

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064110.D
 Acq On : 13 Oct 2020 18:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:09:22 PM

Quant Time: Oct 14 04:08:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	261436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201188	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.55	113	147326	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.06	98	546078	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.38	95	201959	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	106704	38.681	ug/l	100
3) Chloromethane	2.04	50	140521	43.413	ug/l	98
4) Vinyl Chloride	2.16	62	139190	42.839	ug/l	98
5) Bromomethane	2.52	94	86044	42.102	ug/l	92
6) Chloroethane	2.66	64	91455	47.105	ug/l	99
7) Trichlorofluoromethane	2.98	101	226178	43.892	ug/l	97
8) Diethyl Ether	3.37	74	90311	51.821	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129037	46.851	ug/l	98
10) Methyl Iodide	3.91	142	163463	51.115	ug/l	99
11) Tert butyl alcohol	4.73	59	141288	296.299	ug/l	99
12) 1,1-Dichloroethene	3.69	96	119200	45.278	ug/l	97
13) Acrolein	3.56	56	104421	356.800	ug/l	100
14) Allyl chloride	4.28	41	243702	49.828	ug/l	95
15) Acrylonitrile	4.93	53	409669	300.138	ug/l	100
16) Acetone	3.77	43	376675	283.308	ug/l	97
17) Carbon Disulfide	4.01	76	309012	43.520	ug/l	98
18) Methyl Acetate	4.28	43	223799	64.831	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	500774	52.357	ug/l	100
20) Methylene Chloride	4.50	84	156596	51.419	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	137221	46.535	ug/l	91
22) Diisopropyl ether	5.90	45	569717	56.617	ug/l	96
23) Vinyl Acetate	5.84	43	2338697	280.570	ug/l	99
24) 1,1-Dichloroethane	5.80	63	291589	50.680	ug/l	98
25) 2-Butanone	6.78	43	585143	310.423	ug/l	98
26) 2,2-Dichloropropane	6.77	77	238771	45.317	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	164598	48.534	ug/l	97
28) Bromochloromethane	7.15	49	152696	53.696	ug/l	97
29) Tetrahydrofuran	7.16	42	396058	313.275	ug/l	96
30) Chloroform	7.33	83	300048	50.015	ug/l	94
31) Cyclohexane	7.61	56	228860	45.642	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	263369	48.672	ug/l	98
36) 1,1-Dichloropropene	7.75	75	207555	47.699	ug/l	99
37) Ethyl Acetate	6.88	43	246484	57.015	ug/l	99
38) Carbon Tetrachloride	7.73	117	223756	45.858	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	190021	43.791	ug/l	98
40) Benzene	8.00	78	630236	50.709	ug/l	98
41) Methacrylonitrile	7.13	41	100056m	52.075	ug/l	
42) 1,2-Dichloroethane	8.08	62	248894	46.914	ug/l	99
43) Isopropyl Acetate	8.13	43	409392	57.412	ug/l #	91
44) Trichloroethene	8.80	130	151809	46.618	ug/l	99
45) 1,2-Dichloropropane	9.08	63	179293	53.416	ug/l	98
46) Dibromomethane	9.17	93	112963	48.785	ug/l	98
47) Bromodichloromethane	9.37	83	245170	51.375	ug/l	98
48) Methyl methacrylate	9.17	41	208064	59.058	ug/l	89
49) 1,4-Dioxane	9.17	88	51718	1032.903	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1281063	306.132	ug/l	99
52) Toluene	10.13	92	388413	50.525	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	265436	51.889	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	273334	51.092	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	161847	52.498	ug/l	98
56) Ethyl methacrylate	10.40	69	248428	56.849	ug/l	94
57) 1,3-Dichloropropane	10.68	76	276050	52.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	668550	286.007	ug/l	99
59) 2-Hexanone	10.72	43	936456	301.243	ug/l	100
60) Dibromochloromethane	10.87	129	183563	51.127	ug/l	98
61) 1,2-Dibromoethane	10.98	107	164292	52.096	ug/l	99
64) Tetrachloroethene	10.60	164	136676	43.654	ug/l	99
65) Chlorobenzene	11.41	112	409412	49.319	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	163306	51.314	ug/l	99
67) Ethyl Benzene	11.48	91	755485	50.015	ug/l	100
68) m/p-Xylenes	11.59	106	545730	96.938	ug/l	98
69) o-Xylene	11.92	106	264680	50.301	ug/l	99
70) Styrene	11.94	104	468153	52.413	ug/l	98
71) Bromoform	12.10	173	127074	52.208	ug/l #	97
73) Isopropylbenzene	12.22	105	713138	51.329	ug/l	99
74) N-amyl acetate	12.05	43	354838	54.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	237888	55.993	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	220420m	52.494	ug/l	
77) Bromobenzene	12.50	156	179058	52.523	ug/l	99
78) n-propylbenzene	12.57	91	815545	50.438	ug/l	100
79) 2-Chlorotoluene	12.65	91	509591	51.244	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	597808	51.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82643	56.687	ug/l	96
82) 4-Chlorotoluene	12.75	91	526593	51.010	ug/l	100
83) tert-Butylbenzene	12.97	119	481134	50.463	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	598952	51.468	ug/l	97
85) sec-Butylbenzene	13.15	105	628942	50.224	ug/l	100
86) p-Isopropyltoluene	13.26	119	567968	51.268	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	307296	49.824	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	305646	47.596	ug/l	98
89) n-Butylbenzene	13.59	91	455907	44.588	ug/l	99
90) Hexachloroethane	13.85	117	108831	50.696	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	310311	50.797	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52001	52.191	ug/l	94

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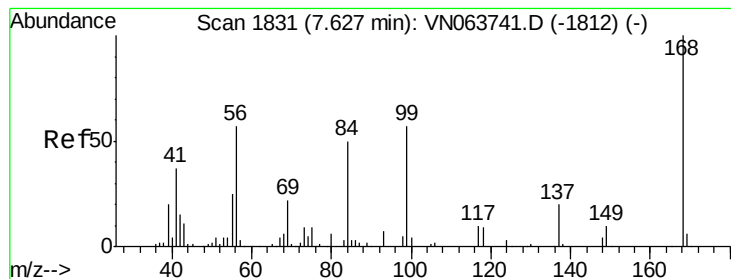
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	134811	40.911	ug/l	99
94) Hexachlorobutadiene	14.98	225	81401	49.147	ug/l	98
95) Naphthalene	15.10	128	418281	41.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138424	43.186	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

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Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 261436

Ion Ratio Lower Upper

168 100

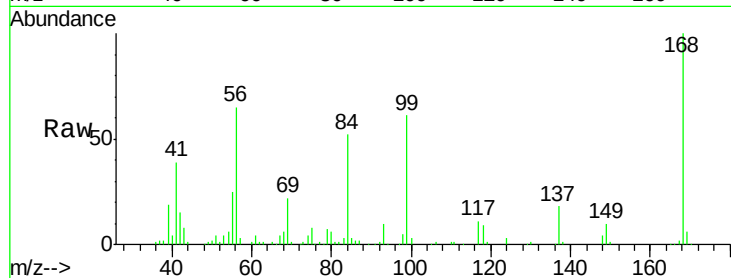
99 61.1 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

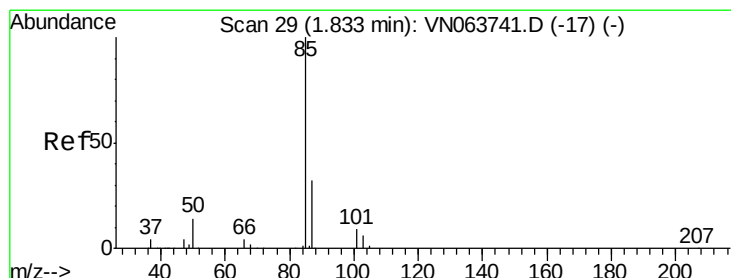
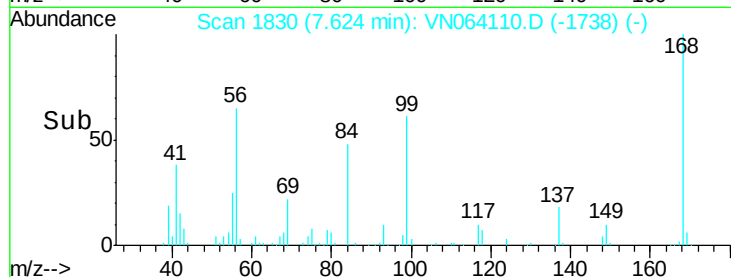
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.681 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064110.D

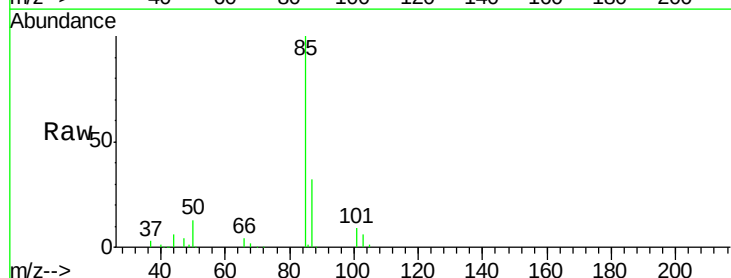
Acq: 13 Oct 2020 18:46

Tgt Ion: 85 Resp: 106704

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

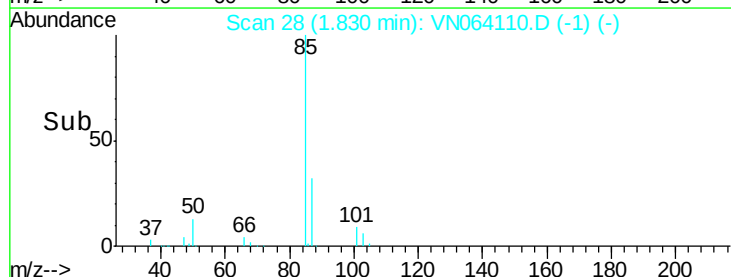
60000

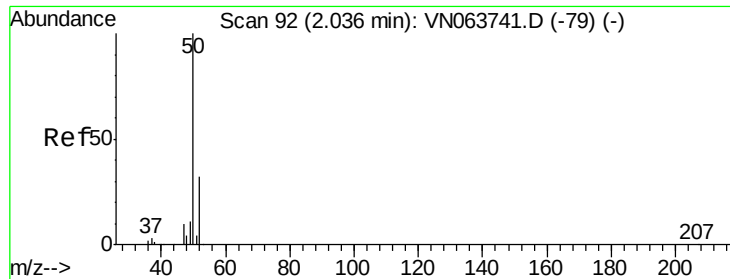
40000

20000

0

Time-->





#3

Chloromethane

Concen: 43.413 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 140521

Ion Ratio Lower Upper

50 100

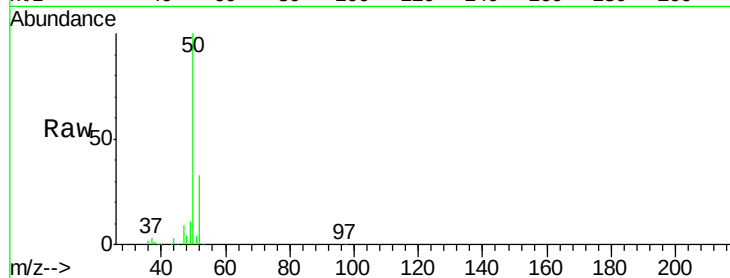
52 33.3 25.8 38.8

Manual Integrations

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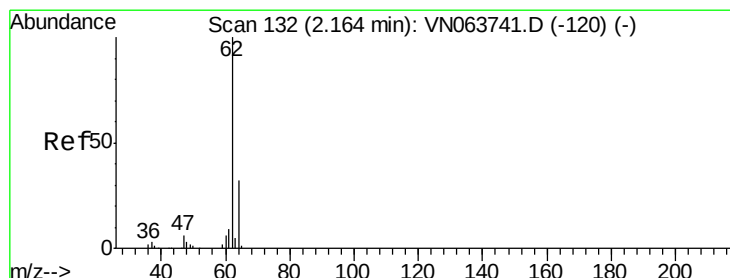
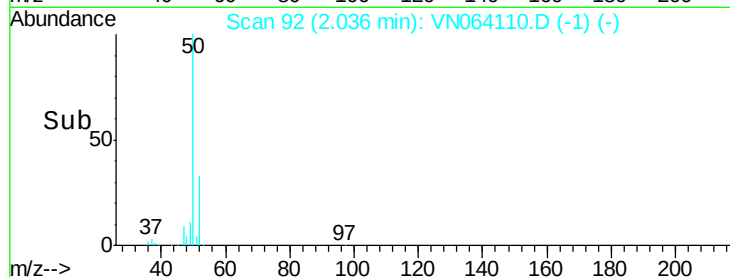
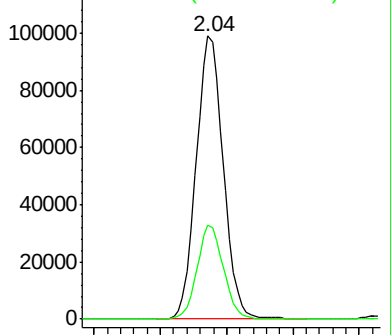
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 42.839 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064110.D

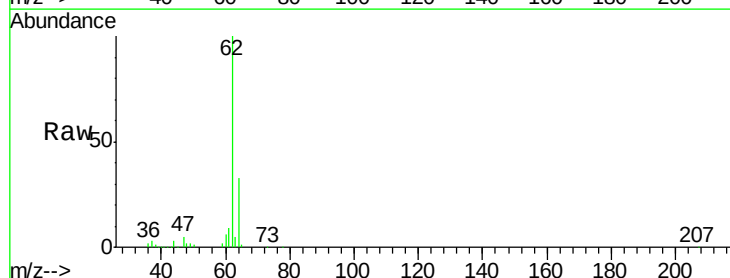
Acq: 13 Oct 2020 18:46

Tgt Ion: 62 Resp: 139190

Ion Ratio Lower Upper

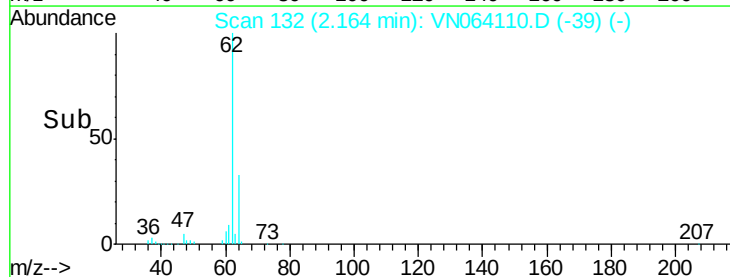
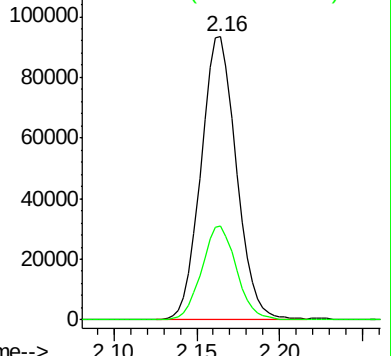
62 100

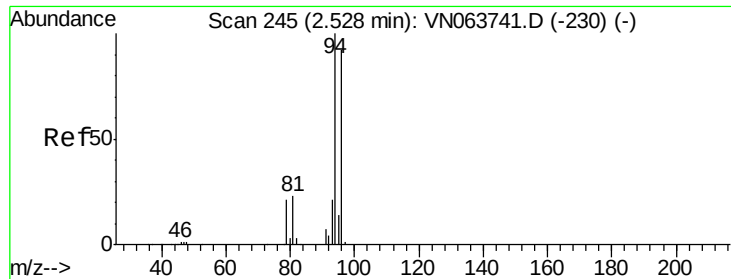
64 33.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 42.102 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86044

Ion Ratio Lower Upper

94 100

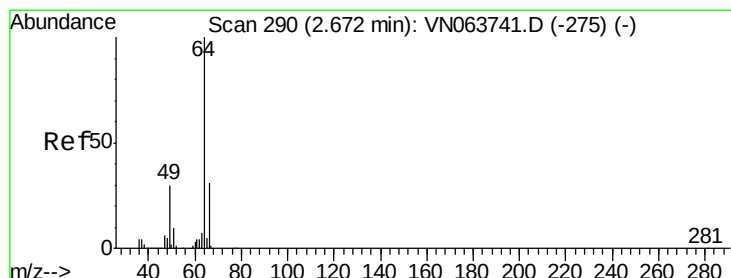
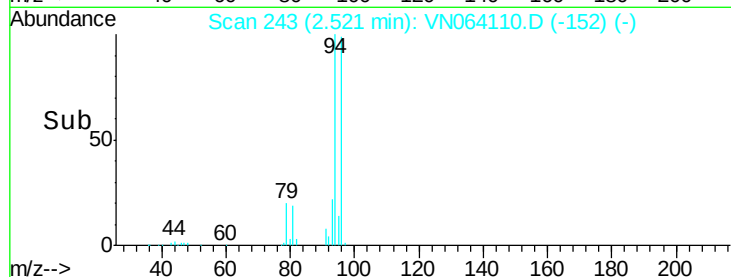
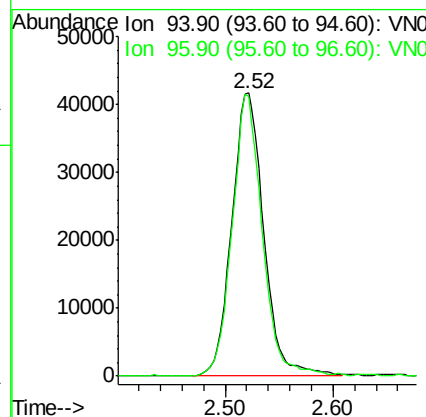
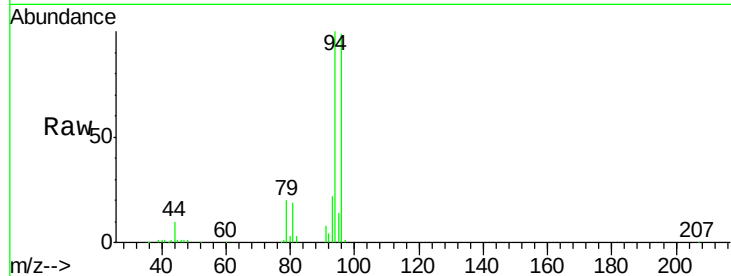
96 99.0 73.3 109.9

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#6

Chloroethane

Concen: 47.105 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN064110.D

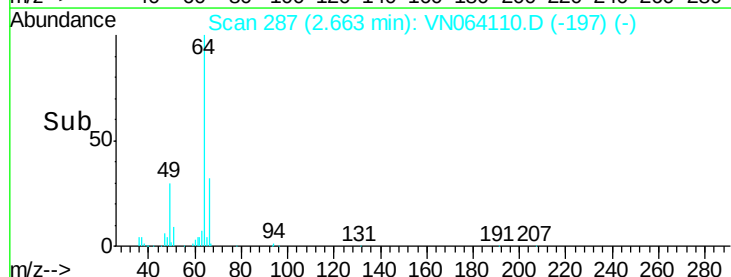
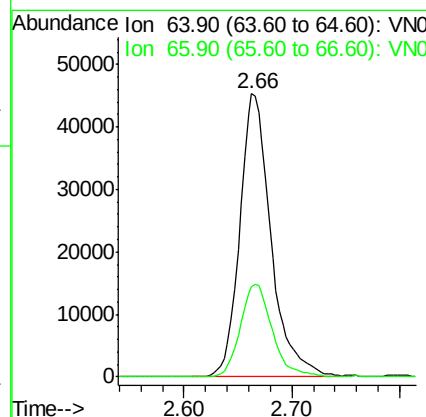
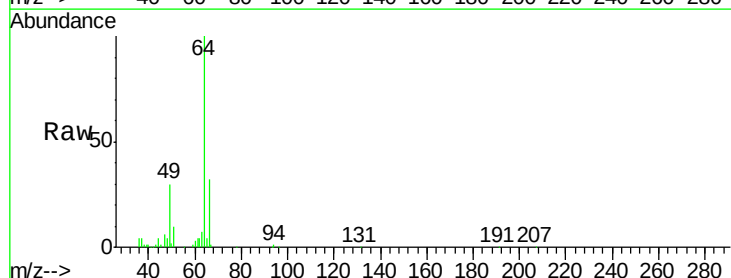
Acq: 13 Oct 2020 18:46

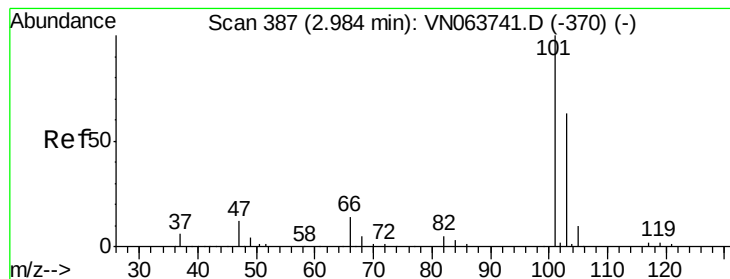
Tgt Ion: 64 Resp: 91455

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7





#7

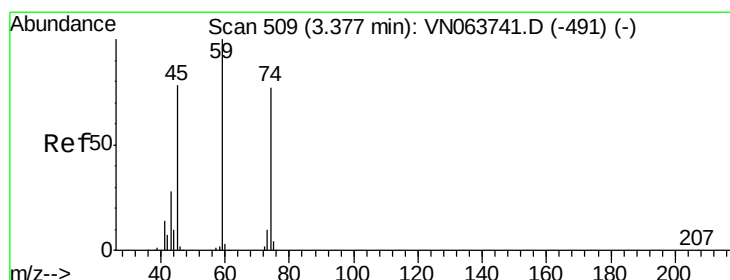
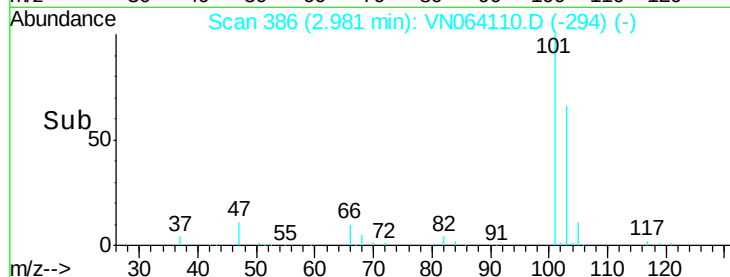
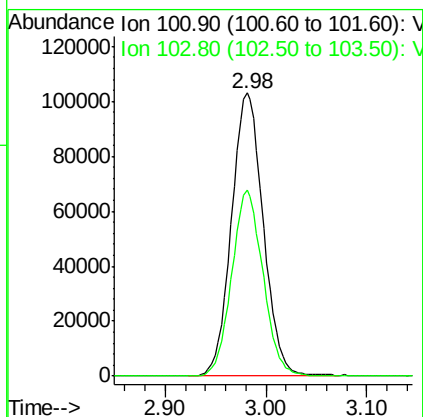
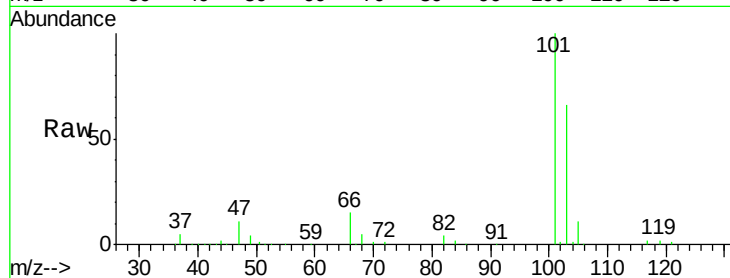
Trichlorofluoromethane
Concen: 43.892 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

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ClientSampleId :
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Tot Ion:101 Resp: 226178
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1

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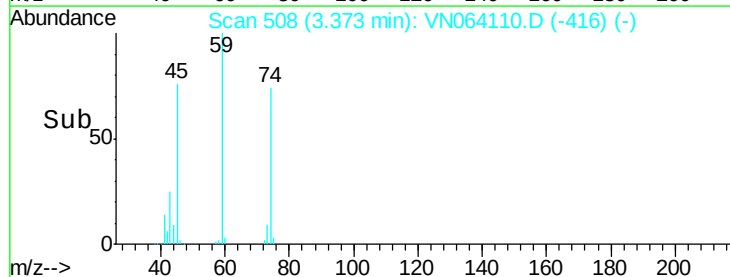
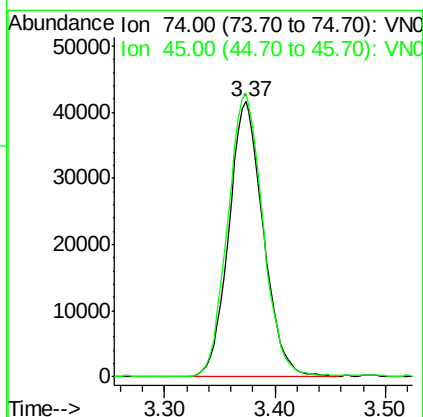
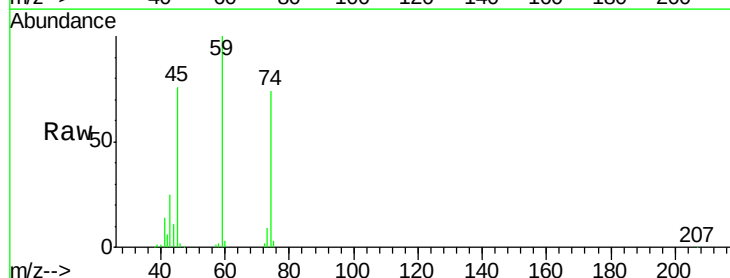
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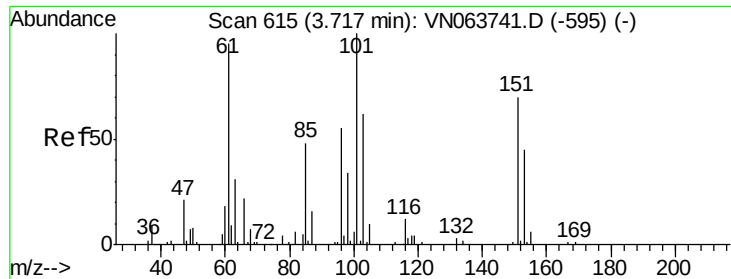


#8

Diethyl Ether
Concen: 51.821 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 74 Resp: 90311
Ion Ratio Lower Upper
74 100
45 105.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.851 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

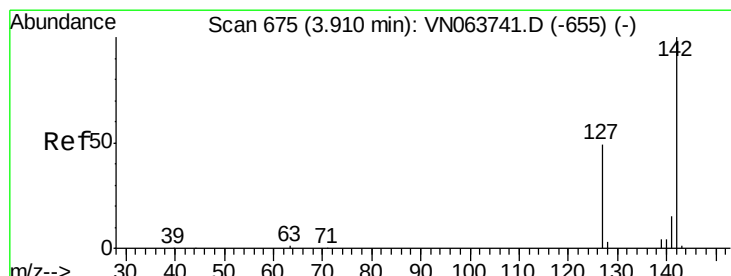
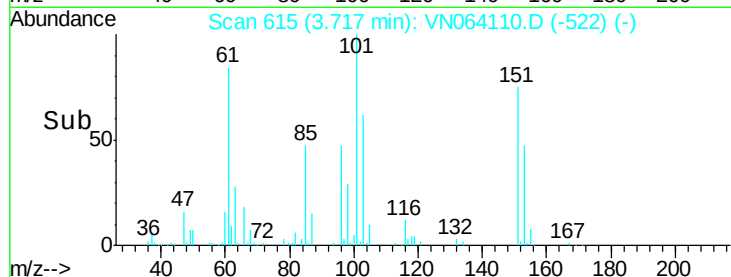
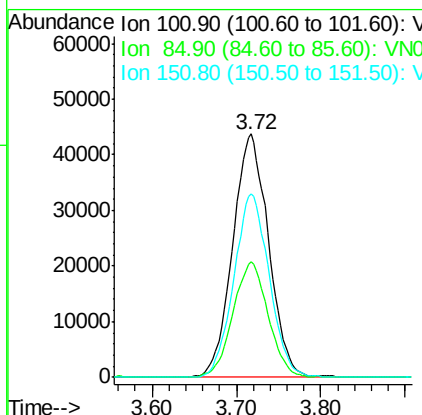
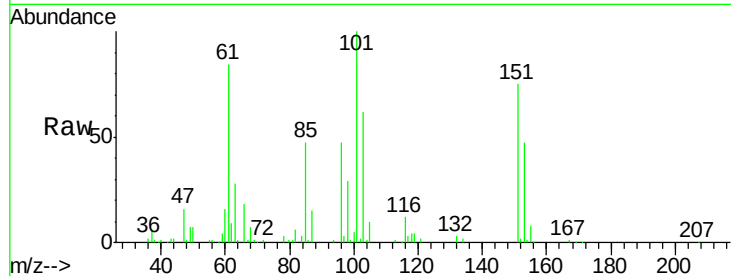
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	129037
Ion Ratio	Lower	Upper	
101	100		
85	46.7	38.6	58.0
151	74.5	58.7	88.1

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#10

Methyl Iodide

Concen: 51.115 ug/l

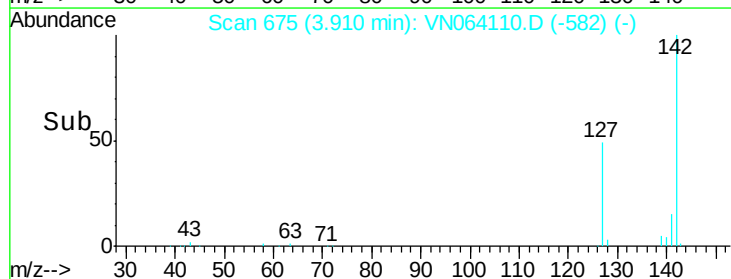
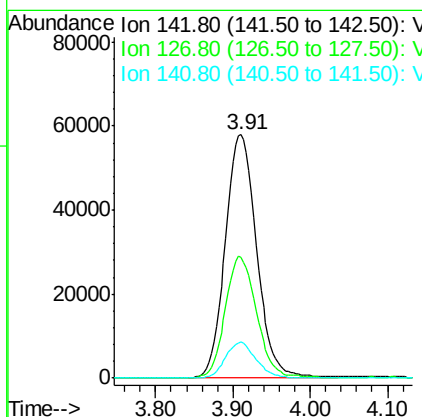
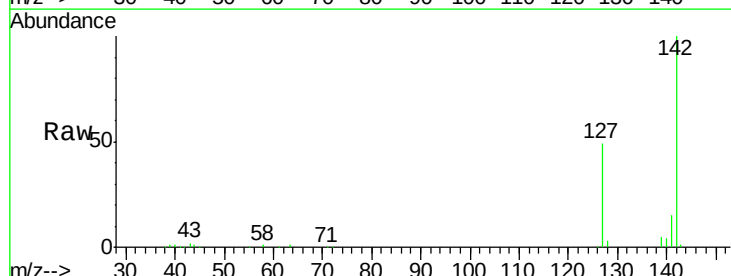
RT: 3.91 min Scan# 675

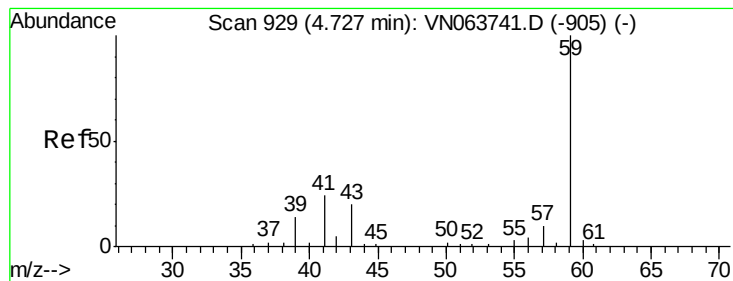
Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion:	142	Resp:	163463
Ion Ratio	Lower	Upper	
142	100		
127	49.4	40.5	60.7
141	14.3	11.7	17.5





#11

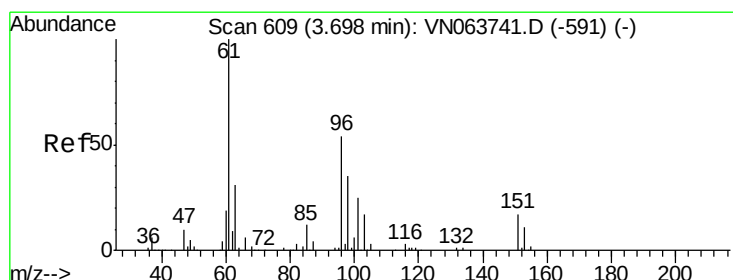
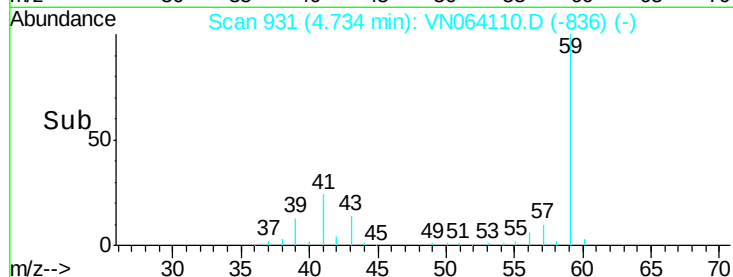
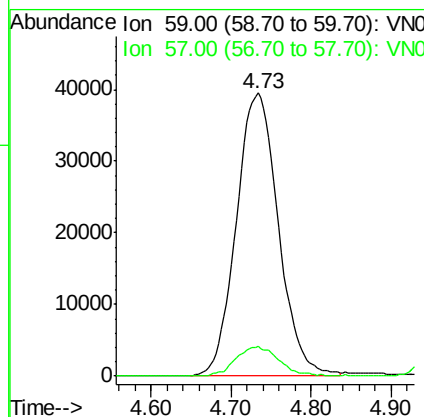
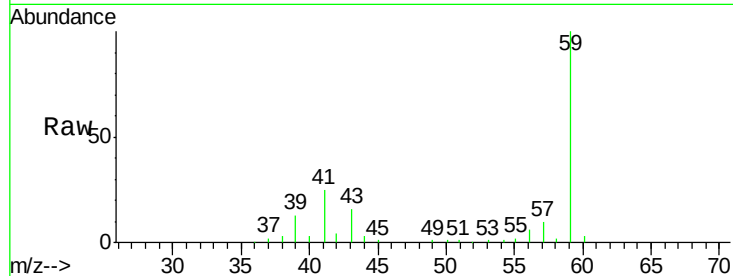
Tert butyl alcohol
Concen: 296.299 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 141288
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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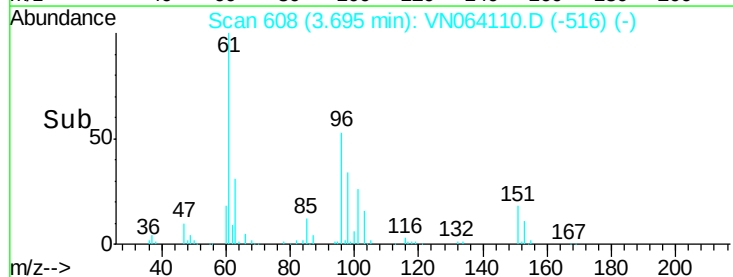
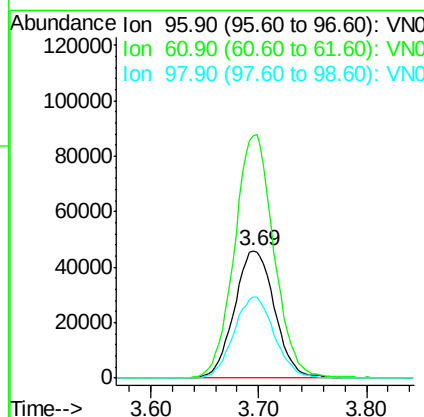
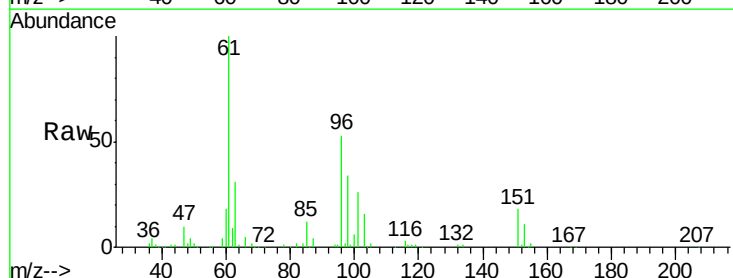
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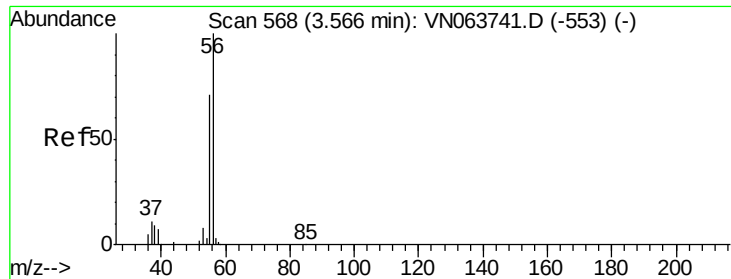


#12

1,1-Dichloroethene
Concen: 45.278 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 96 Resp: 119200
Ion Ratio Lower Upper
96 100
61 189.1 147.7 221.5
98 63.9 51.9 77.9





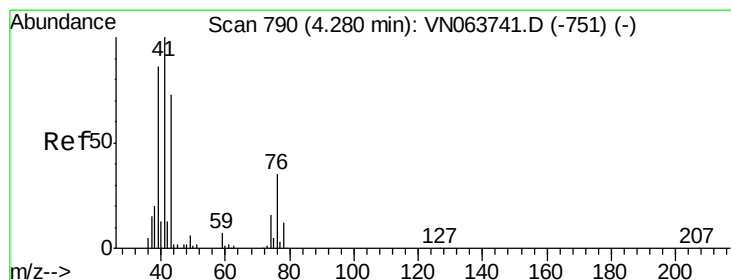
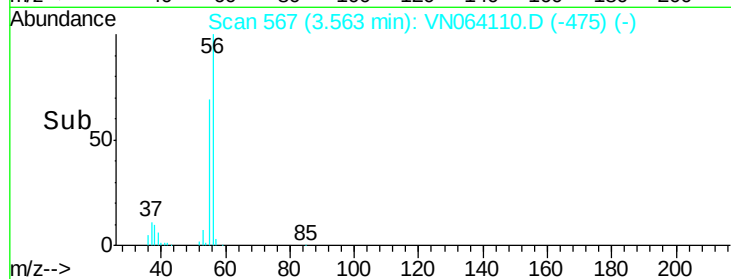
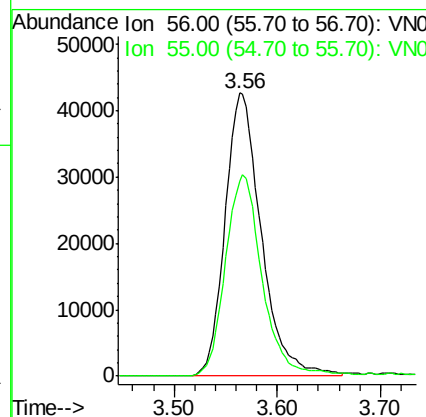
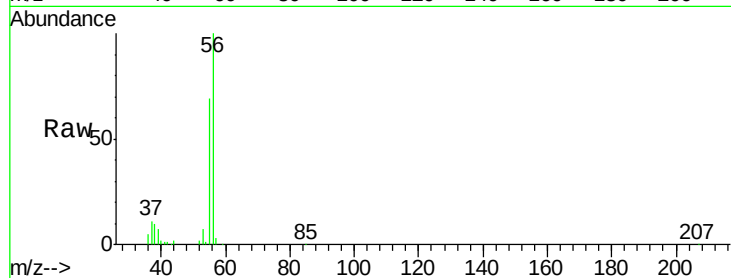
#13
 Acrolein
 Concen: 356.800 ug/l
 RT: 3.56 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	56	Resp	104421
Ion Ratio	Lower	Upper	
56	100		
55	71.1	56.9	85.3

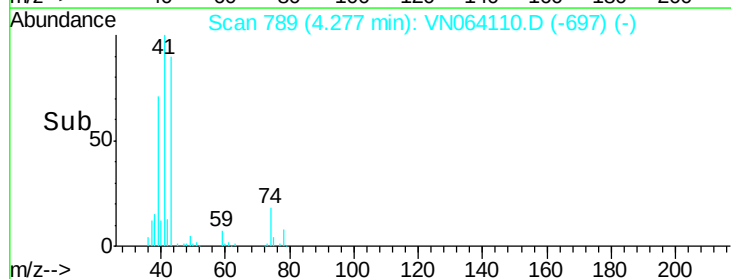
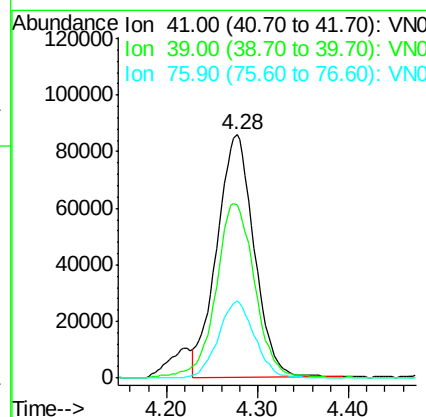
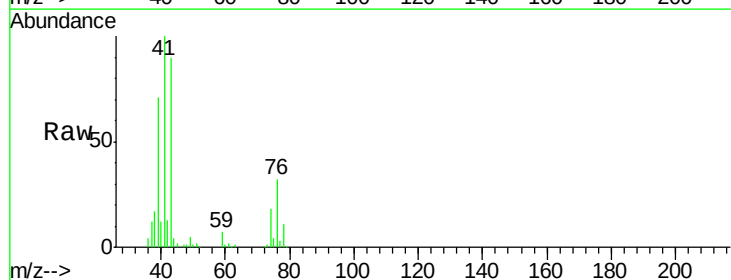
Manual Integrations
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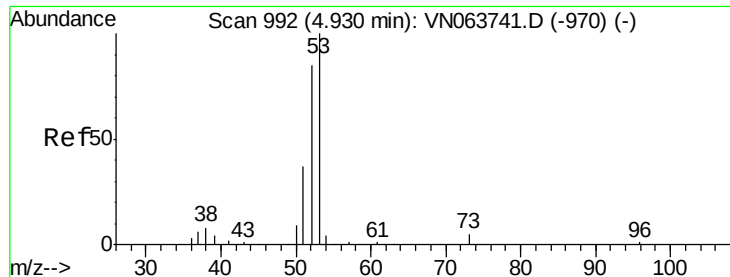
MMDadoda
 10/14/2020 2:09:22 PM



#14
 Allyl chloride
 Concen: 49.828 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	41	Resp	243702
Ion Ratio	Lower	Upper	
41	100		
39	75.6	64.5	96.7
76	30.7	25.9	38.9





#15

Acrylonitrile

Concen: 300.138 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

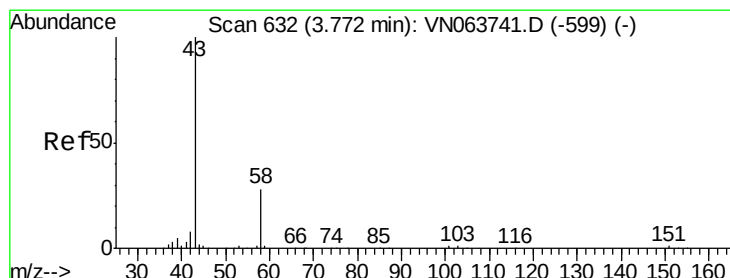
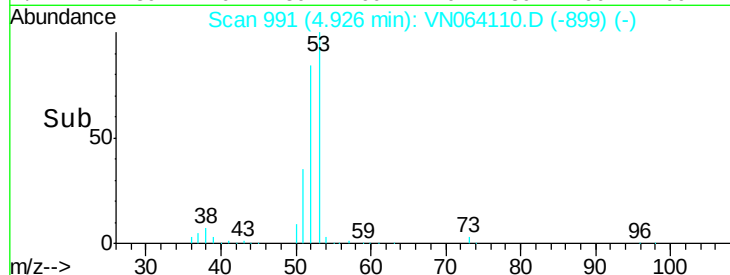
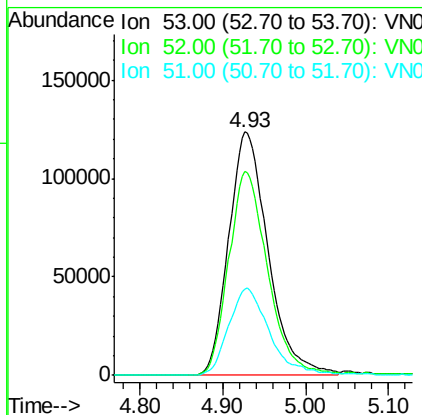
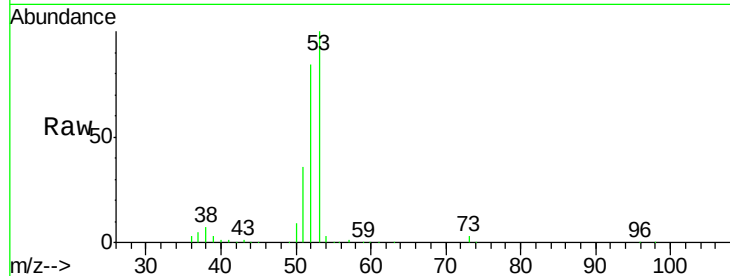
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	409669
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.5	99.7
51	36.9	29.9	44.9

Manual Integrations
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10/14/2020 2:09:22 PM



#16

Acetone

Concen: 283.308 ug/l

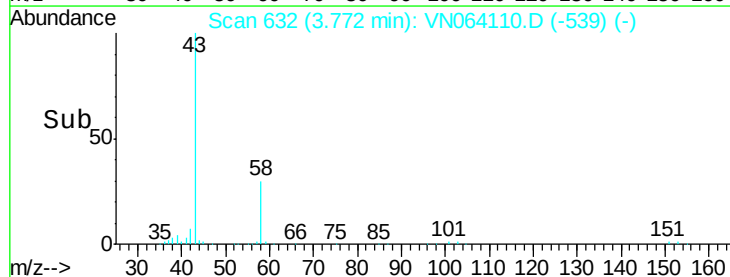
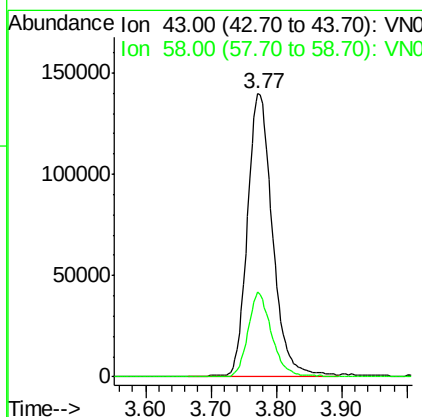
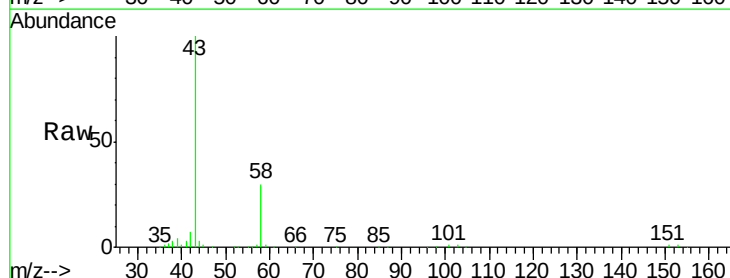
RT: 3.77 min Scan# 632

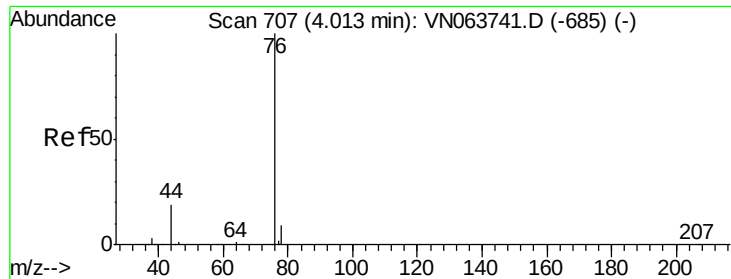
Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion:	43	Resp:	376675
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.3	33.5





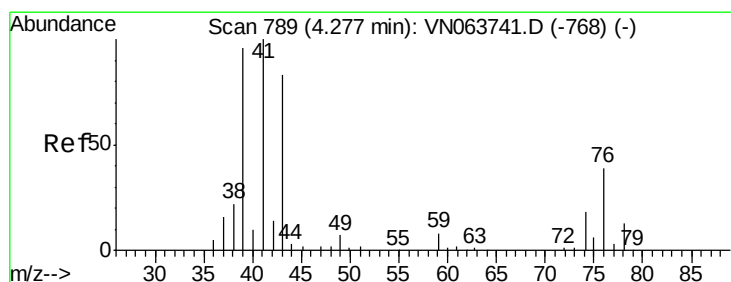
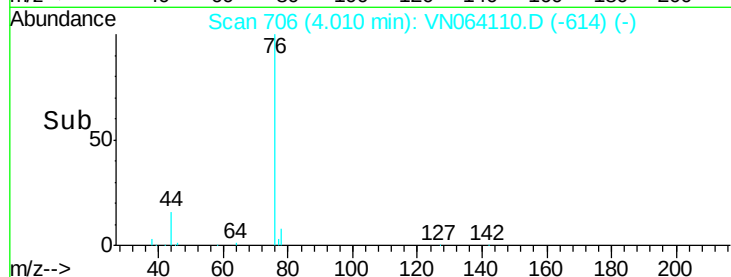
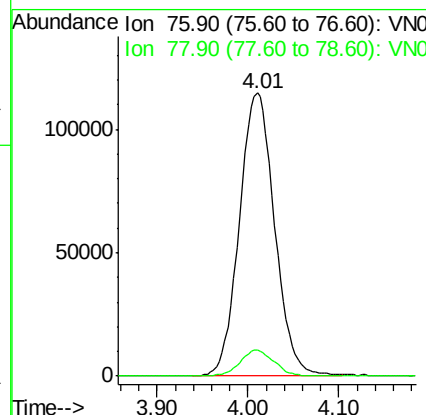
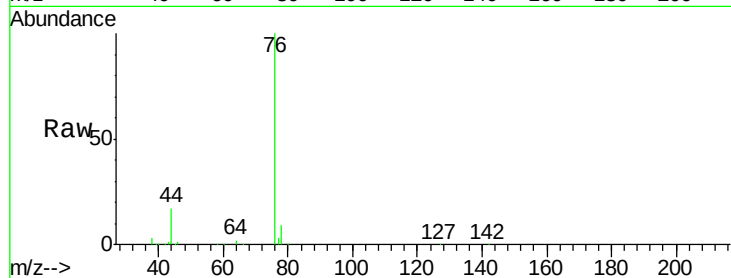
#17
Carbon Disulfide
Concen: 43.520 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 309012
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

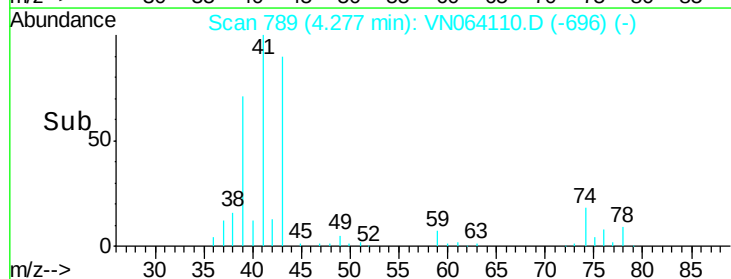
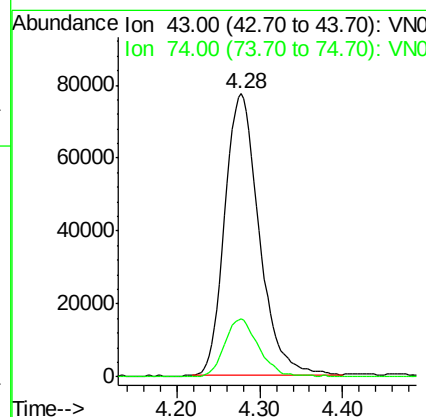
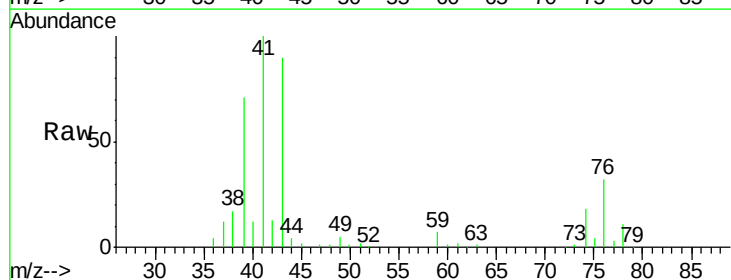
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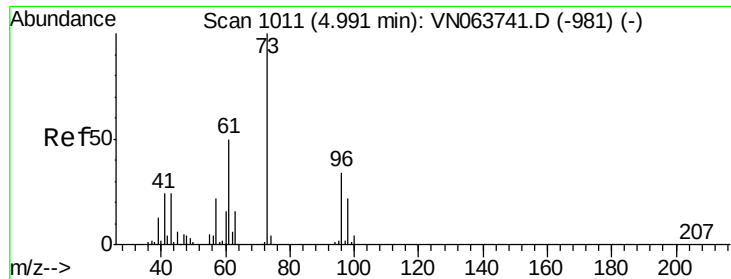
MMDadoda
10/14/2020 2:09:22 PM



#18
Methyl Acetate
Concen: 64.831 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 43 Resp: 223799
Ion Ratio Lower Upper
43 100
74 20.4 17.4 26.2





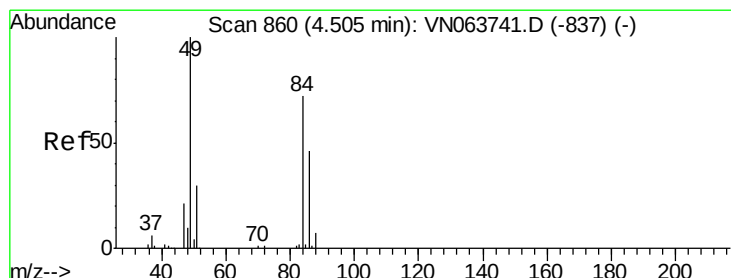
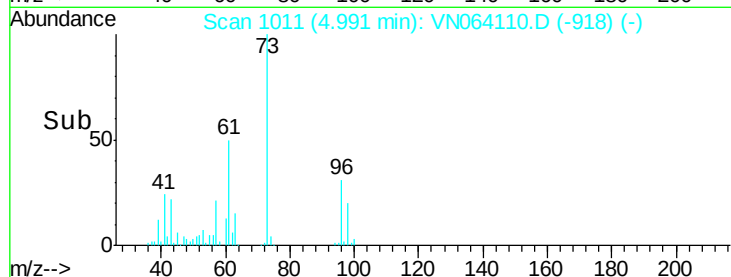
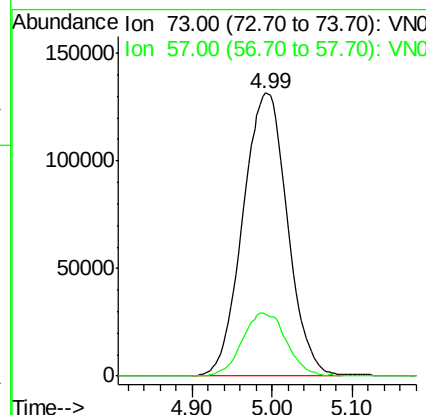
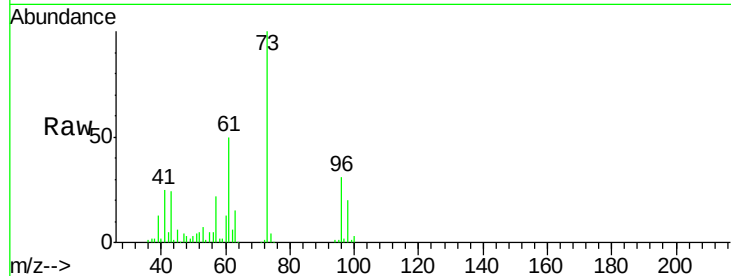
#19
Methyl tert-butyl Ether
Concen: 52.357 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.6	26.4

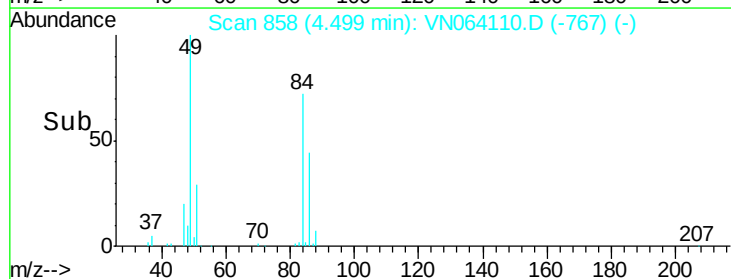
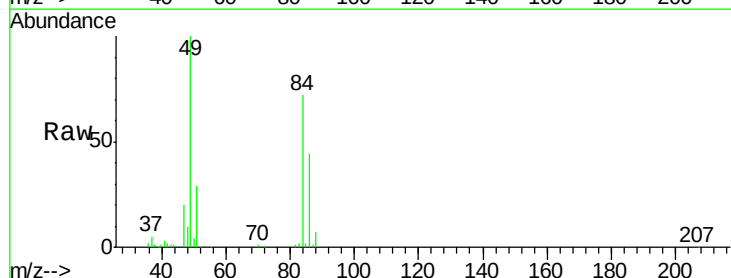
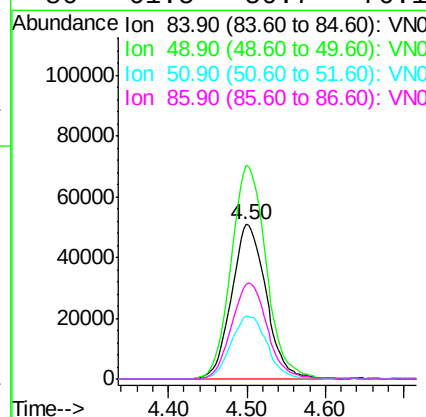
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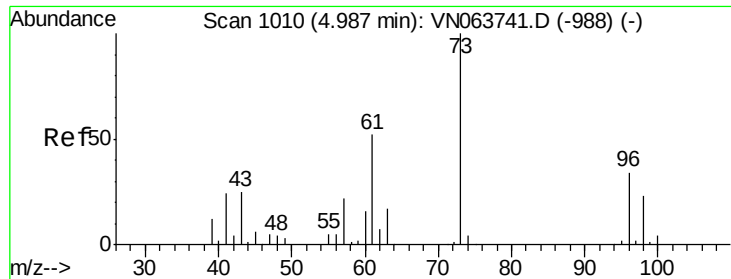
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#20
Methylene Chloride
Concen: 51.419 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.0	110.4	165.6
51	40.6	33.3	49.9
86	61.5	50.7	76.1





#21

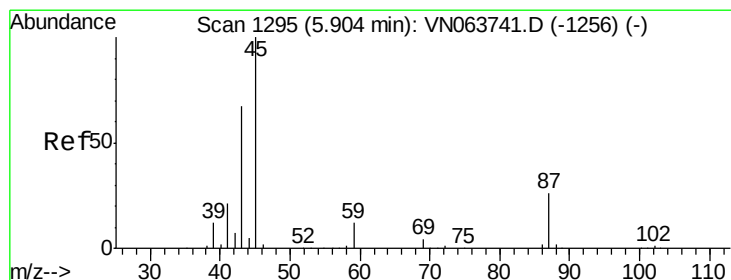
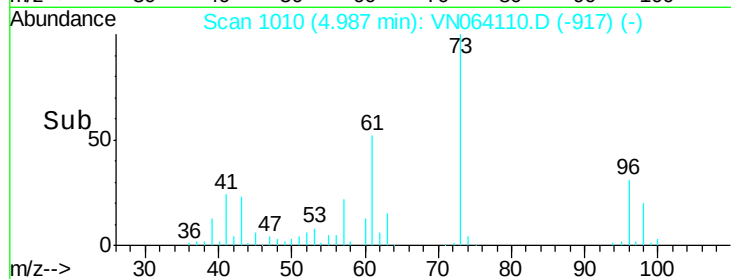
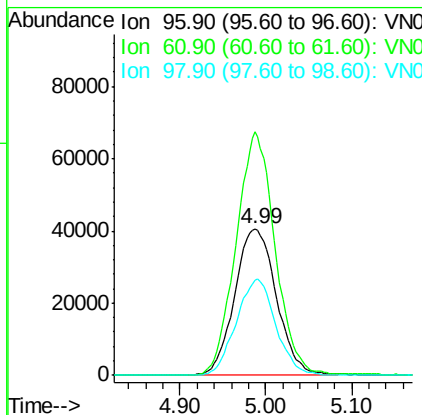
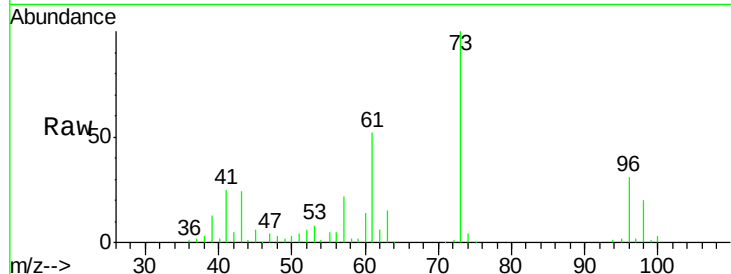
trans-1,2-Dichloroethene
Concen: 46.535 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.1	120.2	180.2
98	65.0	52.6	79.0

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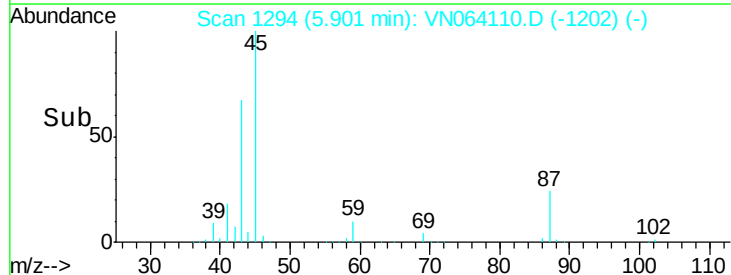
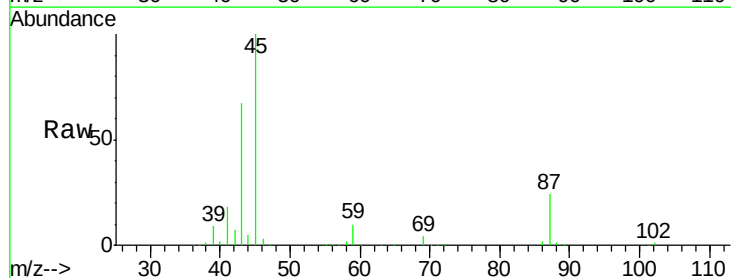
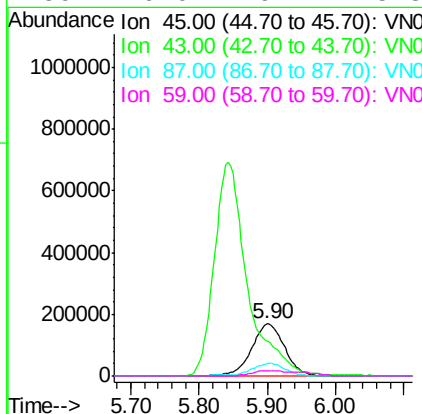
MMDadoda
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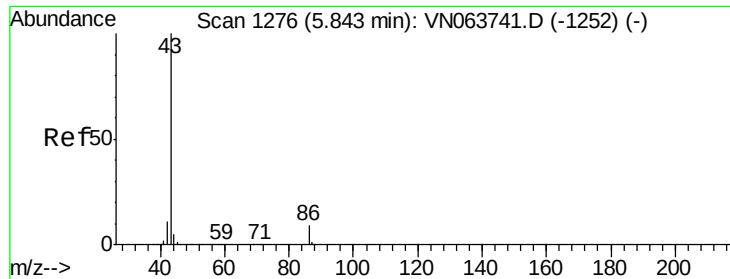


#22

Diisopropyl ether
Concen: 56.617 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.9	53.7	80.5
87	23.6	21.1	31.7
59	10.0	9.2	13.8





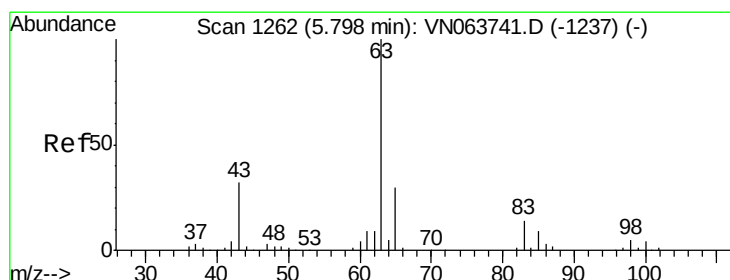
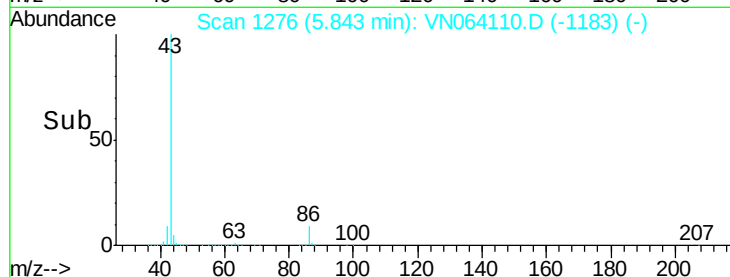
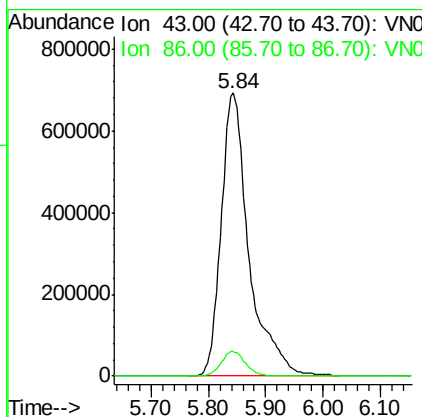
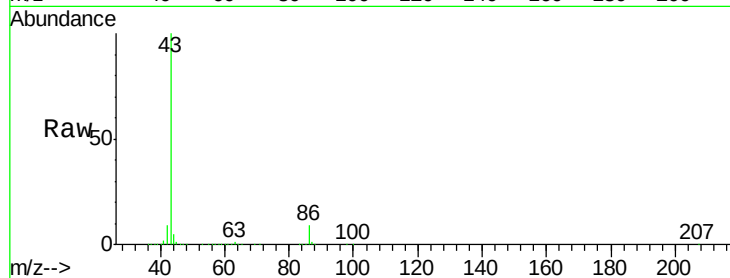
#23
 Vinyl Acetate
 Concen: 280.570 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2338697
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.3 10.9

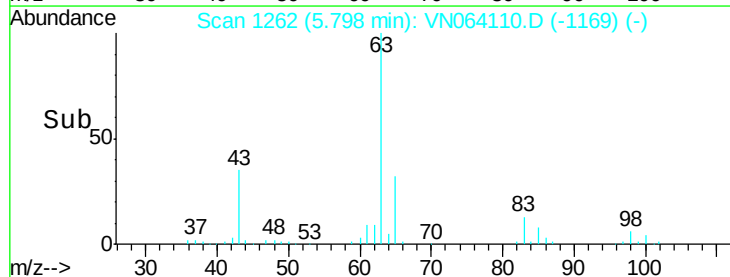
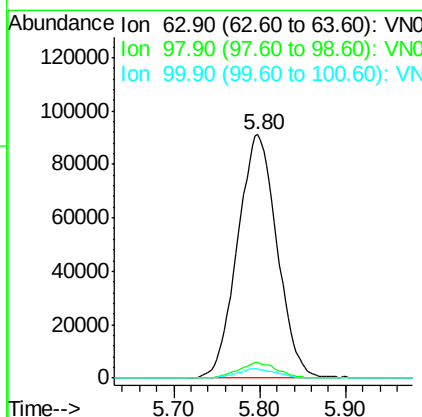
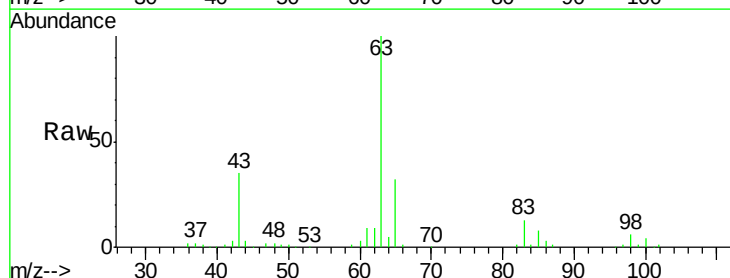
Manual Integrations
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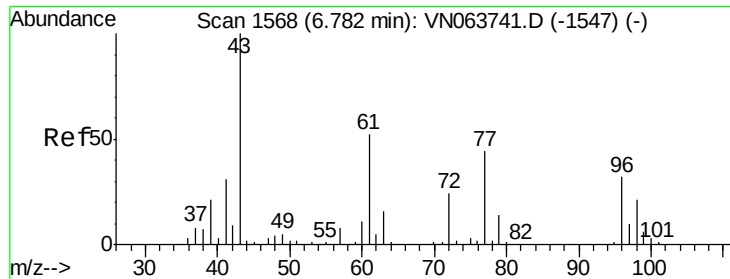
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 10/14/2020 2:09:22 PM



#24
 1,1-Dichloroethane
 Concen: 50.680 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 63 Resp: 291589
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 310.423 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 585143

Ion Ratio Lower Upper

43 100

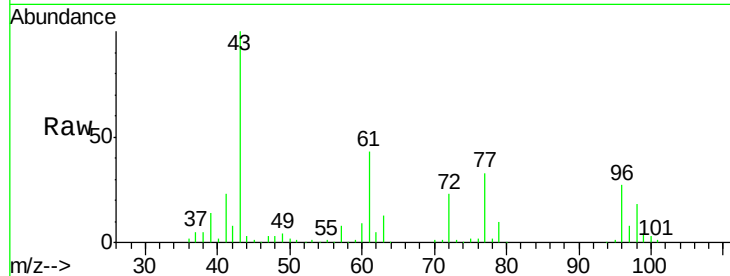
72 23.3 19.3 28.9

Manual Integrations

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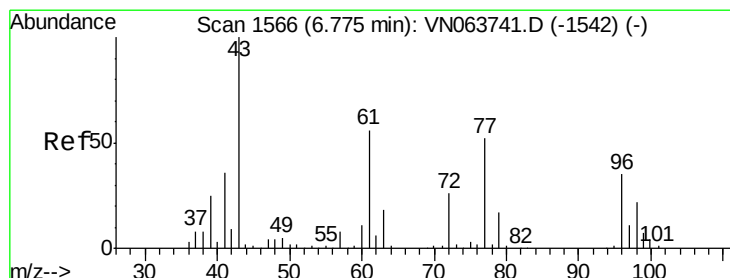
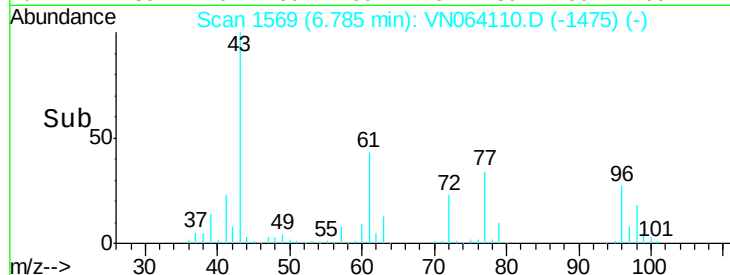
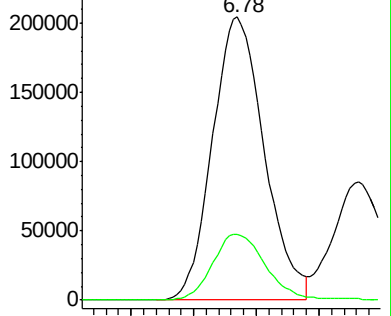
MMDadoda

10/14/2020 2:09:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 45.317 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064110.D

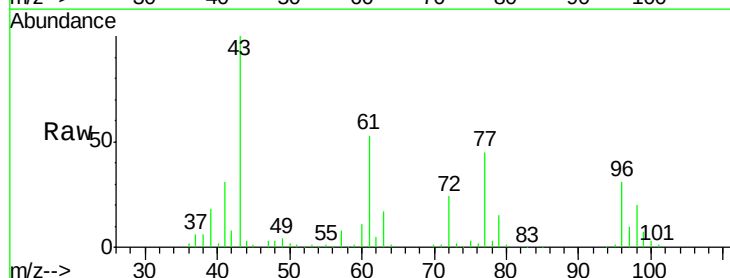
Acq: 13 Oct 2020 18:46

Tgt Ion: 77 Resp: 238771

Ion Ratio Lower Upper

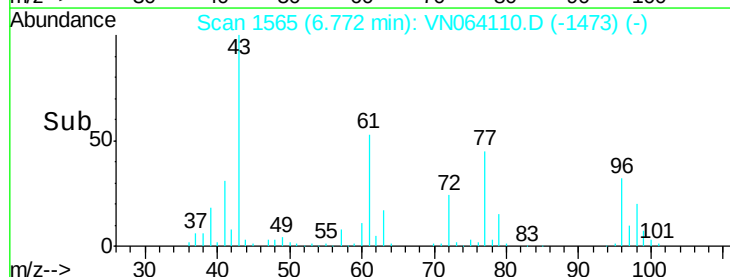
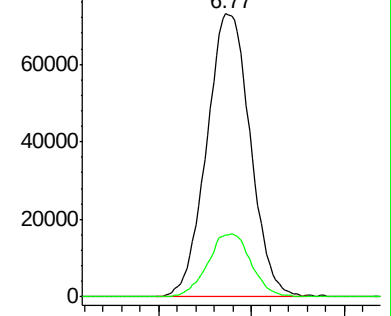
77 100

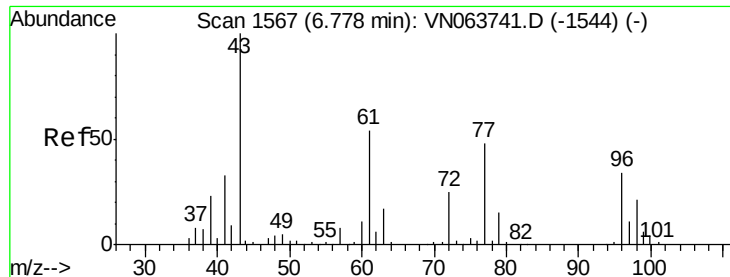
97 22.1 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.534 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

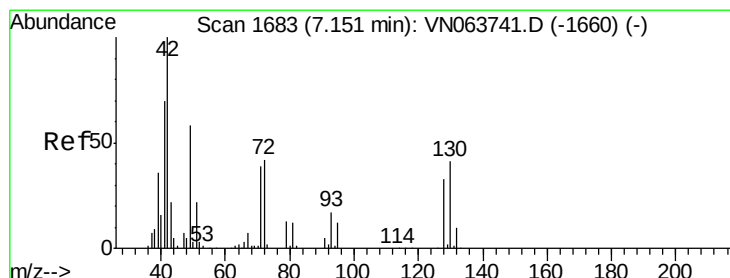
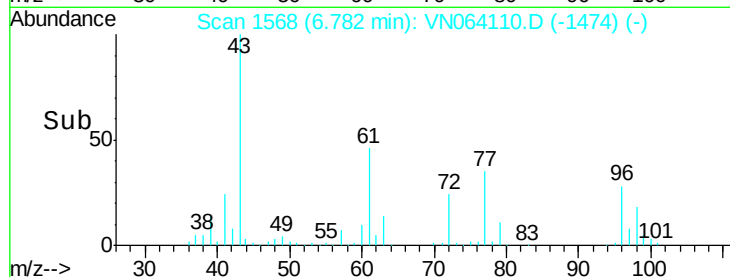
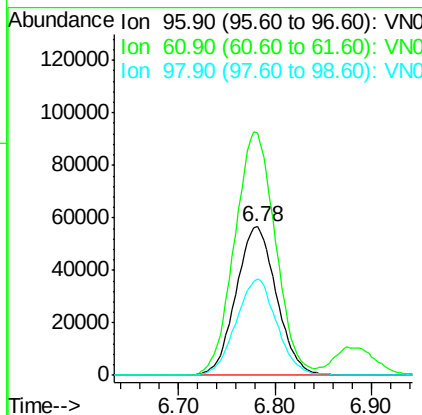
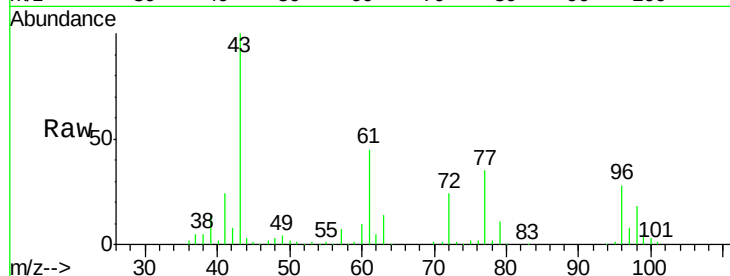
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	164598
Ion	Ratio	Lower	Upper
96	100		
61	164.9	0.0	321.2
98	65.3	0.0	124.4

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#28

Bromochloromethane

Concen: 53.696 ug/l

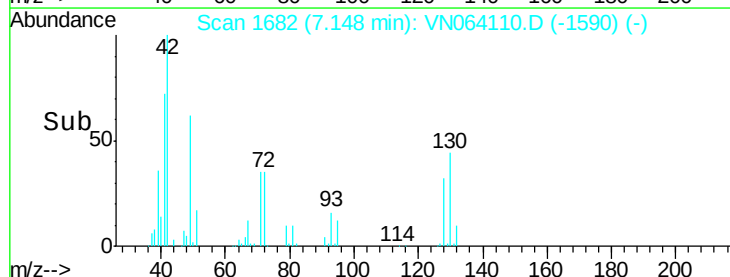
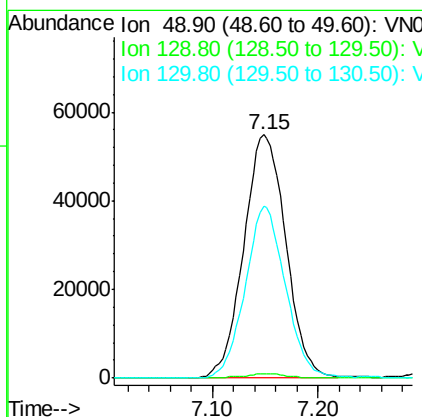
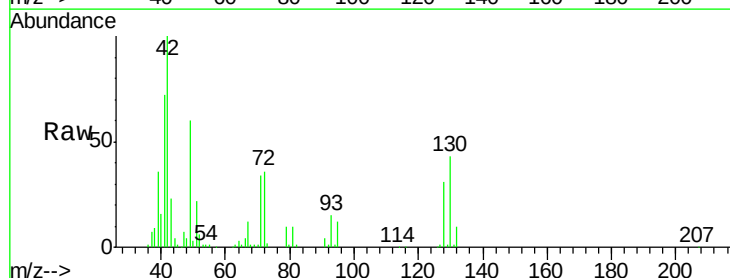
RT: 7.15 min Scan# 1682

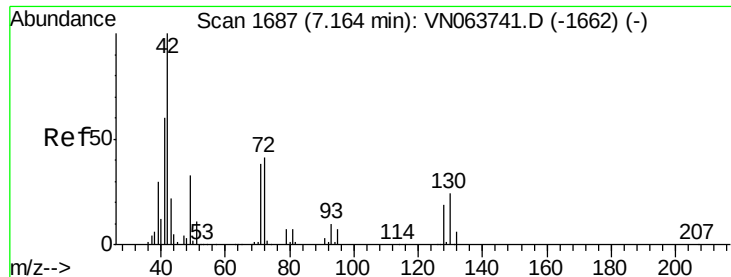
Delta R.T. -0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion:	49	Resp:	152696
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	67.3	55.6	83.4





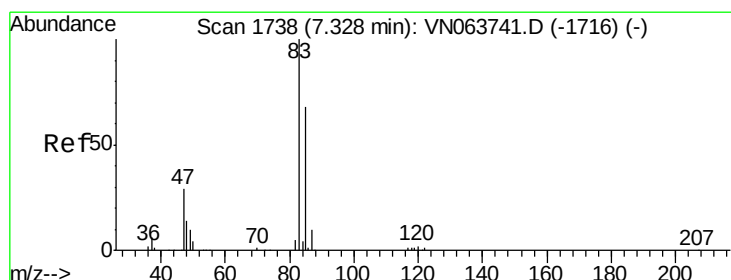
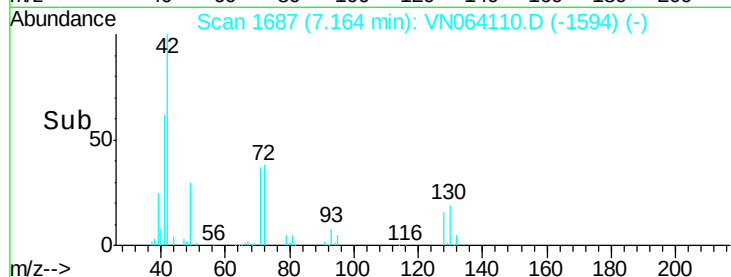
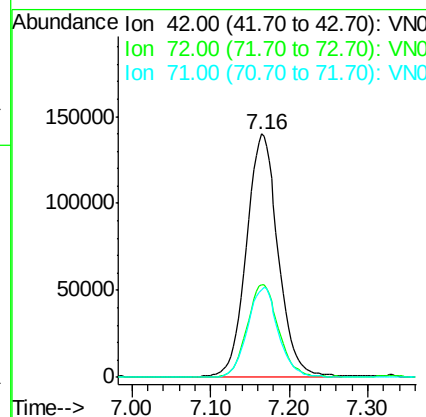
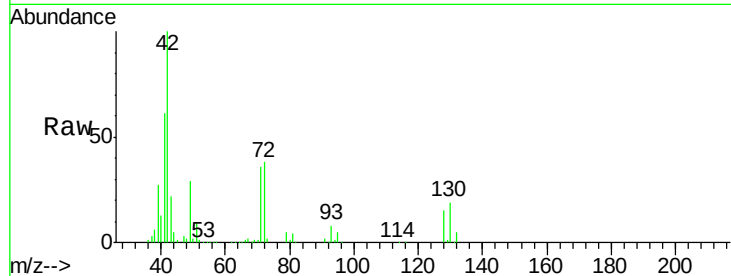
#29
Tetrahydrofuran
Concen: 313.275 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.8	49.2
71	36.2	30.6	45.8

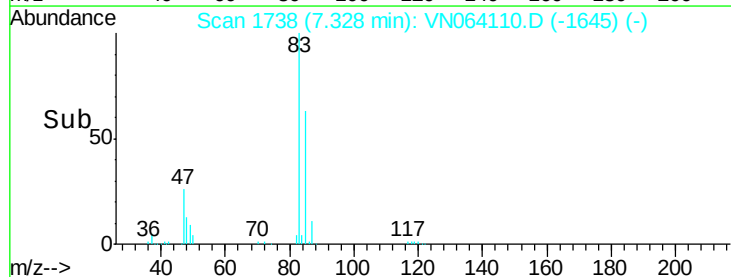
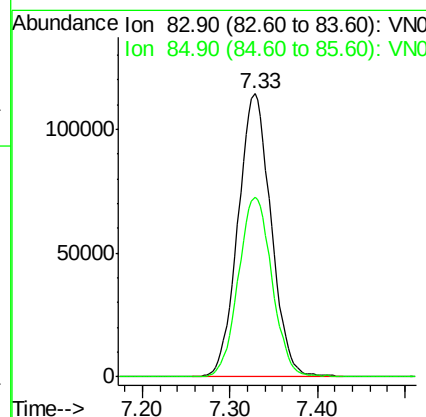
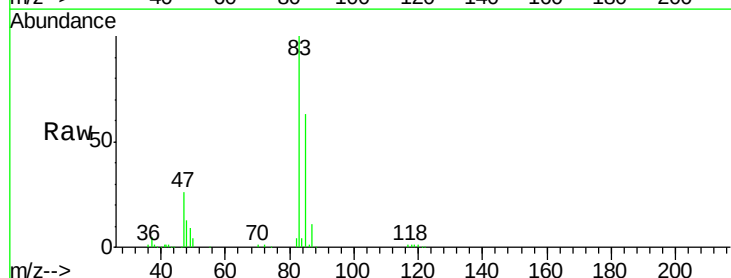
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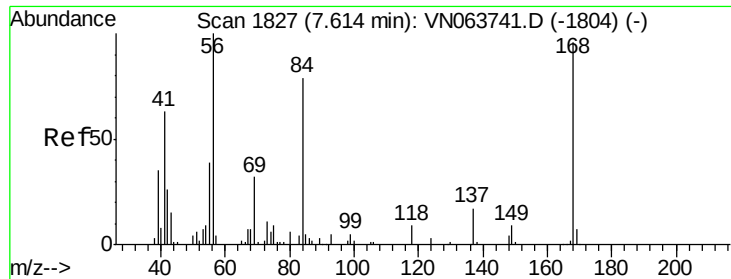
MMDadoda
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#30
Chloroform
Concen: 50.015 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.6	82.0





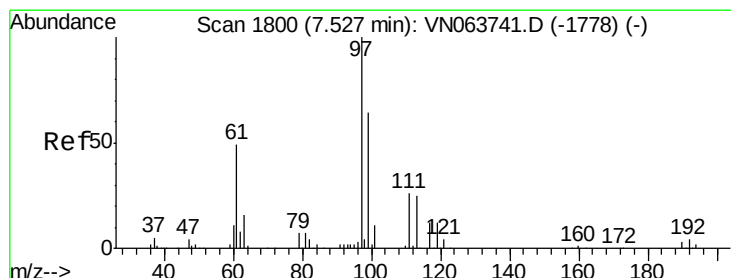
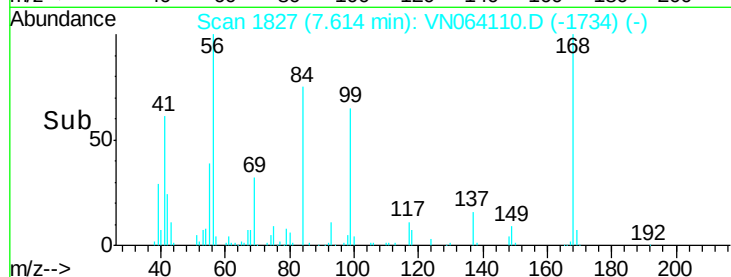
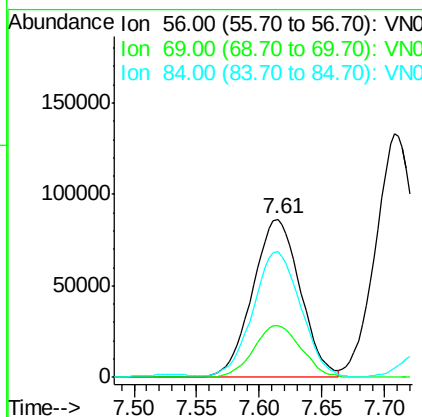
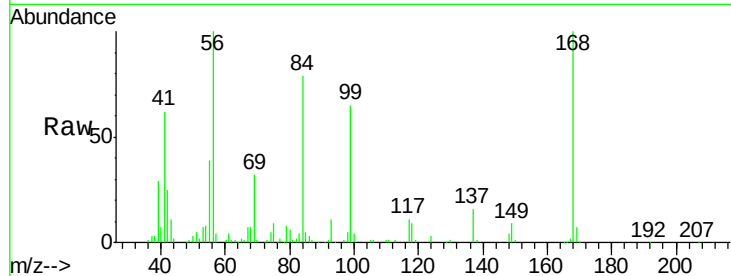
#31
Cyclohexane
Concen: 45.642 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.4	38.2
84	78.0	63.3	94.9

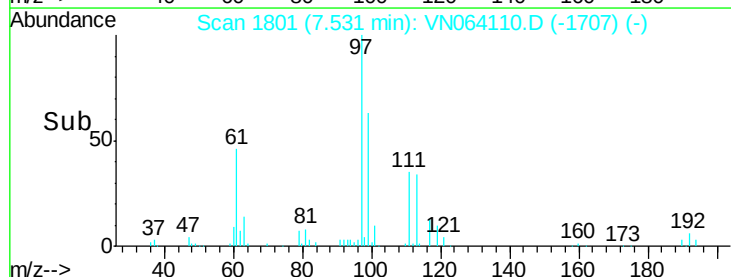
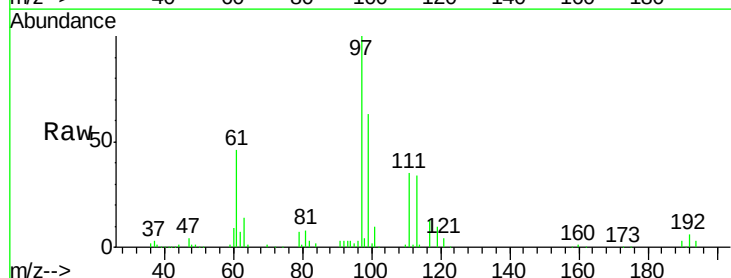
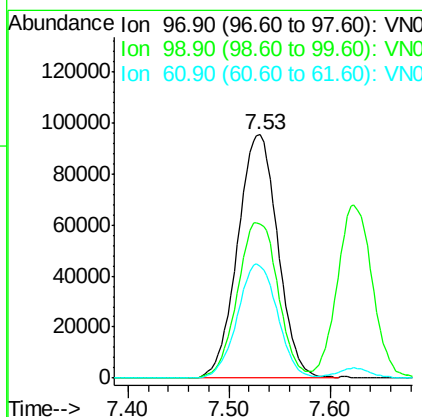
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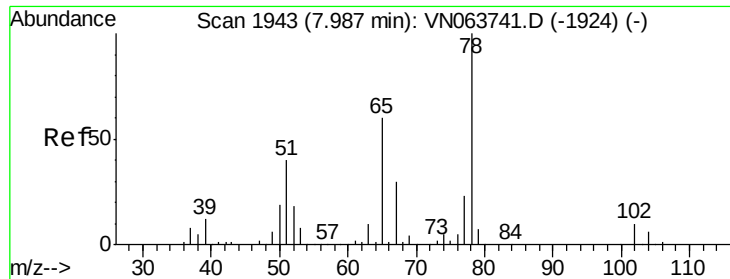
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#32
1,1,1-Trichloroethane
Concen: 48.672 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	46.8	38.7	58.1





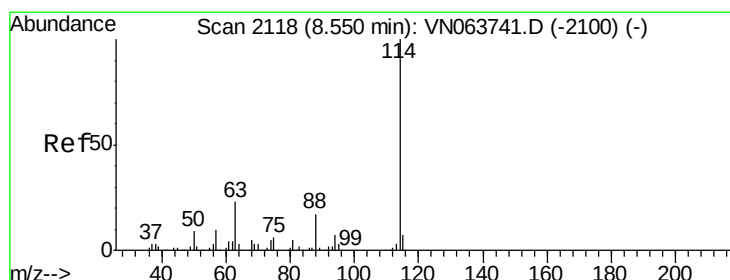
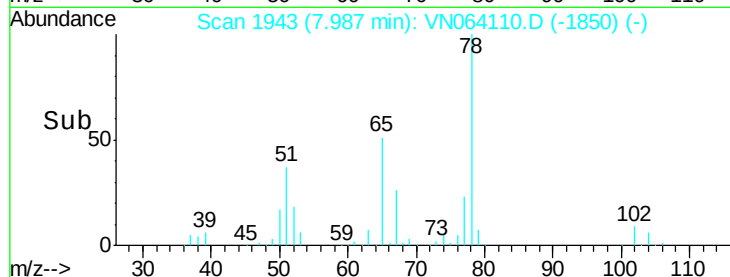
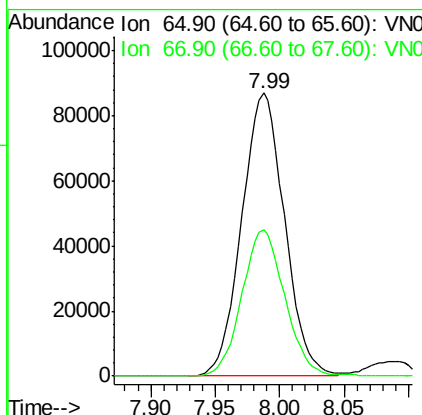
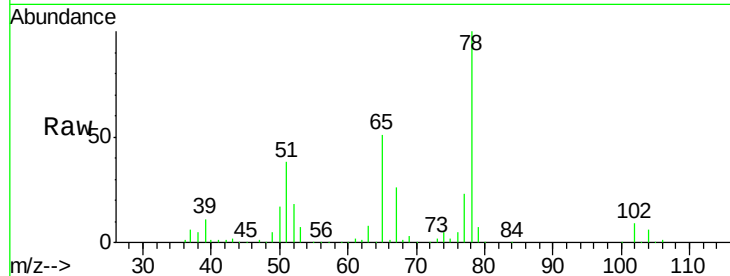
#33
 1,2-Dichloroethane-d4
 Concen: 46.581 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201188		
67	52.0	0.0	99.6	

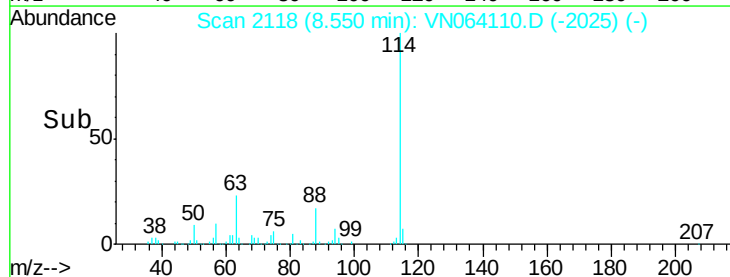
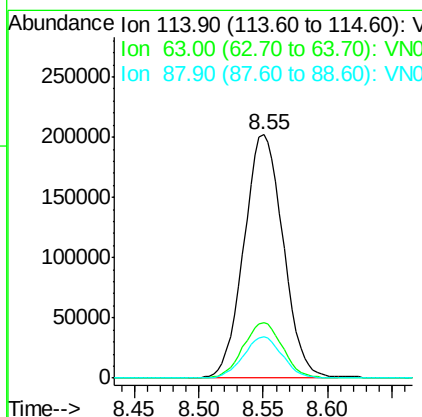
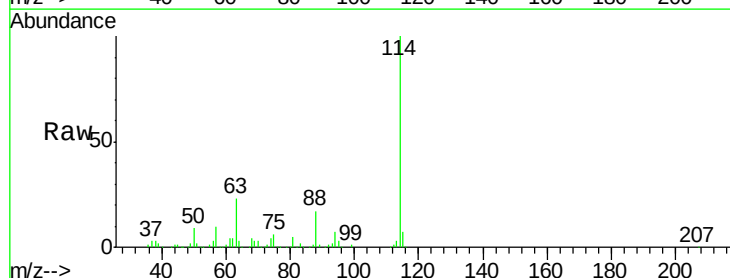
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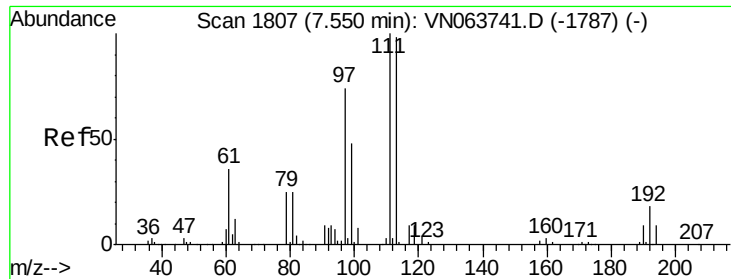
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429509		
63	22.7	0.0	45.0	
88	17.0	0.0	34.0	





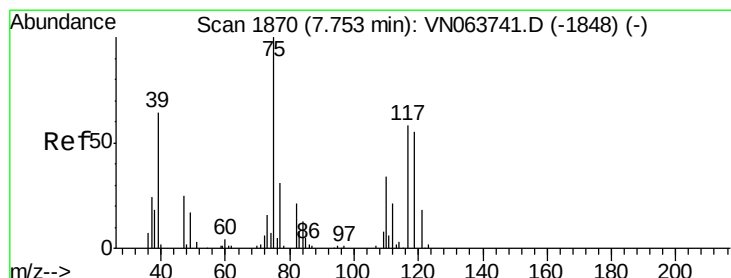
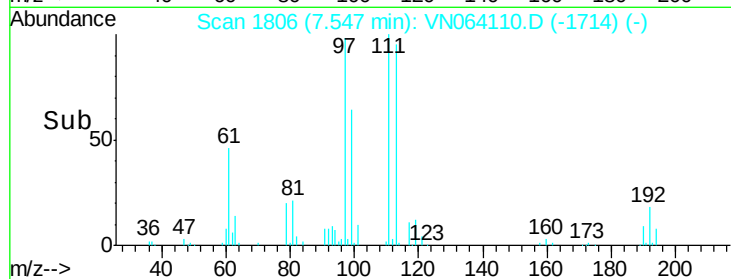
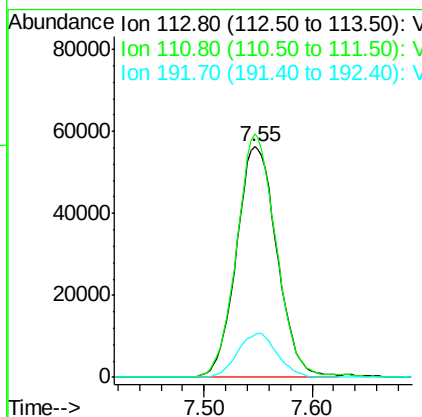
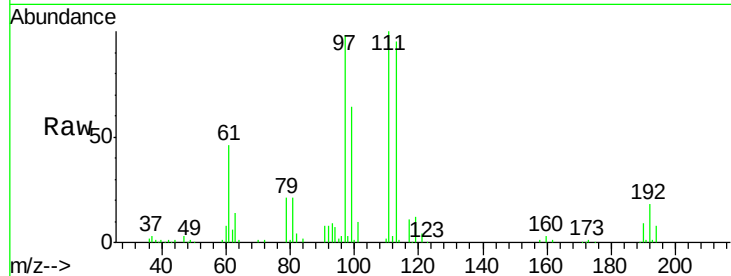
#35
Dibromofluoromethane
Concen: 49.434 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147326		
111	101.8	81.8	122.8	
192	18.5	14.2	21.2	

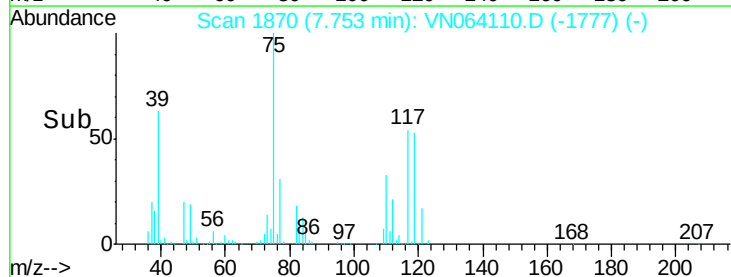
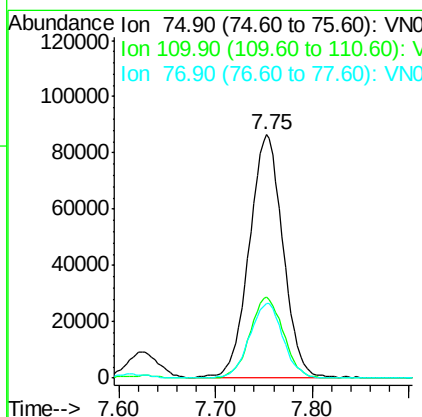
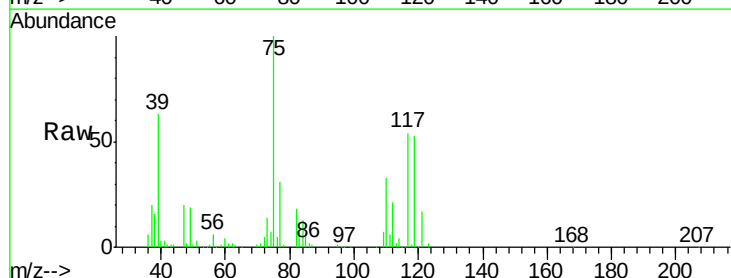
Manual Integrations
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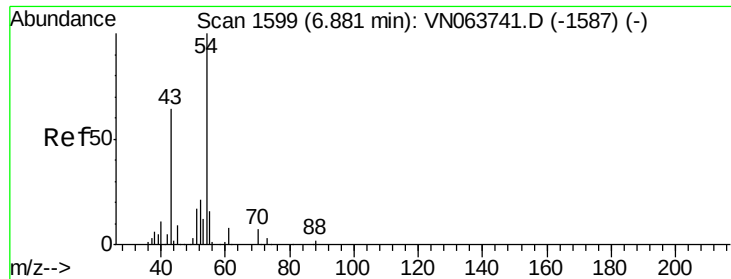
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.699 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	207555		
110	33.2	16.9	50.6	
77	31.0	24.5	36.7	





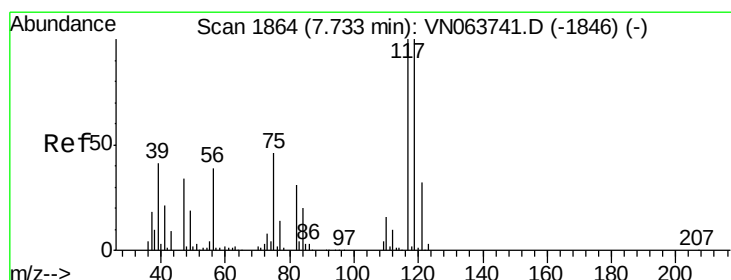
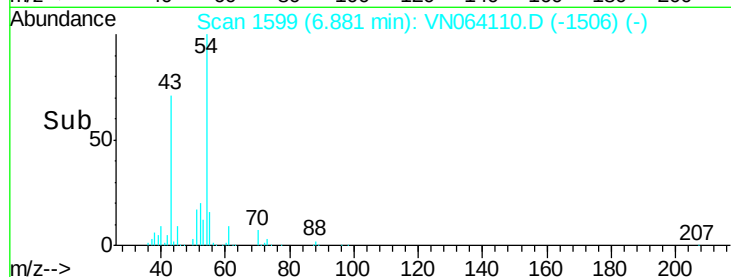
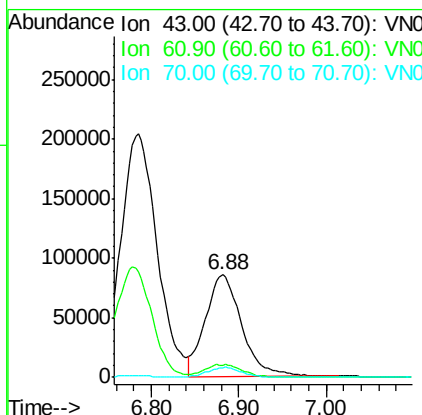
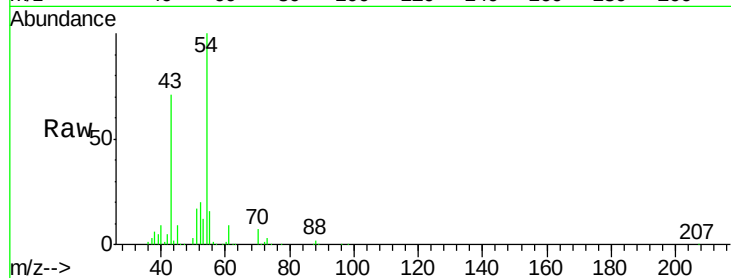
#37
Ethyl Acetate
Concen: 57.015 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.4	15.6
70	9.3	7.3	10.9

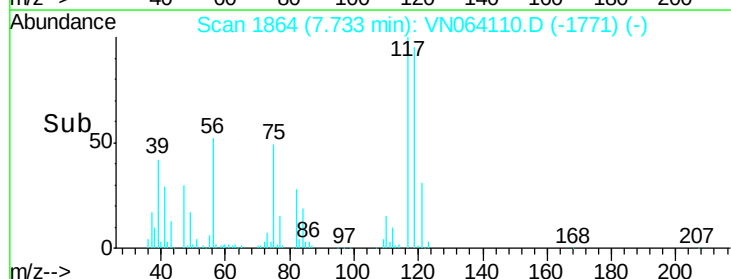
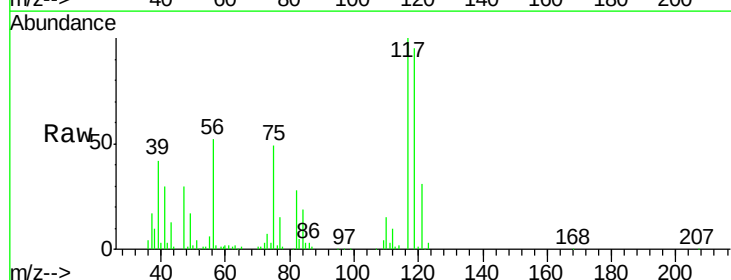
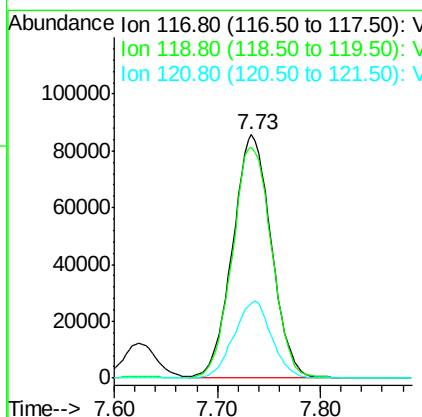
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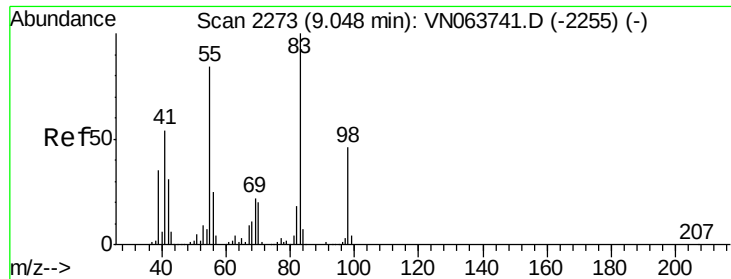
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#38
Carbon Tetrachloride
Concen: 45.858 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.1	120.1
121	30.7	25.7	38.5





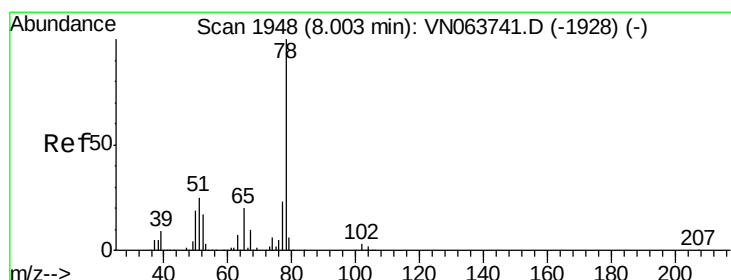
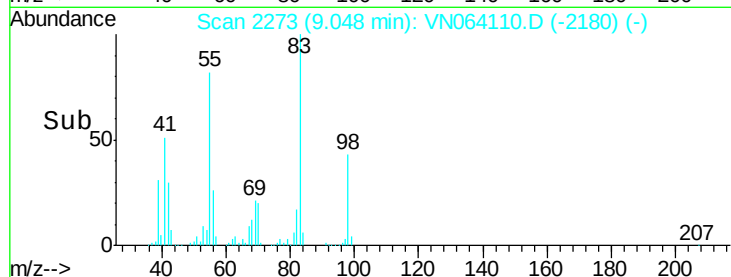
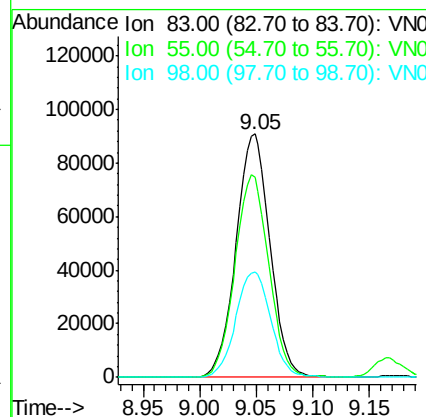
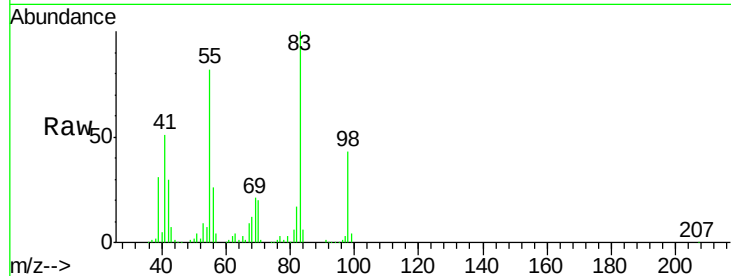
#39
Methylvlcyclohexane
Concen: 43.791 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	67.1	100.7
98	43.2	36.6	54.8

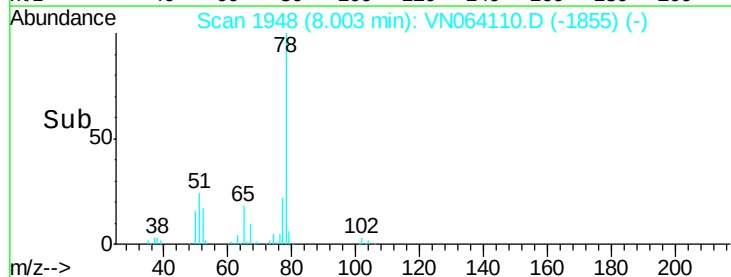
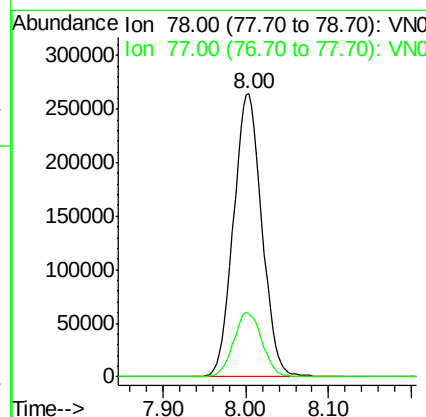
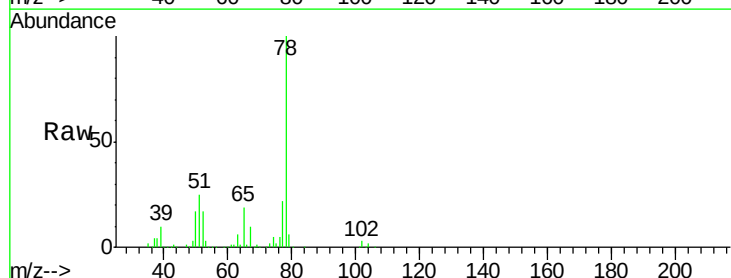
Manual Integrations
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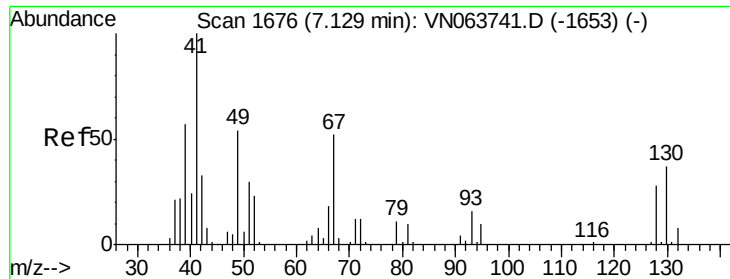
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#40
Benzene
Concen: 50.709 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.7	28.1





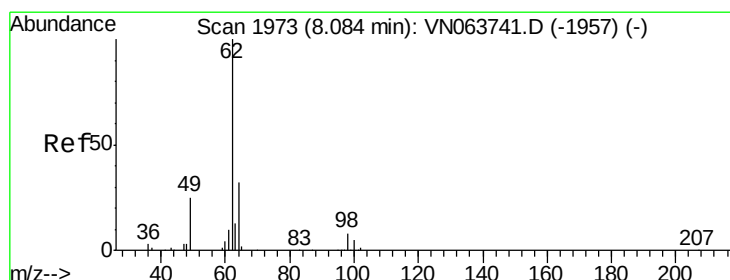
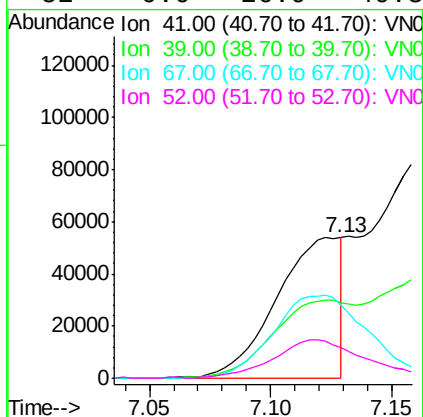
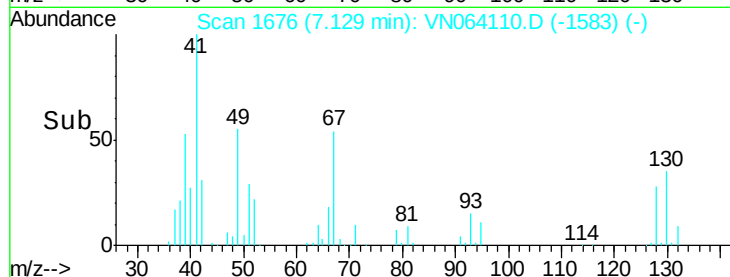
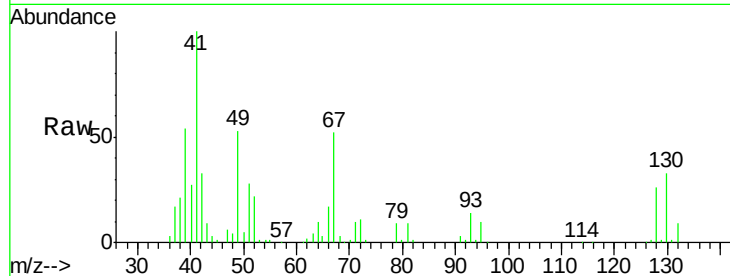
#41
Methacrylonitrile
Concen: 52.075 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

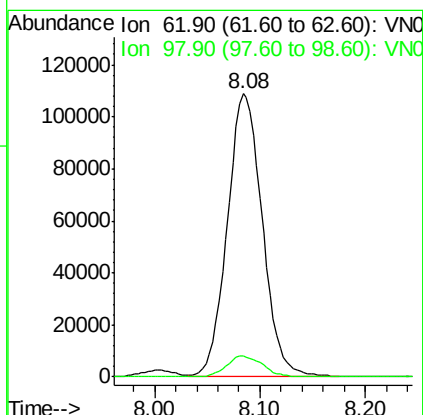
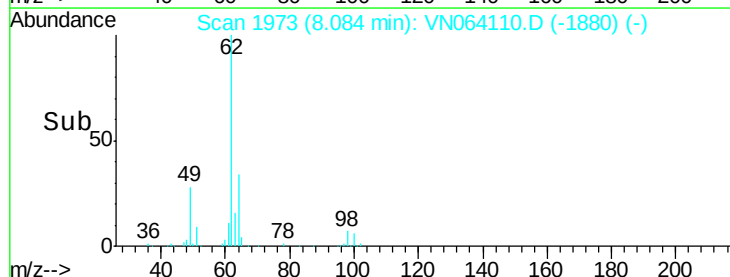
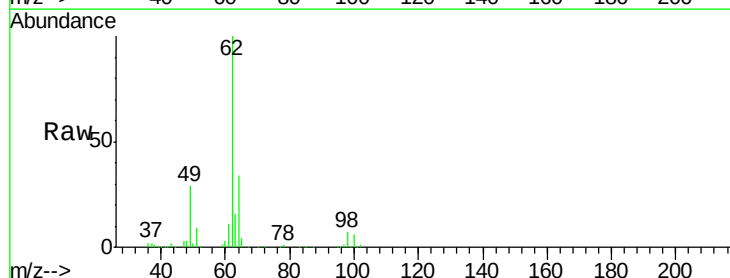
Manual Integrations
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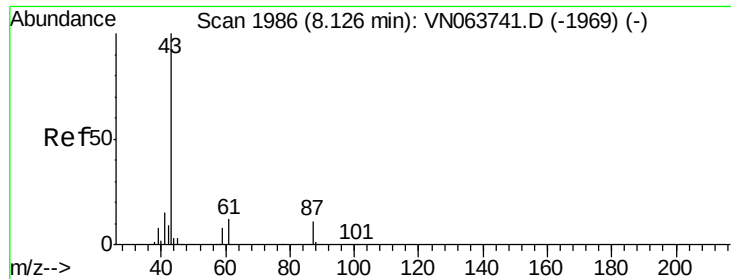
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.914 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.0





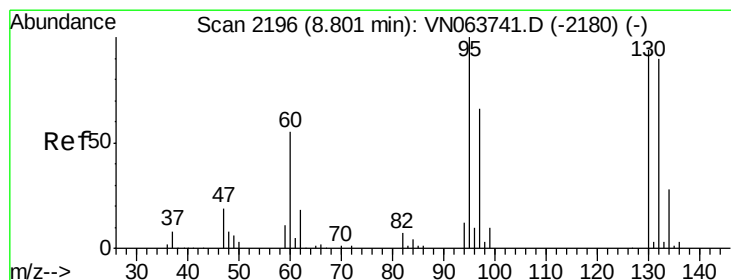
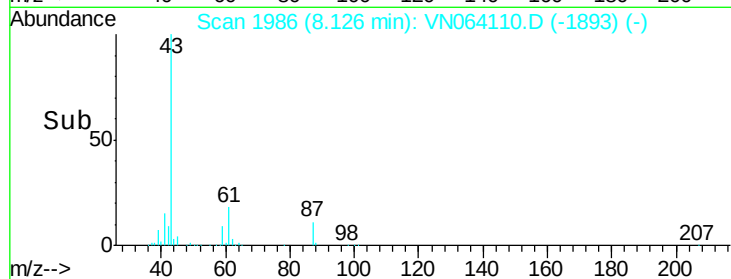
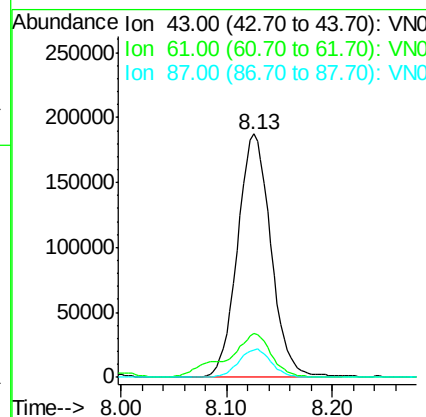
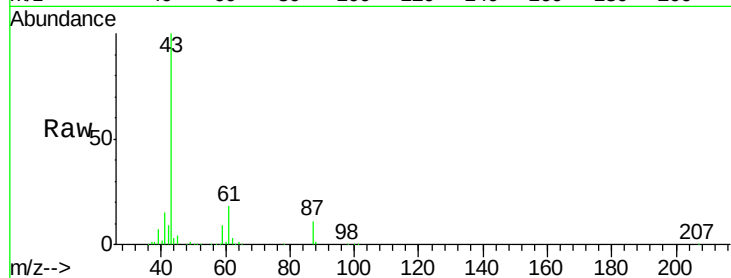
#43
Isopropyl Acetate
Concen: 57.412 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	14.2	21.4#
87	11.5	9.0	13.6

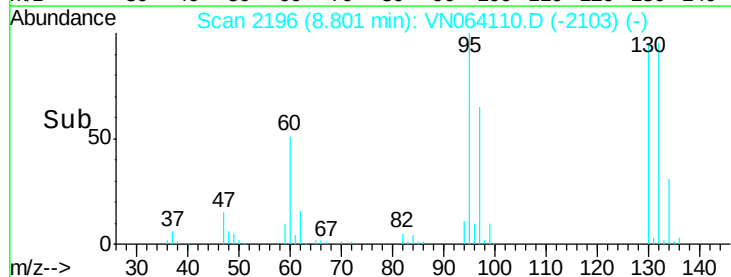
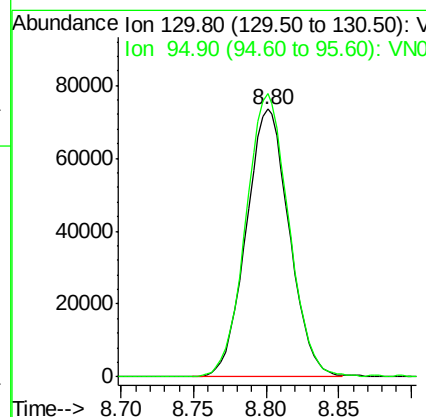
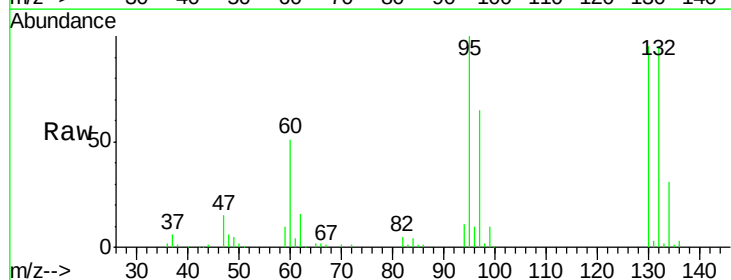
Manual Integrations
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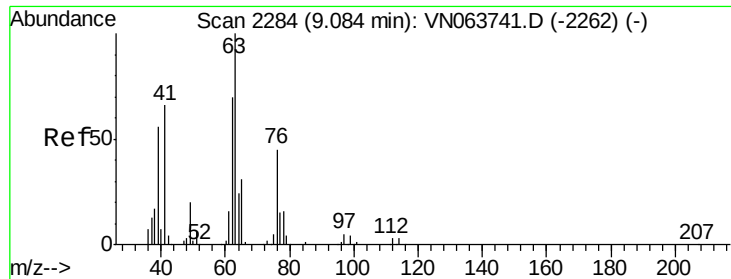
MMDadoda
10/14/2020 2:09:22 PM



#44
Trichloroethene
Concen: 46.618 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	213.6





#45

1,2-Dichloropropane

Concen: 53.416 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 179293

Ion Ratio Lower Upper

63 100

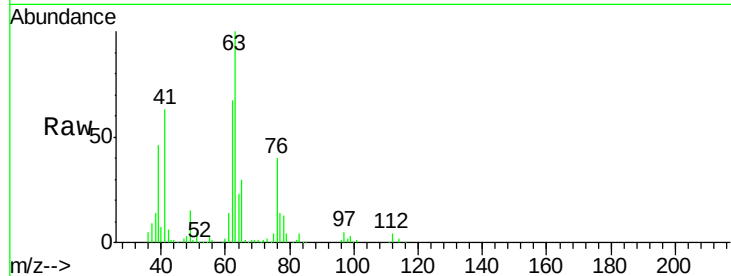
65 30.0 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

80000

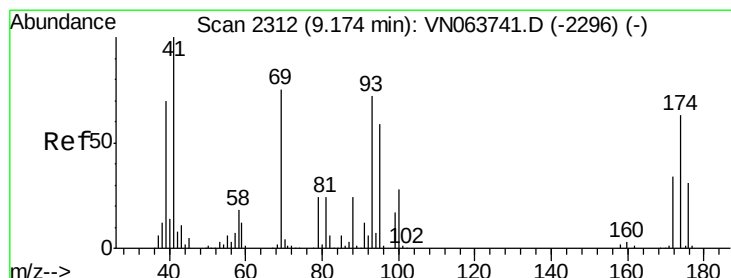
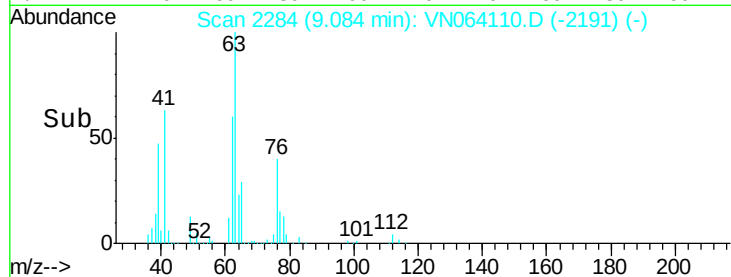
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.785 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

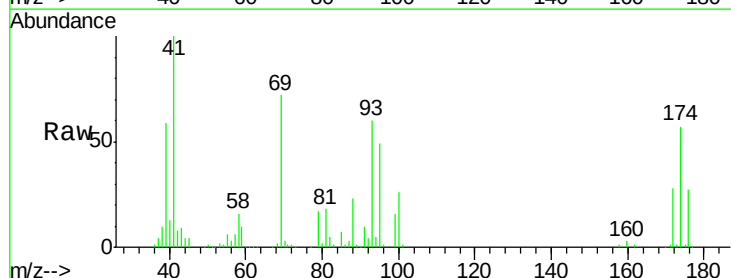
Tgt Ion: 93 Resp: 112963

Ion Ratio Lower Upper

93 100

95 82.3 66.3 99.5

174 93.2 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.17

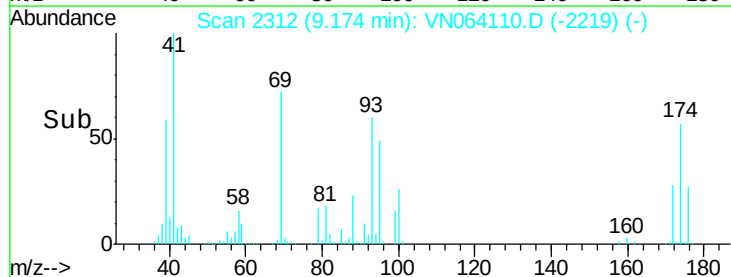
60000

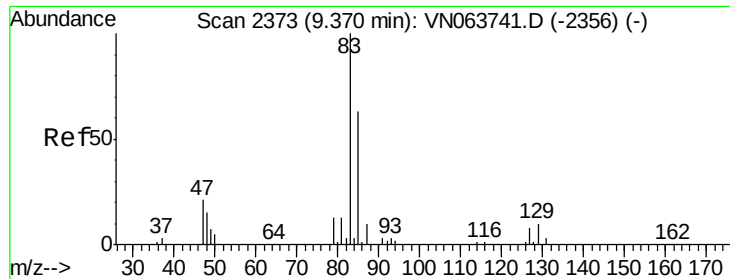
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 51.375 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

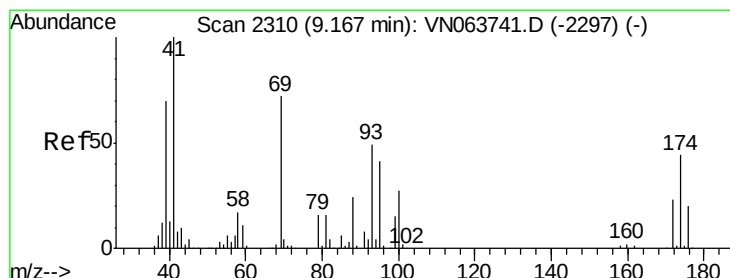
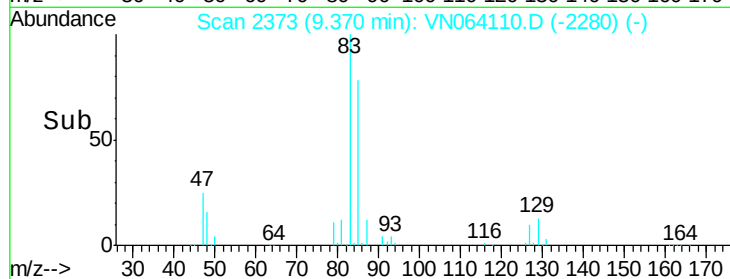
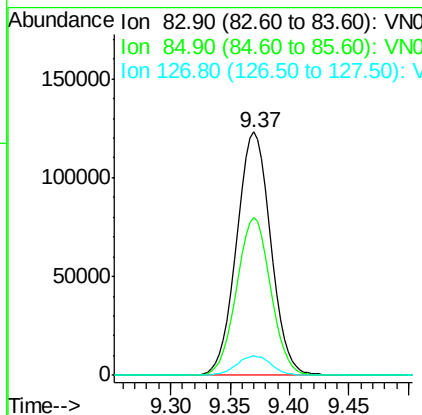
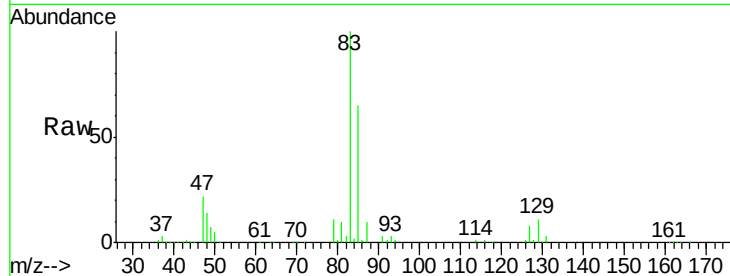
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	245170
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.6	75.8
127	8.0	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 59.058 ug/l

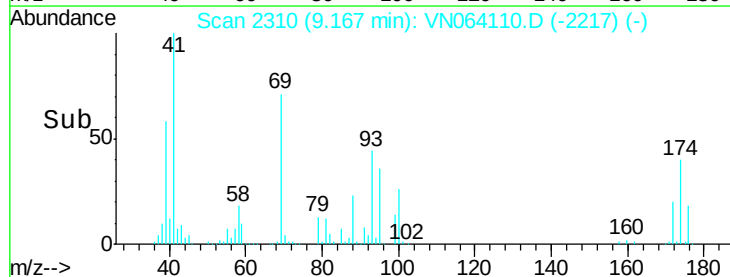
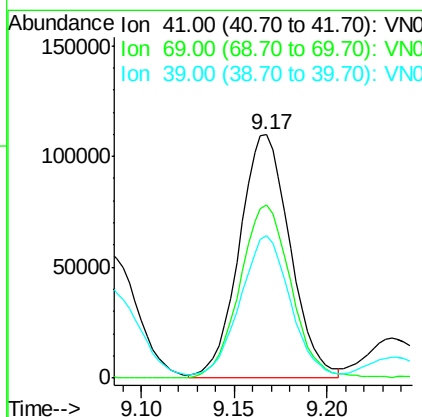
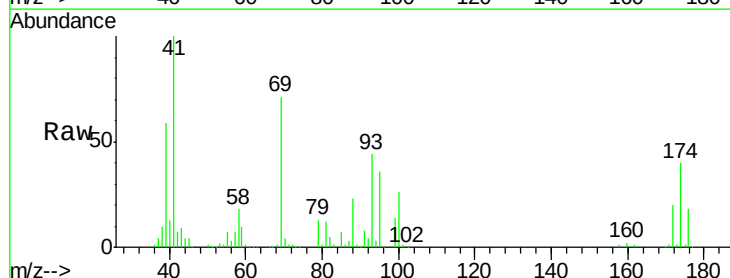
RT: 9.17 min Scan# 2310

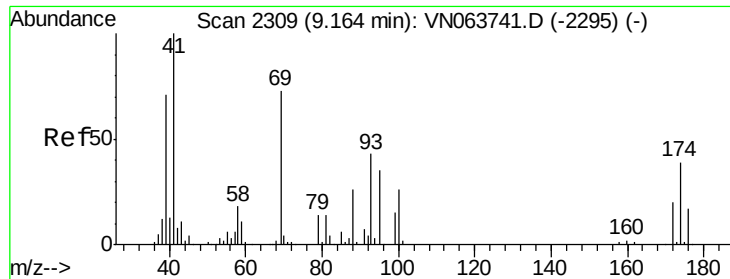
Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion:	41	Resp:	208064
Ion Ratio	Lower	Upper	
41	100		
69	72.0	60.9	91.3
39	57.7	57.5	86.3





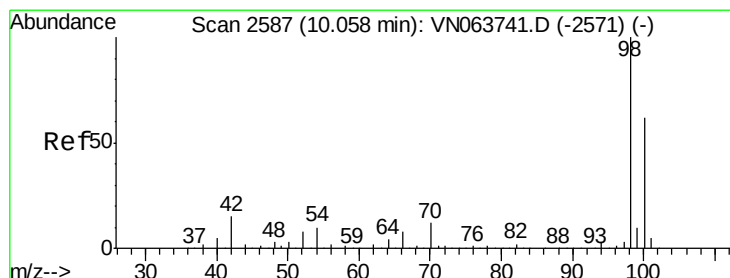
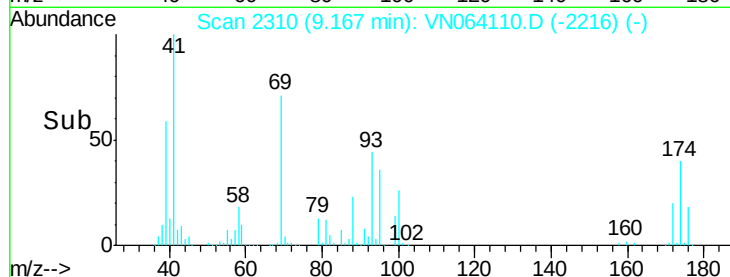
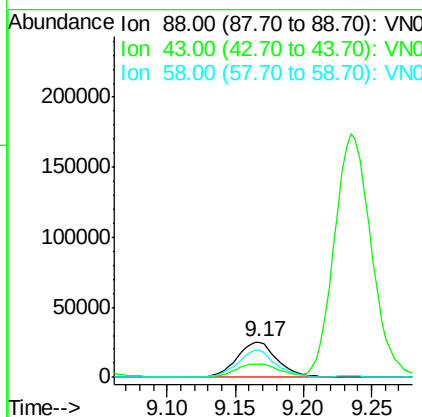
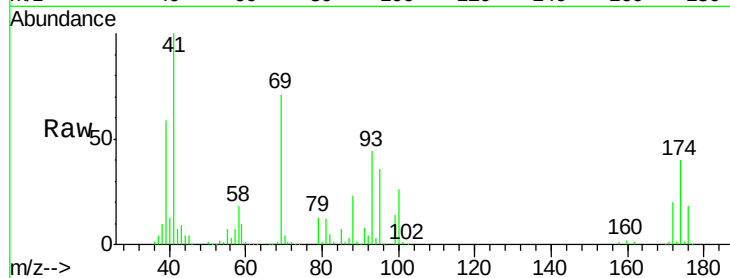
#49
1,4-Dioxane
Concen: 1032.903 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.2	33.1	49.7
58	72.6	58.9	88.3

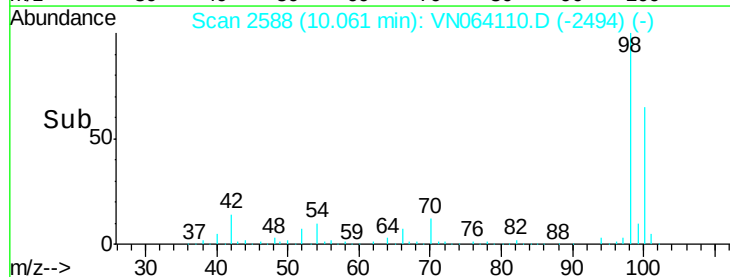
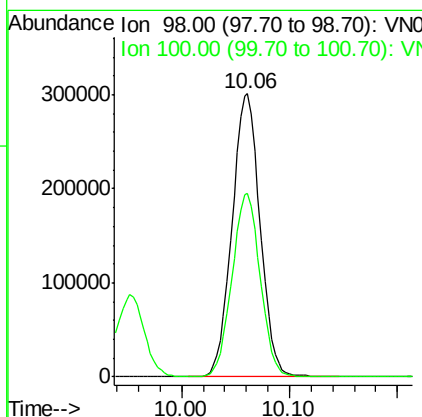
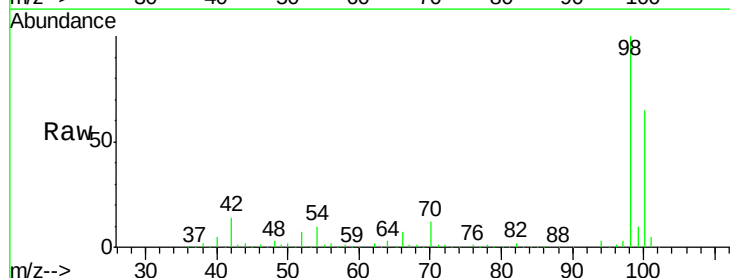
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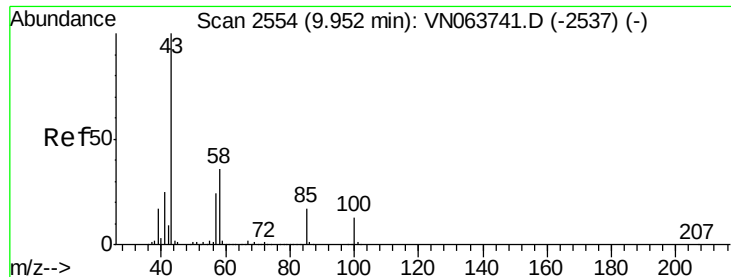
MMDadoda
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#50
Toluene-d8
Concen: 48.335 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	49.8	74.6





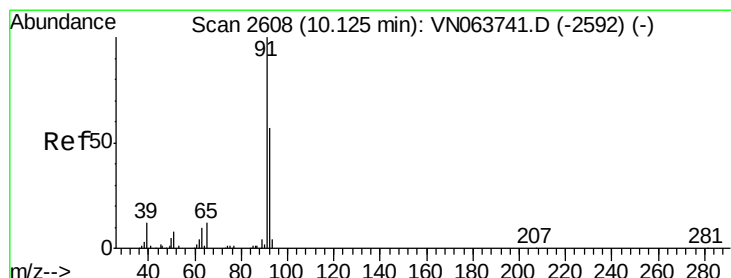
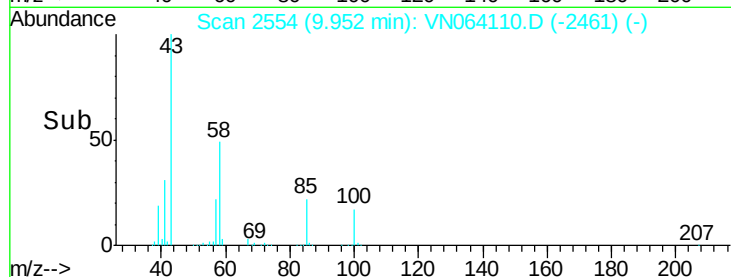
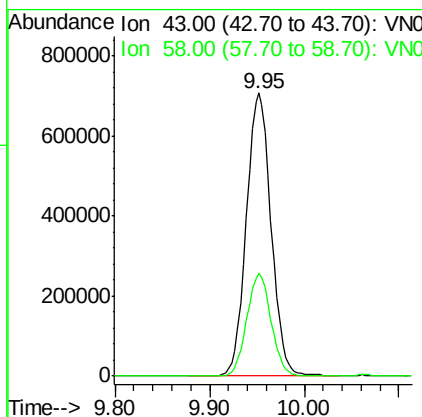
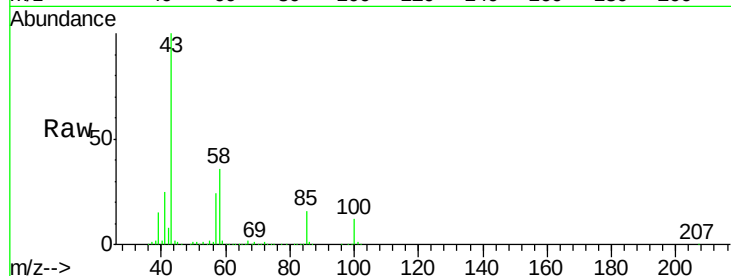
#51
4-Methyl-2-Pentanone
Concen: 306.132 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1281063
Ion Ratio Lower Upper
43 100
58 35.8 28.4 42.6

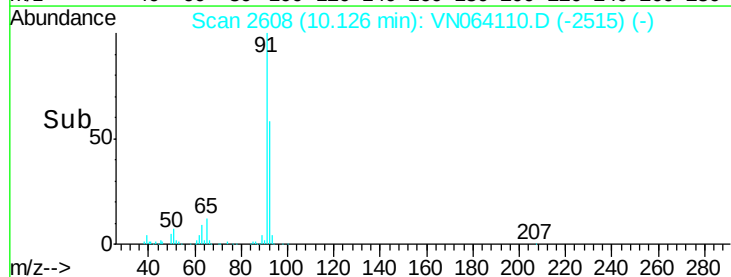
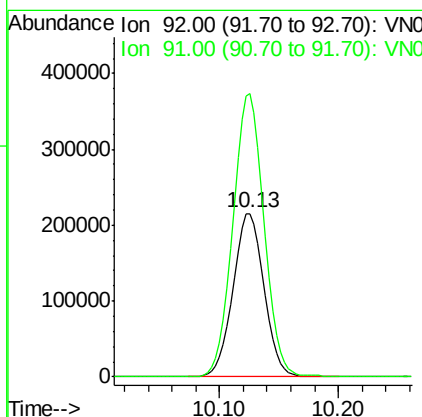
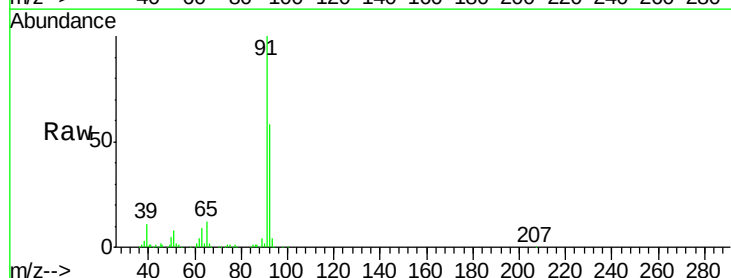
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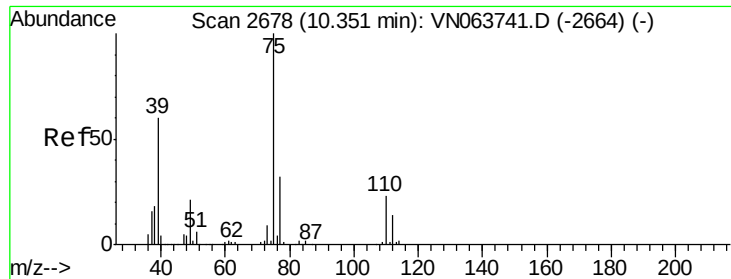
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#52
Toluene
Concen: 50.525 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 92 Resp: 388413
Ion Ratio Lower Upper
92 100
91 174.0 140.6 210.8





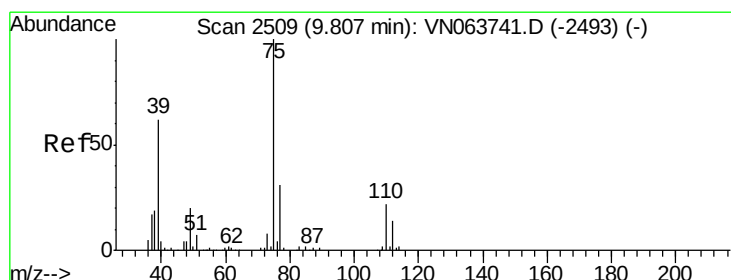
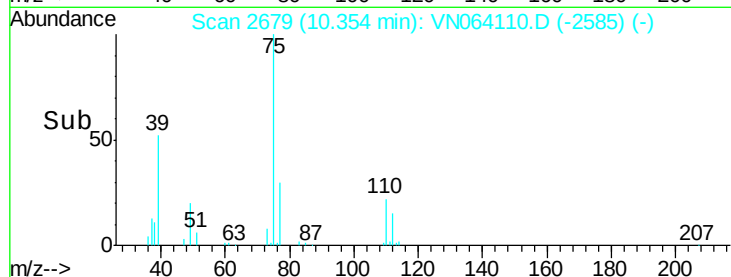
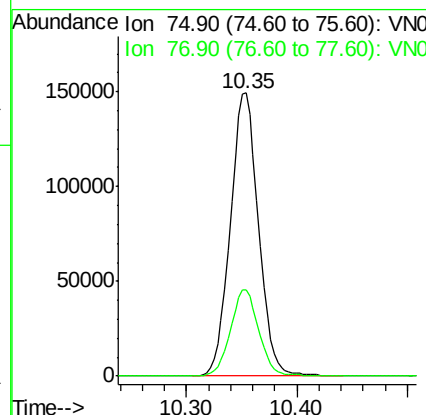
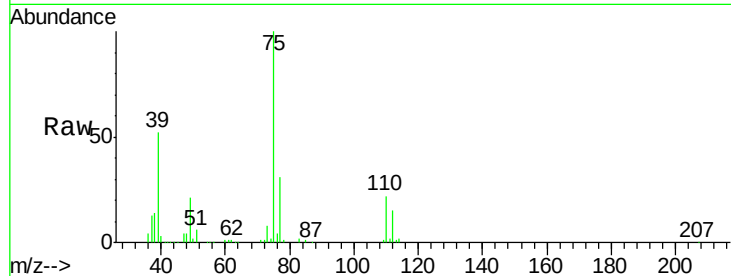
#53
 t-1,3-Dichloropropene
 Concen: 51.889 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 265436
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9

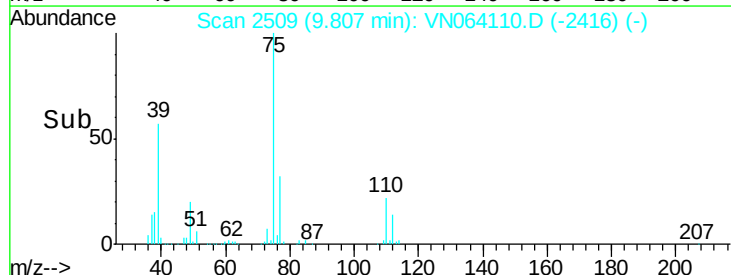
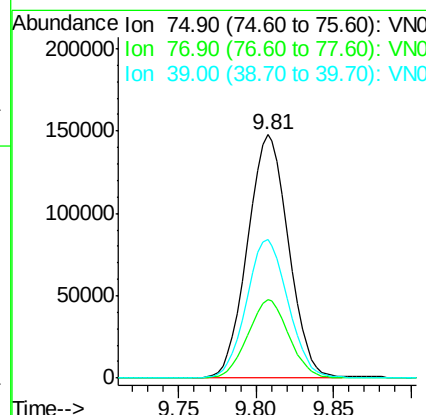
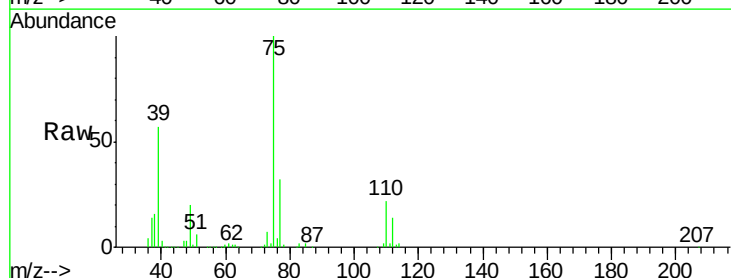
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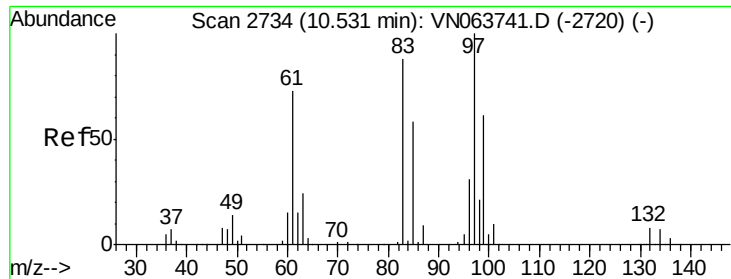
MMDadoda
 10/14/2020 2:09:22 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.092 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion: 75 Resp: 273334
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 36.8
 39 56.7 49.7 74.5





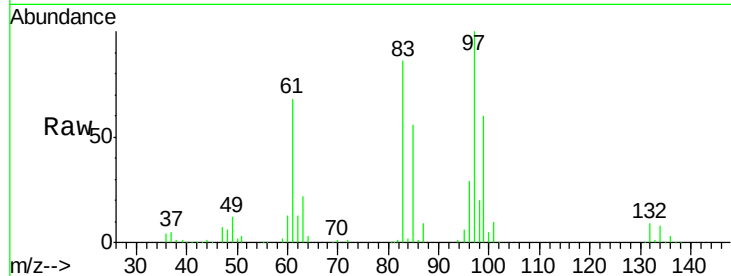
#55
 1,1,2-Trichloroethane
 Concen: 52.498 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	161847
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.7	106.1
85	56.2	46.1	69.1
99	60.5	48.8	73.2

Manual Integrations
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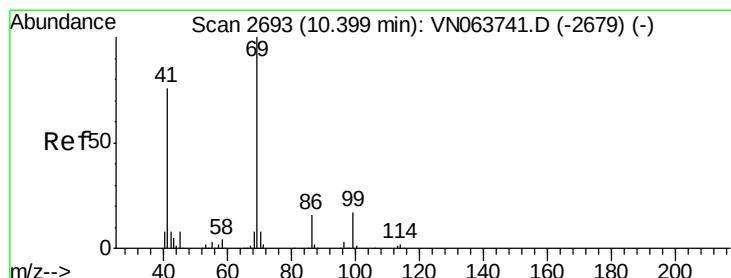
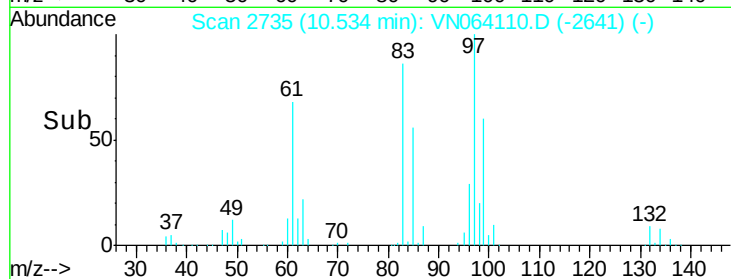
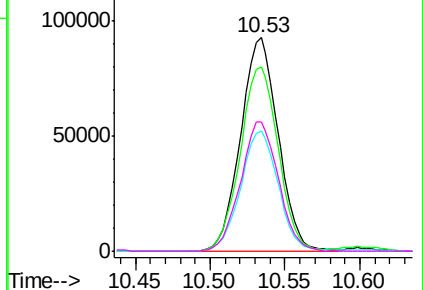


Abundance Ion 96.90 (96.60 to 97.60): VN064110.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN064110.D (-2641) (-)

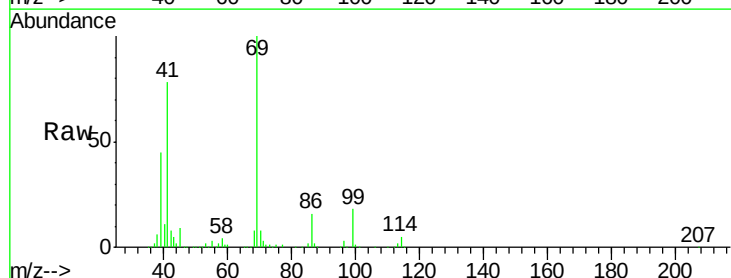
Ion 84.90 (84.60 to 85.60): VN064110.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN064110.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 56.849 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

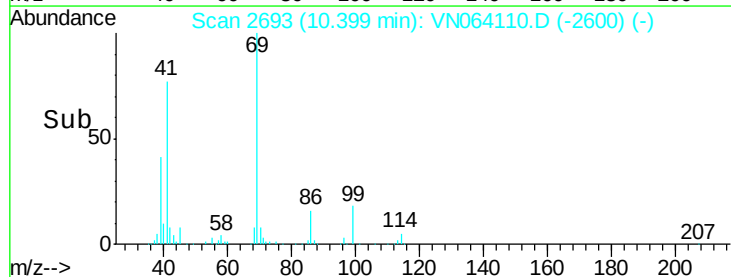
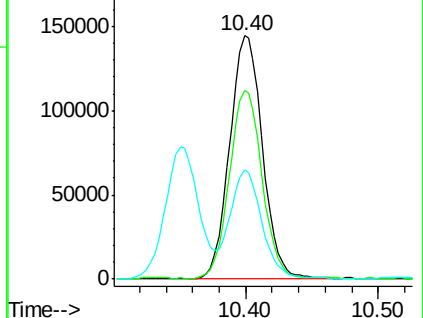
Tgt Ion:	69	Resp:	248428
Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.1	91.7
39	43.4	42.2	63.4

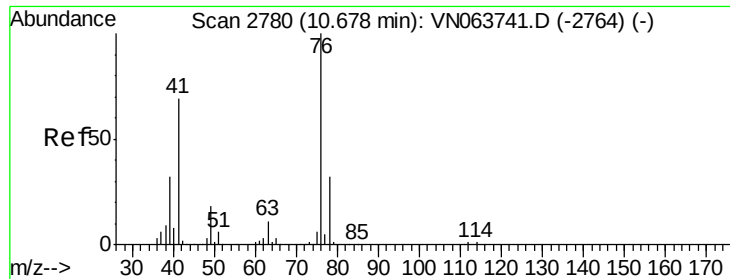


Abundance Ion 69.00 (68.70 to 69.70): VN064110.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064110.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064110.D (-2600) (-)





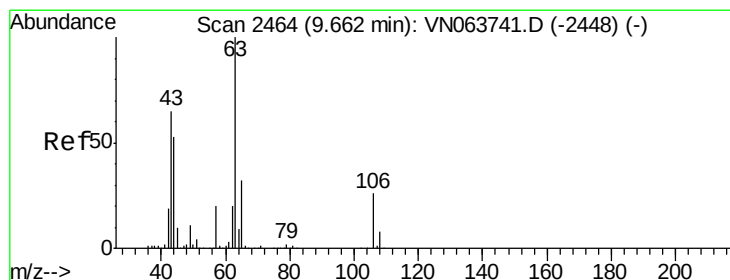
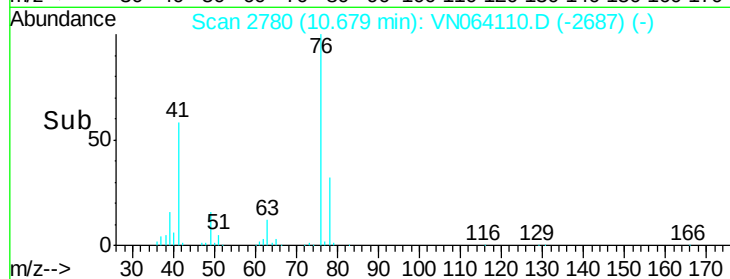
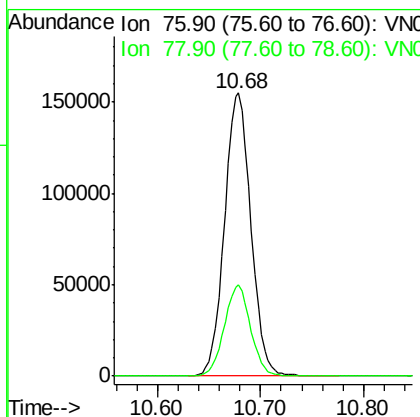
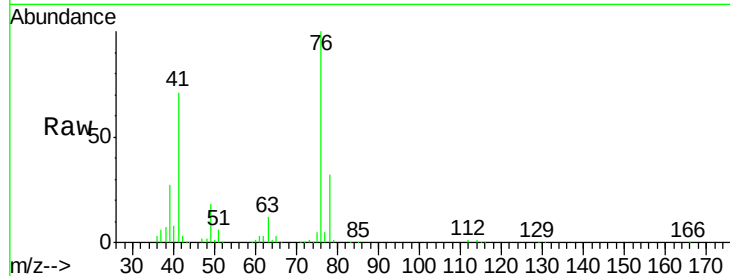
#57
 1,3-Dichloropropane
 Concen: 52.926 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.2	37.8

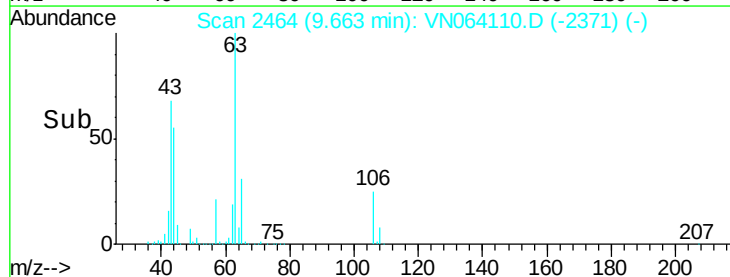
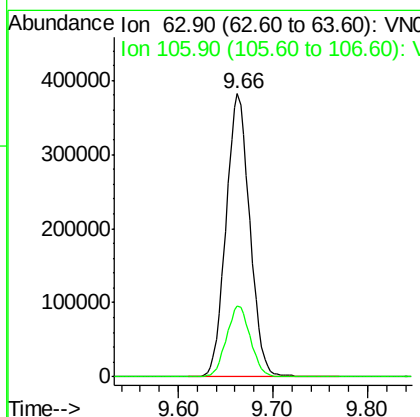
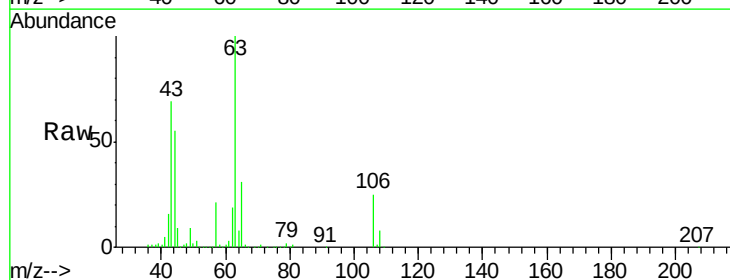
Manual Integrations
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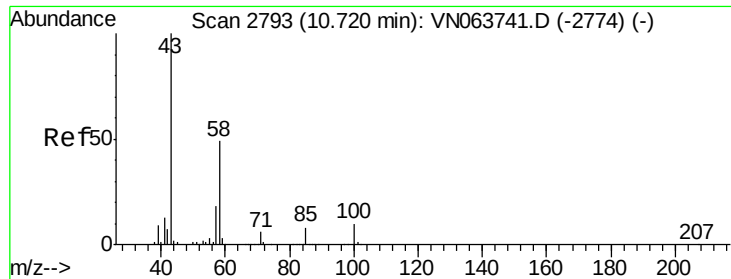
MMDadoda
 10/14/2020 2:09:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.007 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.2	20.7	31.1





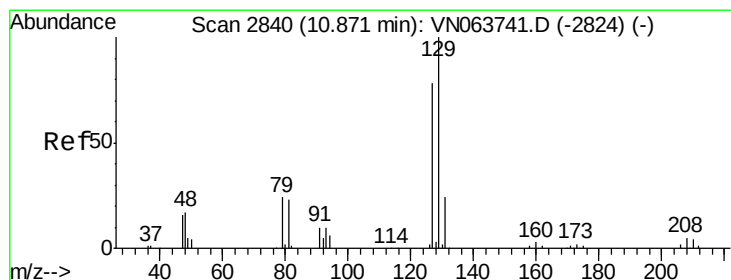
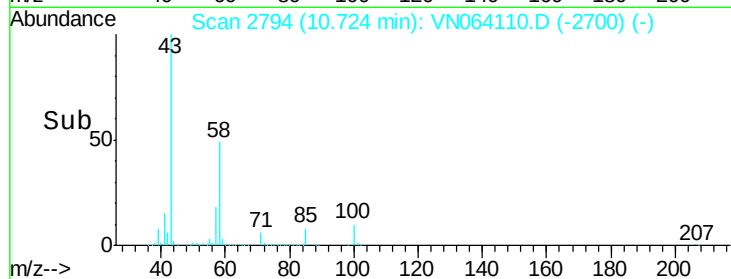
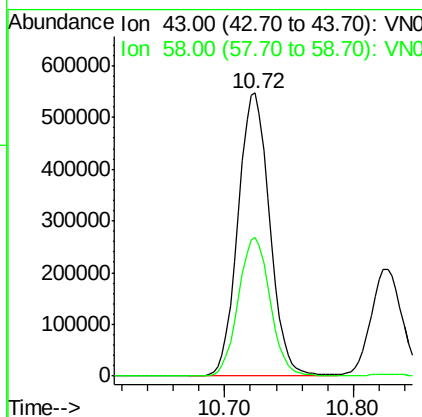
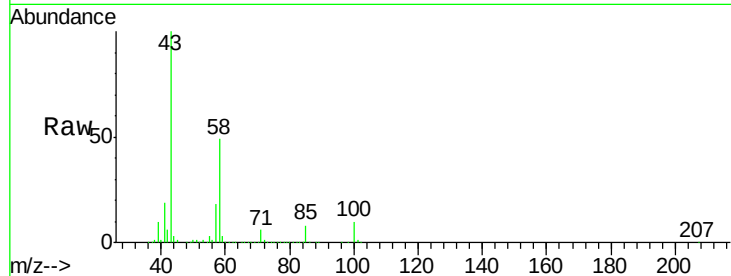
#59
2-Hexanone
Concen: 301.243 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 936456
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.8

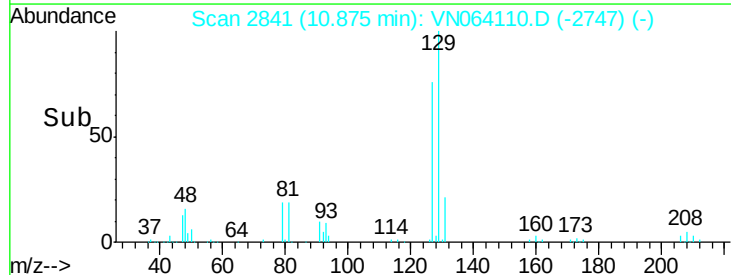
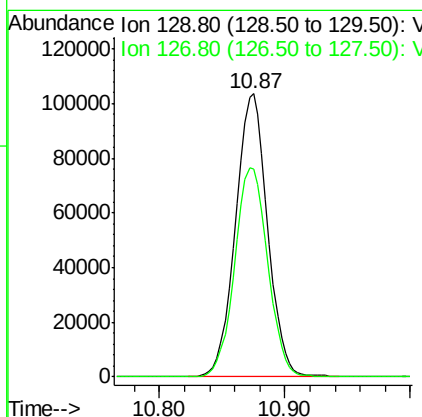
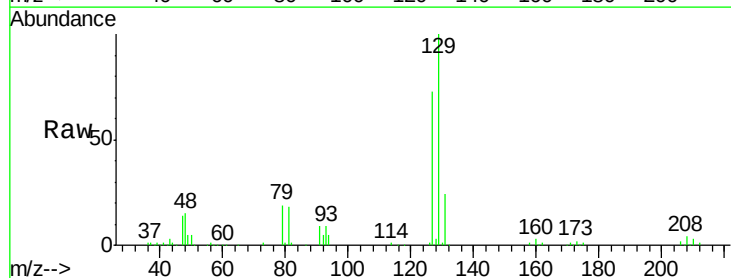
Manual Integrations
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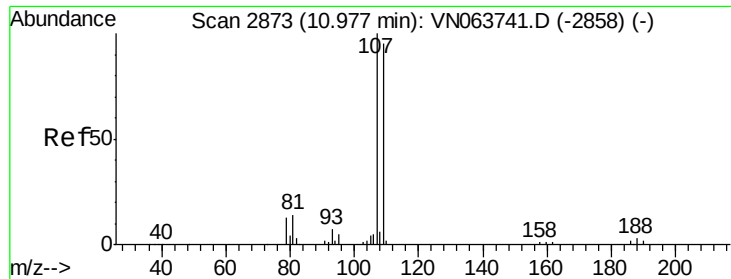
MMDadoda
10/14/2020 2:09:22 PM



#60
Dibromochloromethane
Concen: 51.127 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 129 Resp: 183563
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





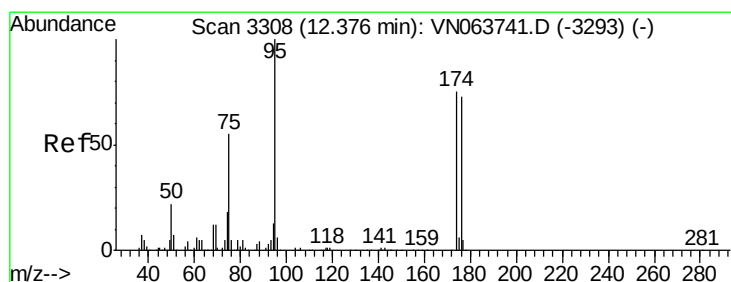
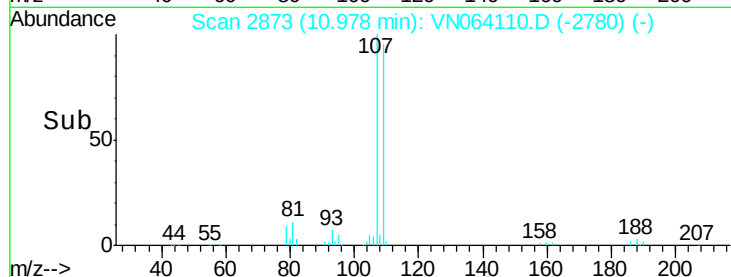
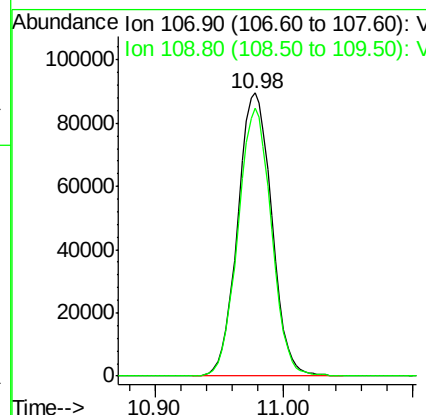
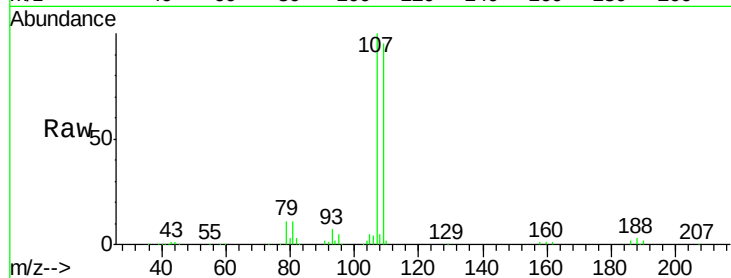
#61
 1,2-Dibromoethane
 Concen: 52.096 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.8	112.2

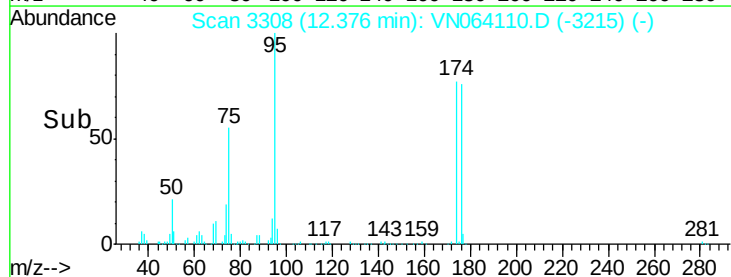
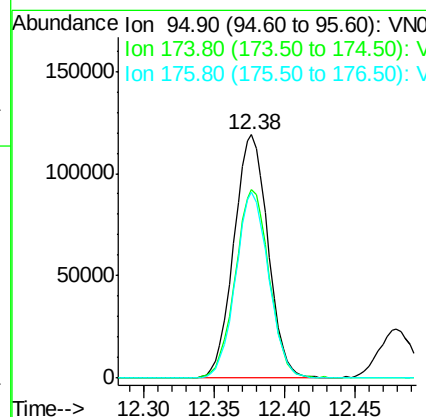
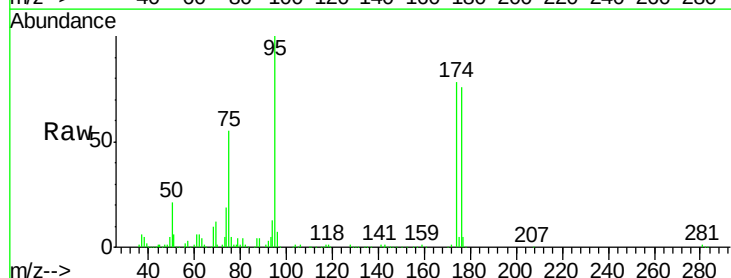
Manual Integrations
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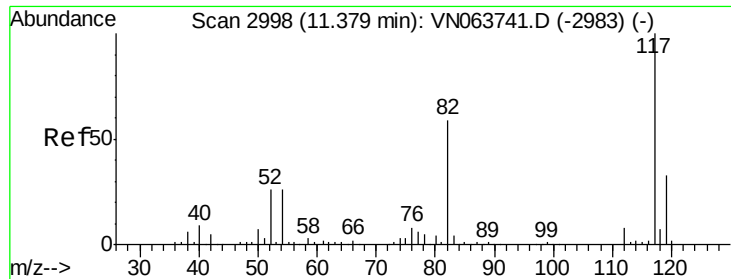
MMDadoda
 10/14/2020 2:09:22 PM



#62
 4-Bromofluorobenzene
 Concen: 47.554 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	150.6
176	74.1	0.0	145.4





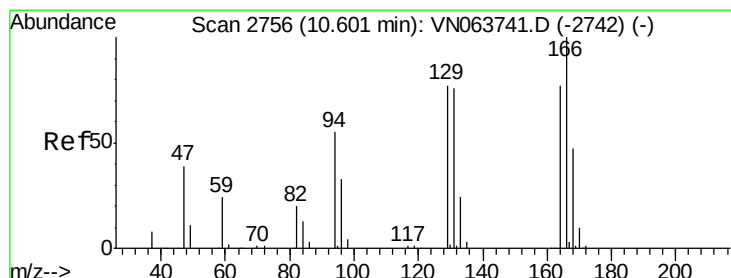
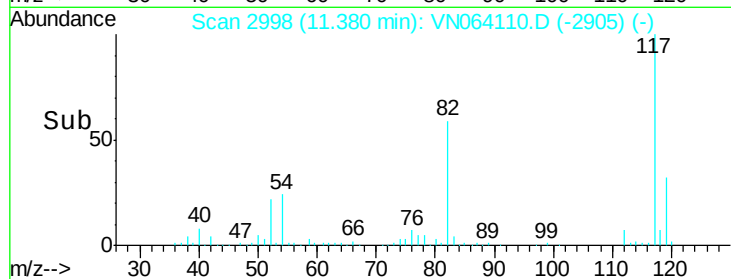
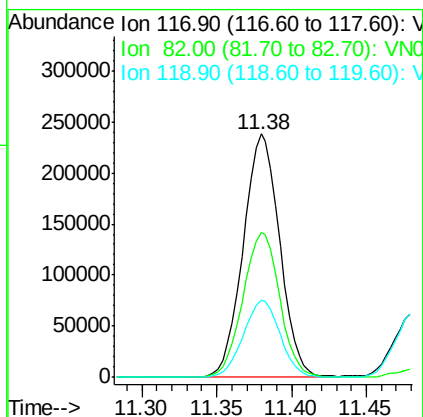
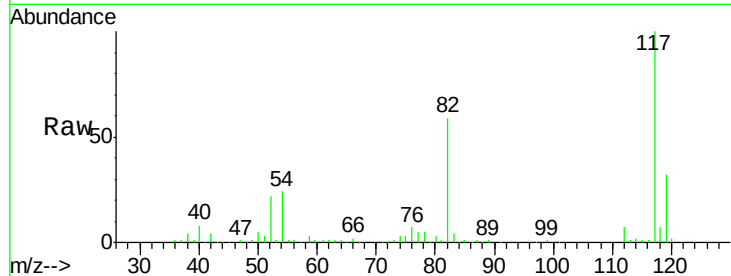
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.4	71.2
119	31.8	26.4	39.6

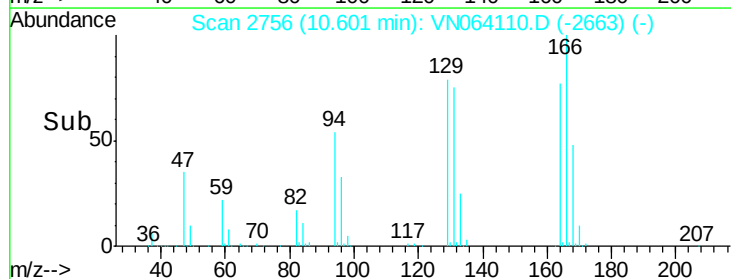
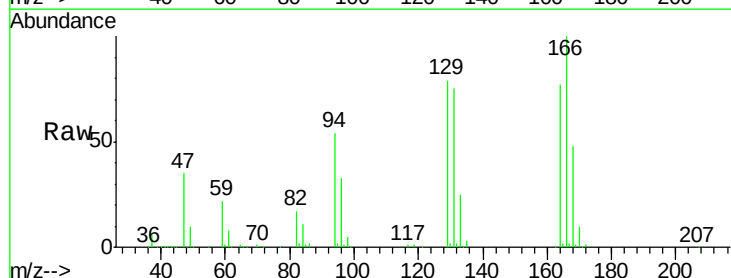
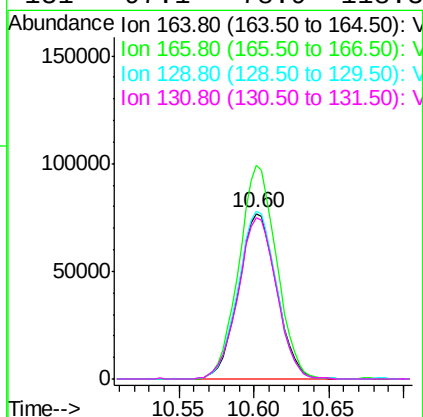
Manual Integrations
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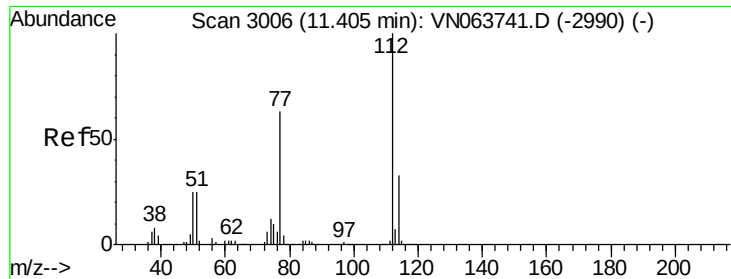
MMDadoda
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#64
Tetrachloroethene
Concen: 43.654 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.9	155.9
129	101.7	80.3	120.5
131	97.1	78.9	118.3





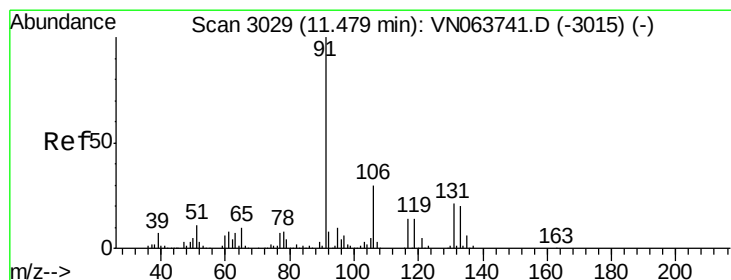
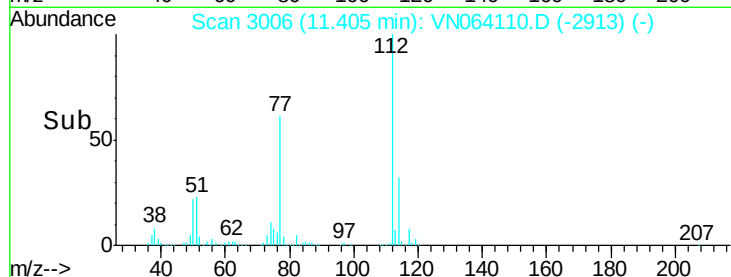
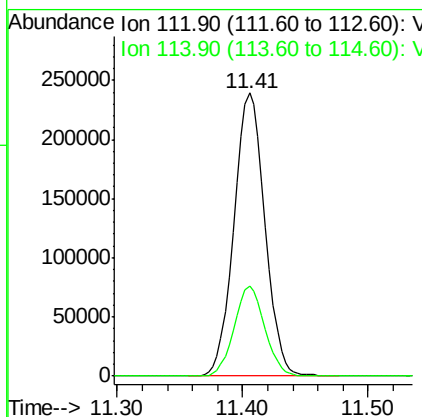
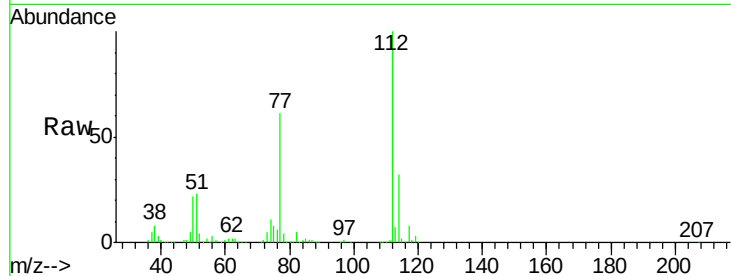
#65
Chlorobenzene
Concen: 49.319 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	409412		
114	31.9	26.1	39.1	

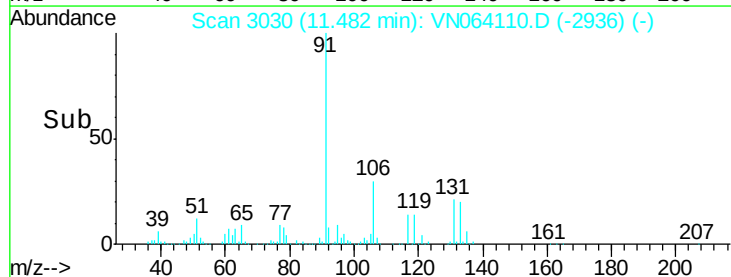
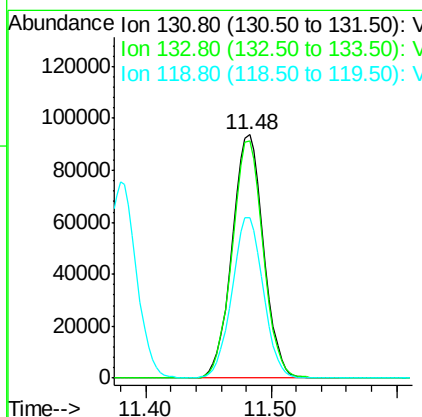
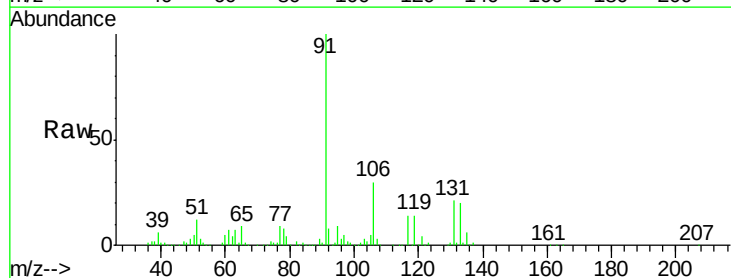
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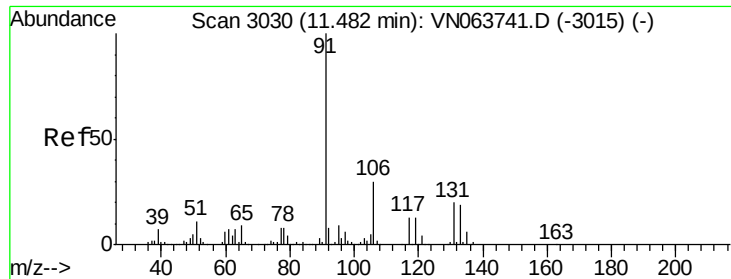
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.314 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	163306		
133	96.1	47.3	141.8	
119	65.1	32.6	97.7	





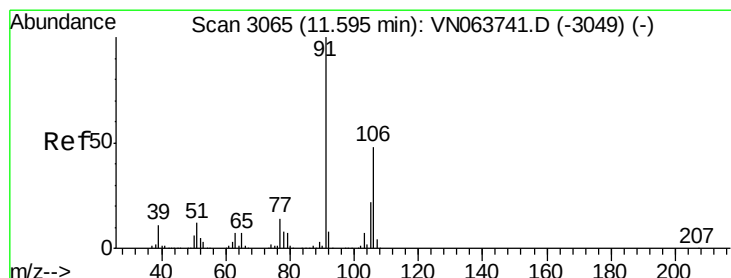
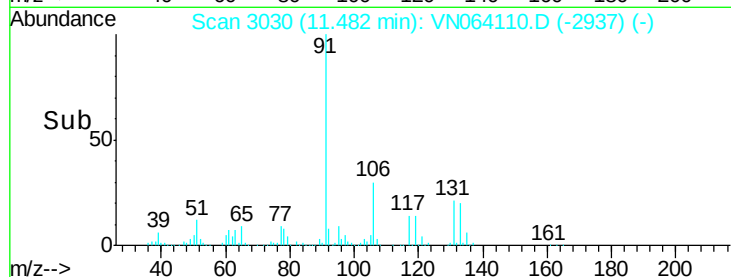
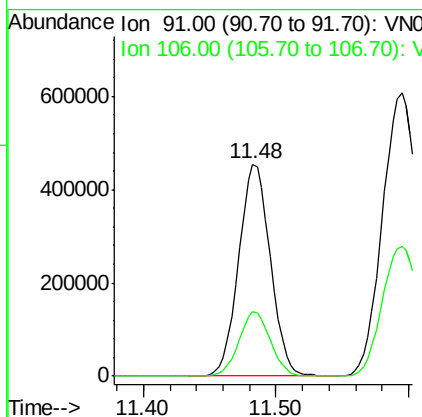
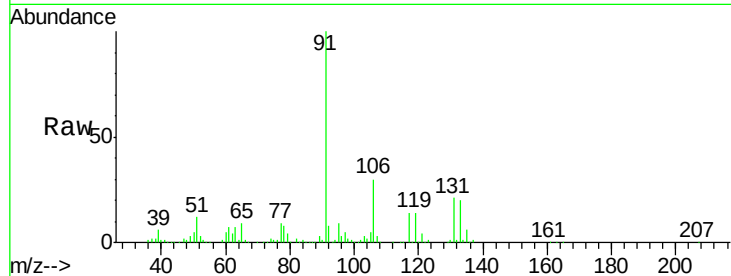
#67
Ethyl Benzene
Concen: 50.015 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 755485
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

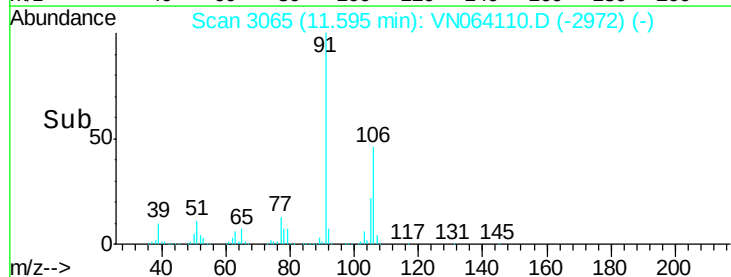
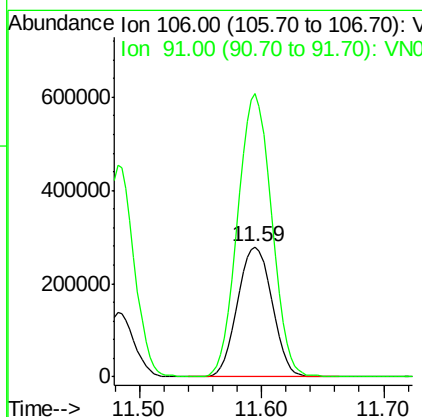
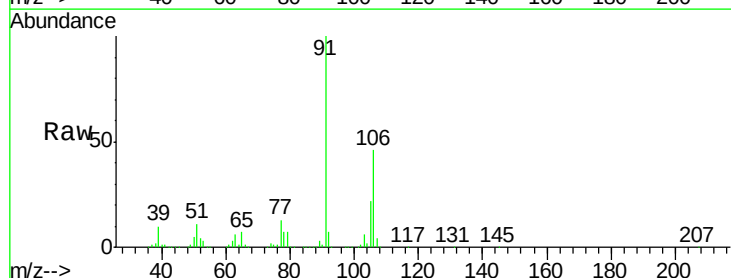
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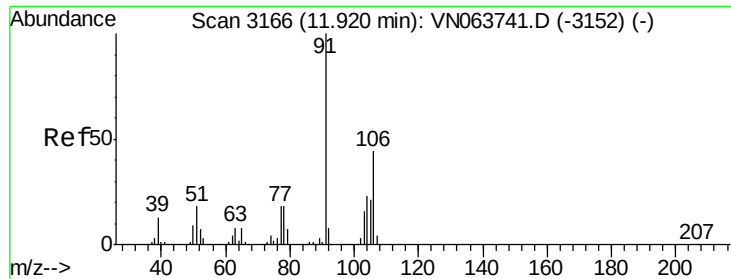
MMDadoda
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#68
m/p-Xylenes
Concen: 96.938 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion: 106 Resp: 545730
Ion Ratio Lower Upper
106 100
91 213.4 168.0 252.0





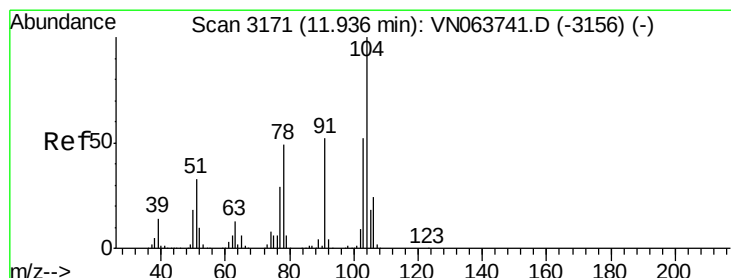
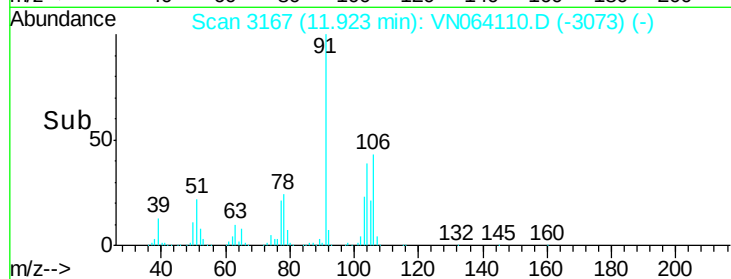
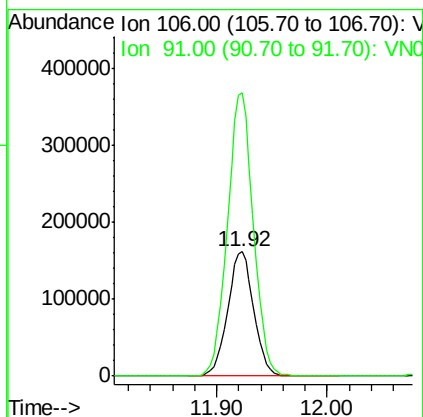
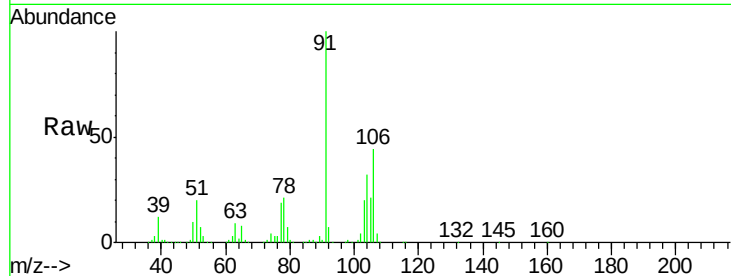
#69
o-Xylene
Concen: 50.301 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		264680		
91	226.9	112.7	338.0		

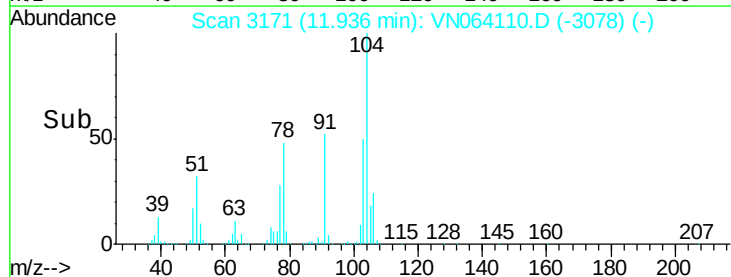
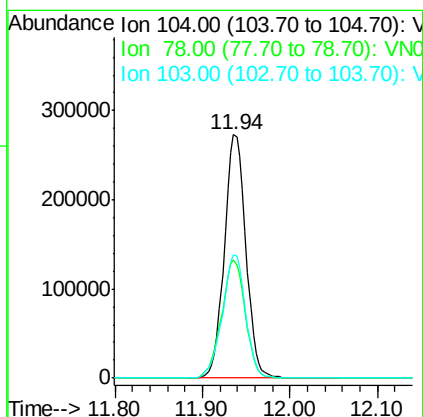
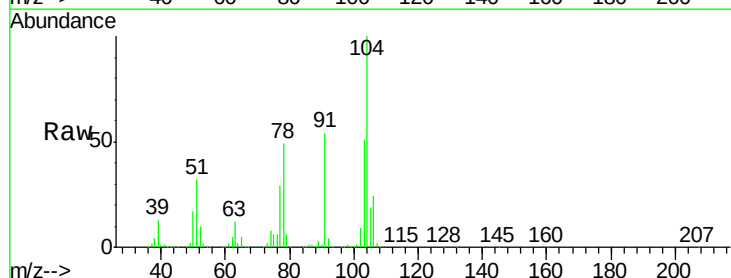
Manual Integrations
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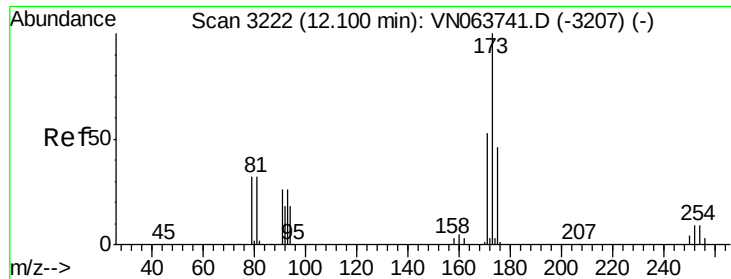
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#70
Styrene
Concen: 52.413 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		468153		
78	53.7	44.1	66.1		
103	54.2	44.3	66.5		





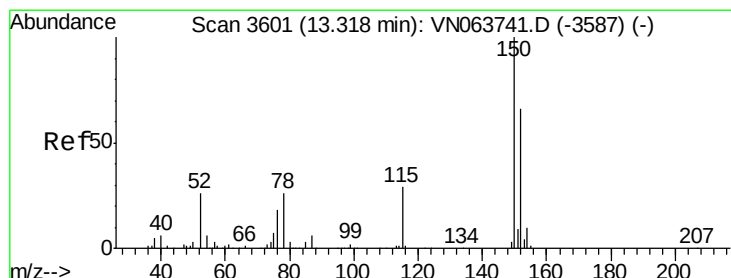
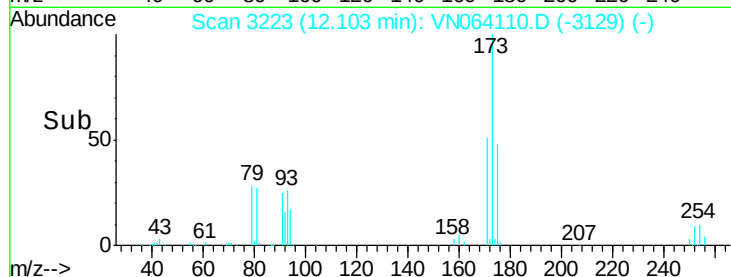
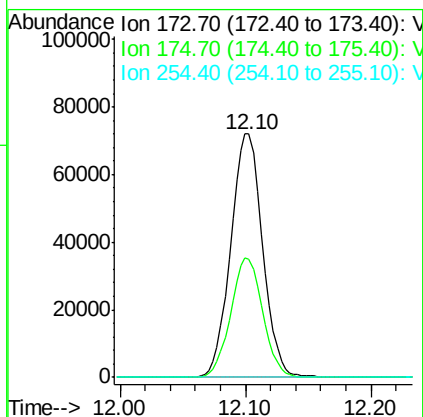
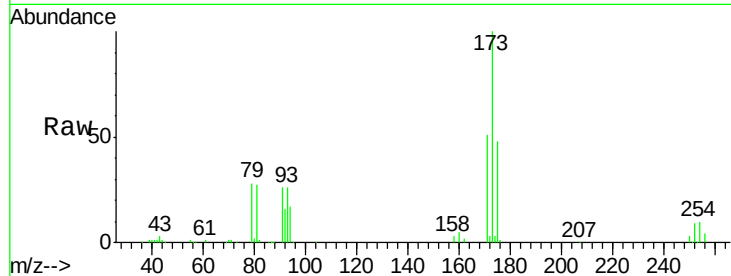
#71
Bromoform
Concen: 52.208 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.5	70.5
254	0.0	0.0	0.0

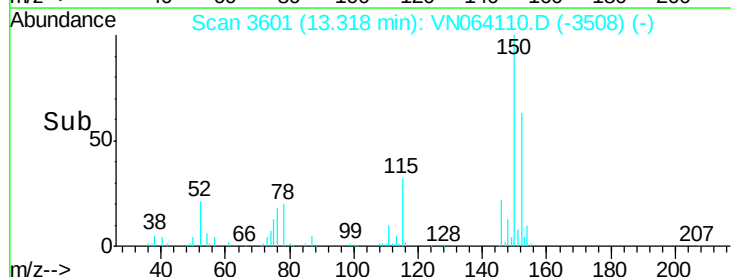
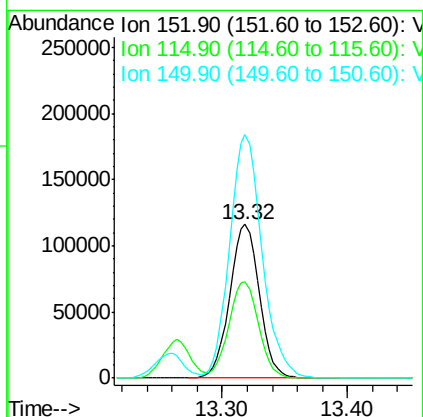
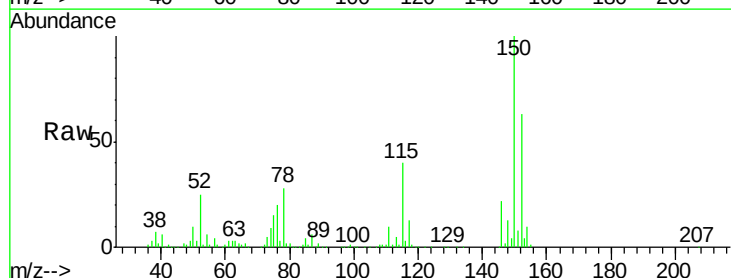
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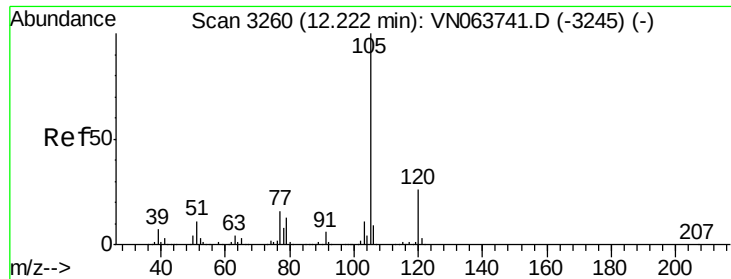
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.3	93.8
150	172.6	0.0	341.8





#73

Isopropylbenzene

Concen: 51.329 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 713138

Ion Ratio Lower Upper

105 100

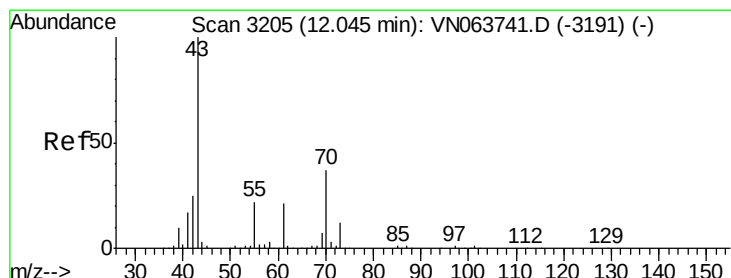
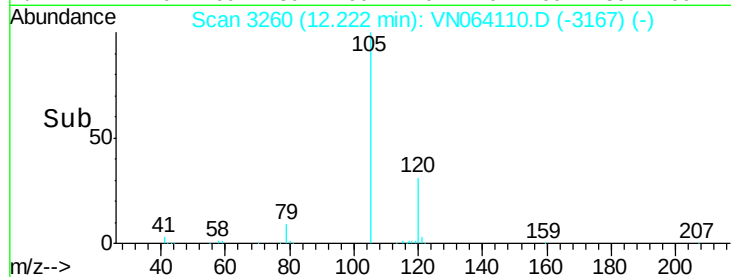
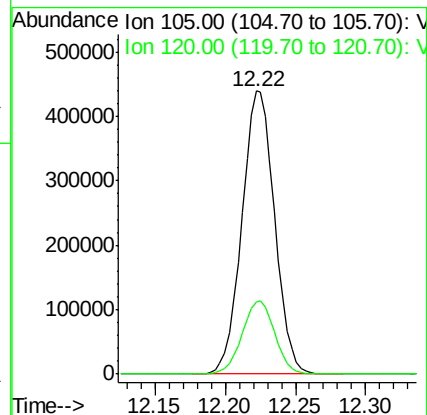
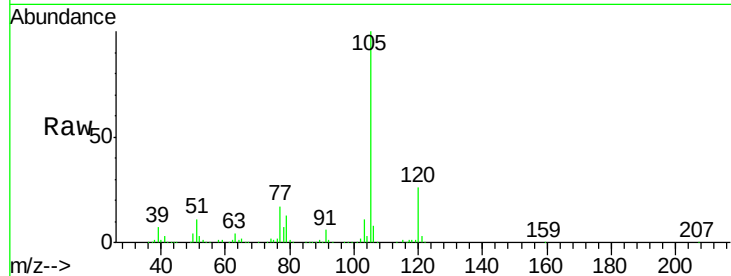
120 25.9 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.731 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Tgt Ion: 43 Resp: 354838

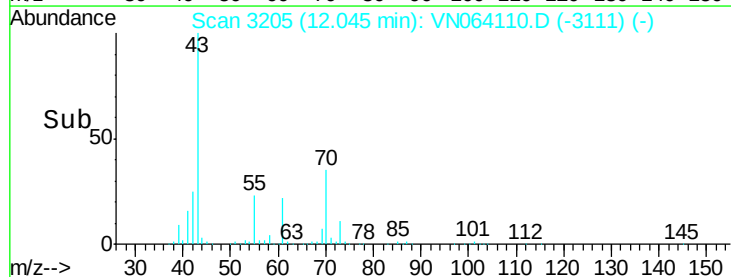
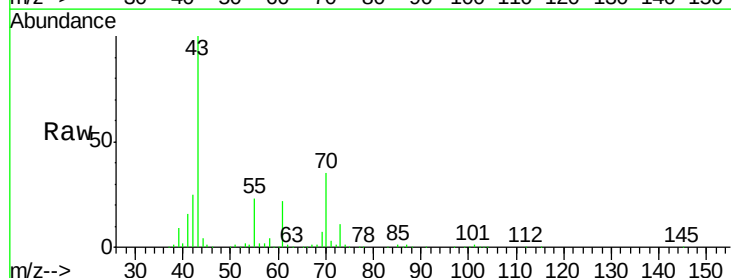
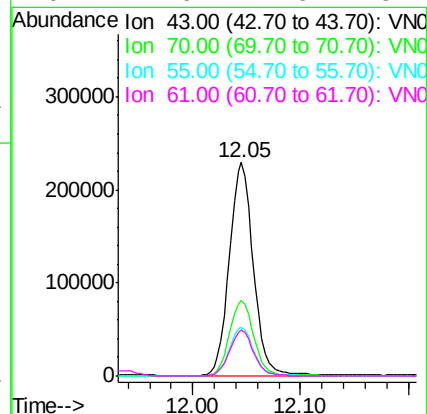
Ion Ratio Lower Upper

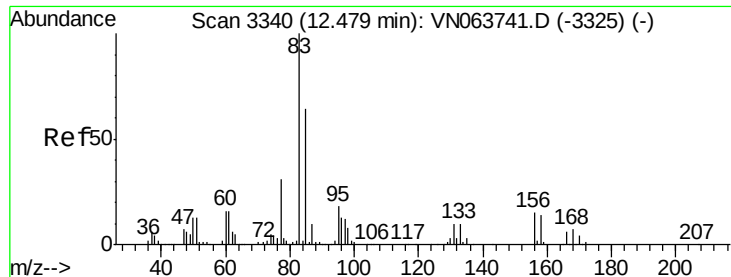
43 100

70 36.0 29.8 44.8

55 23.2 17.9 26.9

61 21.6 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.993 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 237888

Ion Ratio Lower Upper

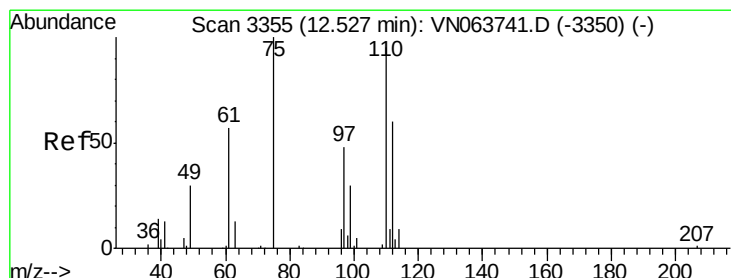
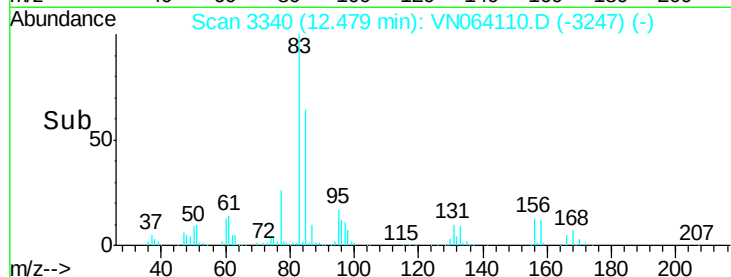
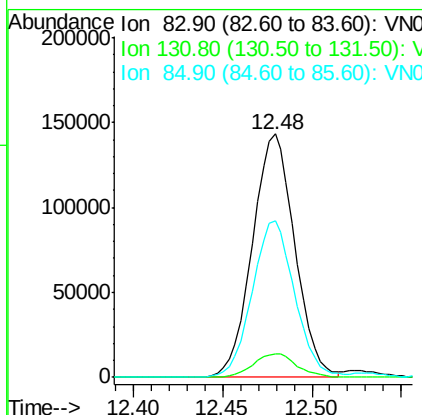
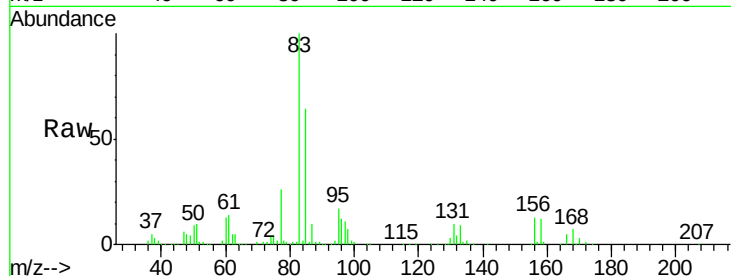
83 100

131 10.0 5.3 15.8

85 64.3 31.3 93.8

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#76

1,2,3-Trichloropropane

Concen: 52.494 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064110.D

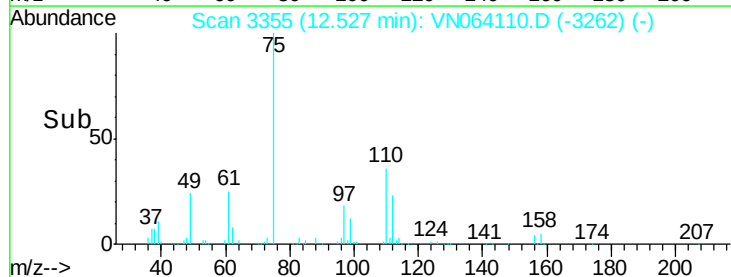
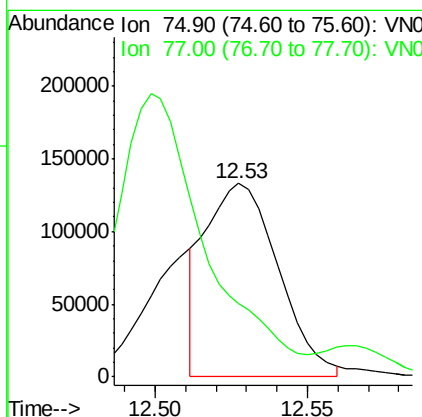
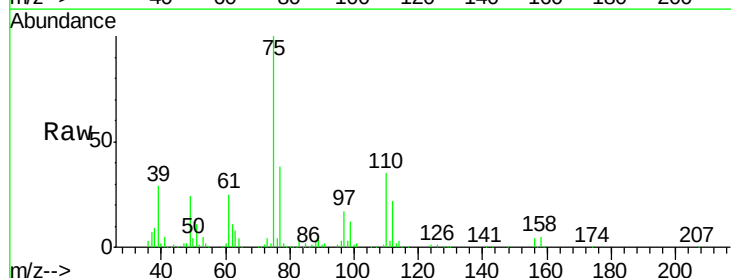
Acq: 13 Oct 2020 18:46

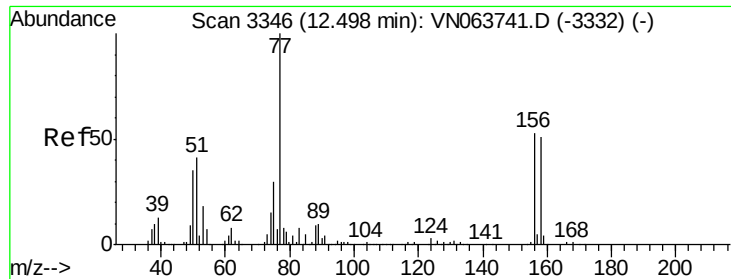
Tgt Ion: 75 Resp: 220420

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.523 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 179058

Ion Ratio Lower Upper

156 100

77 223.6 110.9 332.7

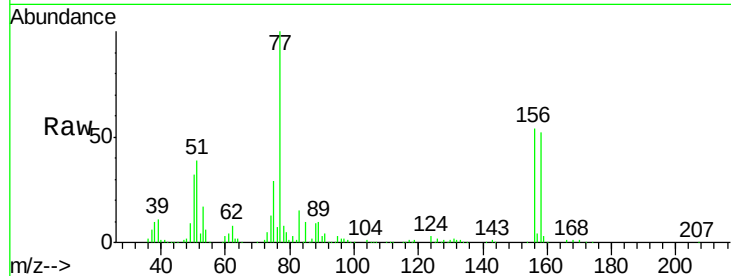
158 94.5 47.7 143.1

Manual Integrations

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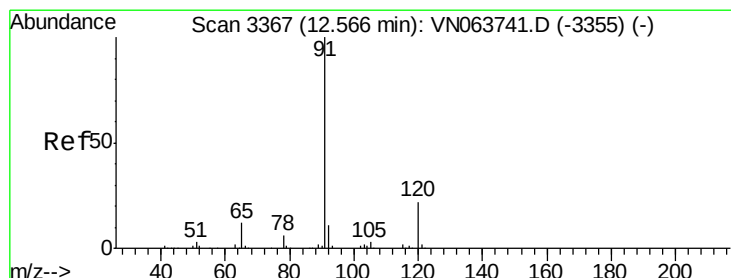
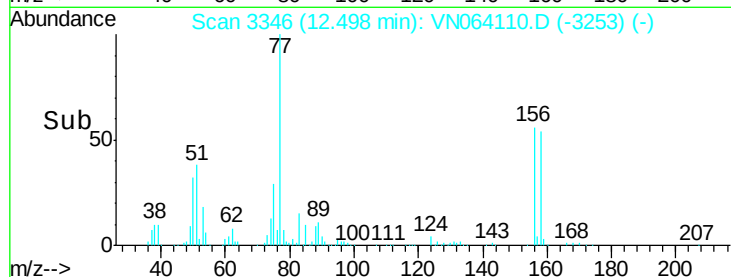
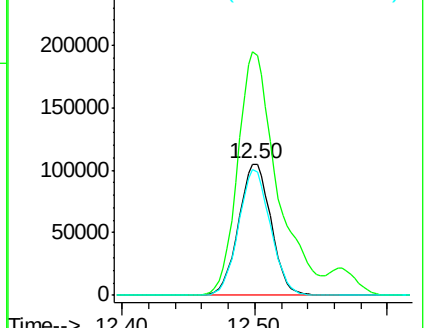
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.438 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064110.D

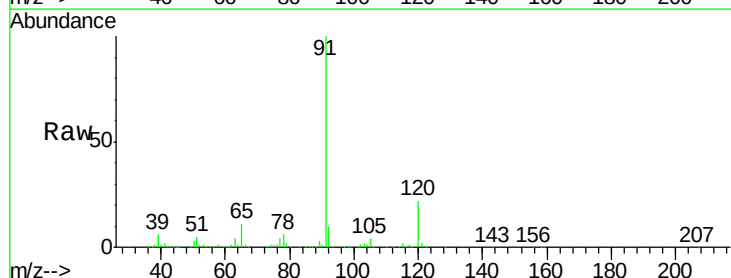
Acq: 13 Oct 2020 18:46

Tgt Ion: 91 Resp: 815545

Ion Ratio Lower Upper

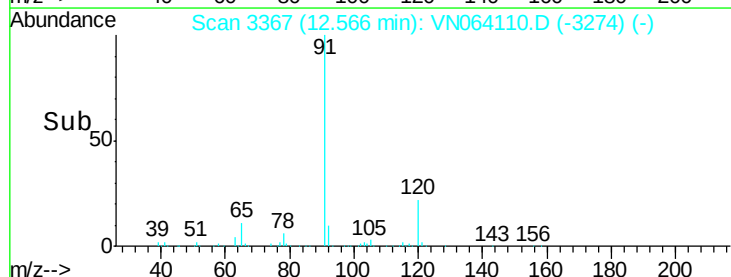
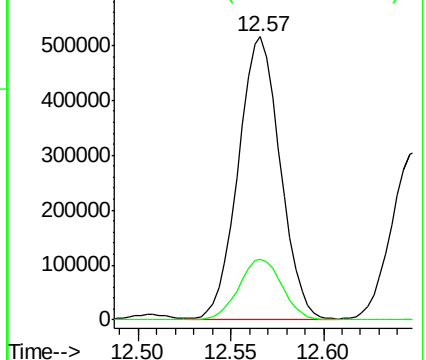
91 100

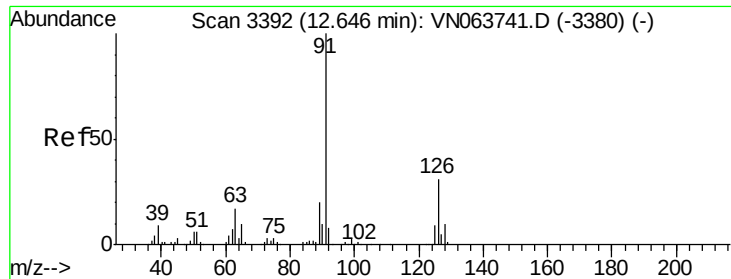
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.244 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 509591

Ion Ratio Lower Upper

91 100

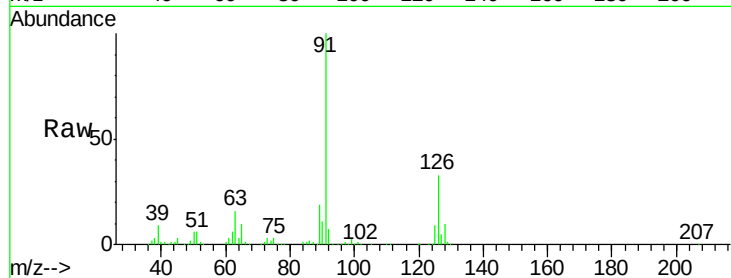
126 32.2 15.9 47.7

Manual Integrations

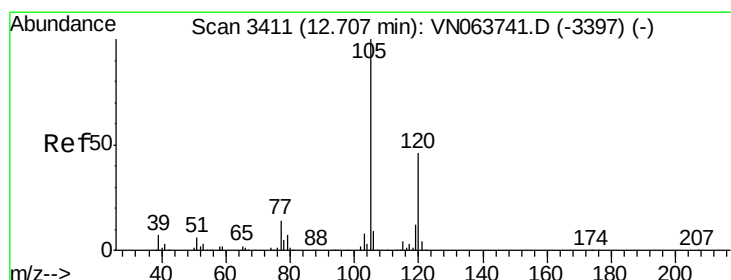
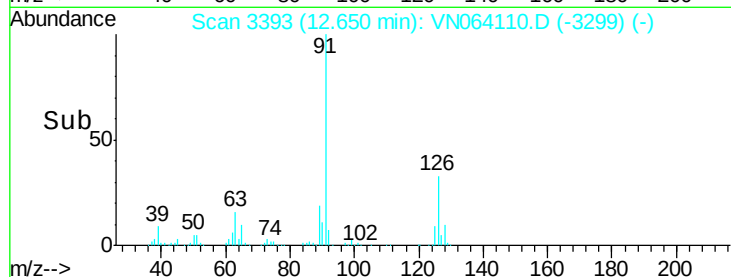
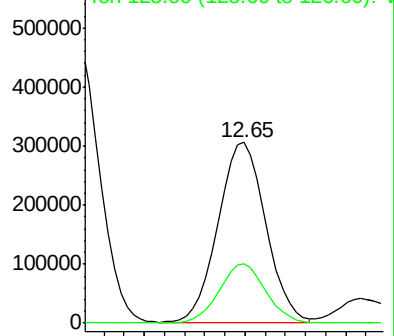
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Abundance Ion 91.00 (90.70 to 91.70): VN064110.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.288 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064110.D

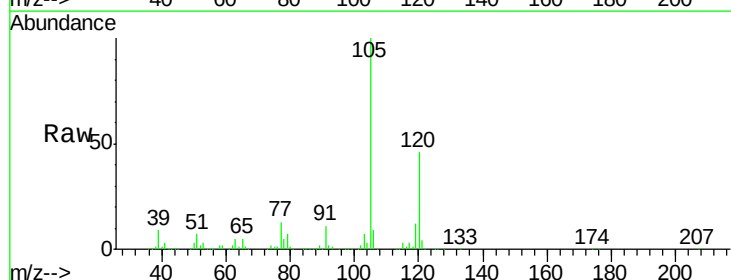
Acq: 13 Oct 2020 18:46

Tgt Ion: 105 Resp: 597808

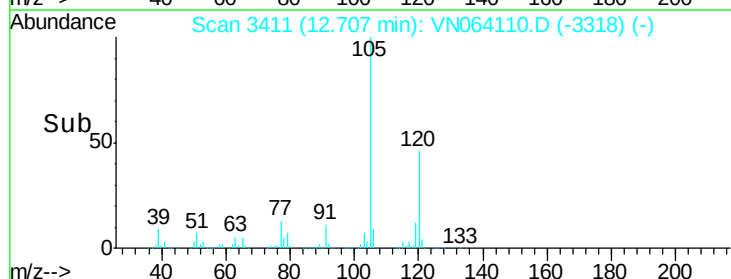
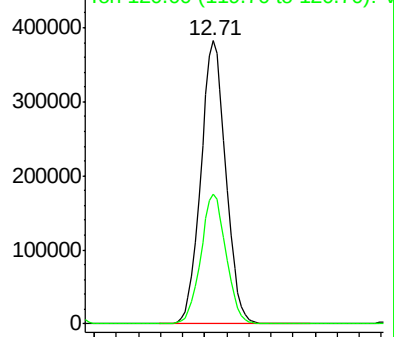
Ion Ratio Lower Upper

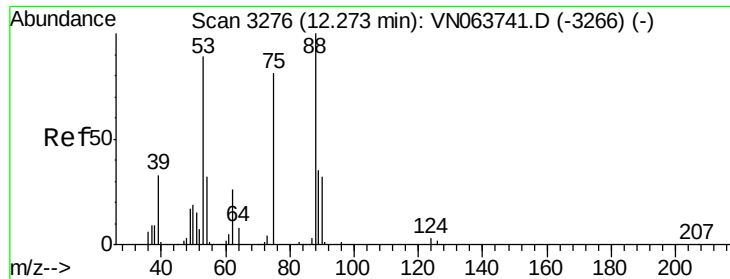
105 100

120 46.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN064110.D (-3410) (-)





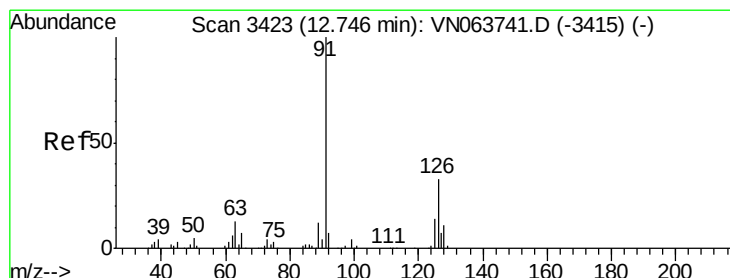
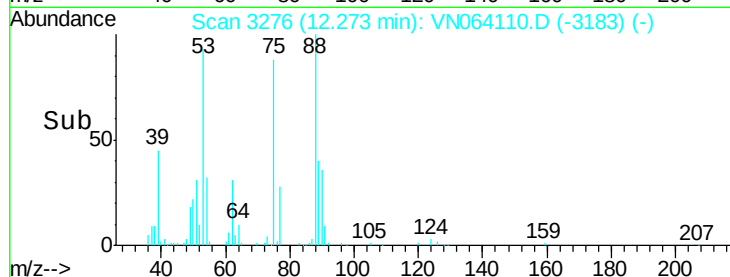
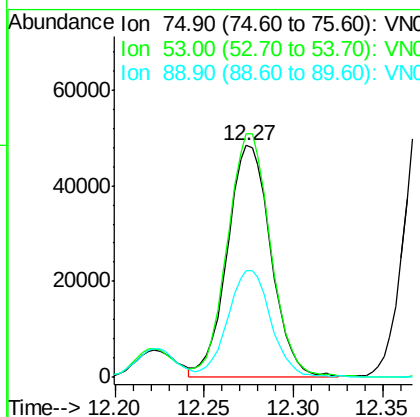
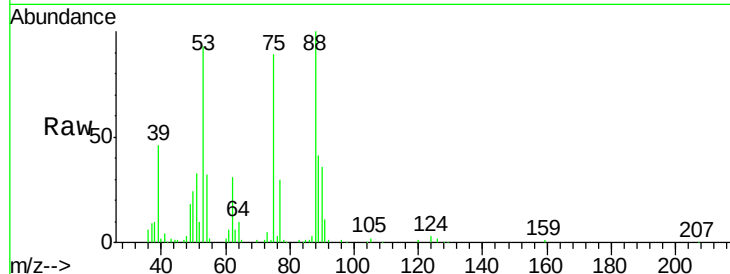
#81
trans-1,4-Dichloro-2-butene
Concen: 56.687 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.4	88.2	132.2
89	45.8	36.0	54.0

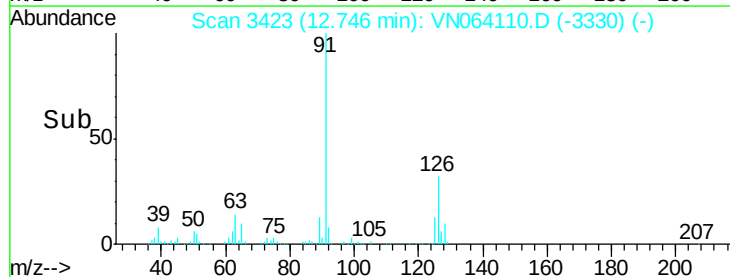
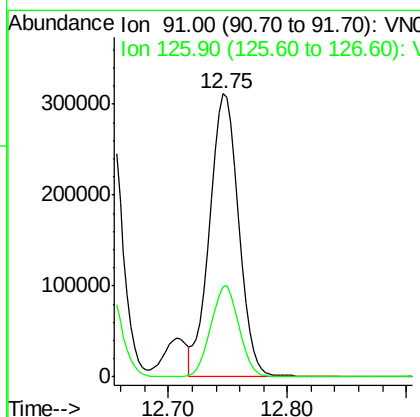
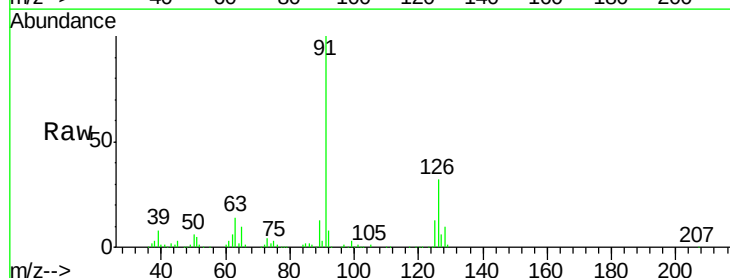
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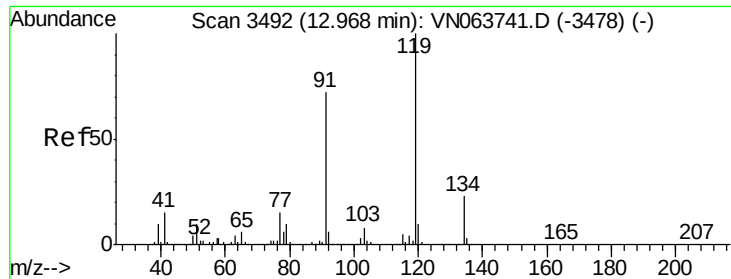
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#82
4-Chlorotoluene
Concen: 51.010 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





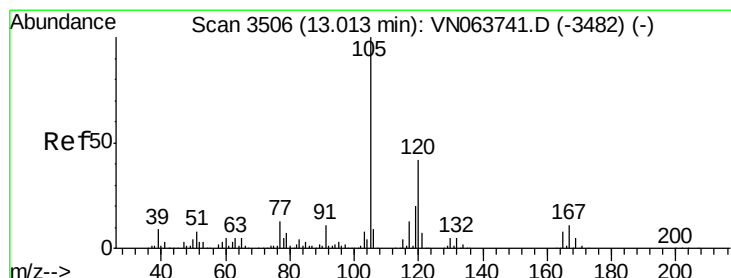
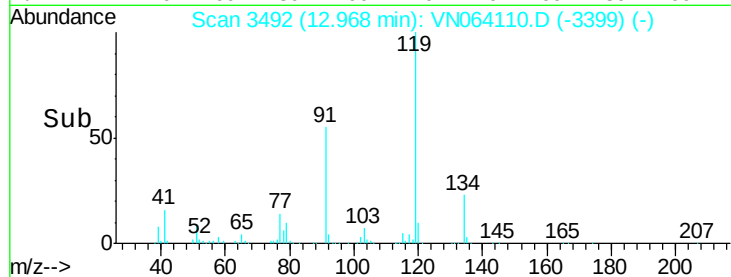
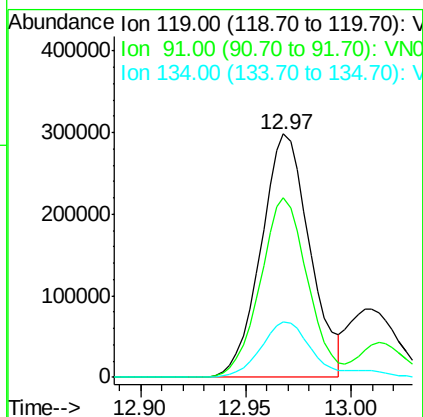
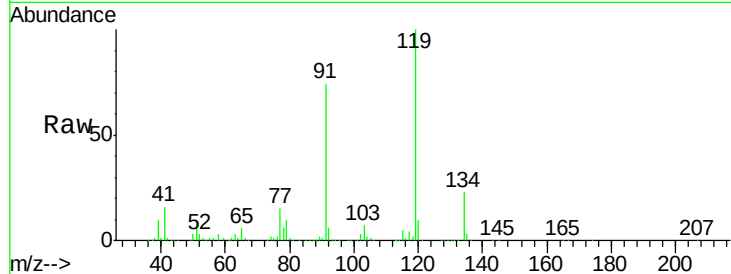
#83
 tert-Butylbenzene
 Concen: 50.463 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	35.5	106.5
134	23.1	11.7	35.1

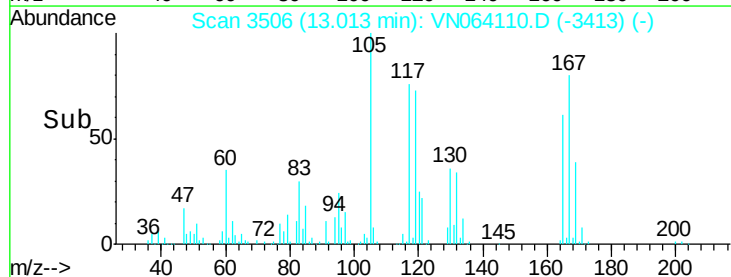
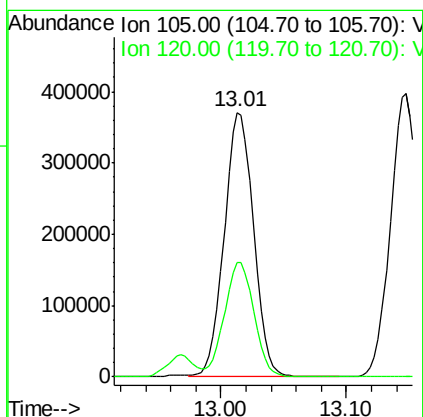
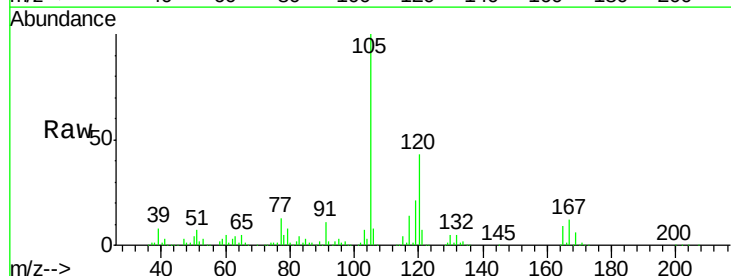
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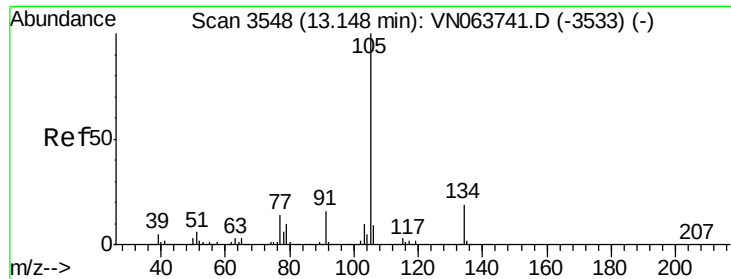
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.468 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	20.9	62.7





#85

sec-Butylbenzene

Concen: 50.224 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 628942

Ion Ratio Lower Upper

105 100

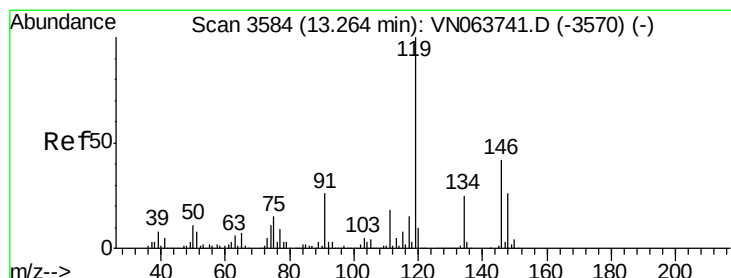
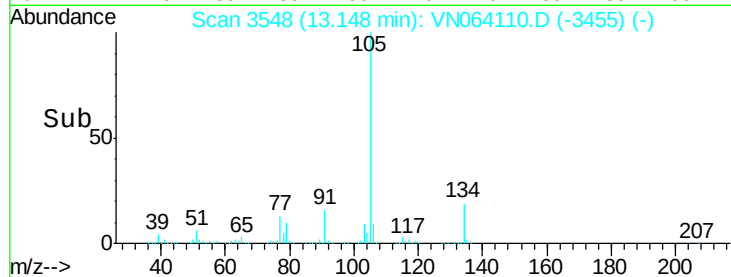
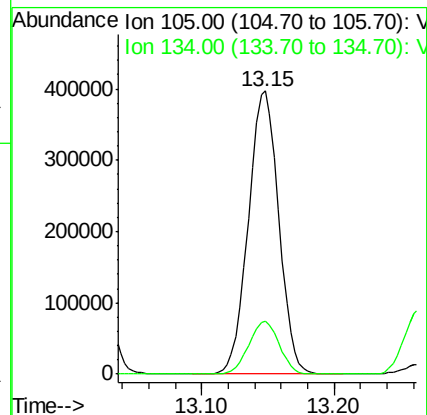
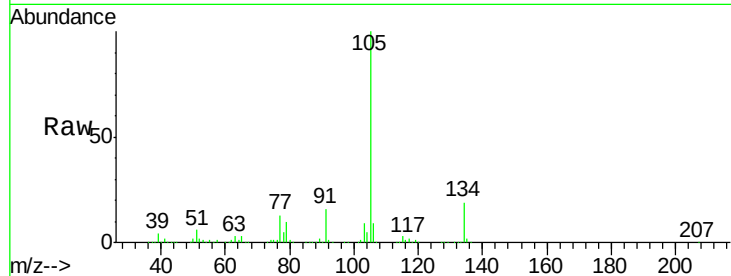
134 18.8 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.268 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064110.D

Acq: 13 Oct 2020 18:46

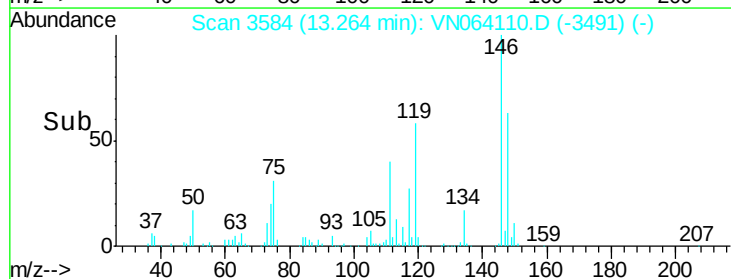
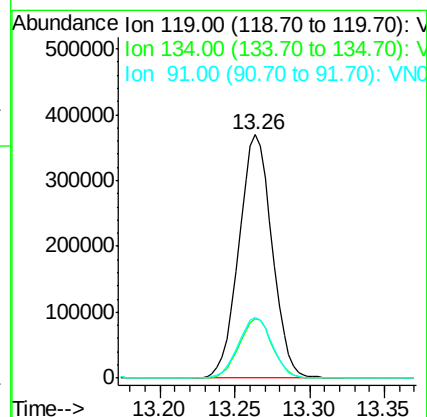
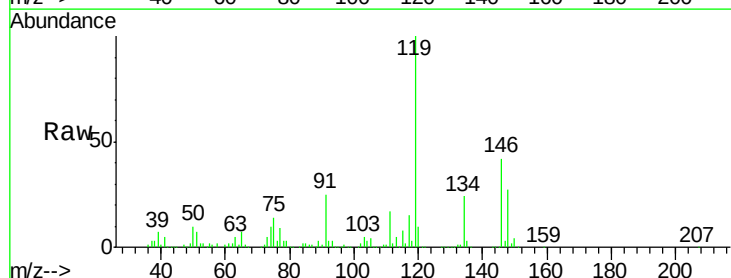
Tgt Ion:119 Resp: 567968

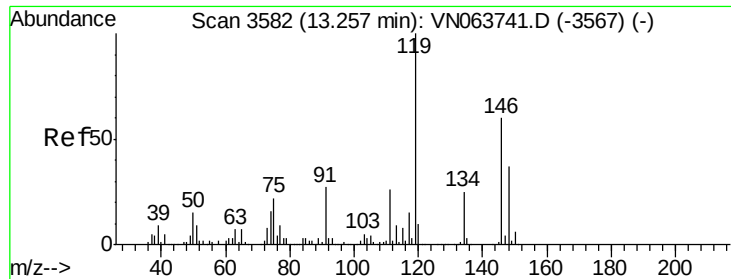
Ion Ratio Lower Upper

119 100

134 24.5 12.6 37.8

91 25.6 13.4 40.2





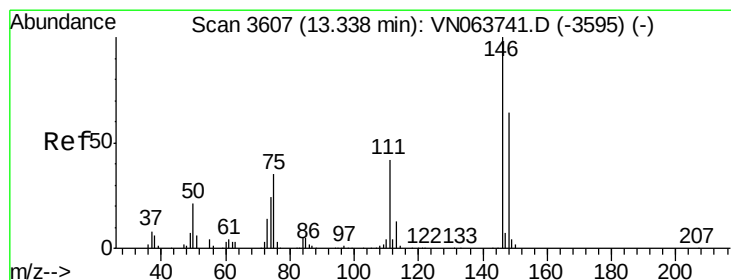
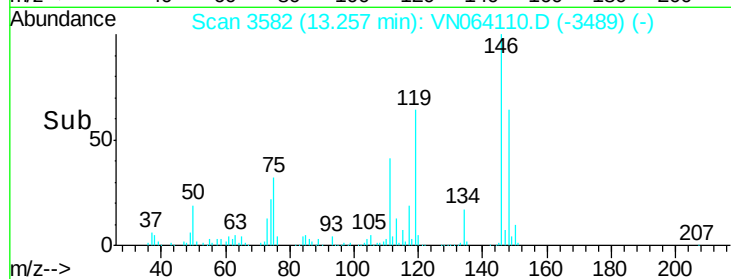
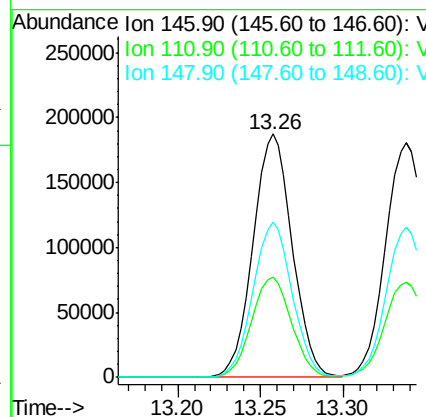
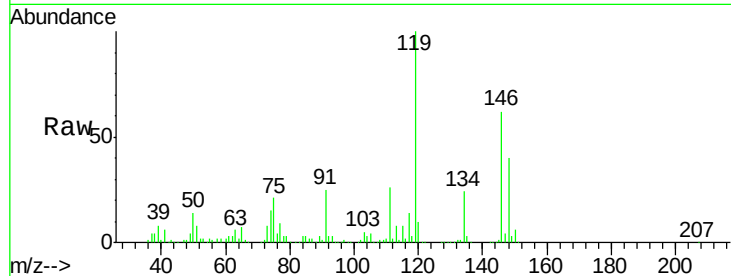
#87
 1,3-Dichlorobenzene
 Concen: 49.824 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	307296		
111	42.0		21.5	64.5
148	63.7		31.1	93.3

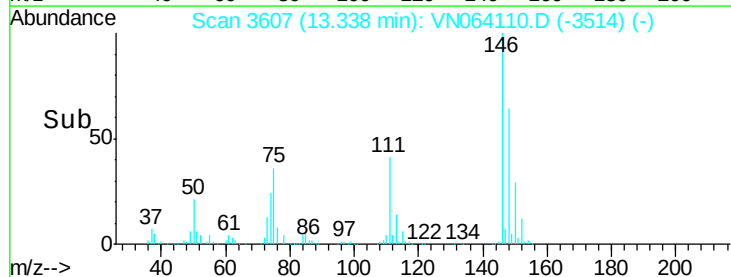
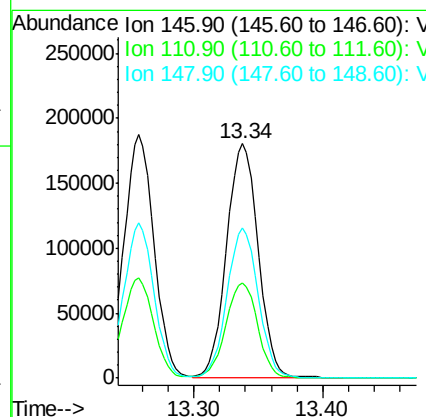
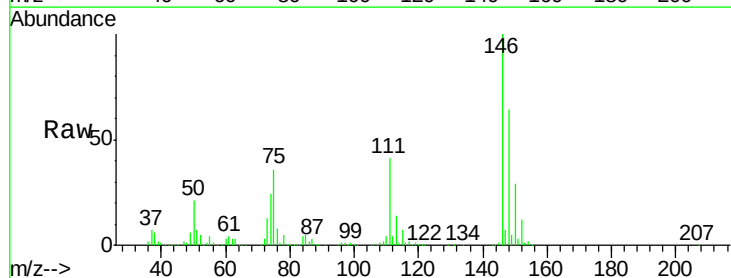
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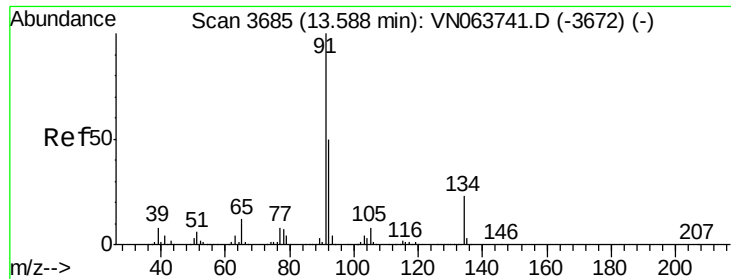
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#88
 1,4-Dichlorobenzene
 Concen: 47.596 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	305646		
111	40.9		21.3	63.7
148	63.3		32.0	96.0





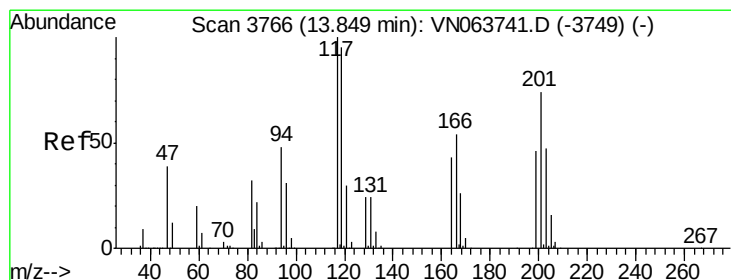
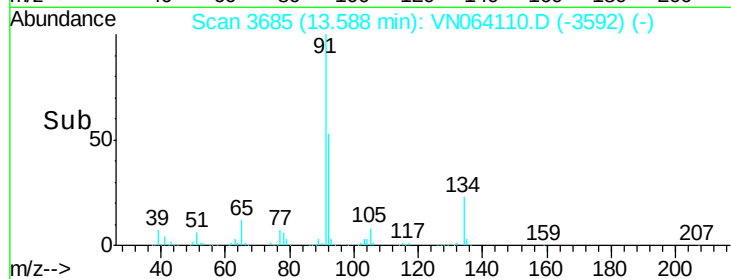
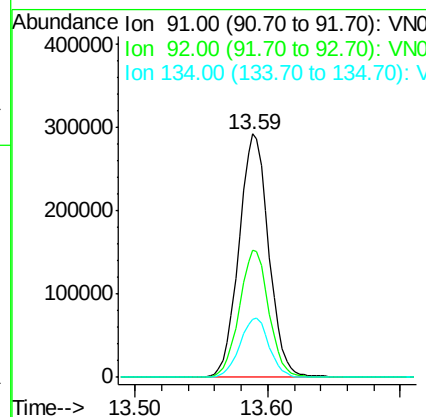
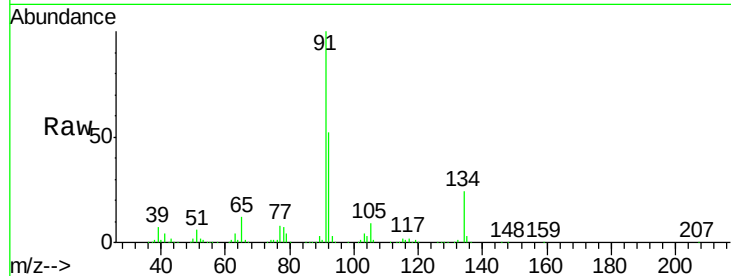
#89
n-Butylbenzene
Concen: 44.588 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.4	76.4
134	24.1	11.7	35.1

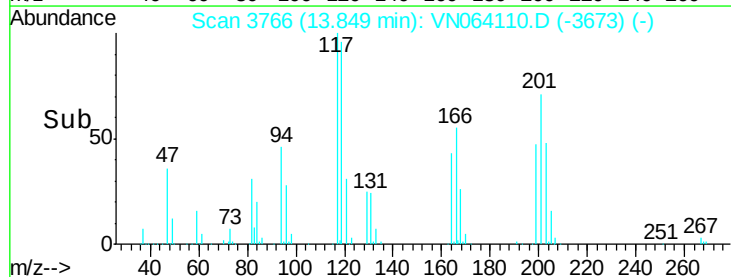
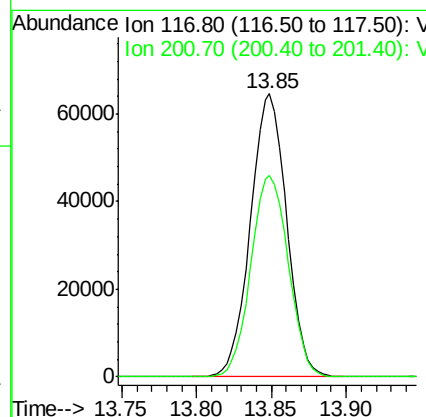
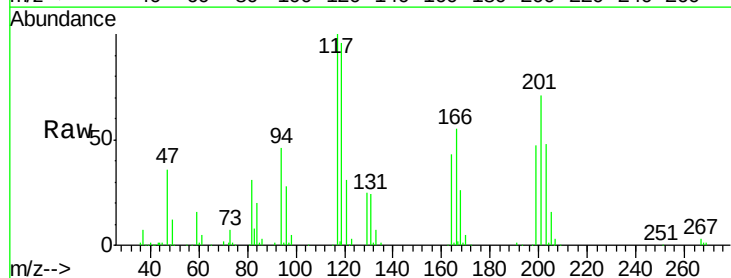
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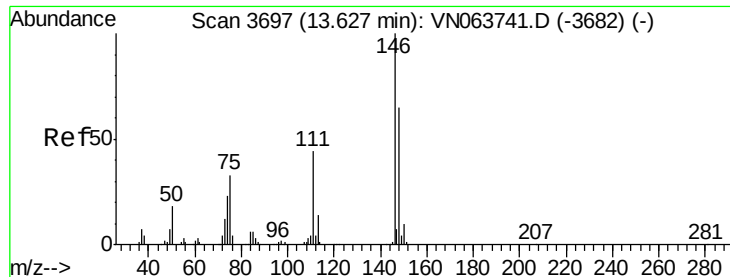
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#90
Hexachloroethane
Concen: 50.696 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.4	36.0	108.0





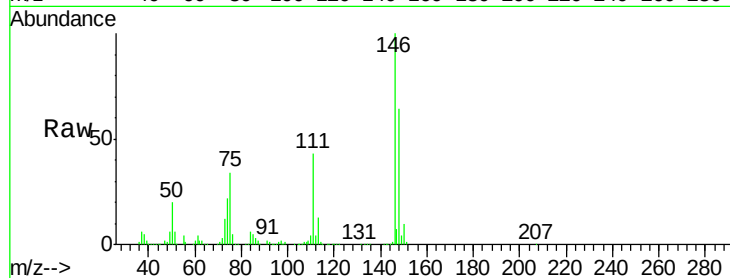
#91
 1,2-Dichlorobenzene
 Concen: 50.797 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.2	66.6
148	63.1	32.5	97.4

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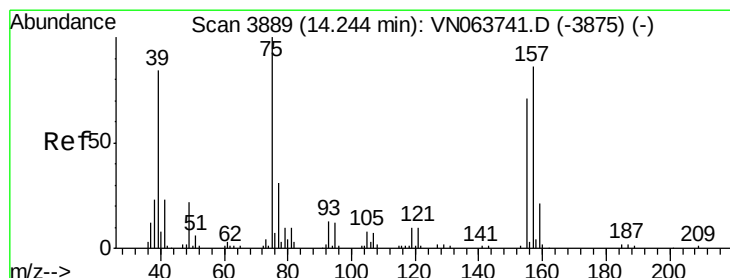
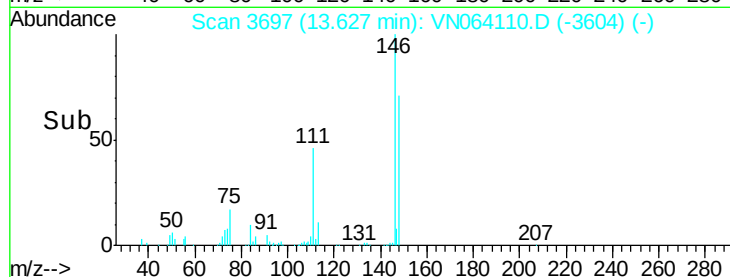
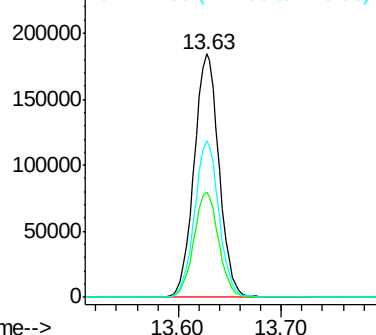


Abundance

Ion 145.90 (145.60 to 146.60): V

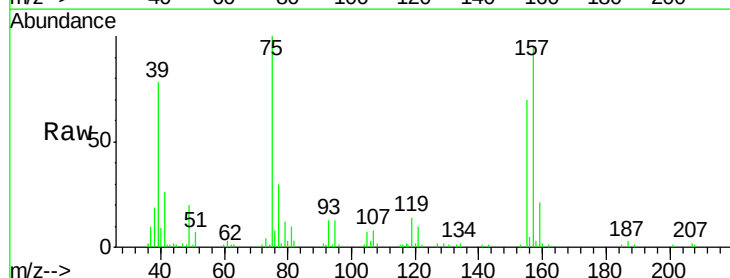
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.191 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	34.8	104.5
157	96.1	43.7	131.1

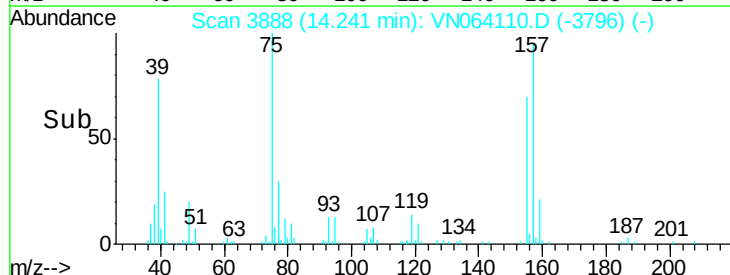
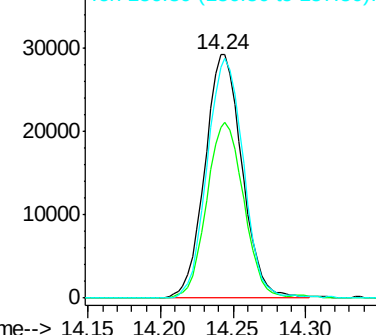


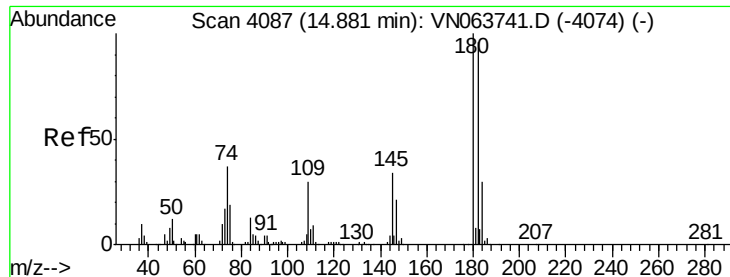
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





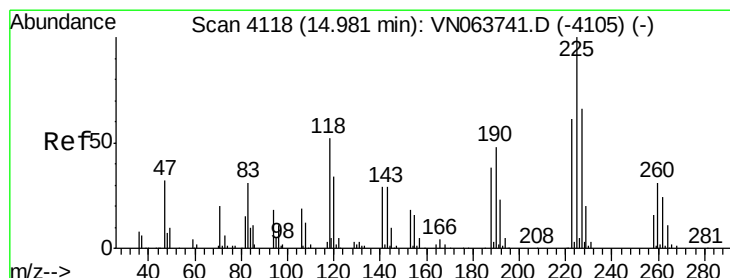
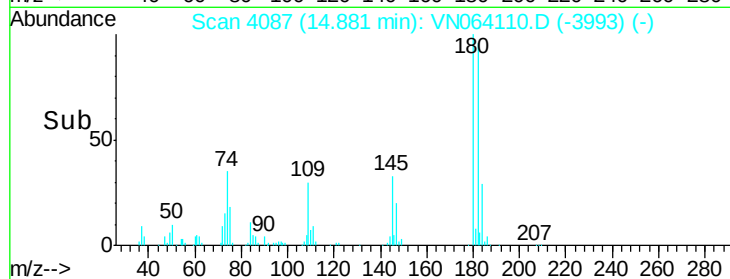
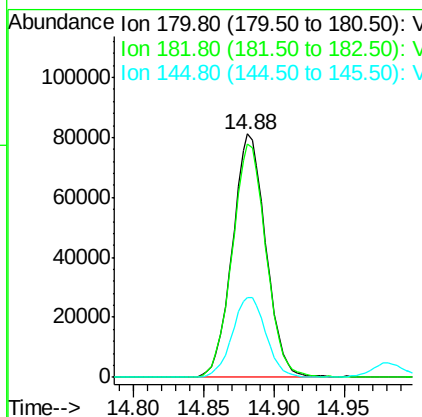
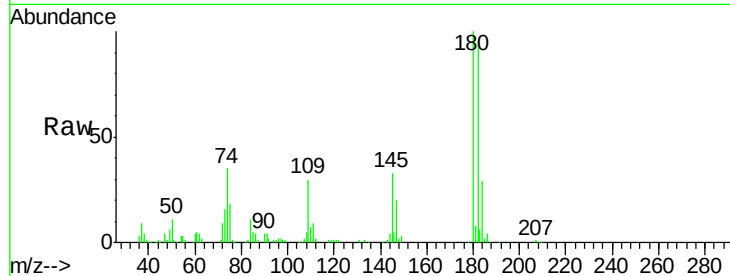
#93
 1,2,4-Trichlorobenzene
 Concen: 40.911 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134811		
182	96.8	48.2	144.6	
145	33.3	17.1	51.2	

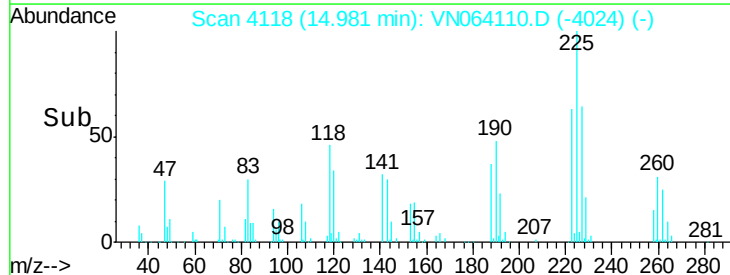
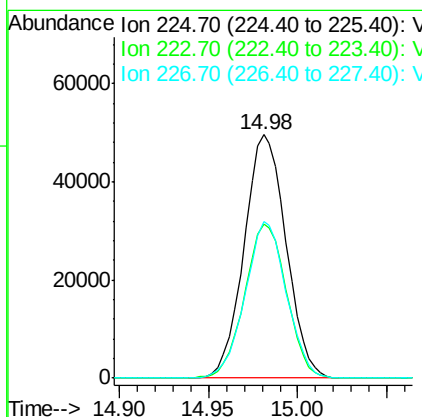
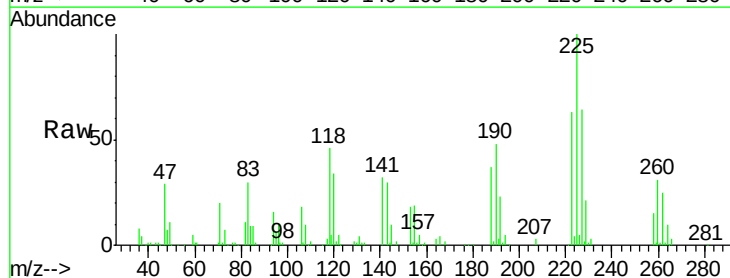
Manual Integrations
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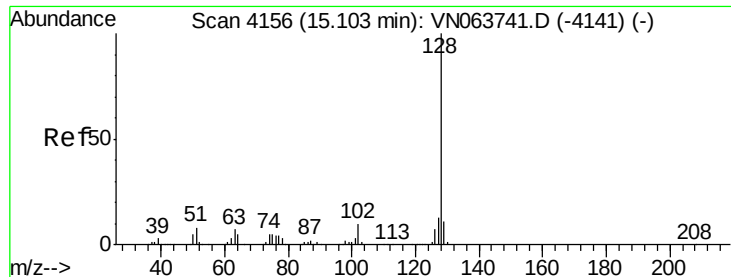
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#94
 Hexachlorobutadiene
 Concen: 49.147 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064110.D
 Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81401		
223	63.1	30.3	91.0	
227	63.1	31.9	95.5	





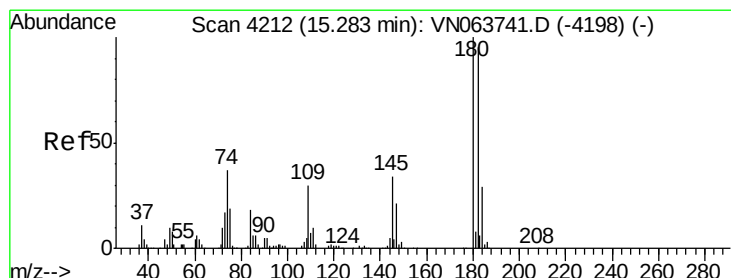
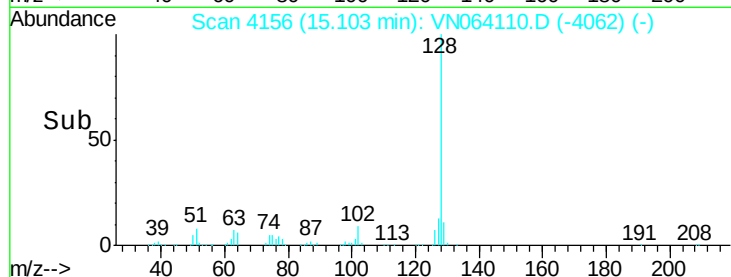
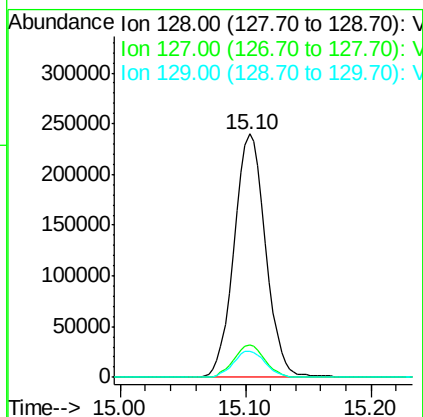
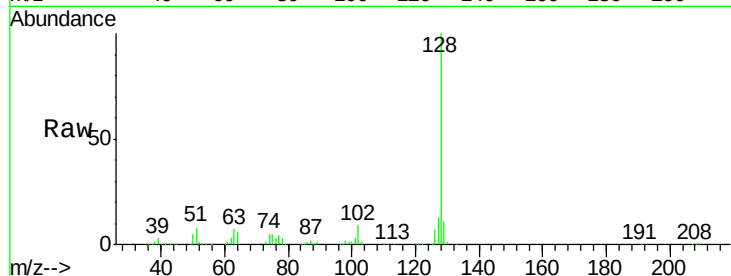
#95
Naphthalene
Concen: 41.055 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:09:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.186 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064110.D
Acq: 13 Oct 2020 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	33.6	17.2	51.5

