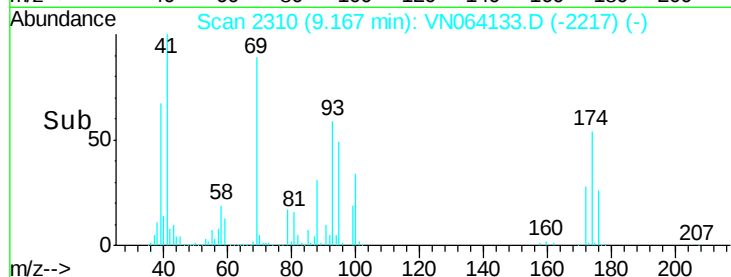
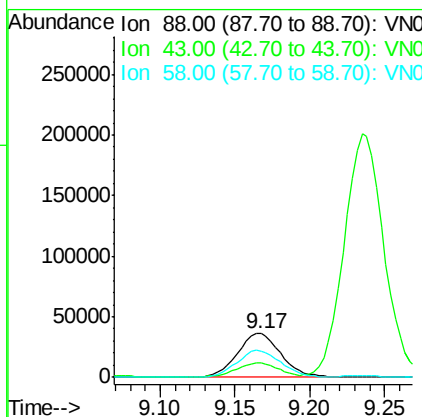
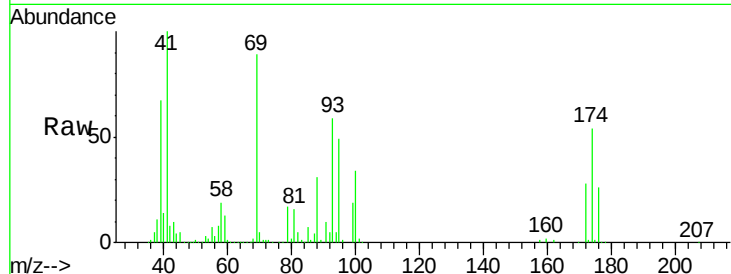
#49
1,4-Dioxane
Concen: 1237.513 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	73174
Ion	Ratio	Lower	Upper
88	100		
43	30.1	27.2	40.8
58	63.3	52.6	78.8

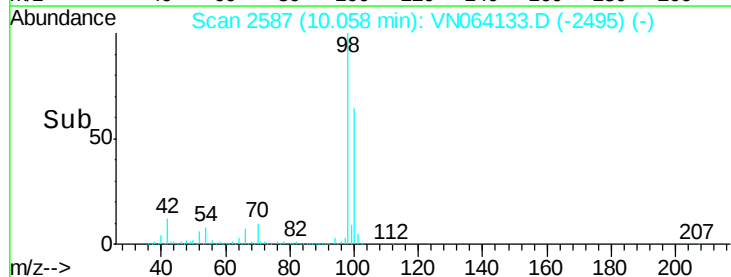
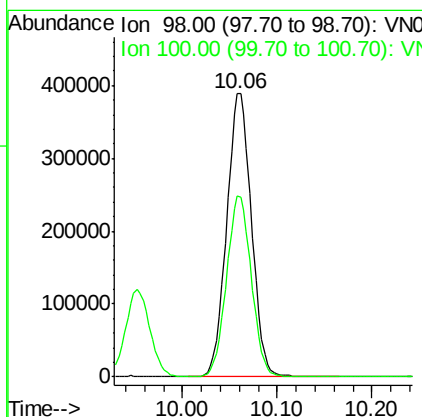
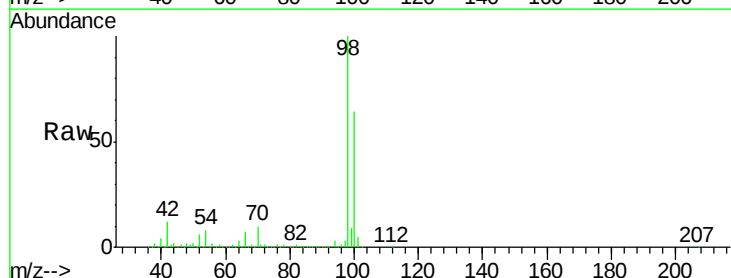
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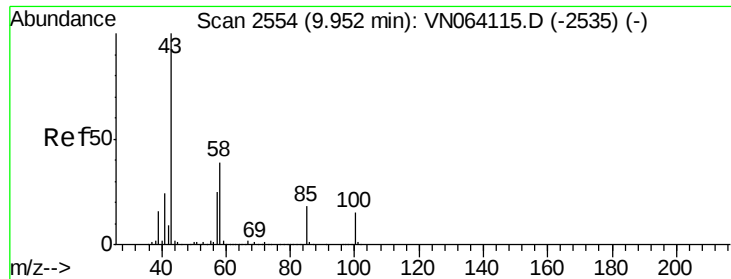
MMDadoda
10/15/2020 12:17:38 PM



#50
Toluene-d8
Concen: 45.654 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	98	Resp	708088
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 287.865 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1435977

Ion Ratio Lower Upper

43 100

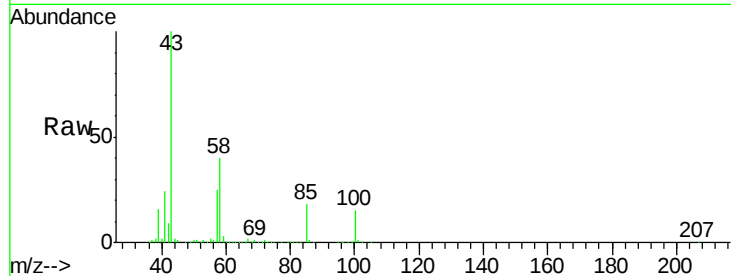
58 39.1 31.2 46.8

Manual Integrations

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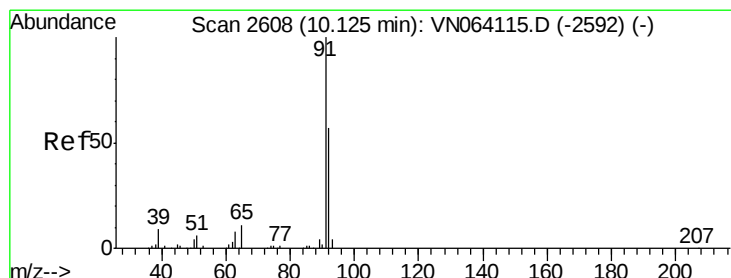
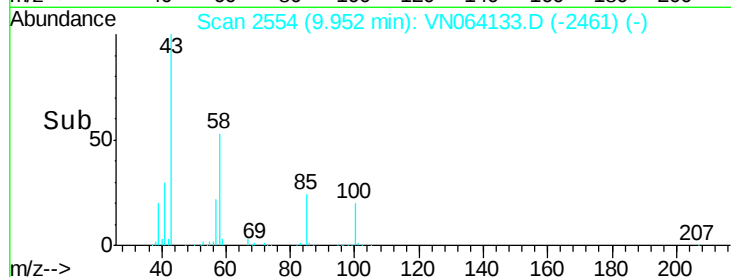
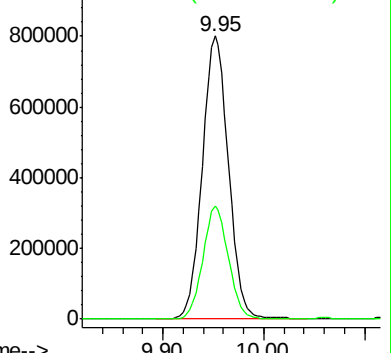
MMDadoda

10/15/2020 12:17:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.864 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064133.D

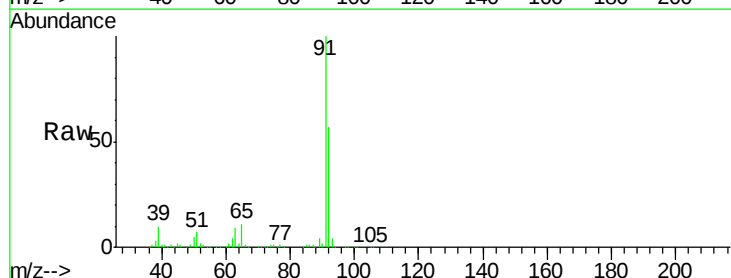
Acq: 14 Oct 2020 23:43

Tgt Ion: 92 Resp: 531115

Ion Ratio Lower Upper

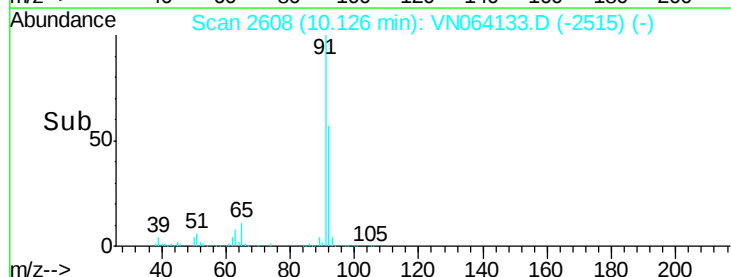
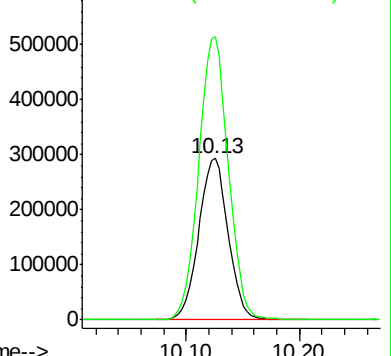
92 100

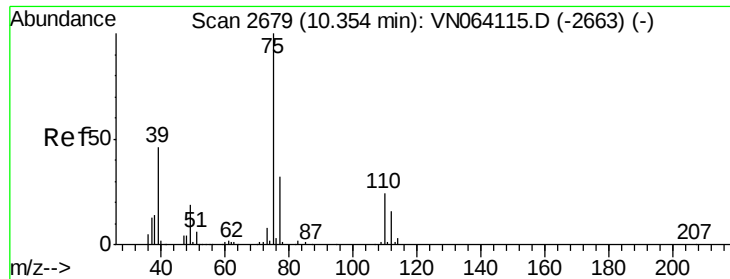
91 176.4 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





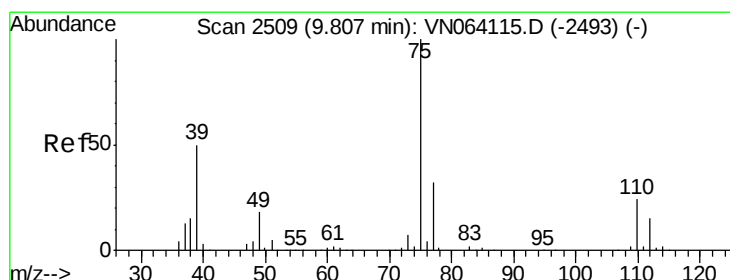
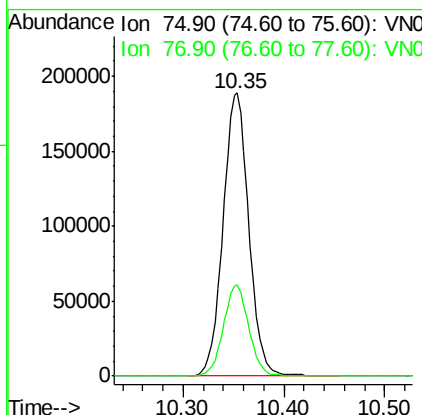
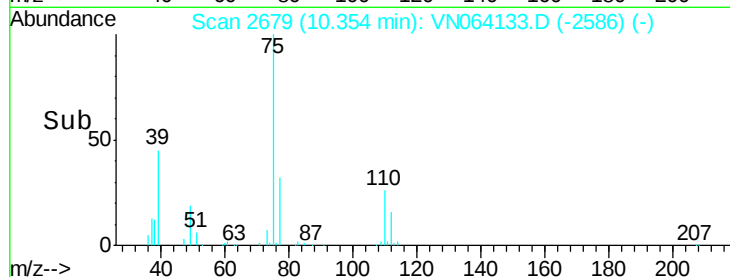
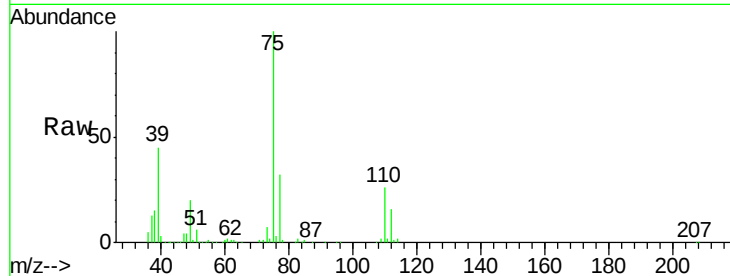
#53
 t-1,3-Dichloropropene
 Concen: 51.994 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 336315
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4

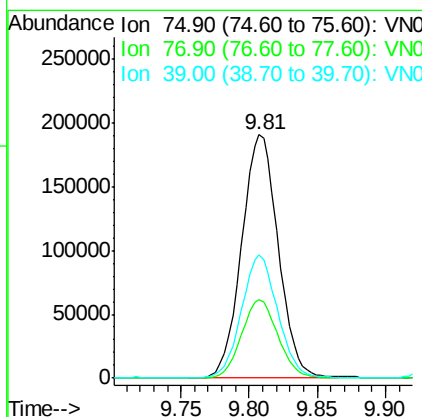
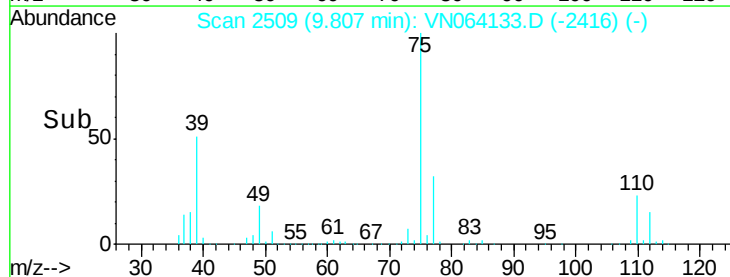
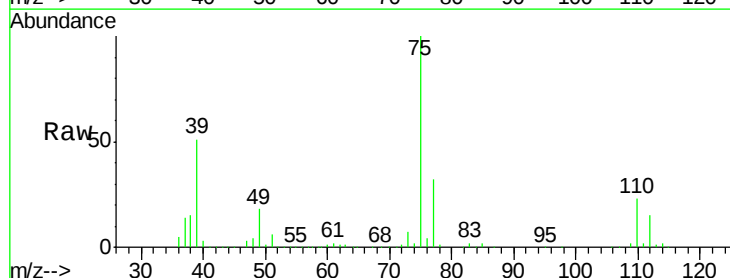
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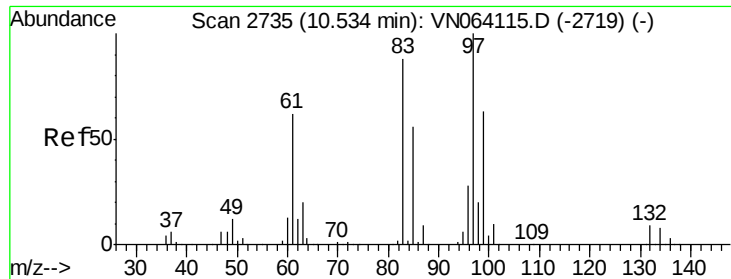
MMDadoda
 10/15/2020 12:17:38 PM



#54
 cis-1,3-Dichloropropene
 Concen: 49.989 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion: 75 Resp: 355288
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 50.4 39.8 59.8





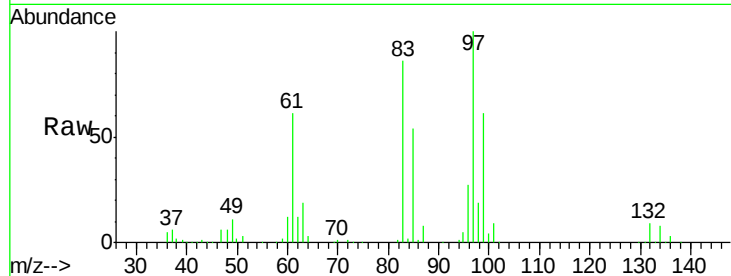
#55
 1,1,2-Trichloroethane
 Concen: 51.798 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		228561		
83	86.1	70.2	105.4		
85	54.3	45.0	67.6		
99	61.0	50.7	76.1		

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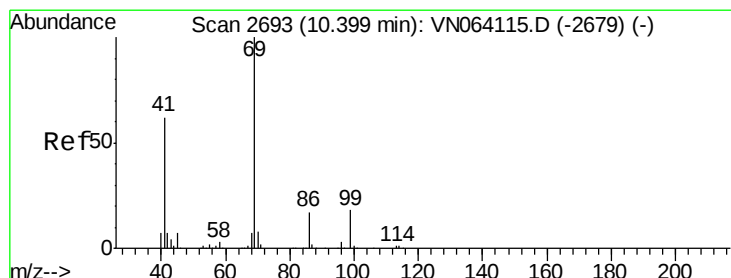
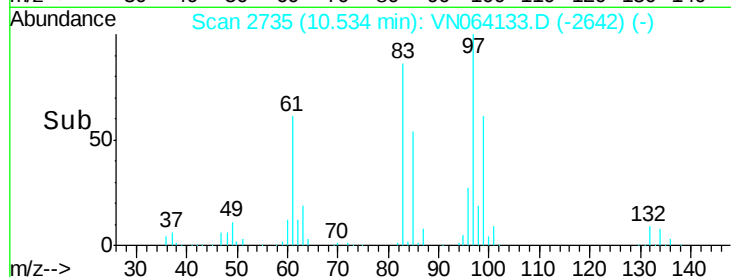
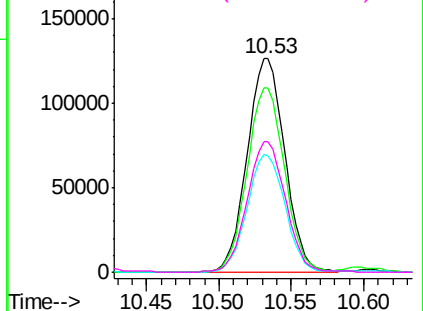


Abundance Ion 96.90 (96.60 to 97.60): VN064133.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064133.D (-2642) (-)

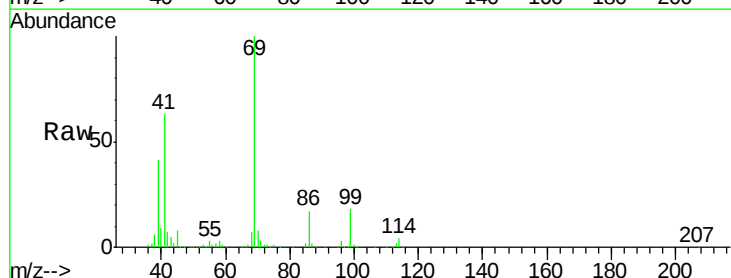
Ion 84.90 (84.60 to 85.60): VN064133.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064133.D (-2642) (-)



#56
 Ethyl methacrylate
 Concen: 49.210 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

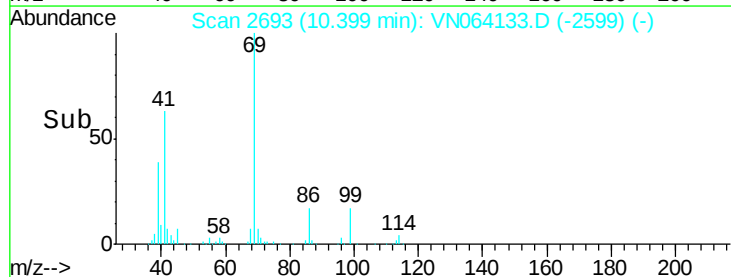
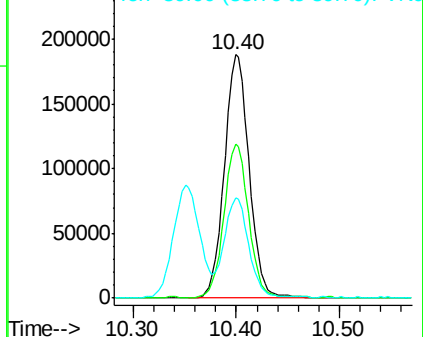
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		314382		
41	62.5	49.3	73.9		
39	40.9	32.7	49.1		

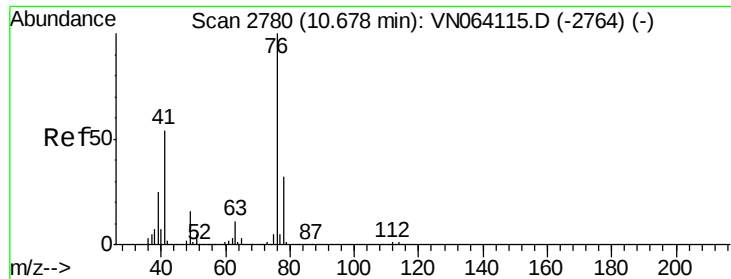


Abundance Ion 69.00 (68.70 to 69.70): VN064133.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN064133.D (-2599) (-)

Ion 39.00 (38.70 to 39.70): VN064133.D (-2599) (-)





#57

1,3-Dichloropropane

Concen: 51.328 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 372991

Ion Ratio Lower Upper

76 100

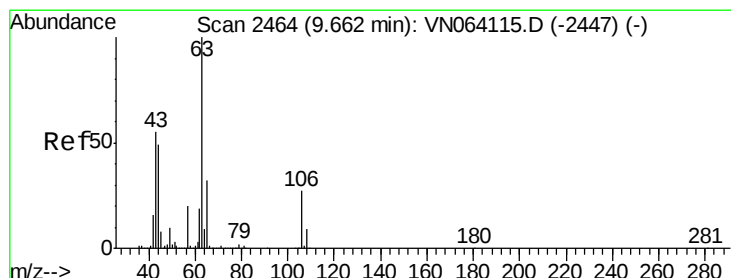
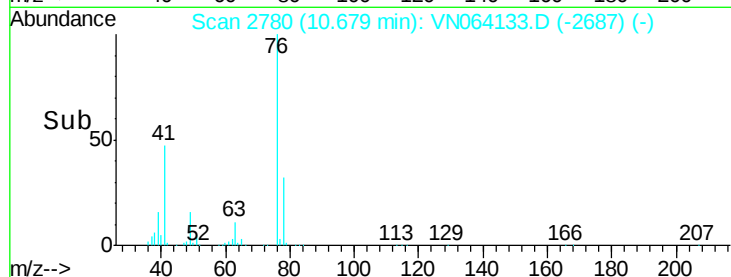
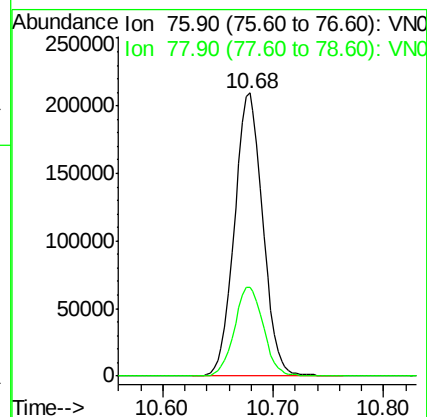
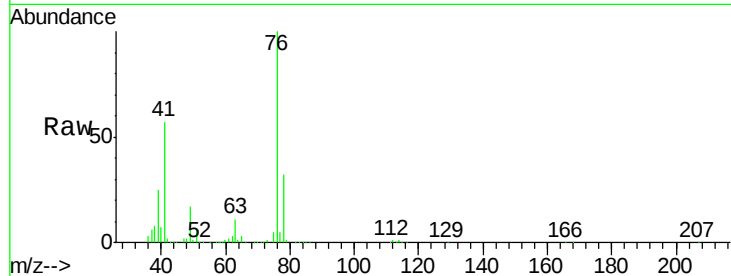
78 32.2 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 256.237 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064133.D

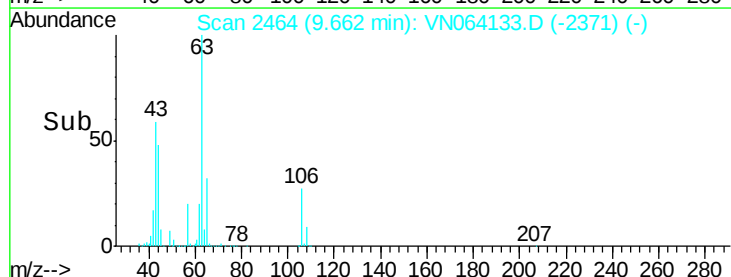
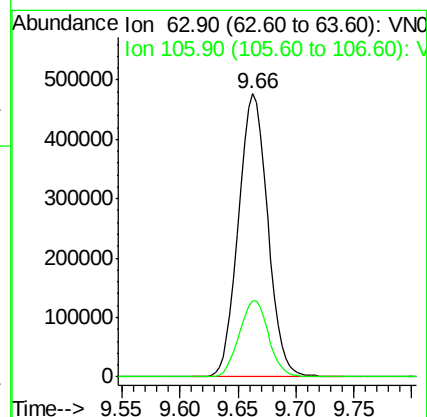
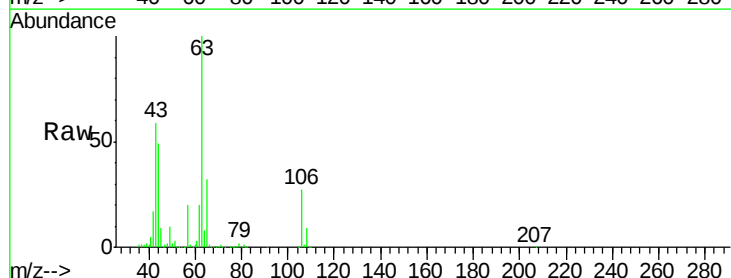
Acq: 14 Oct 2020 23:43

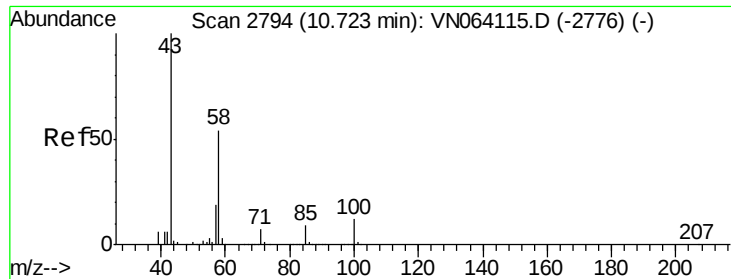
Tgt Ion: 63 Resp: 834213

Ion Ratio Lower Upper

63 100

106 27.1 21.8 32.6





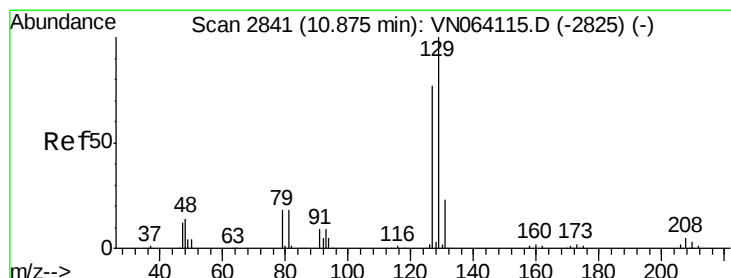
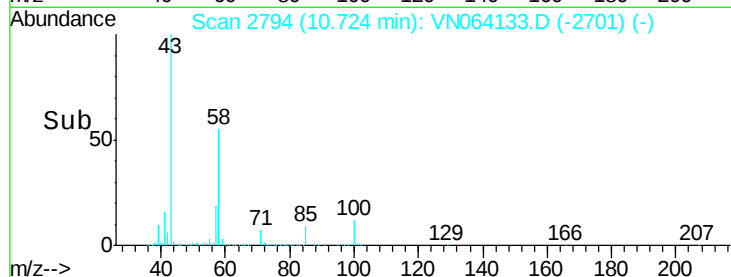
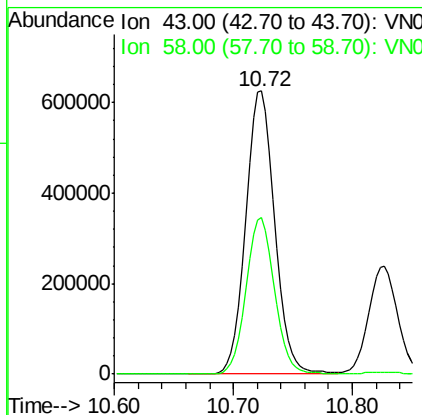
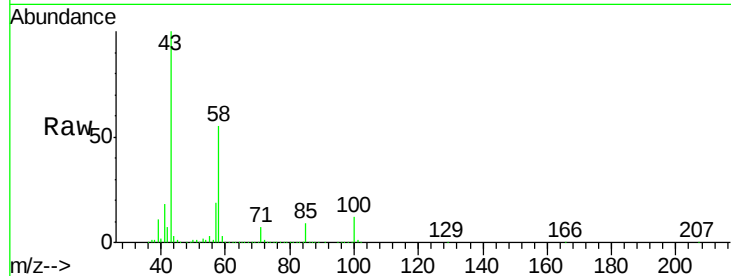
#59
2-Hexanone
Concen: 272.777 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1054242
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.6

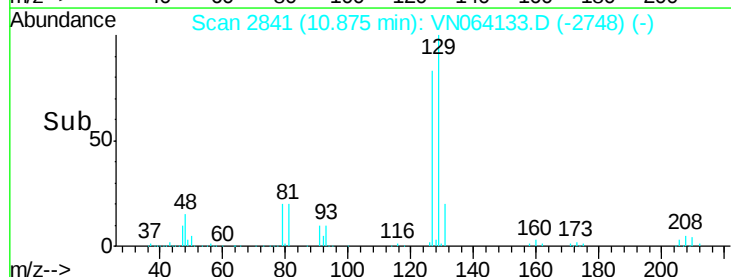
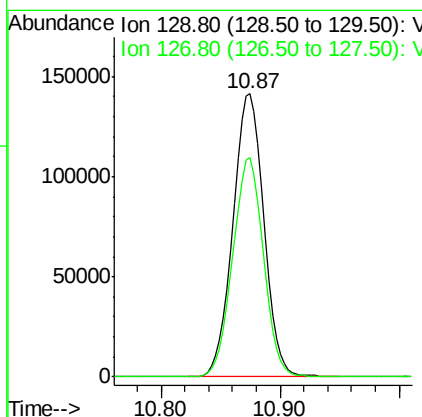
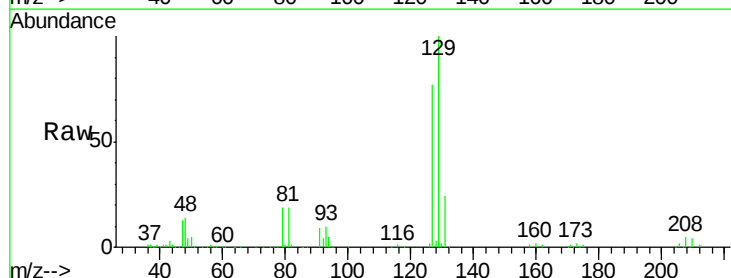
Manual Integrations
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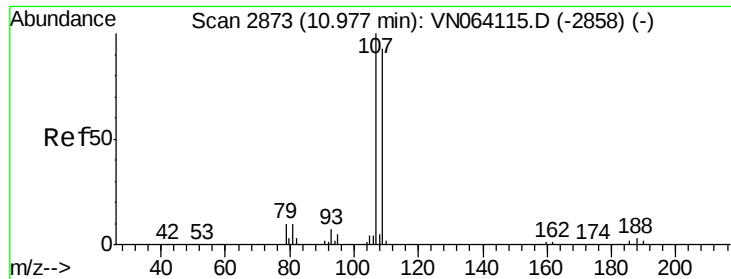
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10/15/2020 12:17:38 PM



#60
Dibromochloromethane
Concen: 51.422 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 129 Resp: 254883
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6





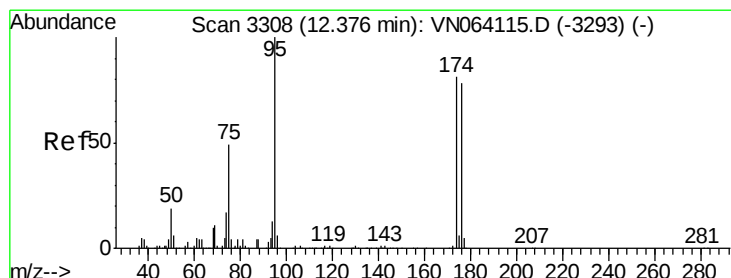
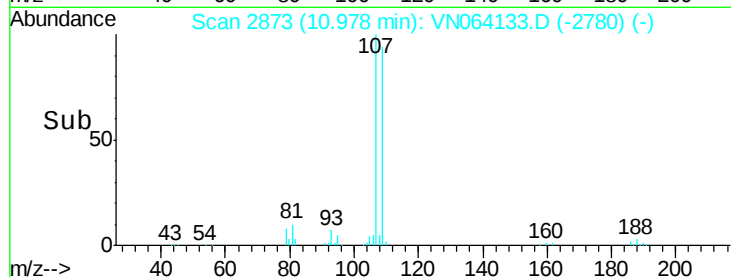
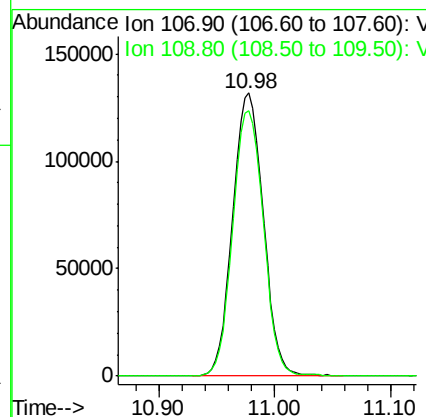
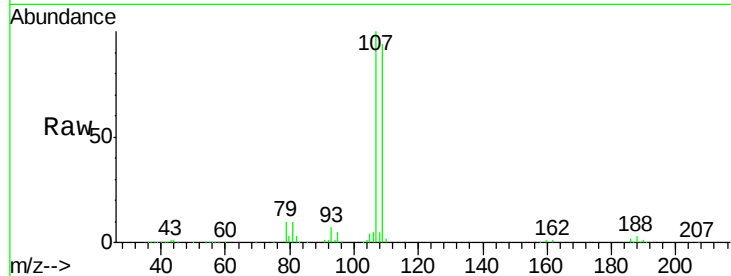
#61
 1,2-Dibromoethane
 Concen: 53.617 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.2	112.8

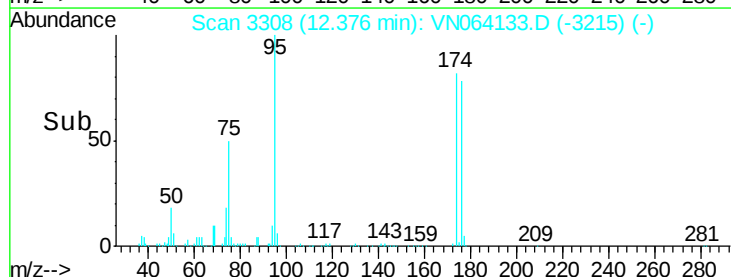
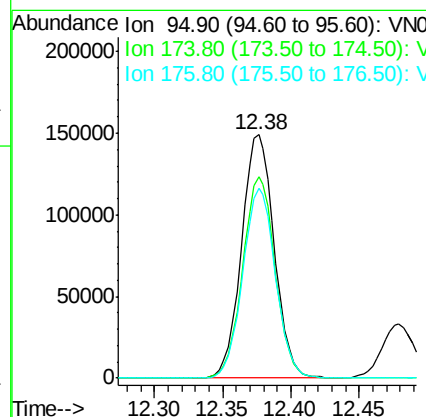
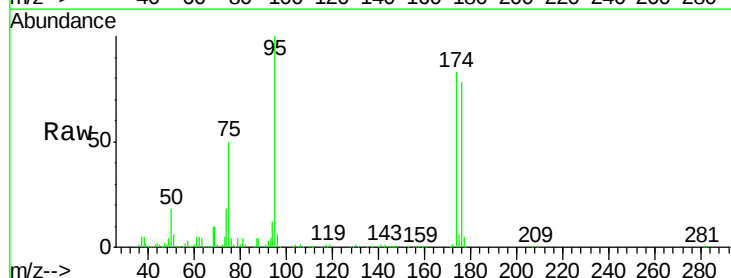
Manual Integrations
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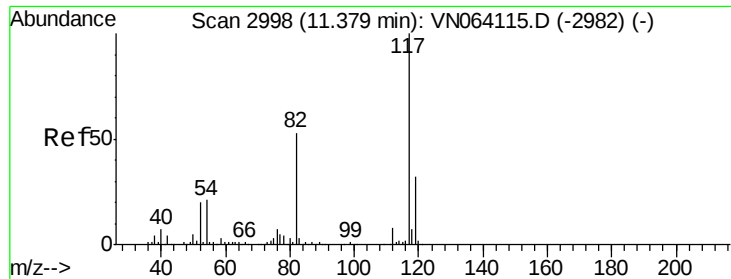
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 10/15/2020 12:17:38 PM



#62
 4-Bromofluorobenzene
 Concen: 46.479 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	164.8
176	78.0	0.0	157.8





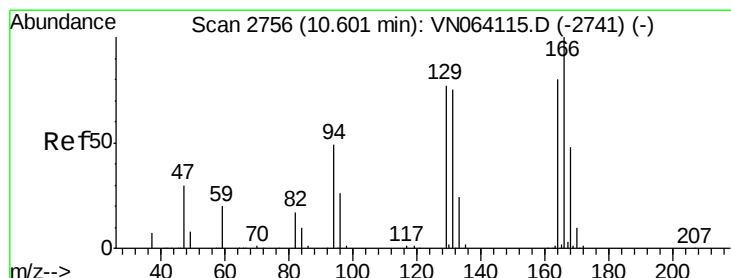
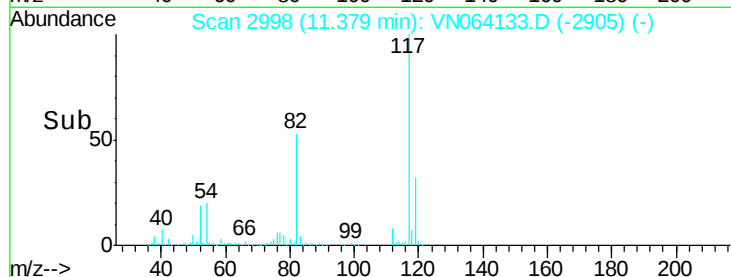
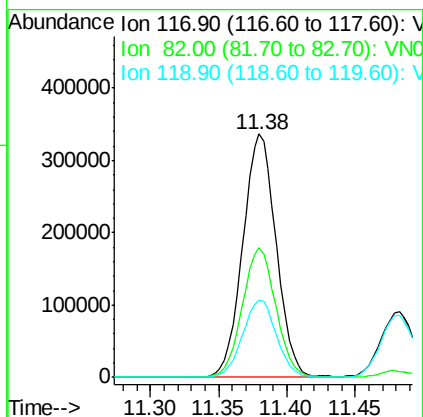
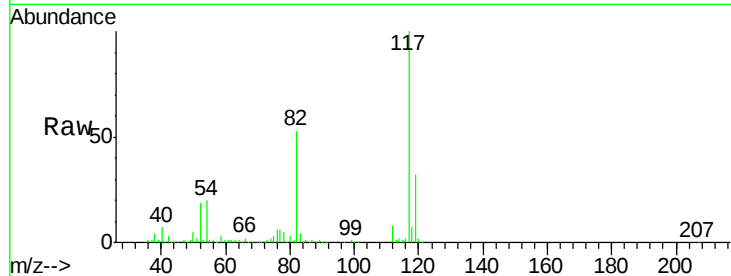
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	571907		
82	53.1		42.6	63.8
119	31.9		25.5	38.3

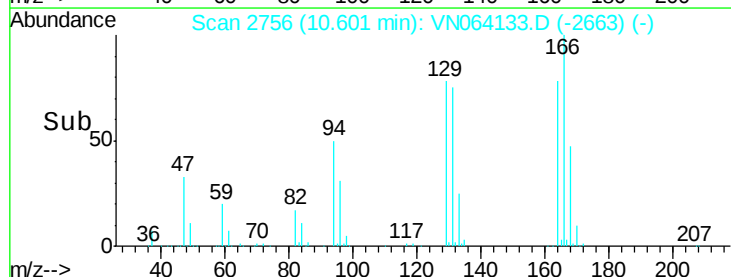
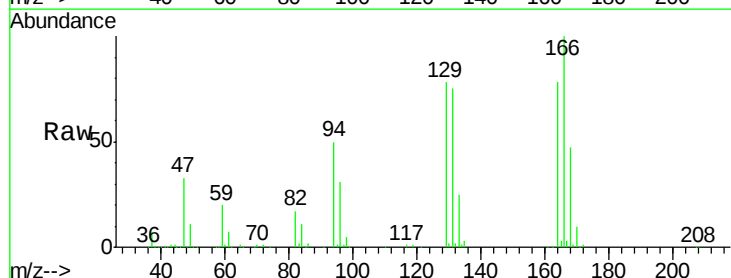
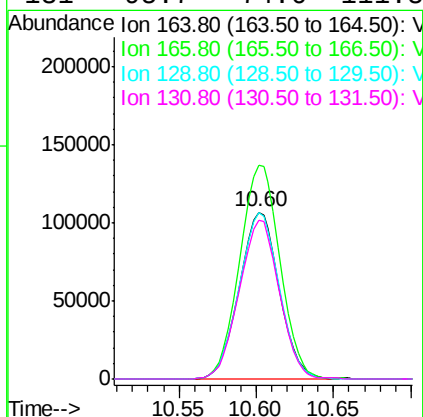
Manual Integrations
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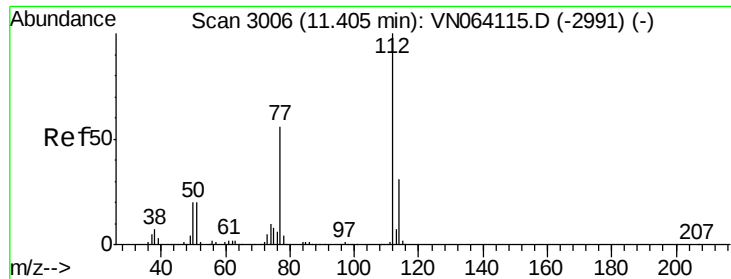
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#64
Tetrachloroethene
Concen: 44.446 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191645		
166	128.3		99.7	149.5
129	99.9		77.0	115.4
131	95.7		74.6	111.8





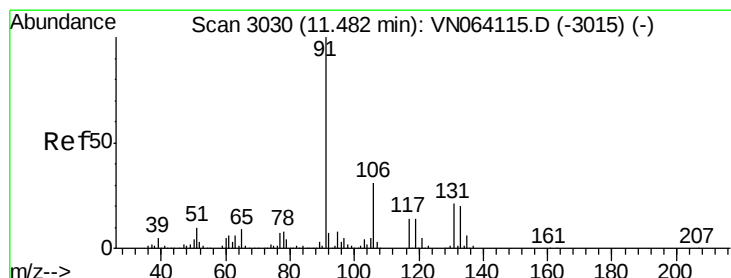
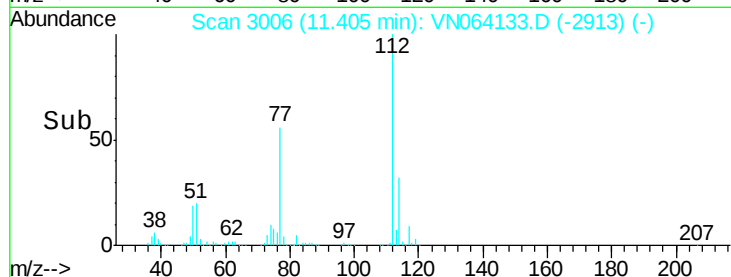
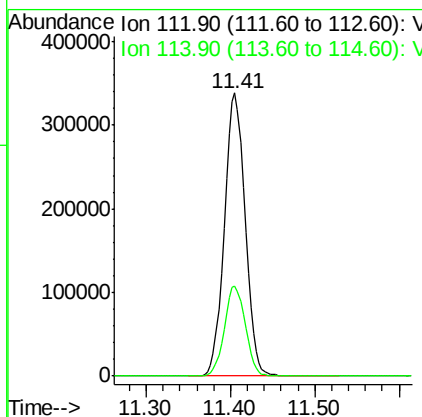
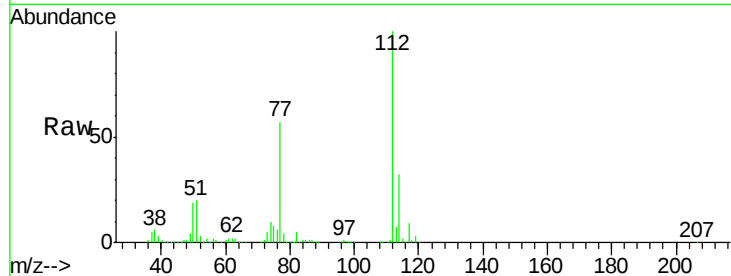
#65
Chlorobenzene
Concen: 48.111 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 579420
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0

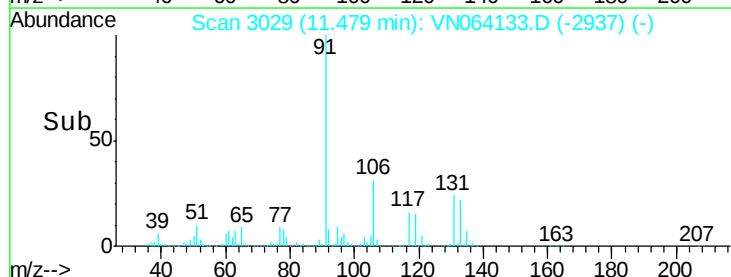
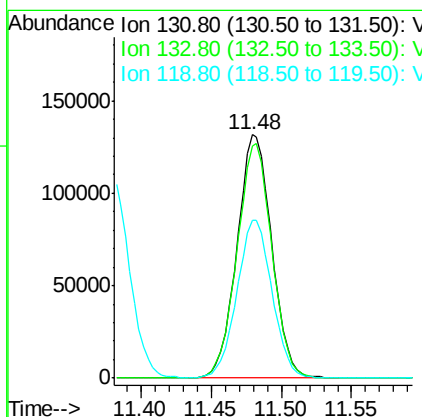
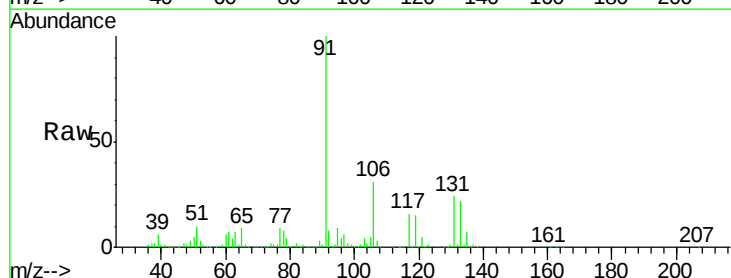
Manual Integrations
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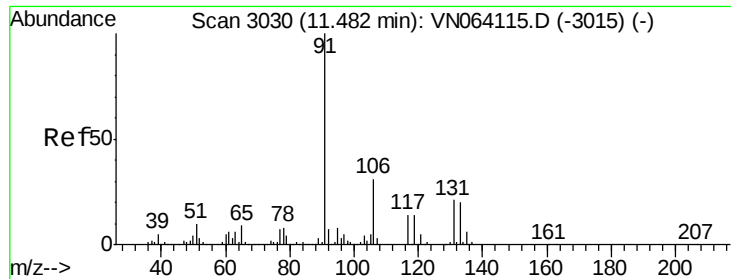
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.690 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion:131 Resp: 227203
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.9
119 65.8 32.8 98.4





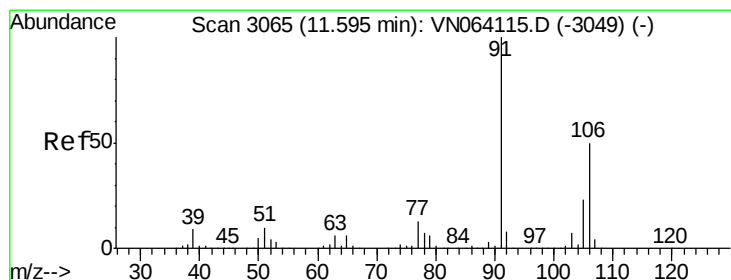
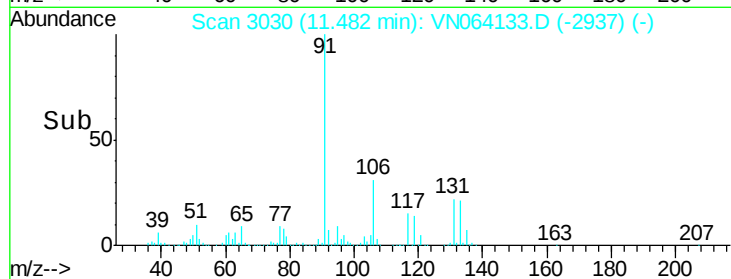
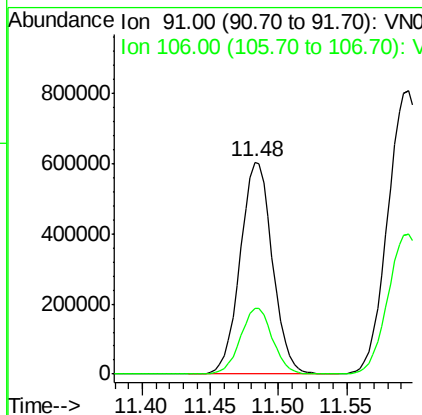
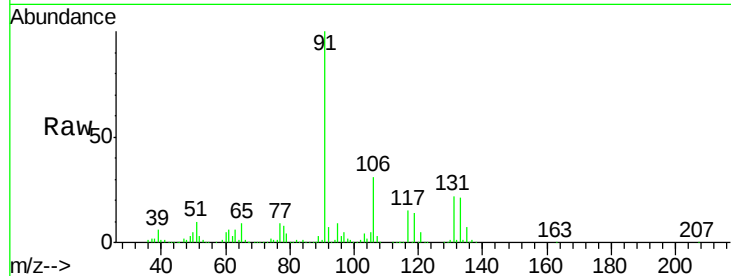
#67
Ethyl Benzene
Concen: 49.141 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 991411
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

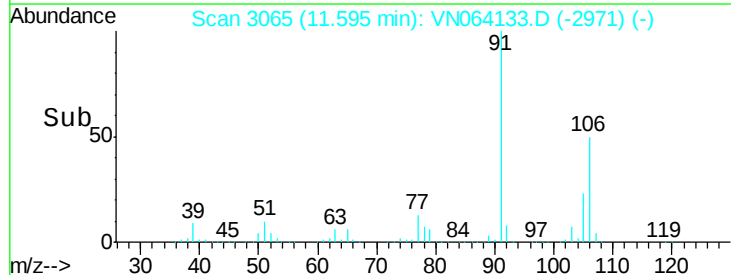
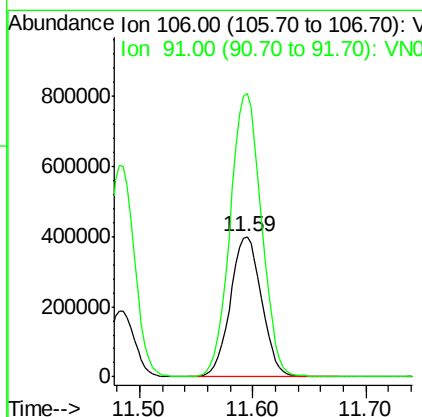
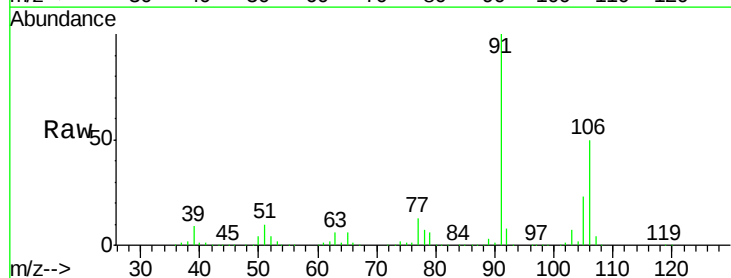
Manual Integrations
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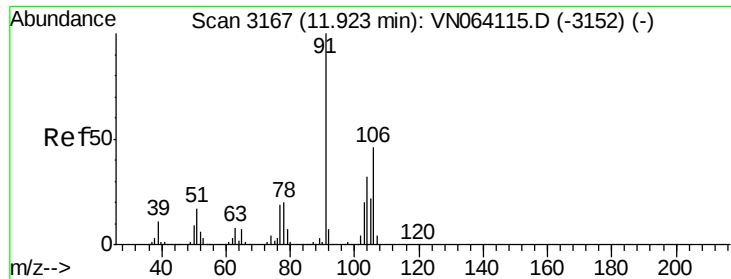
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#68
m/p-Xylenes
Concen: 92.405 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion: 106 Resp: 767107
Ion Ratio Lower Upper
106 100
91 202.8 162.1 243.1





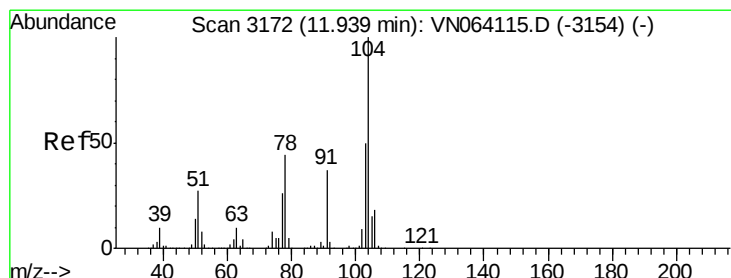
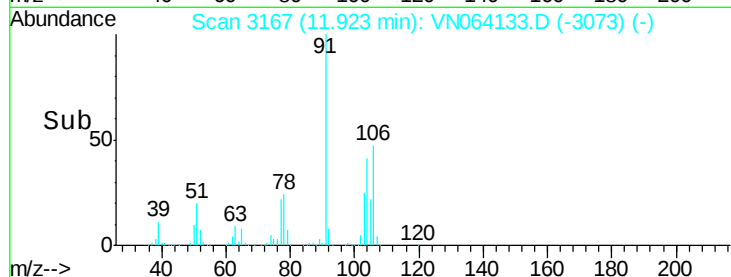
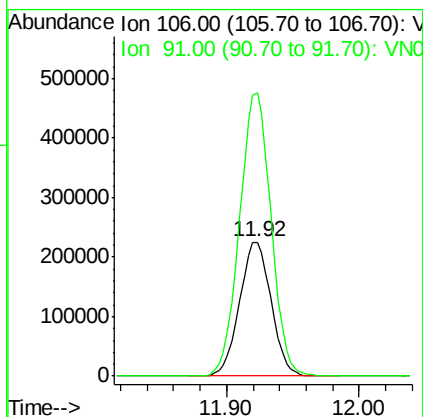
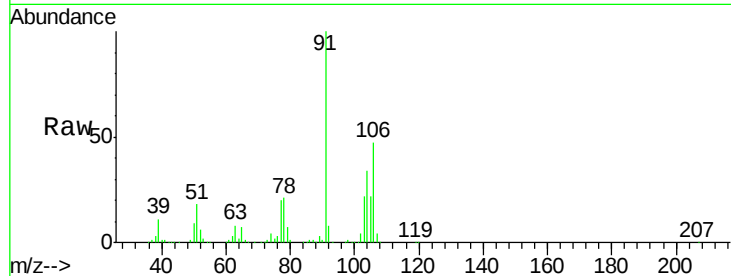
#69
o-Xylene
Concen: 46.880 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
372273	106	100			
	91	210.8	107.6	322.8	

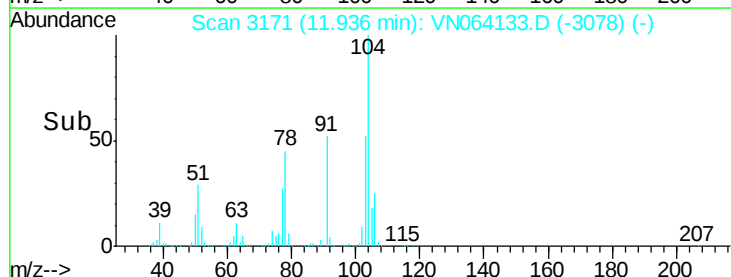
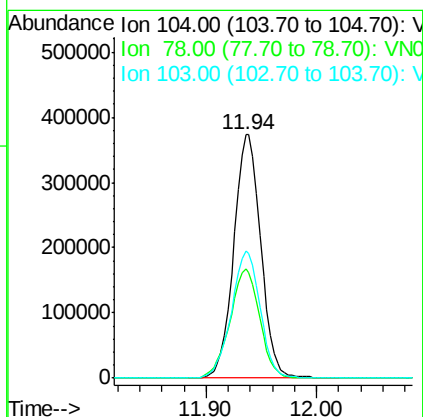
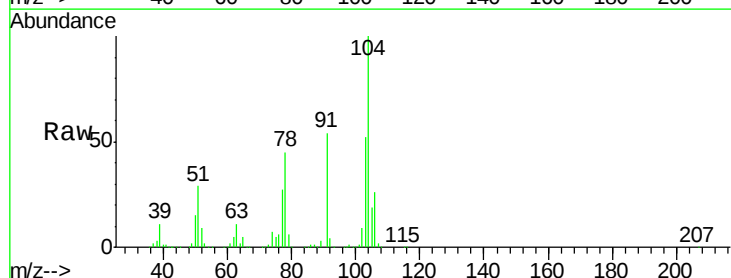
Manual Integrations
APPROVED

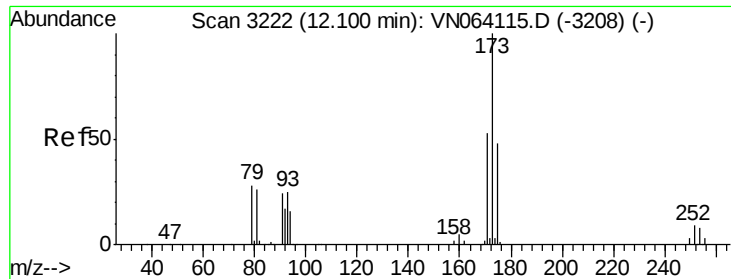
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#70
Styrene
Concen: 46.434 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
635142	104	100			
	78	49.3	39.7	59.5	
	103	55.7	44.2	66.2	





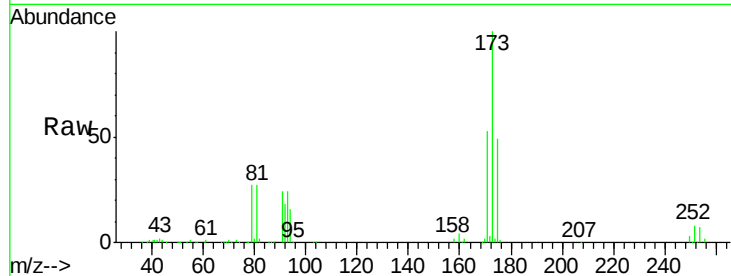
#71
Bromoform
Concen: 48.154 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

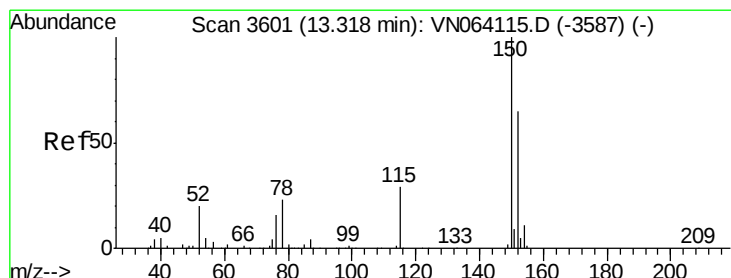
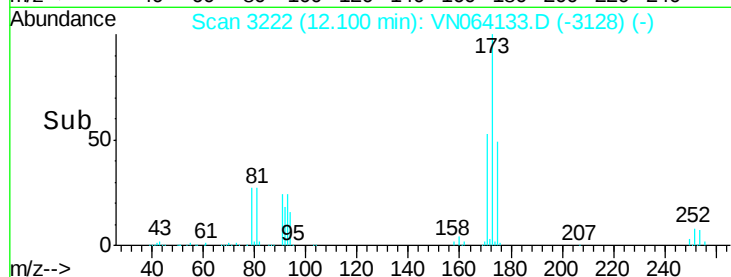
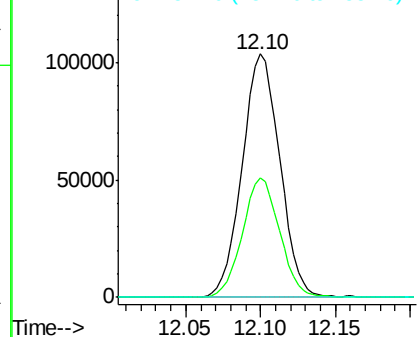
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.4	70.2
254	0.0	0.1	0.1#

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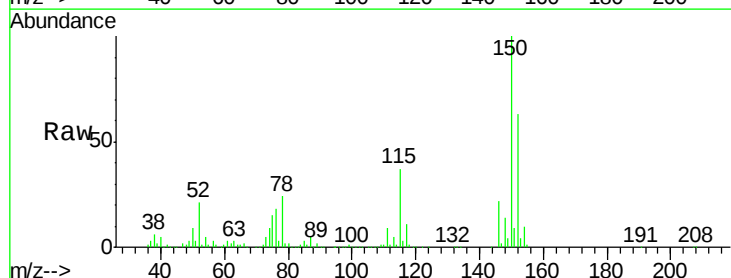


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

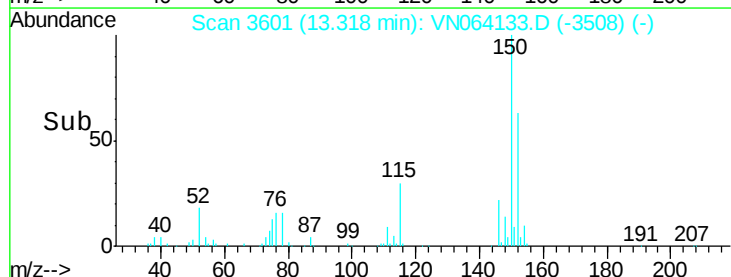
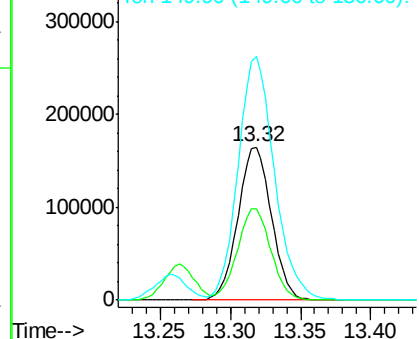


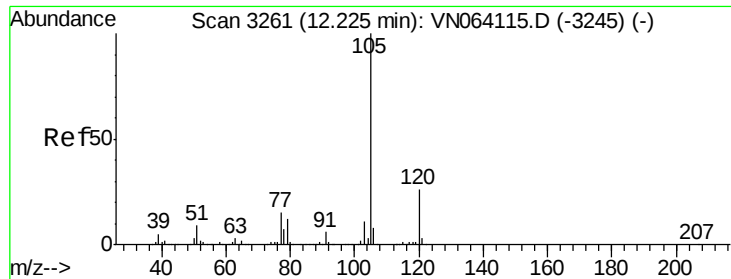
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	87.8
150	172.3	0.0	346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





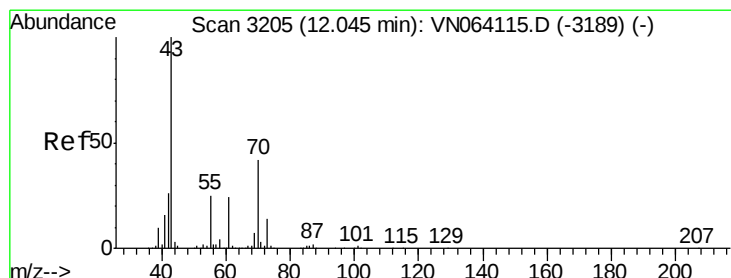
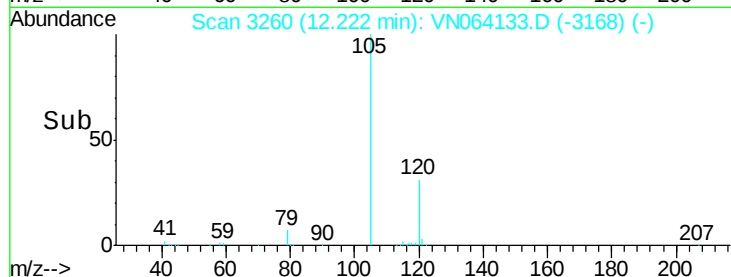
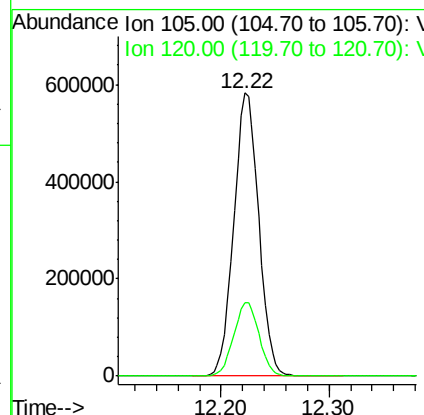
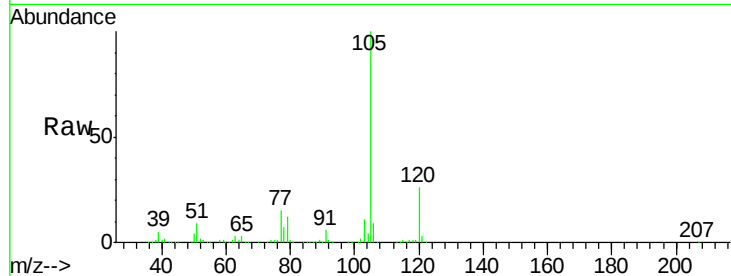
#73
Isopropylbenzene
Concen: 47.307 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5

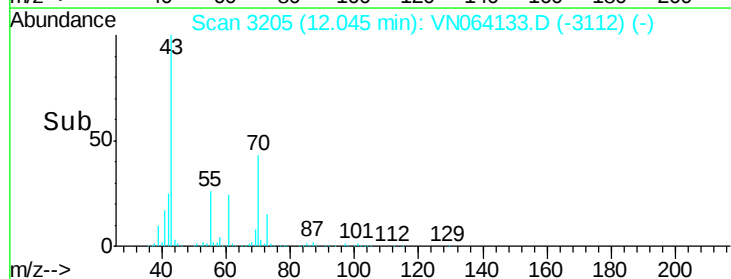
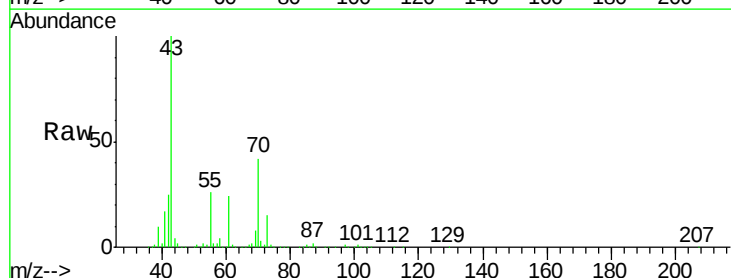
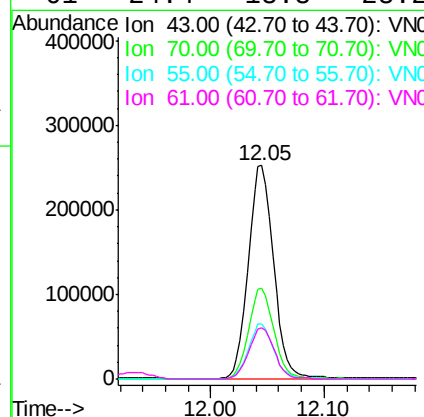
Manual Integrations
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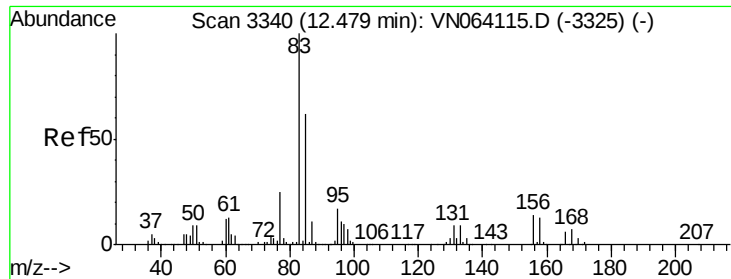
MMDadoda
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#74
N-ethyl acetate
Concen: 53.039 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	33.2	49.8
55	25.9	19.9	29.9
61	24.4	18.8	28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.390 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

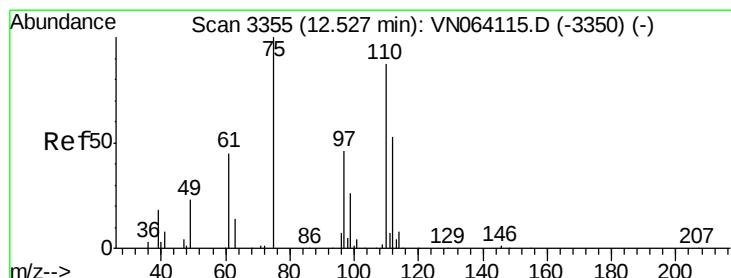
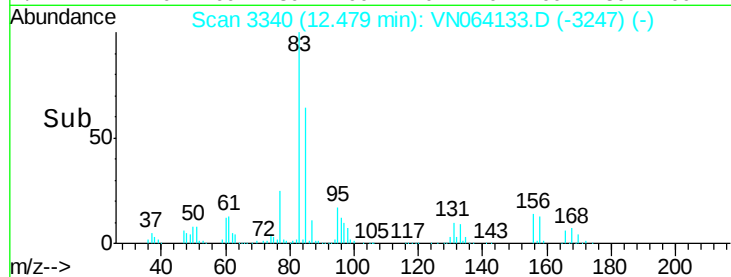
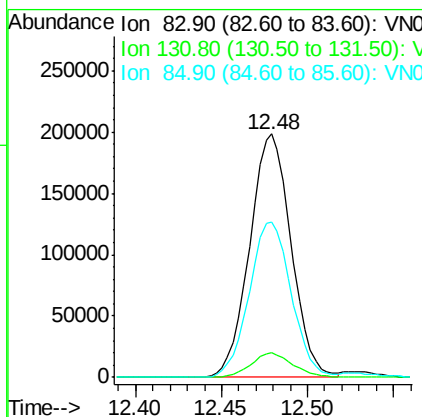
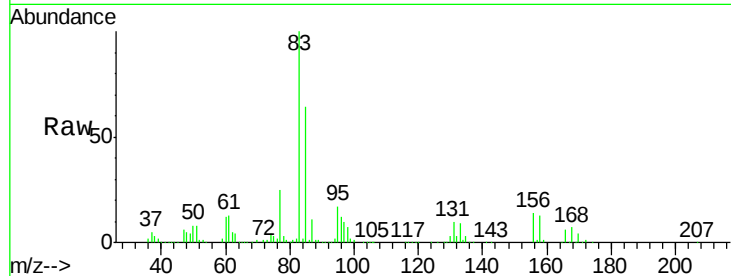
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	331566
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.620 ug/l m

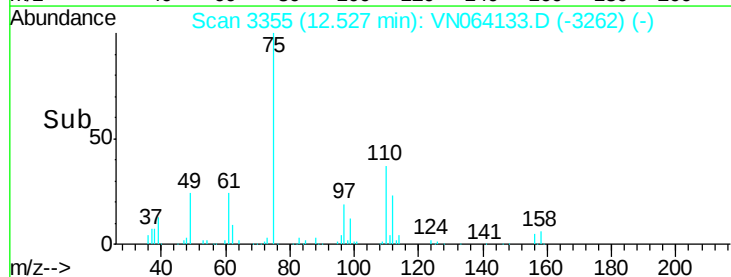
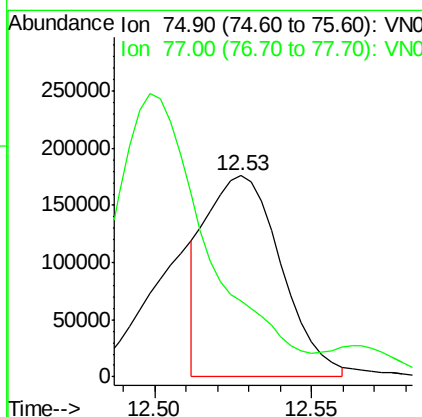
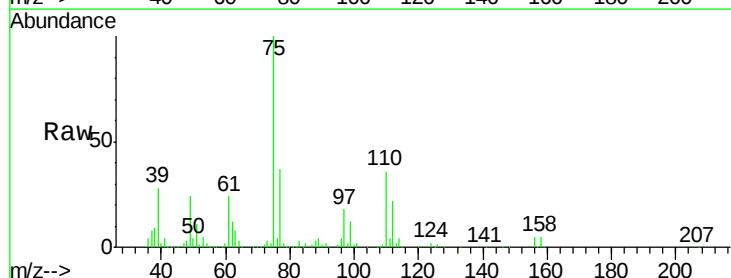
RT: 12.53 min Scan# 3355

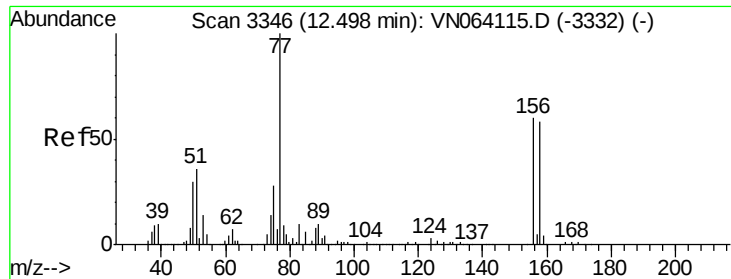
Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	75	Resp:	294058
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.790 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

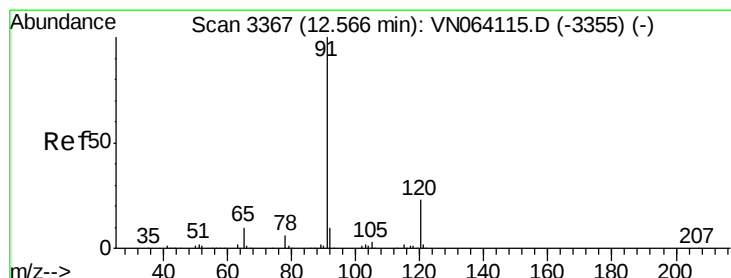
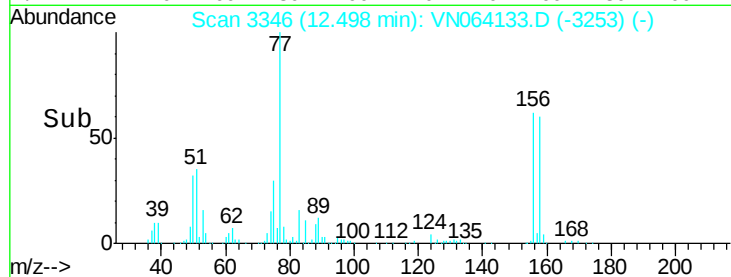
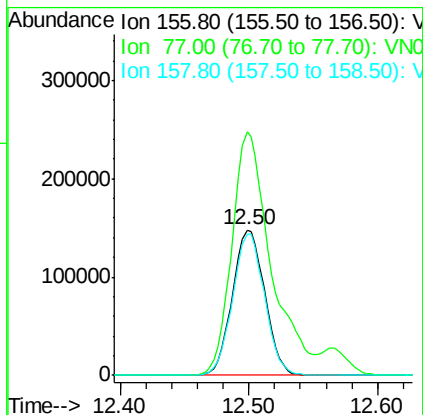
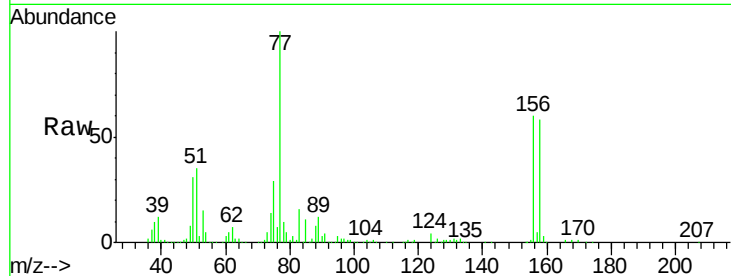
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	258208
Ion Ratio	Lower	Upper	
156	100		
77	200.0	99.3	297.9
158	96.1	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 48.679 ug/l

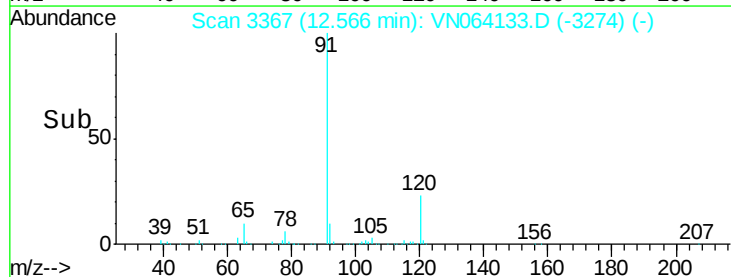
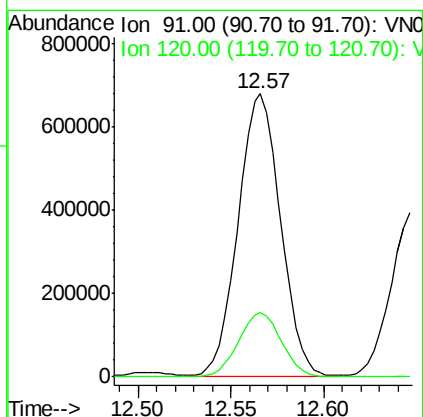
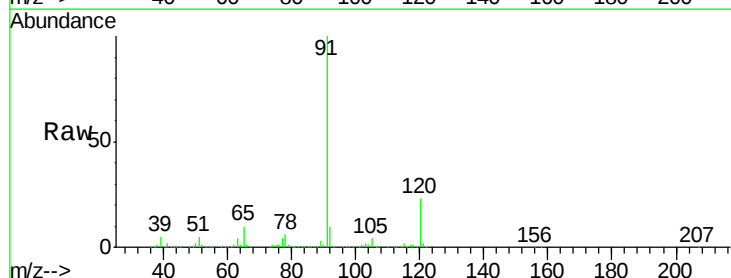
RT: 12.57 min Scan# 3367

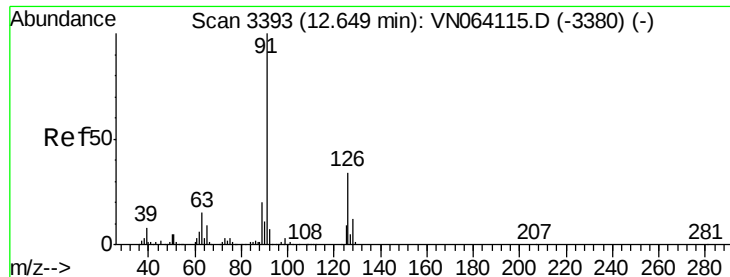
Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	91	Resp:	1081312
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 46.974 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 663625

Ion Ratio Lower Upper

91 100

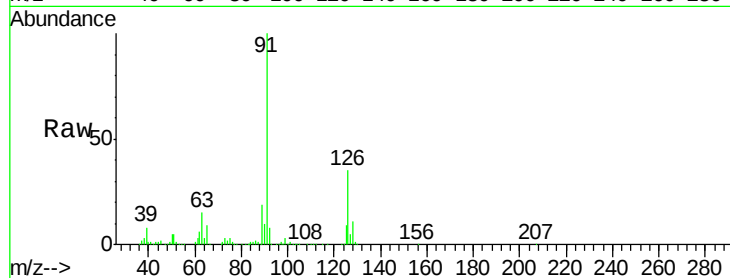
126 34.8 17.5 52.5

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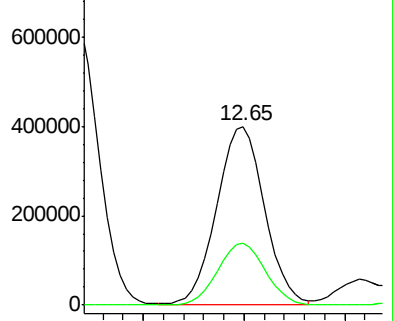
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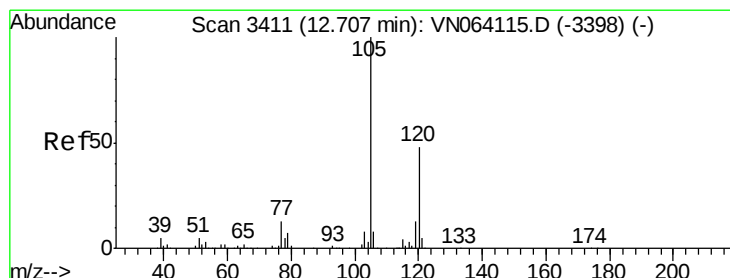
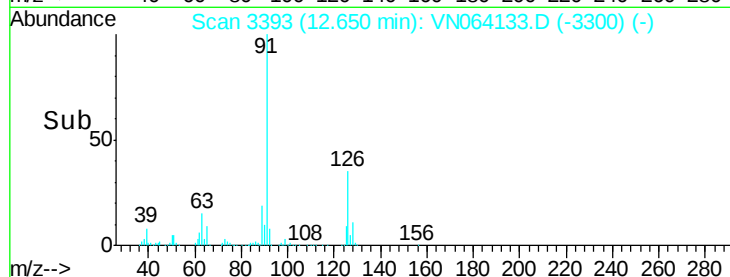


Abundance Ion 91.00 (90.70 to 91.70): VN064133.D (-3300) (-)

Ion 125.90 (125.60 to 126.60): VN064133.D (-3300) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.411 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064133.D

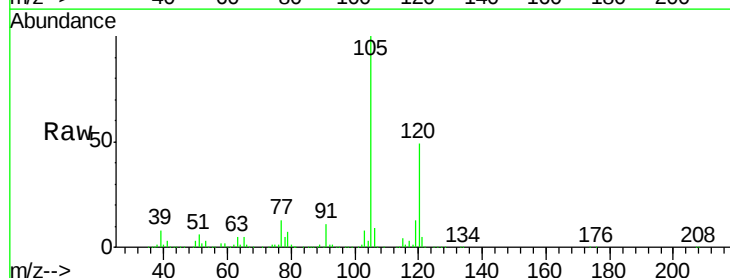
Acq: 14 Oct 2020 23:43

Tgt Ion: 105 Resp: 789308

Ion Ratio Lower Upper

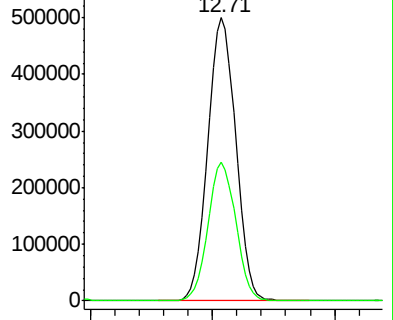
105 100

120 48.8 24.0 72.0

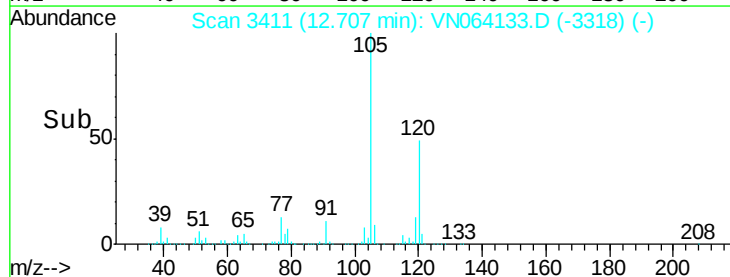


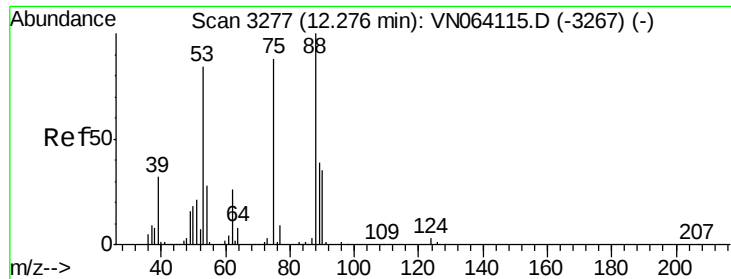
Abundance Ion 105.00 (104.70 to 105.70): VN064133.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064133.D (-3318) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.840 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

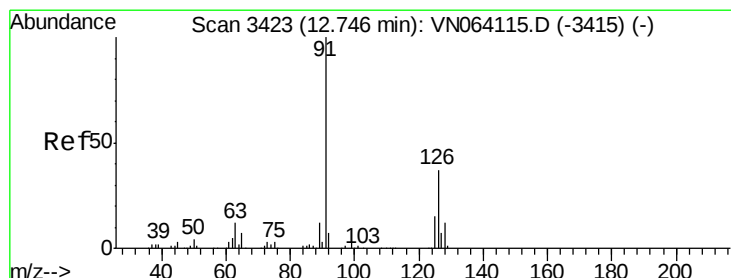
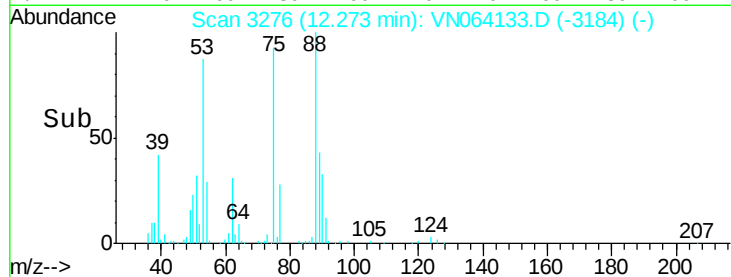
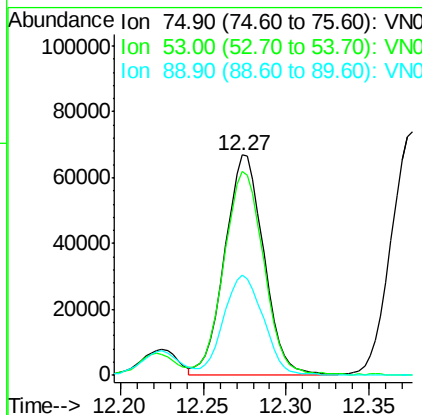
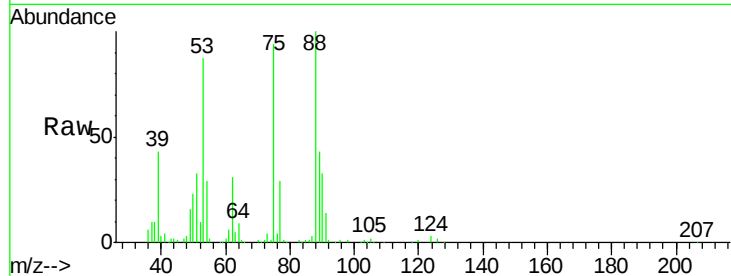
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	109372
Ion Ratio	Lower	Upper	
75	100		
53	93.1	75.7	113.5
89	46.7	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.832 ug/l

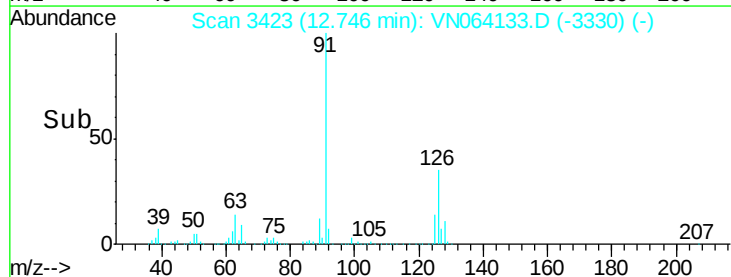
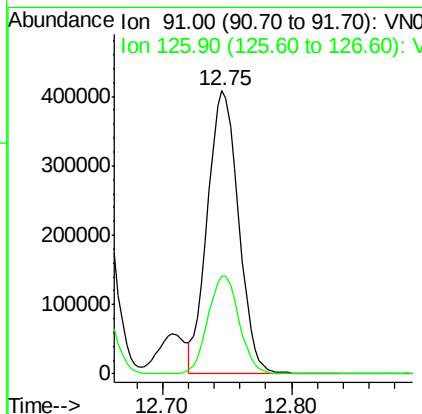
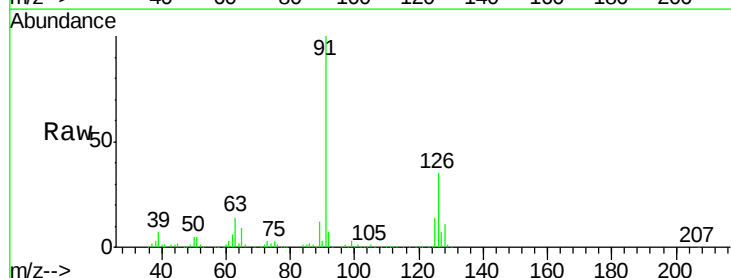
RT: 12.75 min Scan# 3423

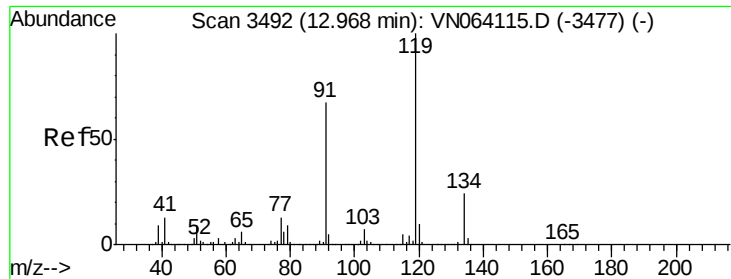
Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	91	Resp:	681051
Ion Ratio	Lower	Upper	
91	100		
126	34.5	17.1	51.2





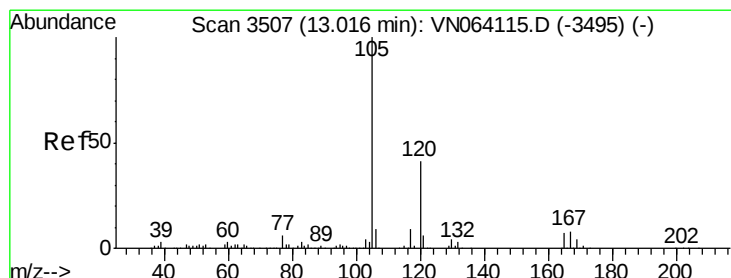
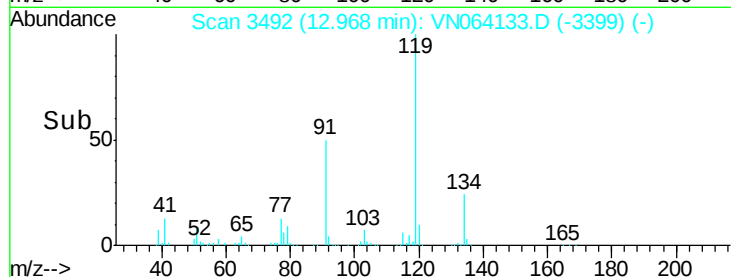
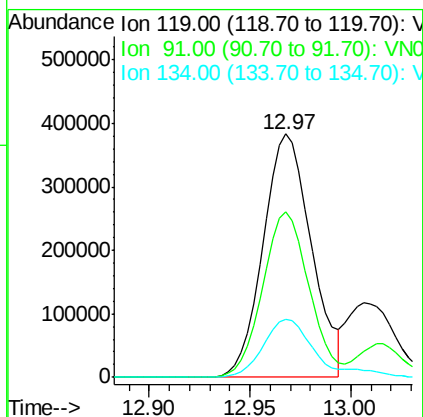
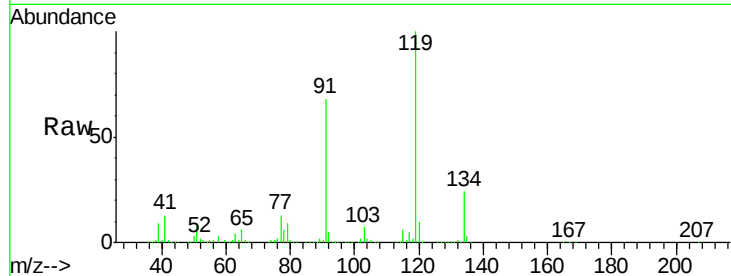
#83
 tert-Butylbenzene
 Concen: 48.274 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.6	98.0
134	25.9	13.0	39.0

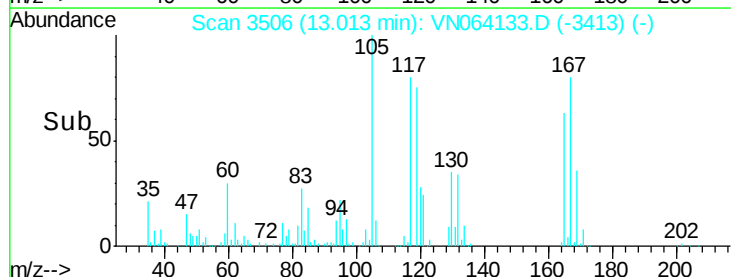
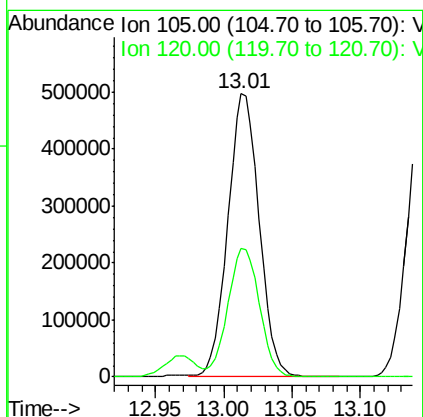
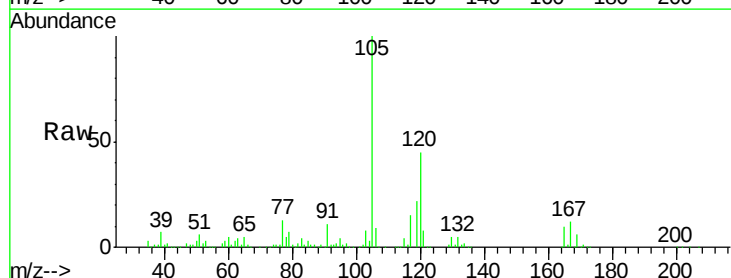
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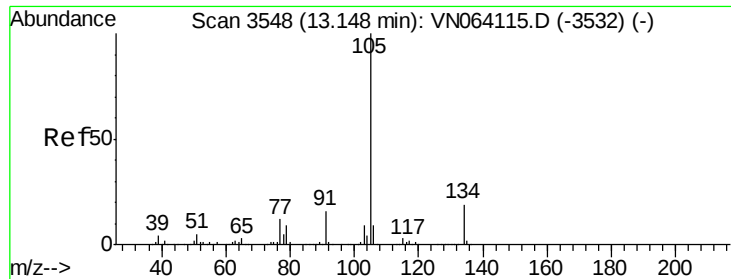
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.548 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.4





#85

sec-Butylbenzene

Concen: 48.176 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 818181

Ion Ratio Lower Upper

105 100

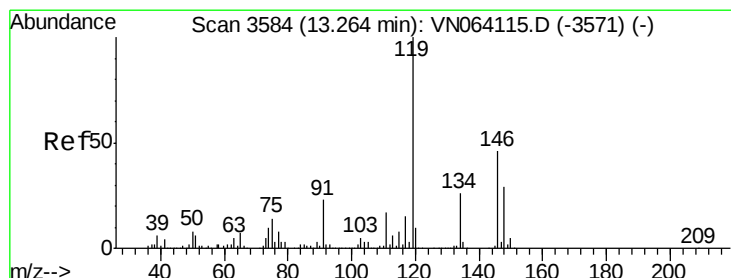
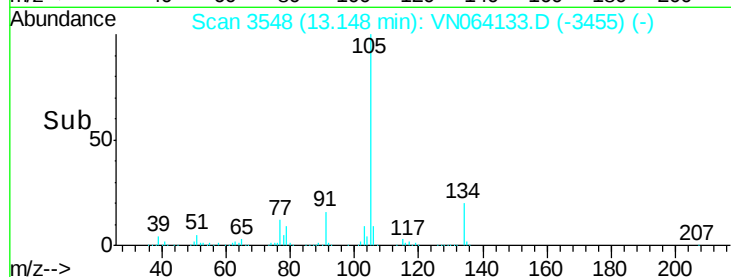
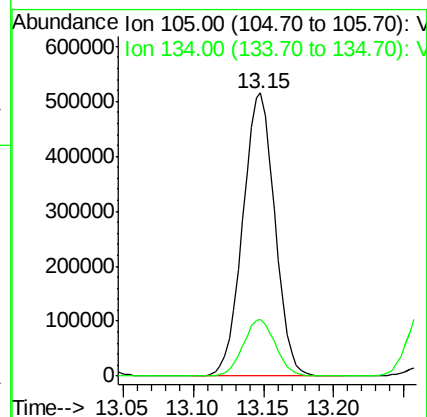
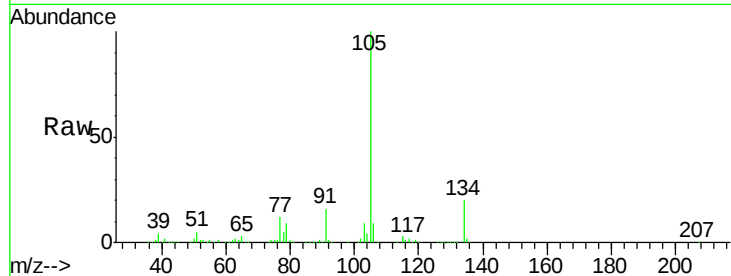
134 20.3 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 46.974 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

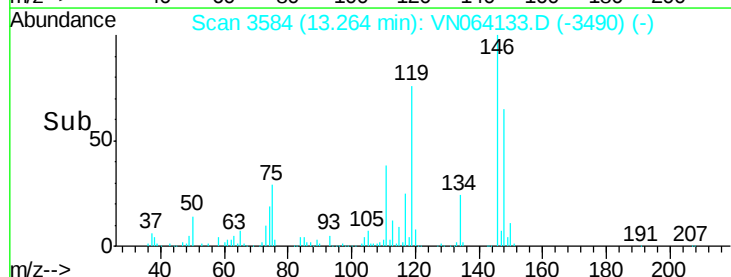
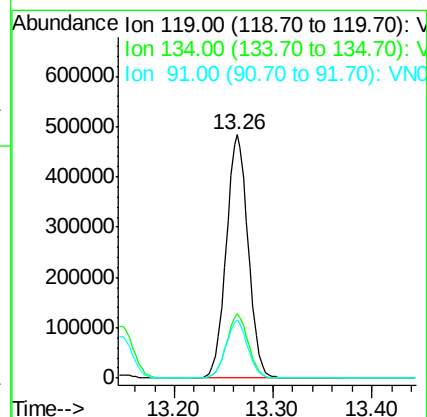
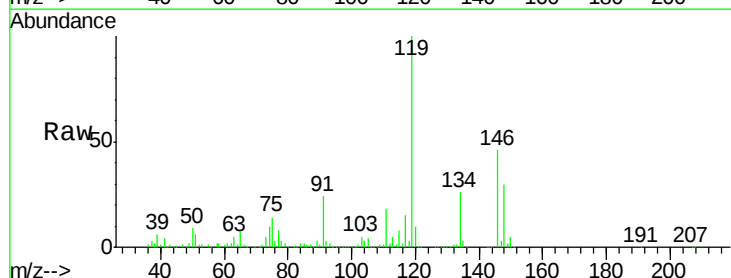
Tgt Ion:119 Resp: 753922

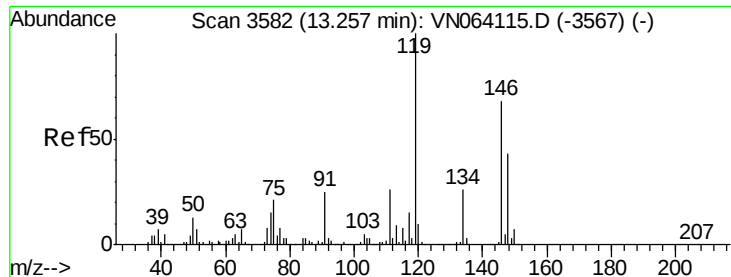
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.5 12.0 36.1





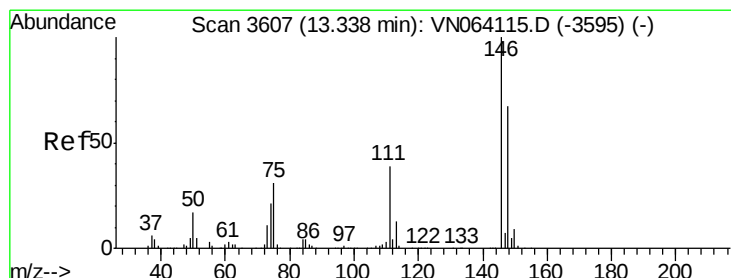
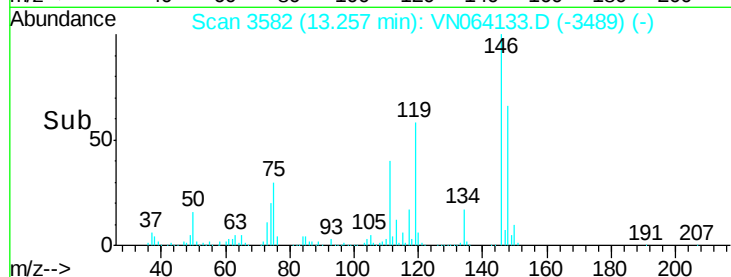
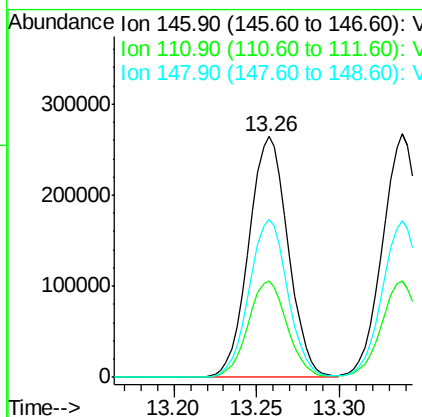
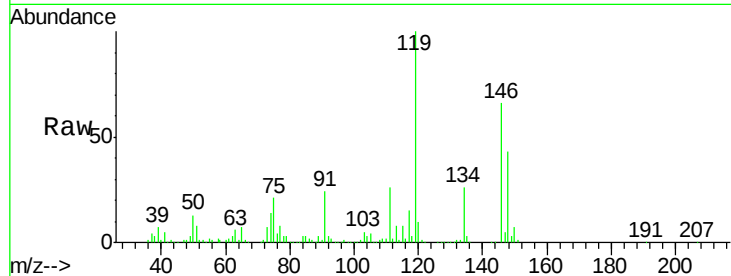
#87
 1,3-Dichlorobenzene
 Concen: 48.570 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	64.4	32.0	96.2

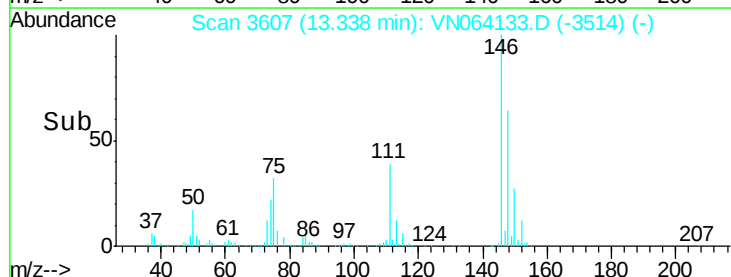
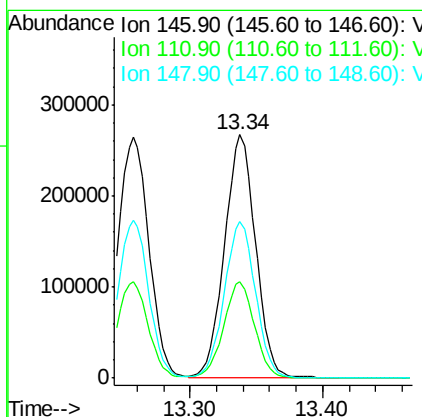
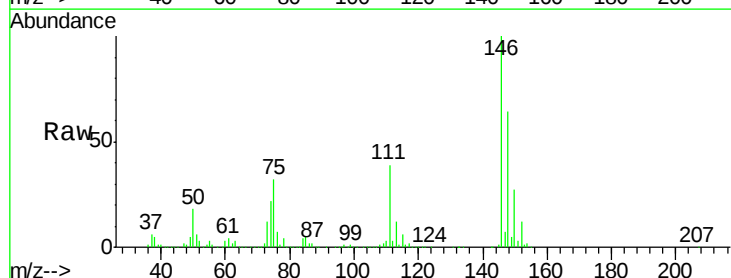
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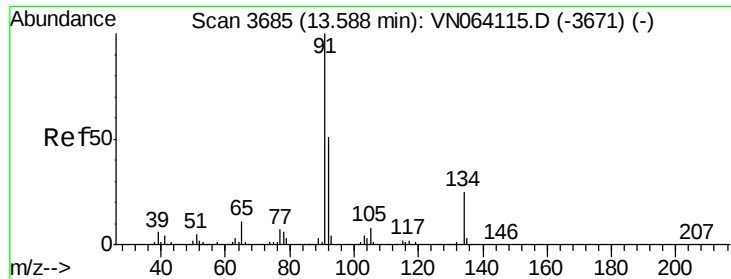
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#88
 1,4-Dichlorobenzene
 Concen: 47.022 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.9
148	64.7	32.1	96.5





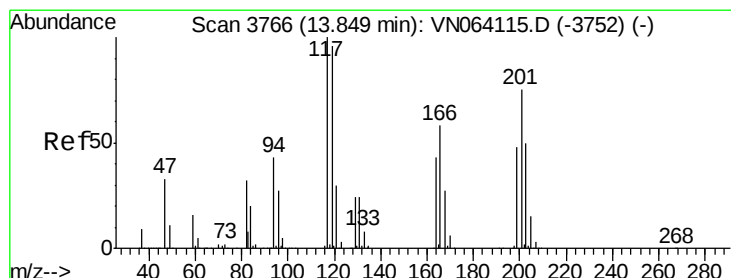
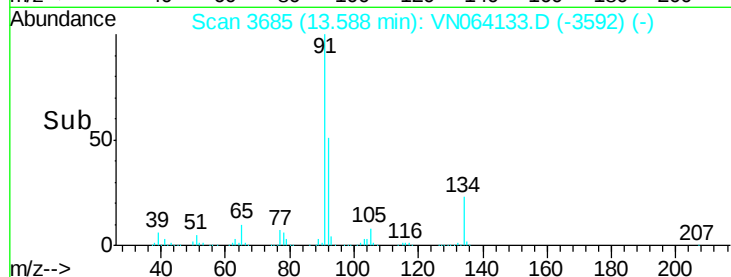
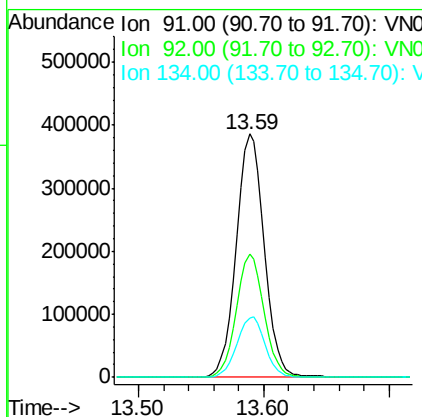
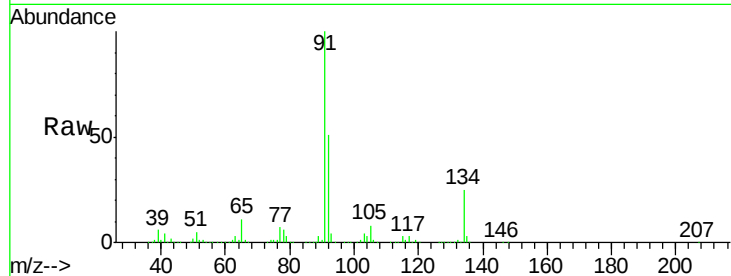
#89
n-Butylbenzene
Concen: 48.283 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.6	76.6
134	25.0	12.6	37.8

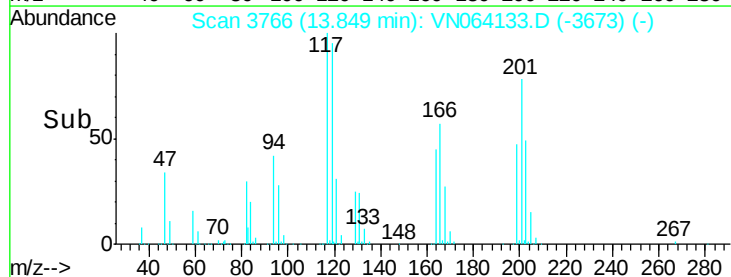
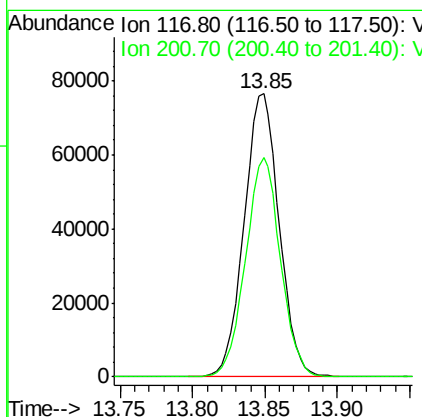
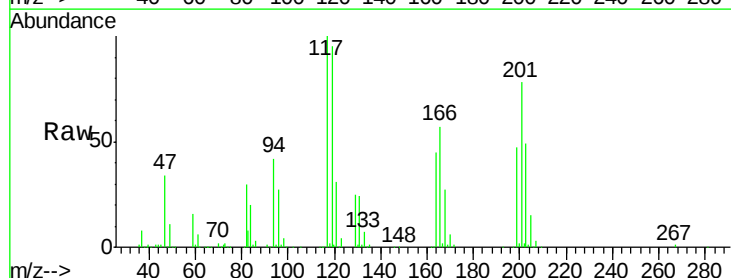
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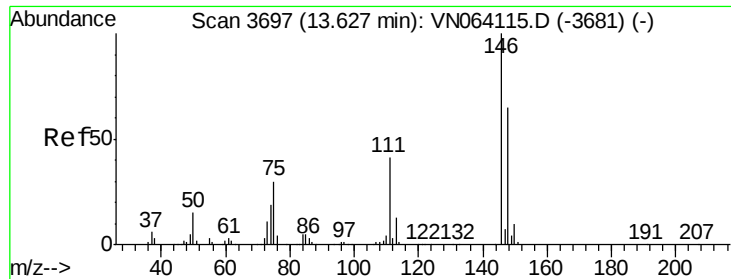
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#90
Hexachloroethane
Concen: 45.538 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064133.D
Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	37.4	112.2





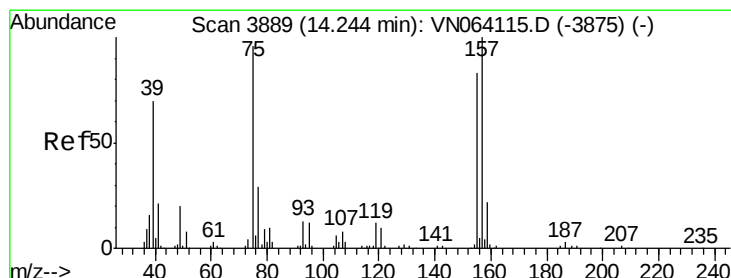
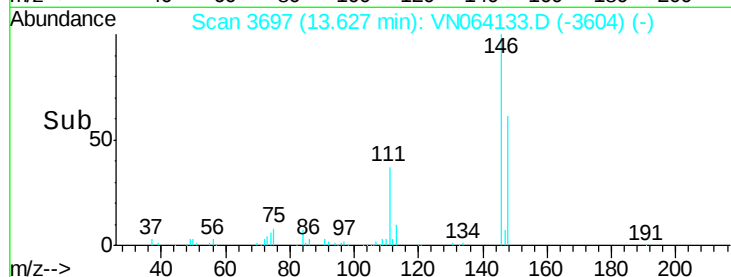
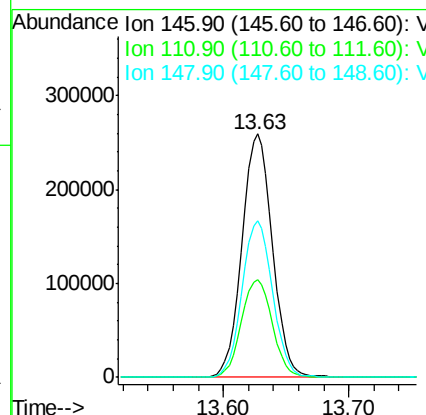
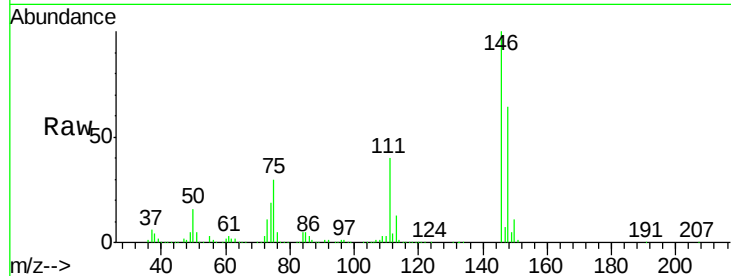
#91
 1,2-Dichlorobenzene
 Concen: 48.783 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.8
148	64.9	32.2	96.6

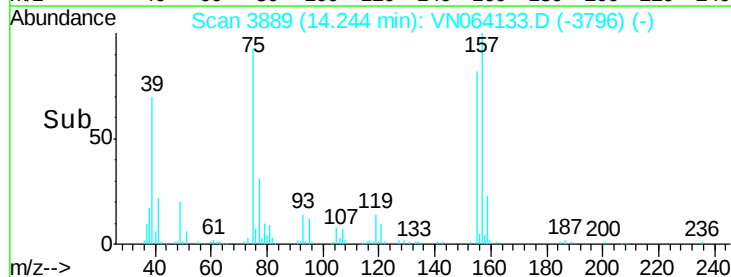
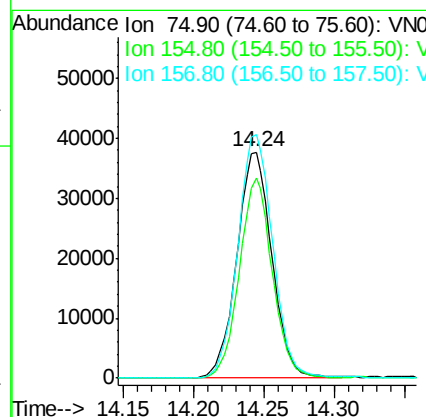
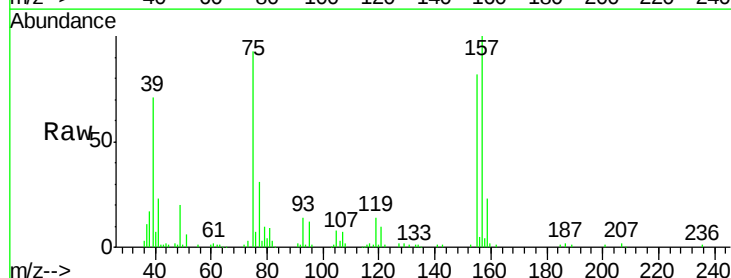
Manual Integrations
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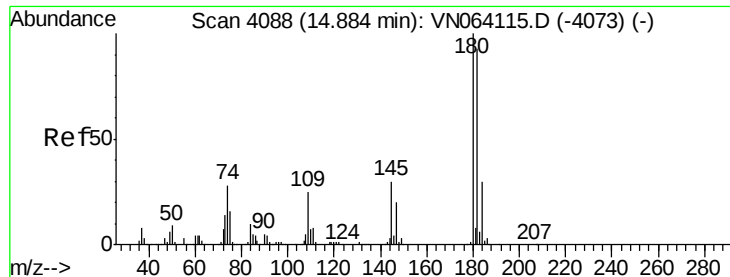
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.895 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	40.8	122.2
157	107.5	53.9	161.7





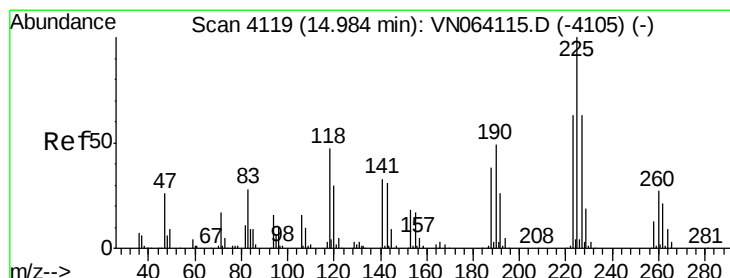
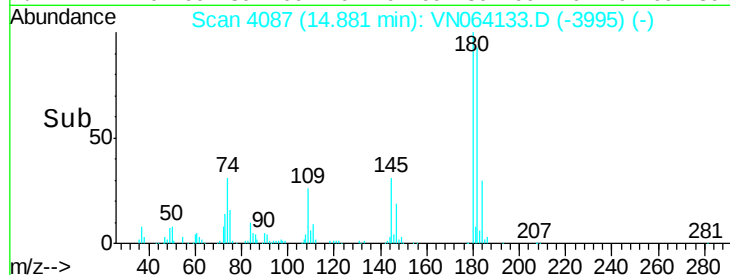
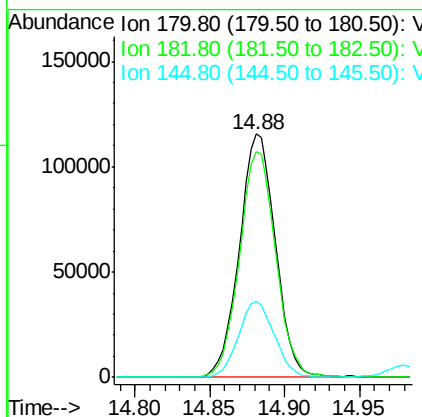
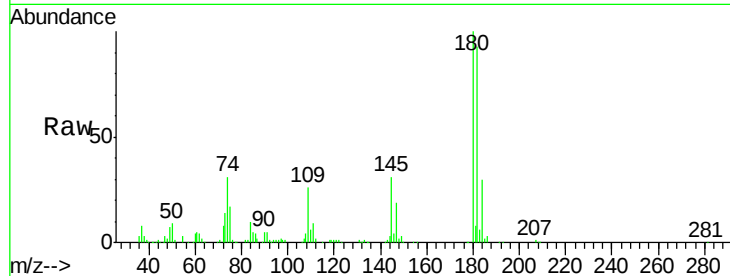
#93
 1,2,4-Trichlorobenzene
 Concen: 44.417 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	193753		
182	93.5	45.8	137.4	
145	31.2	15.4	46.1	

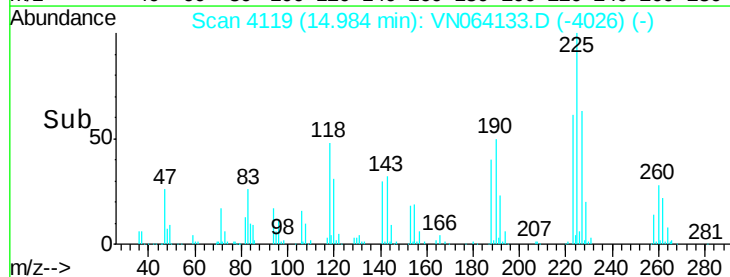
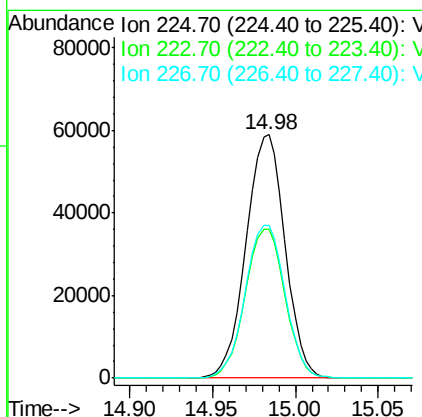
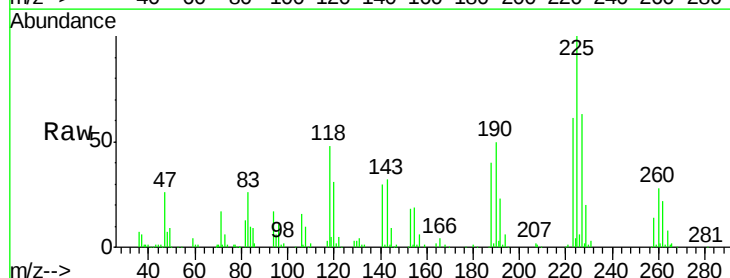
Manual Integrations
 APPROVED

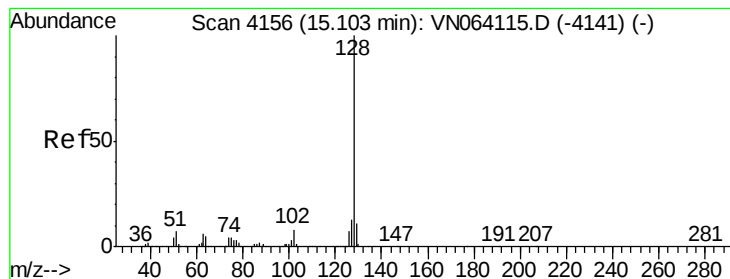
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 45.125 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064133.D
 Acq: 14 Oct 2020 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96317		
223	62.7	32.3	96.9	
227	64.5	31.6	94.8	





#95

Naphthalene

Concen: 45.345 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Instrument :

MSVOA_N

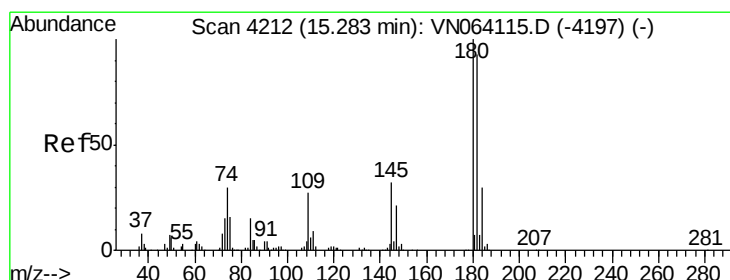
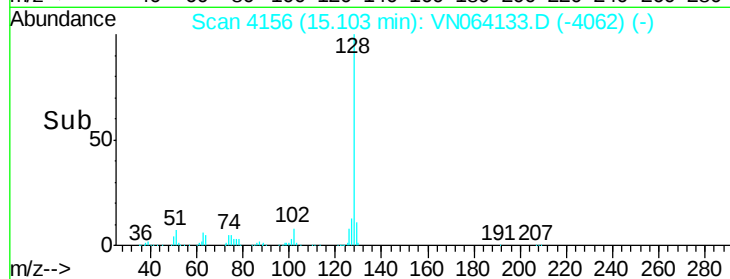
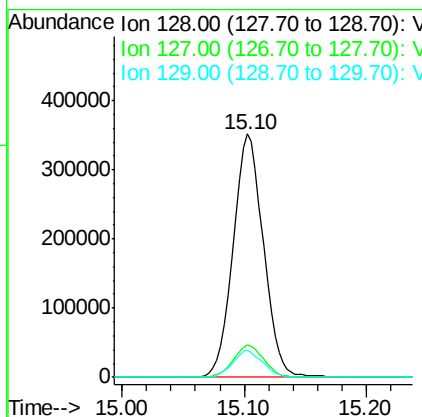
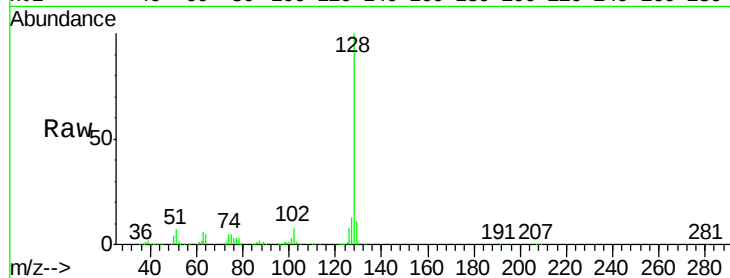
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	604657
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 45.272 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064133.D

Acq: 14 Oct 2020 23:43

Tgt Ion:	180	Resp:	197288
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.6	139.8
145	33.0	16.1	48.2

