

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064253.D
 Acq On : 22 Oct 2020 16:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:41:10 PM

Quant Time: Oct 23 02:08:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	299708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	429225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	219700	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.55	113	164423	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.06	98	597916	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.38	95	234780	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	172996	47.291	ug/l	98
3) Chloromethane	2.04	50	176668	51.002	ug/l	99
4) Vinyl Chloride	2.16	62	171667	49.987	ug/l	100
5) Bromomethane	2.53	94	105533	47.144	ug/l	95
6) Chloroethane	2.67	64	98981	47.345	ug/l	100
7) Trichlorofluoromethane	2.98	101	283023	50.114	ug/l	99
8) Diethyl Ether	3.37	74	92766	49.656	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	147303	50.439	ug/l	100
10) Methyl Iodide	3.91	142	201930	48.623	ug/l	99
11) Tert butyl alcohol	4.73	59	141194	236.983	ug/l	99
12) 1,1-Dichloroethene	3.70	96	138906	49.451	ug/l	96
13) Acrolein	3.57	56	110904	296.534	ug/l	99
14) Allyl chloride	4.27	41	276135	49.117	ug/l	99
15) Acrylonitrile	4.92	53	310483	252.015	ug/l	99
16) Acetone	3.77	43	352485	276.783	ug/l	98
17) Carbon Disulfide	4.01	76	392080	48.934	ug/l	99
18) Methyl Acetate	4.27	43	160804	49.552	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	471338	48.808	ug/l	100
20) Methylene Chloride	4.50	84	158403	46.646	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	153032	49.406	ug/l	96
22) Diisopropyl ether	5.90	45	497676	47.620	ug/l	99
23) Vinyl Acetate	5.84	43	2310119	247.860	ug/l	100
24) 1,1-Dichloroethane	5.79	63	297495	49.137	ug/l	100
25) 2-Butanone	6.78	43	519131	256.575	ug/l	99
26) 2,2-Dichloropropane	6.77	77	297427	49.346	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	177646	49.248	ug/l	96
28) Bromochloromethane	7.15	49	148874	51.761	ug/l	99
29) Tetrahydrofuran	7.16	42	300849	248.576	ug/l	98
30) Chloroform	7.33	83	315899	48.916	ug/l	100
31) Cyclohexane	7.61	56	237610	45.034	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	305094	50.430	ug/l	98
36) 1,1-Dichloropropene	7.75	75	235462	50.306	ug/l	98
37) Ethyl Acetate	6.88	43	214709	50.523	ug/l	100
38) Carbon Tetrachloride	7.73	117	269610	50.627	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	217967	51.213	ug/l	97
40) Benzene	8.00	78	646768	50.057	ug/l	99
41) Methacrylonitrile	7.12	41	103801	46.564	ug/l	99
42) 1,2-Dichloroethane	8.08	62	270381	48.850	ug/l	99
43) Isopropyl Acetate	8.12	43	391119	49.383	ug/l #	91
44) Trichloroethene	8.80	130	179320	50.931	ug/l	96
45) 1,2-Dichloropropane	9.08	63	174740	50.660	ug/l	99
46) Dibromomethane	9.17	93	120820	52.165	ug/l	98
47) Bromodichloromethane	9.37	83	265526	51.891	ug/l	99
48) Methyl methacrylate	9.16	41	194950	47.120	ug/l	98
49) 1,4-Dioxane	9.16	88	49733	1027.368	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1092352	258.064	ug/l	99
52) Toluene	10.12	92	417486	50.498	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	298795	52.565	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	304209	50.828	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	158085	50.629	ug/l	99
56) Ethyl methacrylate	10.40	69	246154	50.985	ug/l	99
57) 1,3-Dichloropropane	10.68	76	277340	51.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	564237	226.956	ug/l	100
59) 2-Hexanone	10.72	43	822204	265.974	ug/l	99
60) Dibromochloromethane	10.87	129	200856	49.691	ug/l	100
61) 1,2-Dibromoethane	10.98	107	171839	52.153	ug/l	98
64) Tetrachloroethene	10.60	164	175442	50.771	ug/l	99
65) Chlorobenzene	11.41	112	450965	50.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178390	50.583	ug/l	100
67) Ethyl Benzene	11.48	91	838774	51.370	ug/l	98
68) m/p-Xylenes	11.59	106	621326	102.705	ug/l	97
69) o-Xylene	11.92	106	293869	50.227	ug/l	97
70) Styrene	11.94	104	509580	51.960	ug/l	100
71) Bromoform	12.10	173	142723	52.388	ug/l #	96
73) Isopropylbenzene	12.22	105	804246	49.311	ug/l	99
74) N-amyl acetate	12.04	43	345534	49.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	214385	49.534	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	224835m	49.873	ug/l	
77) Bromobenzene	12.50	156	194540	50.525	ug/l	98
78) n-propylbenzene	12.56	91	921896	50.133	ug/l	100
79) 2-Chlorotoluene	12.65	91	565297	50.049	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	686969	49.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	88384	49.498	ug/l	99
82) 4-Chlorotoluene	12.75	91	593147	50.344	ug/l	99
83) tert-Butylbenzene	12.97	119	550647	48.710	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	697612	50.834	ug/l	98
85) sec-Butylbenzene	13.14	105	722292	50.681	ug/l	100
86) p-Isopropyltoluene	13.26	119	668767	51.531	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	347978	50.792	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	355546	50.703	ug/l	99
89) n-Butylbenzene	13.59	91	589805	50.698	ug/l	99
90) Hexachloroethane	13.85	117	112162	47.720	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	338195	50.318	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52089	48.242	ug/l	96

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QLast Update : Wed Oct 21 12:48:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	200288	53.132	ug/l	100
94) Hexachlorobutadiene	14.98	225	102897	50.609	ug/l	99
95) Naphthalene	15.10	128	578374	51.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	185882	49.786	ug/l	99

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

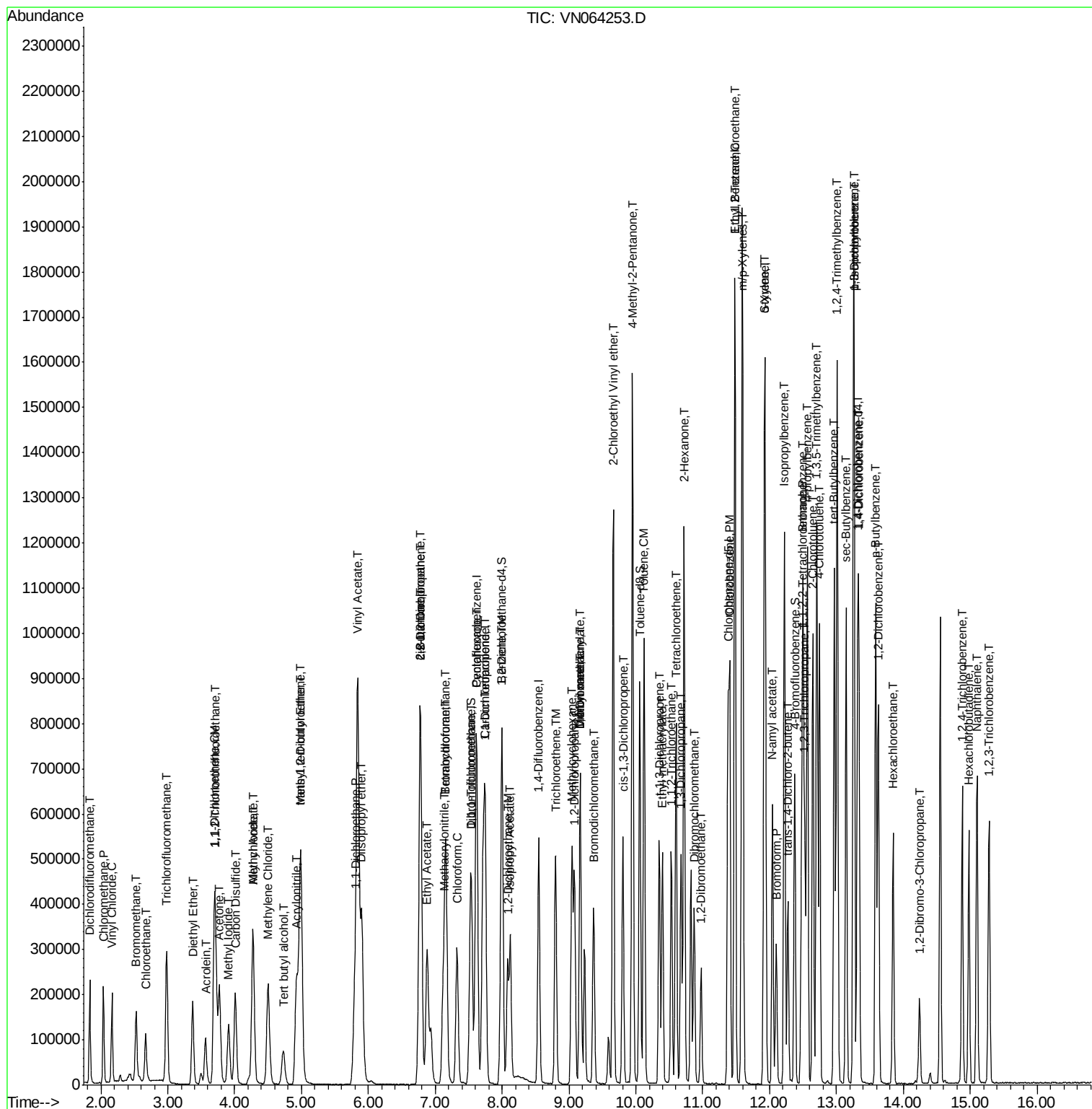
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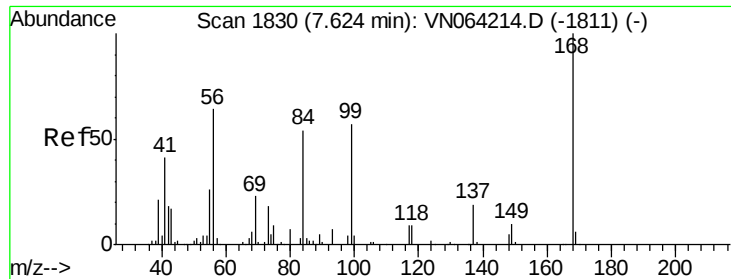
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 299708

Ion Ratio Lower Upper

168 100

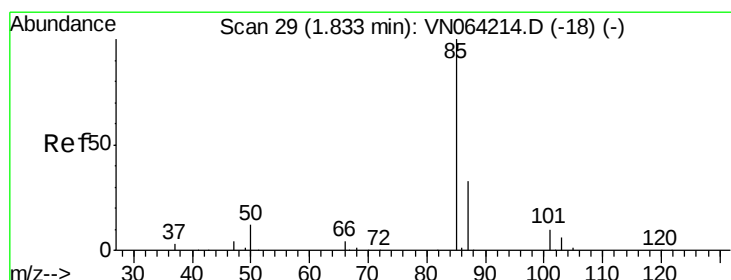
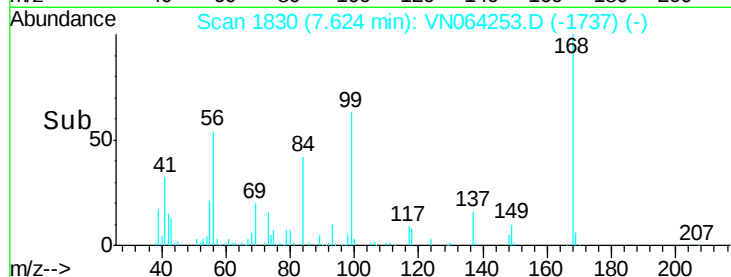
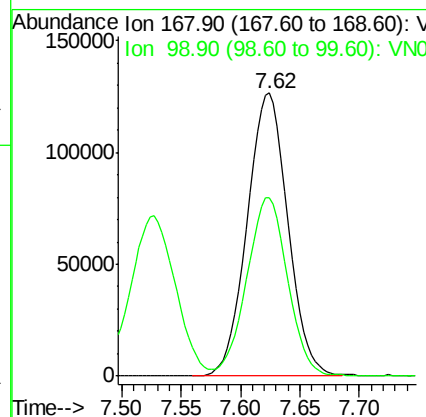
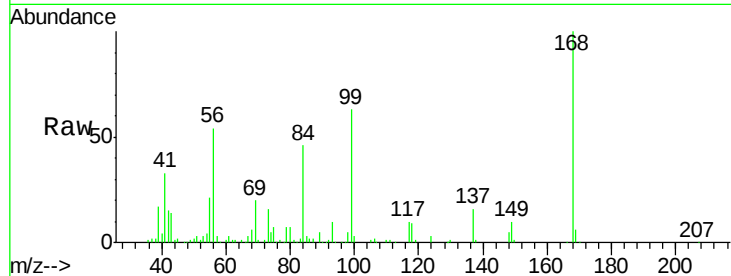
99 62.6 54.0 81.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.291 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064253.D

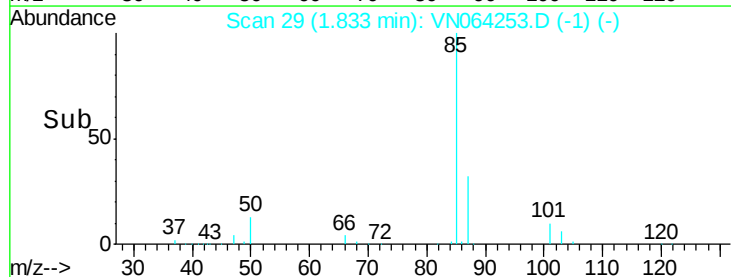
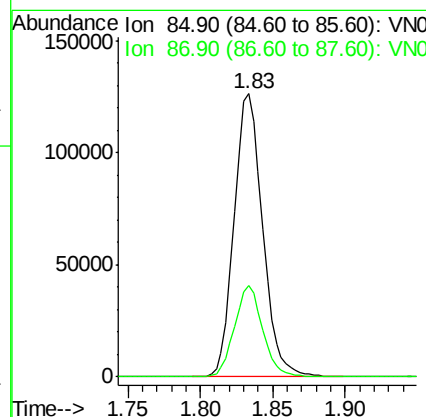
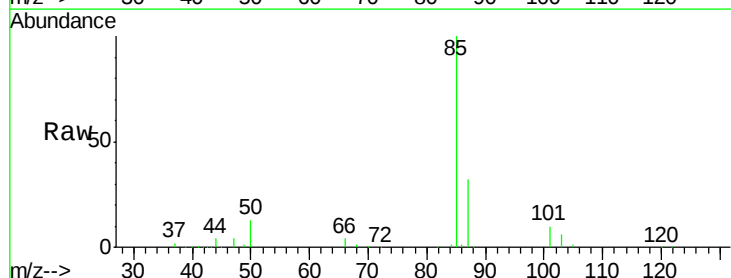
Acq: 22 Oct 2020 16:21

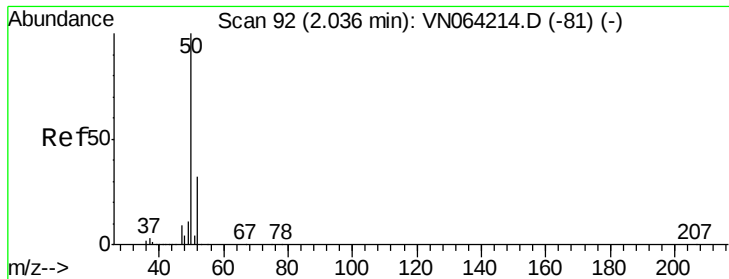
Tgt Ion: 85 Resp: 172996

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8





#3

Chloromethane

Concen: 51.002 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 176668

Ion Ratio Lower Upper

50 100

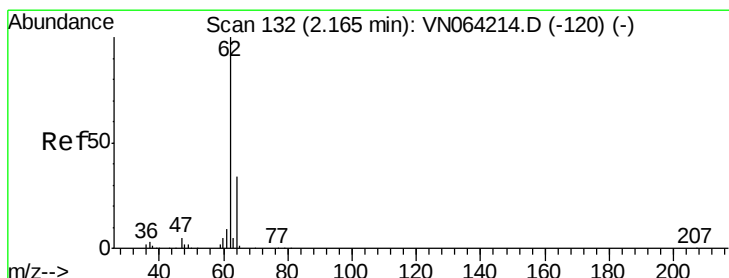
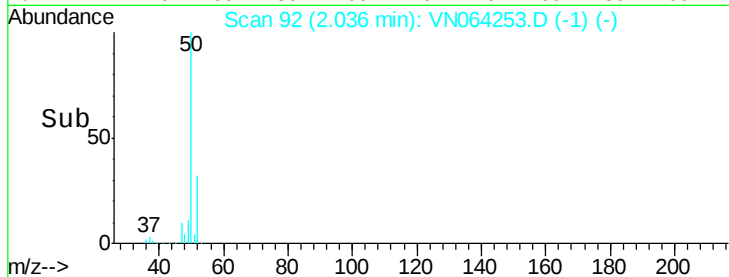
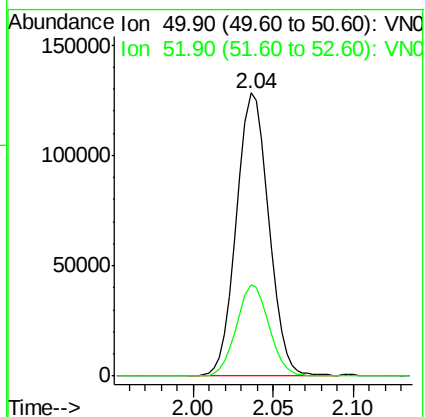
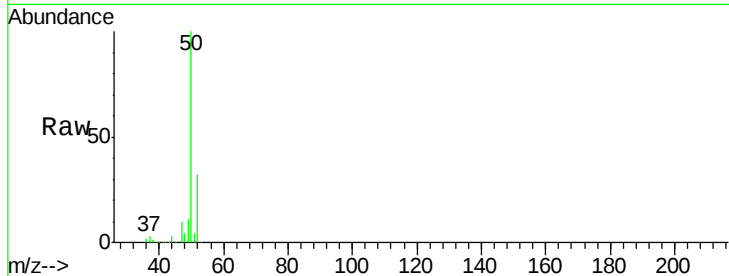
52 32.3 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.987 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064253.D

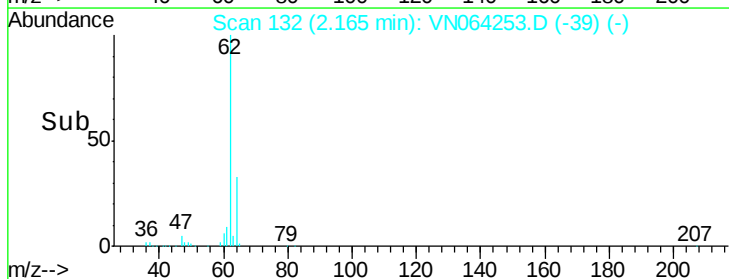
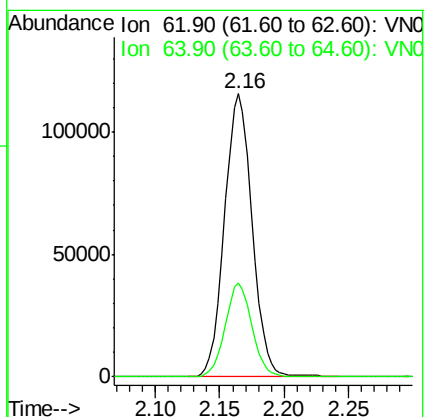
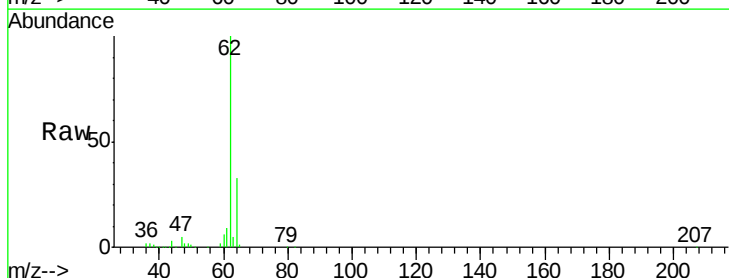
Acq: 22 Oct 2020 16:21

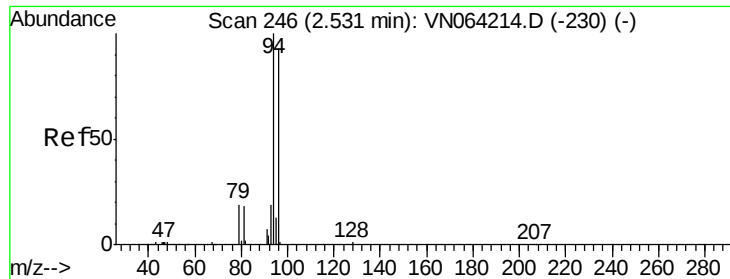
Tgt Ion: 62 Resp: 171667

Ion Ratio Lower Upper

62 100

64 33.4 26.8 40.2





#5

Bromomethane

Concen: 47.144 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 105533

Ion Ratio Lower Upper

94 100

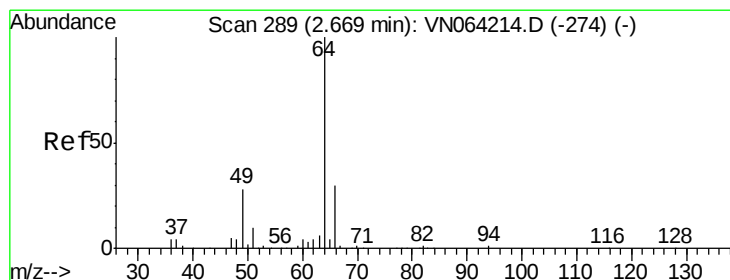
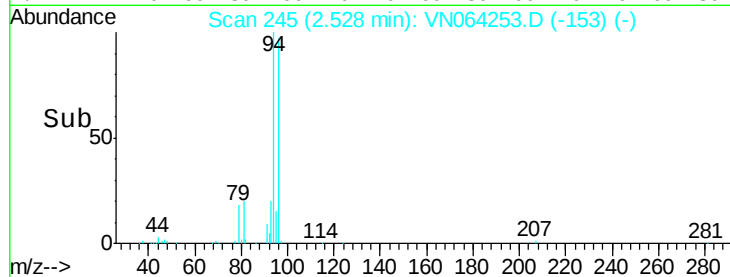
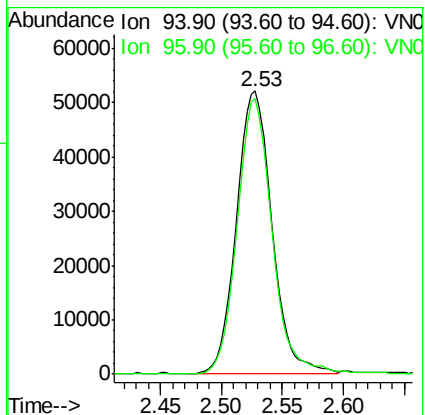
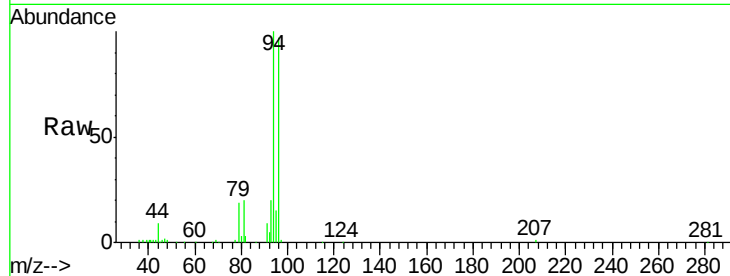
96 97.3 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 47.345 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064253.D

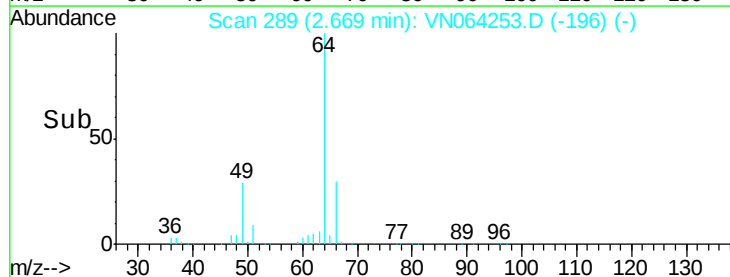
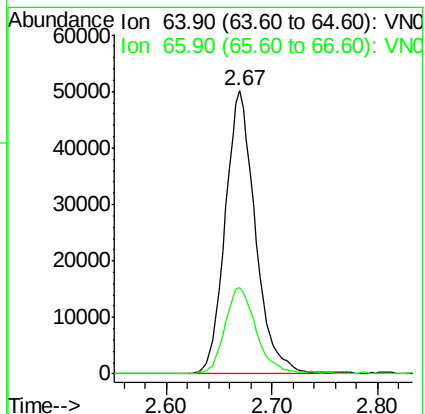
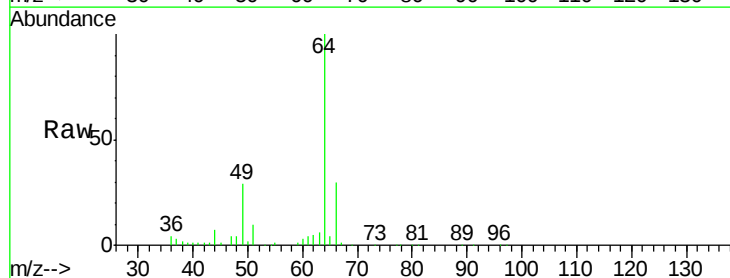
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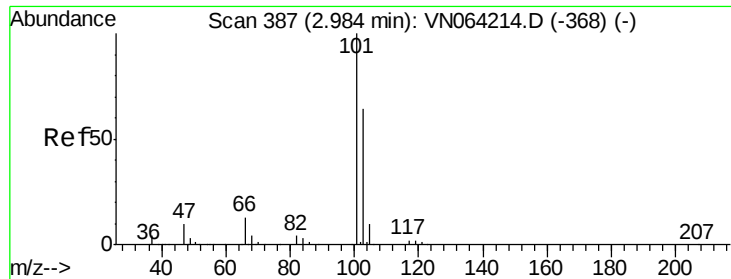
Tgt Ion: 64 Resp: 98981

Ion Ratio Lower Upper

64 100

66 30.4 24.5 36.7





#7

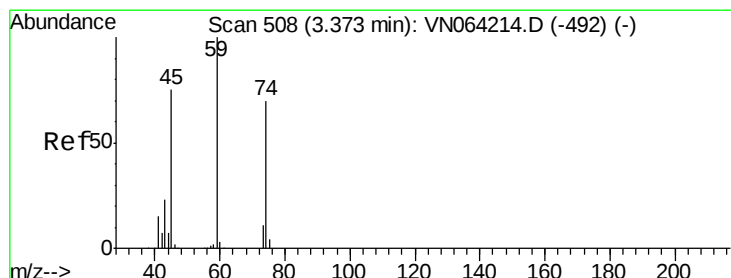
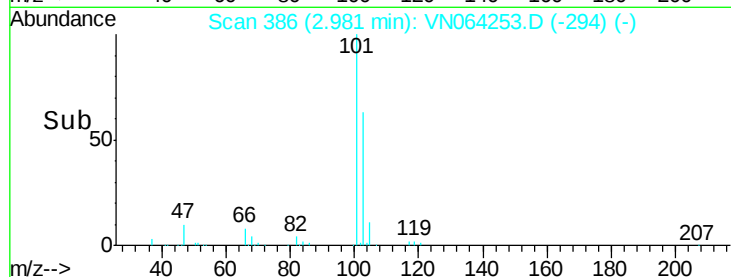
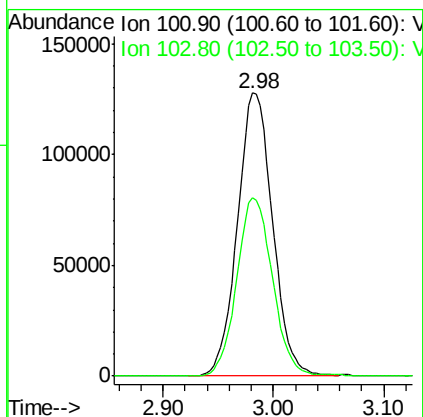
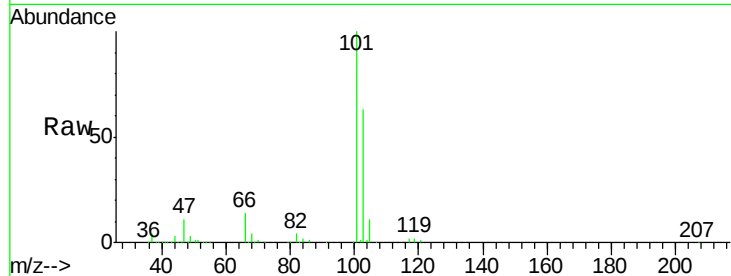
Trichlorofluoromethane
 Concen: 50.114 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.0	76.6

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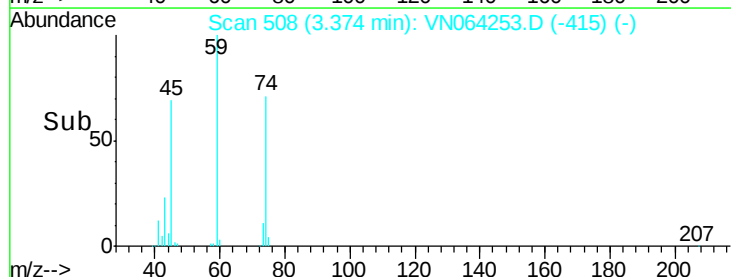
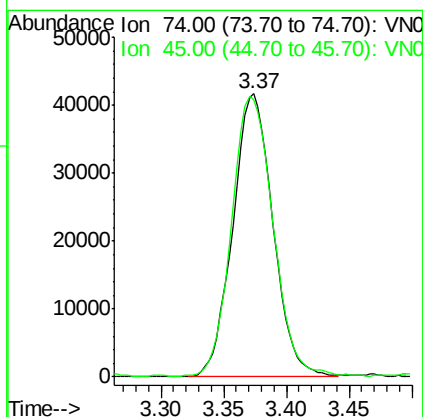
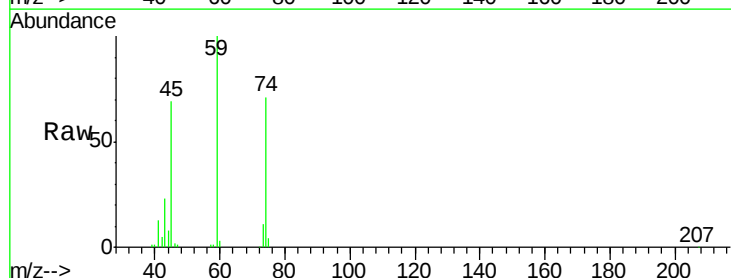
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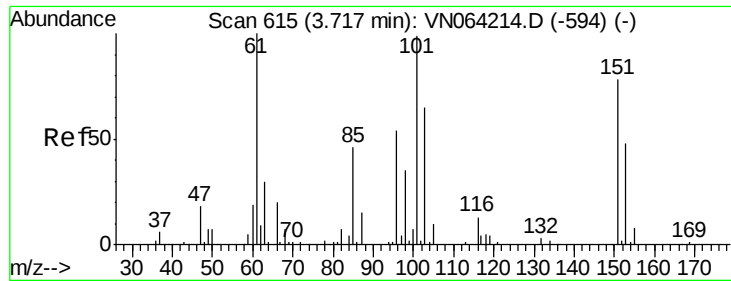


#8

Diethyl Ether
 Concen: 49.656 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064253.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	51.3	154.0





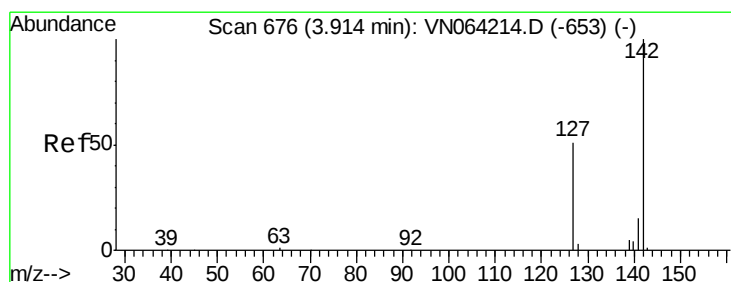
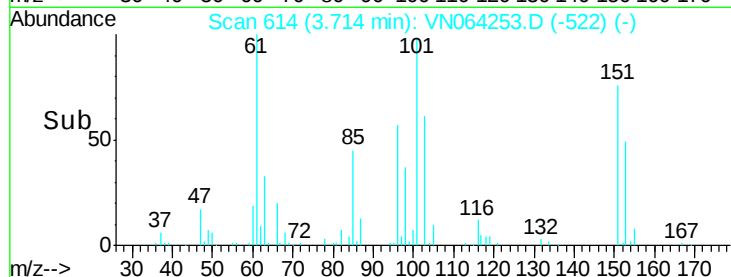
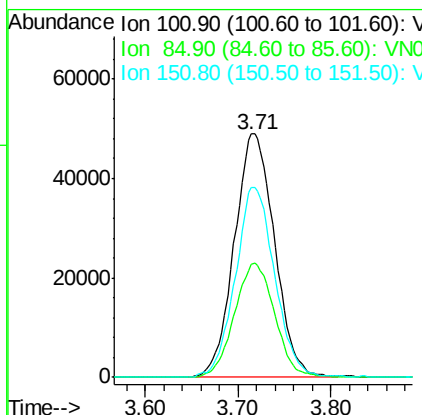
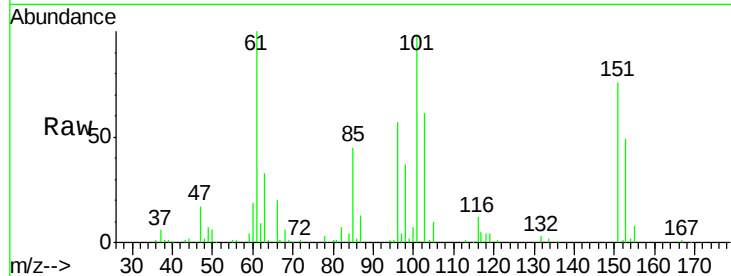
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.439 ug/l
RT: 3.71 min Scan# 614
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.8	56.8
151	76.5	61.4	92.2

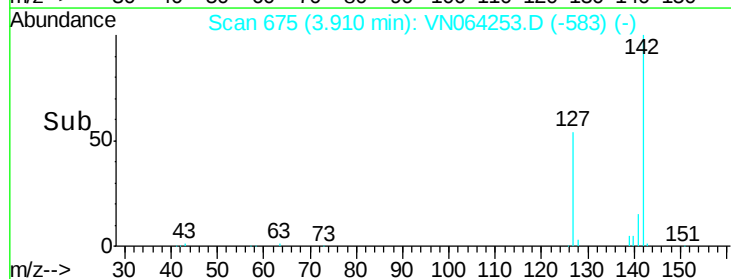
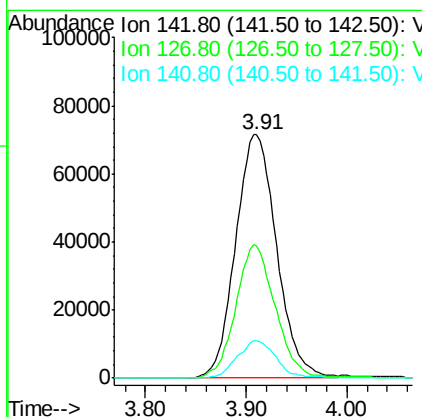
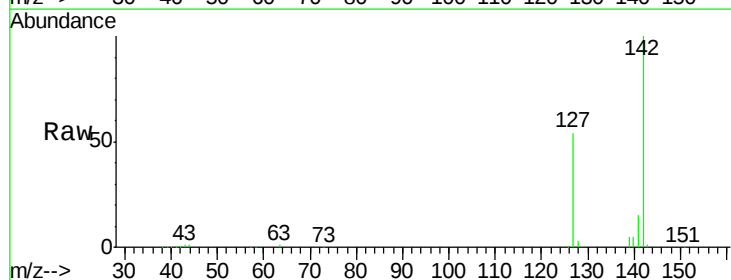
Manual Integrations
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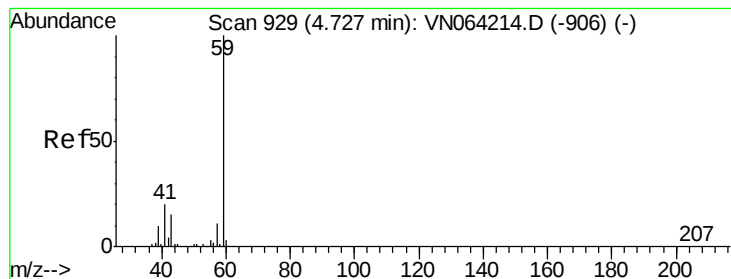
MMDadoda
10/23/2020 3:41:10 PM



#10
Methyl Iodide
Concen: 48.623 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	52.4	41.0	61.6
141	14.5	11.3	16.9





#11

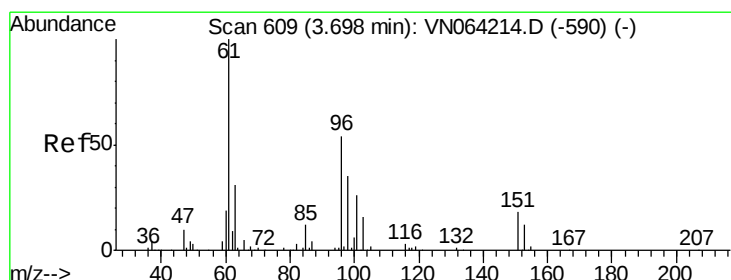
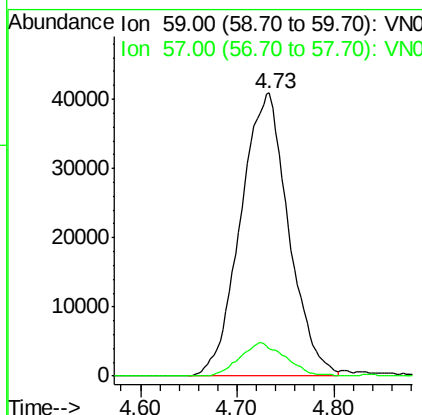
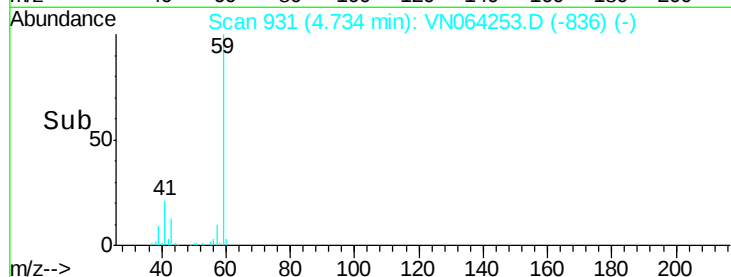
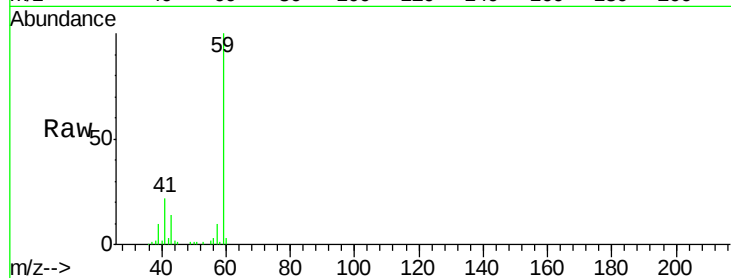
Tert butyl alcohol
Concen: 236.983 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 141194
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8

Manual Integrations
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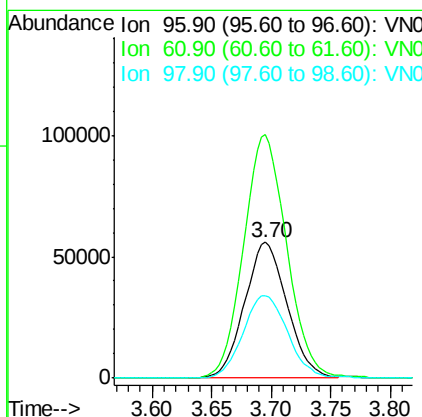
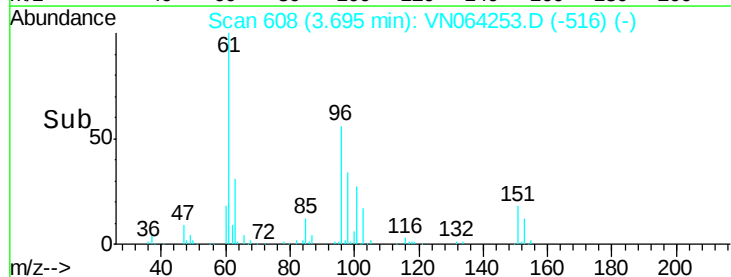
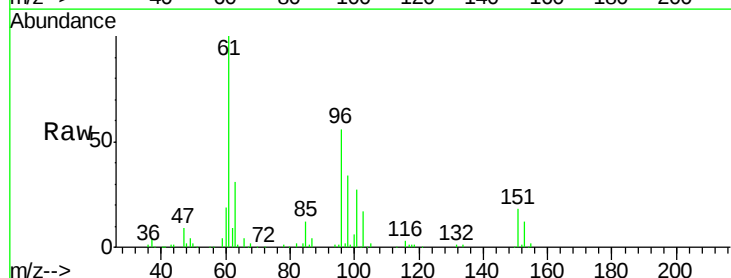
MMDadoda
10/23/2020 3:41:10 PM

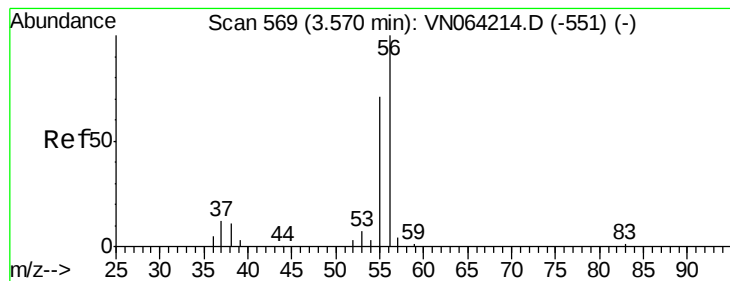


#12

1,1-Dichloroethene
Concen: 49.451 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion: 96 Resp: 138906
Ion Ratio Lower Upper
96 100
61 179.4 147.0 220.4
98 60.6 51.7 77.5





#13

Acrolein

Concen: 296.534 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 110904

Ion Ratio Lower Upper

56 100

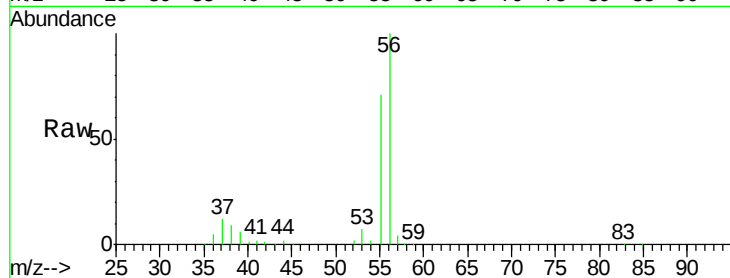
55 71.0 56.1 84.1

Manual Integrations

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MMDadoda

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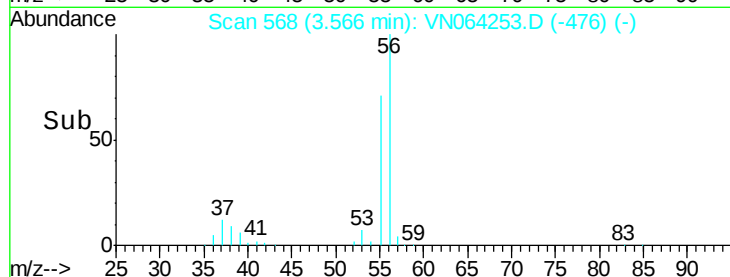


Abundance Ion 56.00 (55.70 to 56.70): VN064214.D (-551) (-)

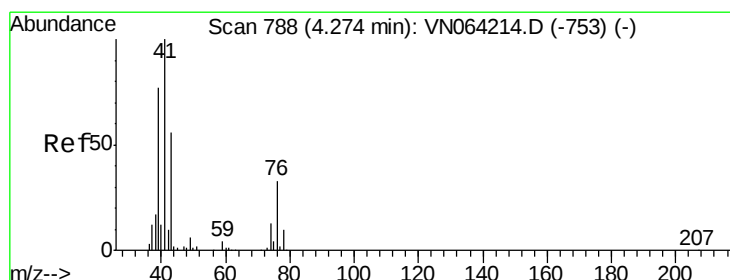
Ion 55.00 (54.70 to 55.70): VN064214.D (-551) (-)

3.57

Time-->



Time-->



#14

Allyl chloride

Concen: 49.117 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

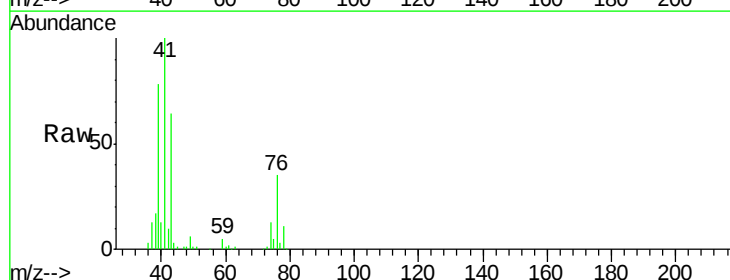
Tgt Ion: 41 Resp: 276135

Ion Ratio Lower Upper

41 100

39 74.3 58.6 88.0

76 30.0 24.5 36.7



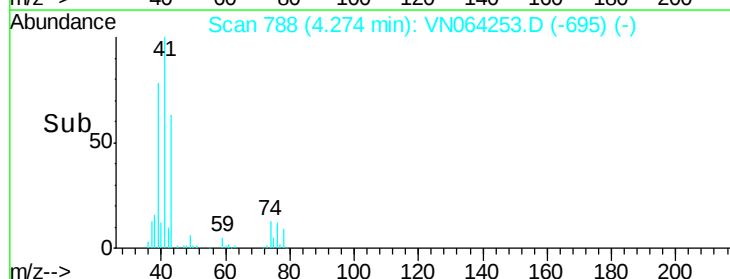
Abundance Ion 41.00 (40.70 to 41.70): VN064214.D (-753) (-)

Ion 39.00 (38.70 to 39.70): VN064214.D (-753) (-)

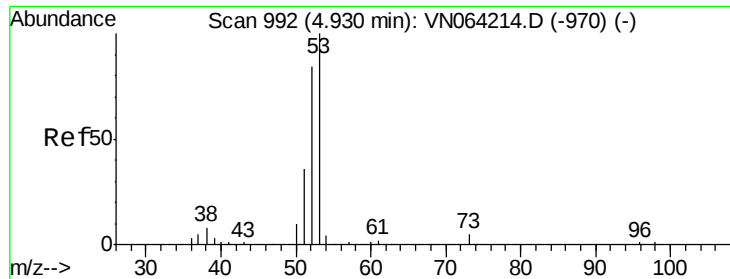
Ion 75.90 (75.60 to 76.60): VN064214.D (-753) (-)

4.27

Time-->



Time-->



#15

Acrylonitrile

Concen: 252.015 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

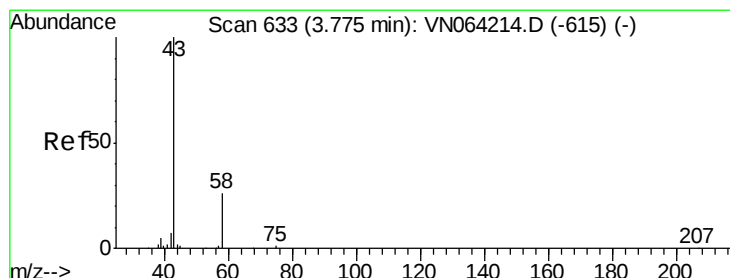
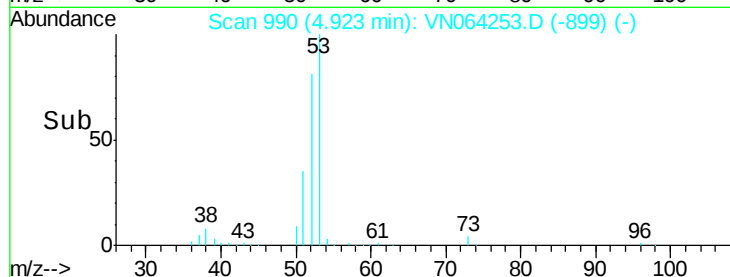
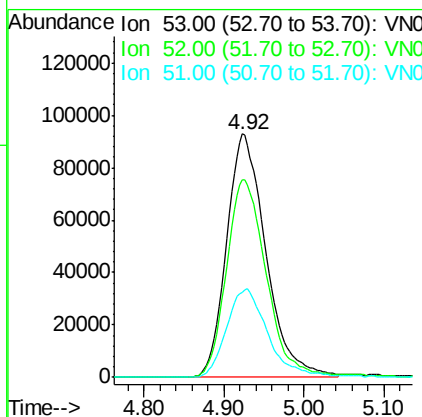
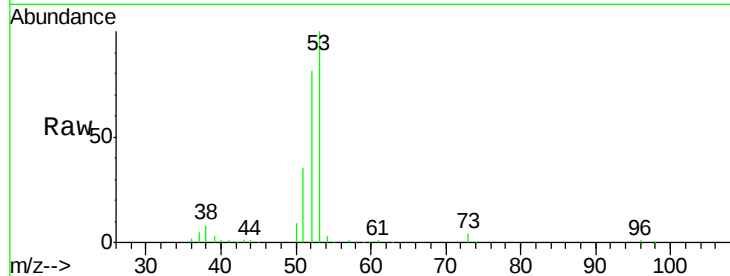
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	310483
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.8	100.2
51	38.2	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 276.783 ug/l

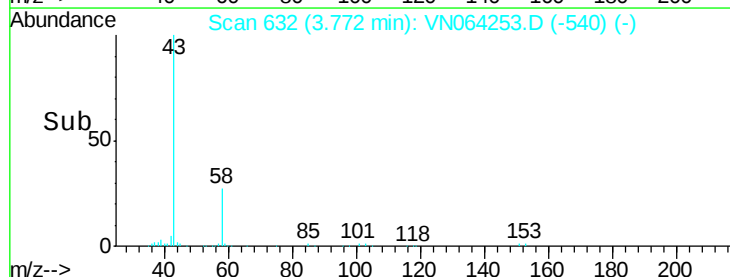
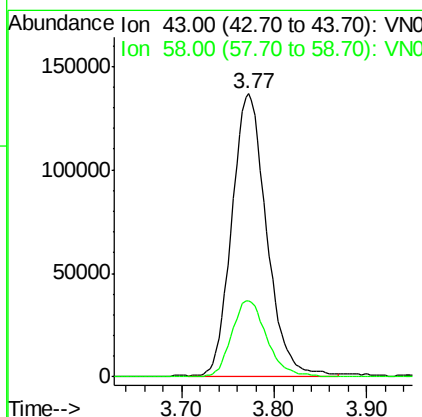
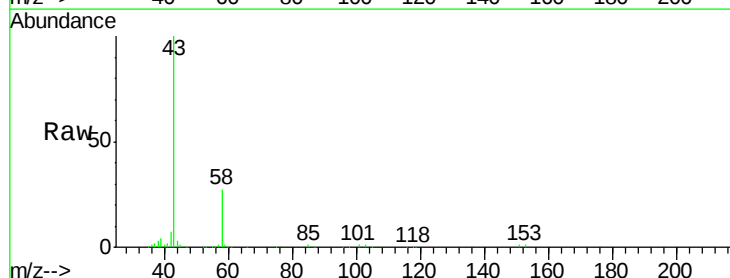
RT: 3.77 min Scan# 632

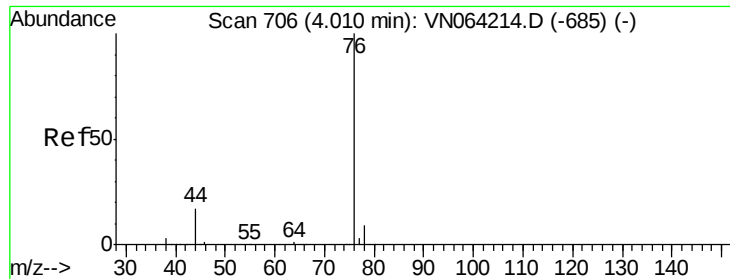
Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion:	43	Resp:	352485
Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.0	31.4





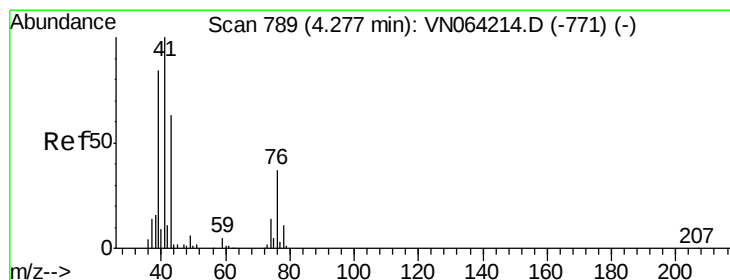
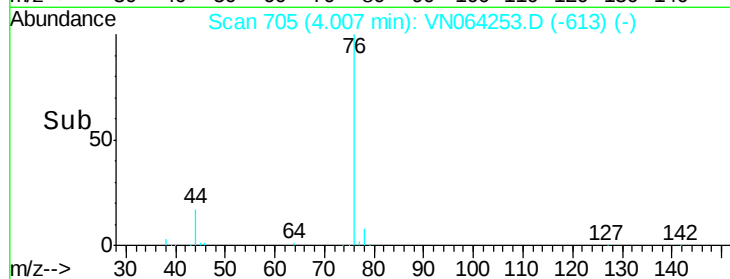
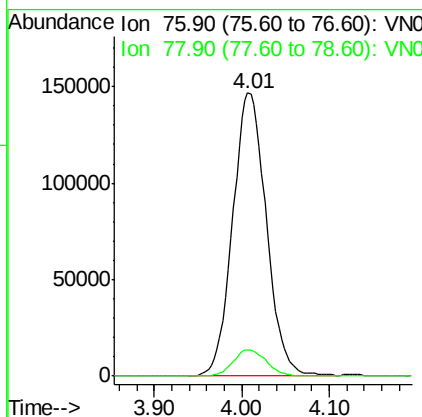
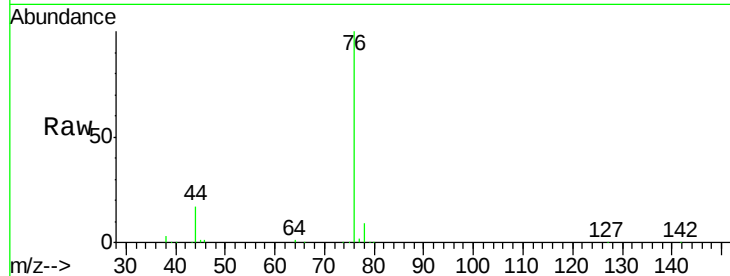
#17
Carbon Disulfide
Concen: 48.934 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

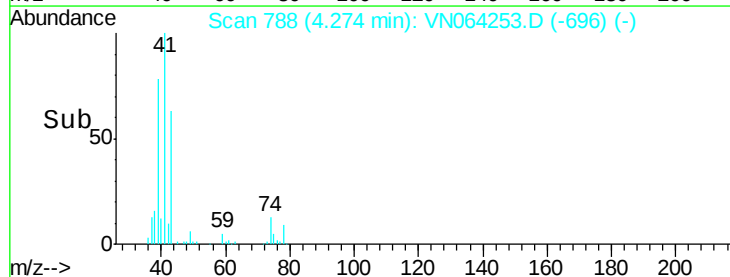
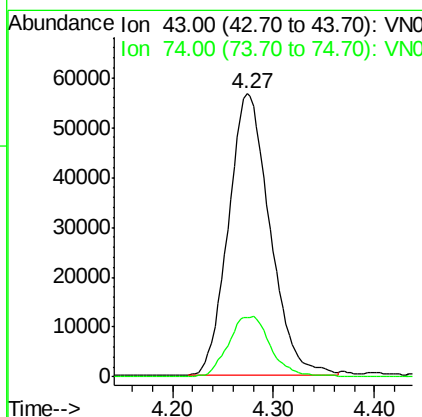
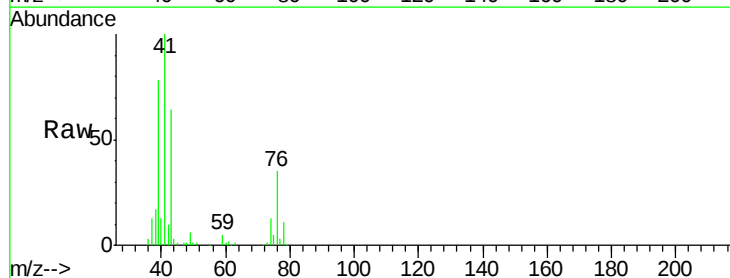
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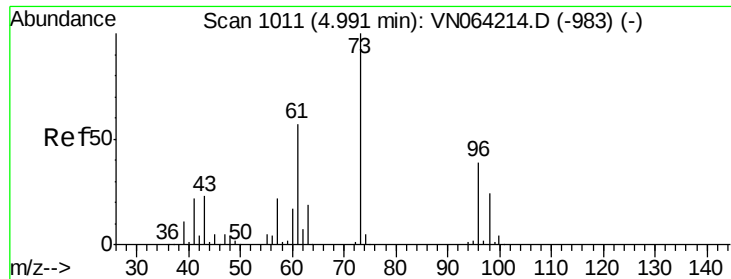
MMDadoda
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#18
Methyl Acetate
Concen: 49.552 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.9	26.9





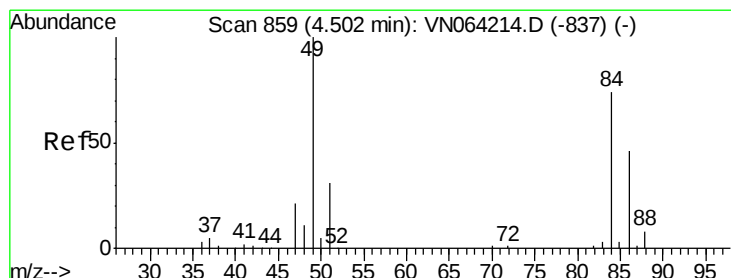
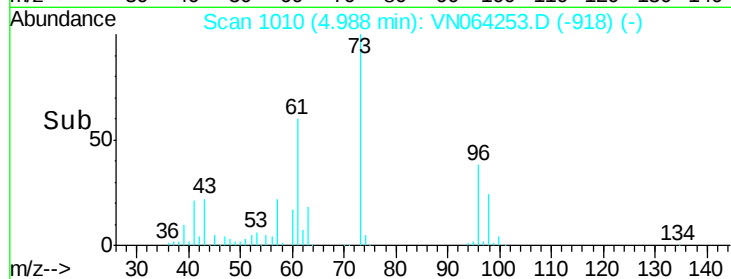
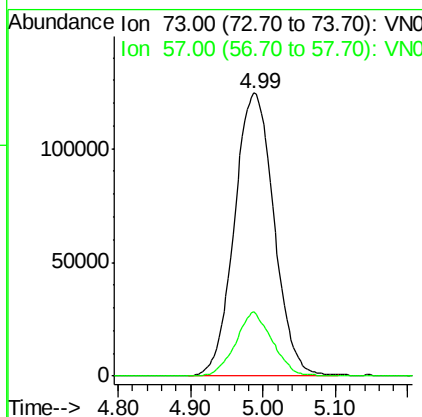
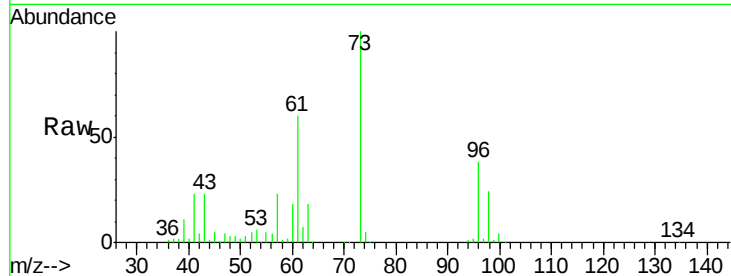
#19
Methvl tert-butvl Ether
Concen: 48.808 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 471338
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

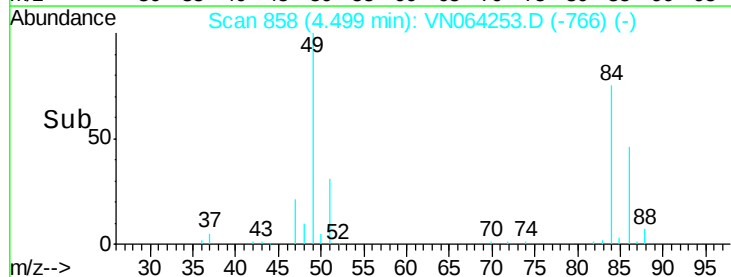
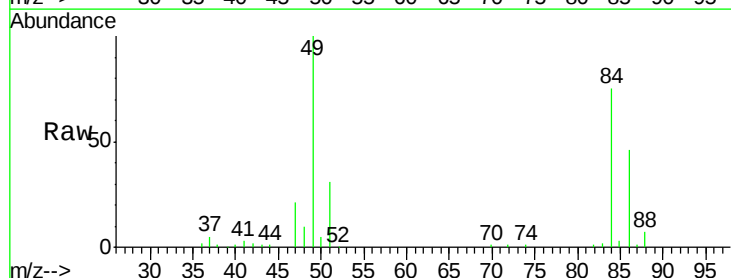
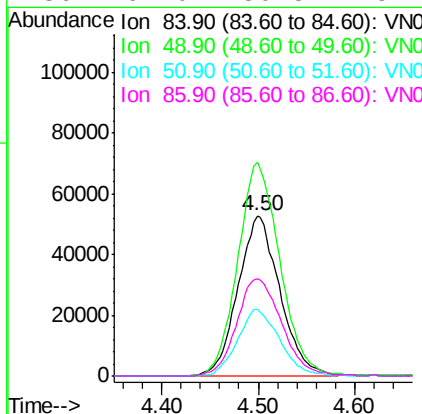
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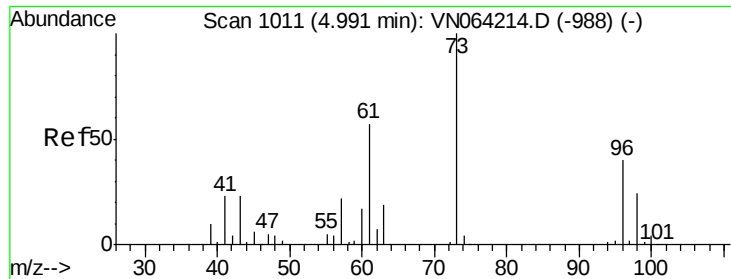
MMDadoda
10/23/2020 3:41:10 PM



#20
Methylene Chloride
Concen: 46.646 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion: 84 Resp: 158403
Ion Ratio Lower Upper
84 100
49 132.9 108.5 162.7
51 41.2 33.8 50.8
86 61.0 50.5 75.7





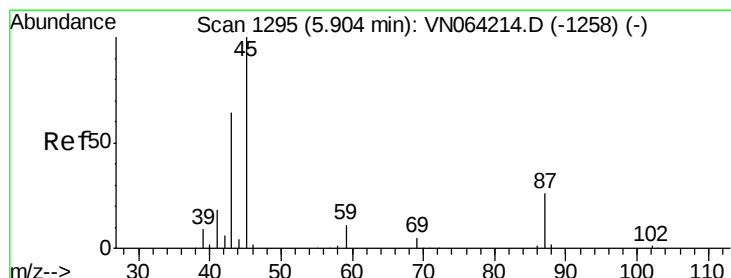
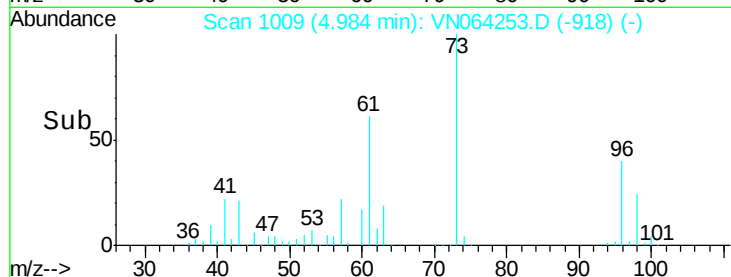
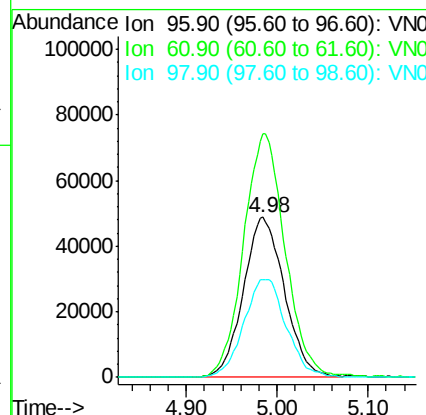
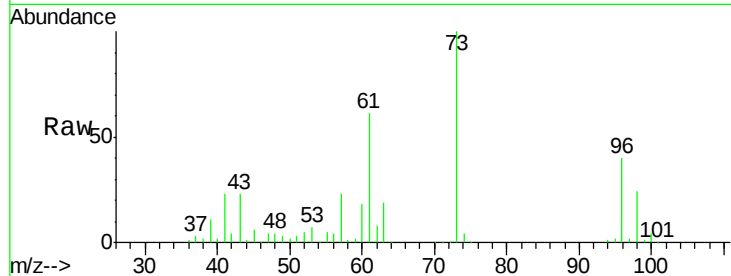
#21
trans-1,2-Dichloroethene
Concen: 49.406 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	115.8	173.6
98	61.3	49.4	74.0

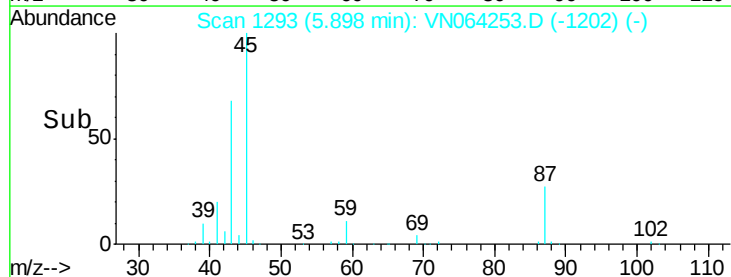
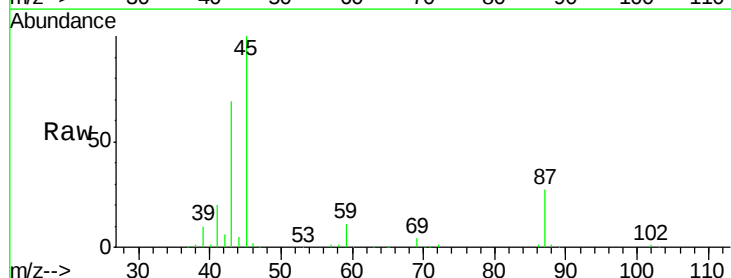
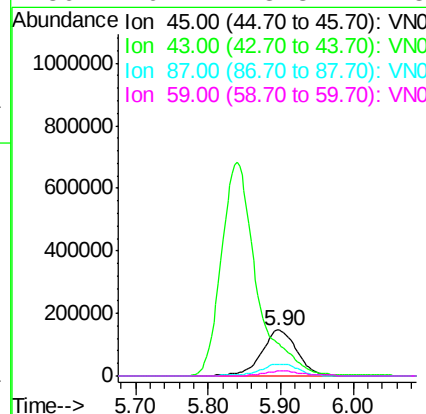
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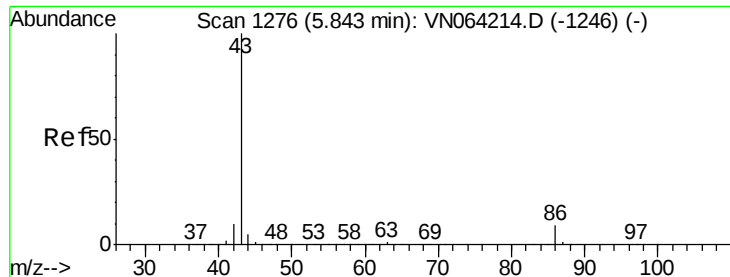
MMDadoda
10/23/2020 3:41:10 PM



#22
Diisopropyl ether
Concen: 47.620 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	52.2	78.4
87	26.3	21.4	32.0
59	10.4	8.3	12.5





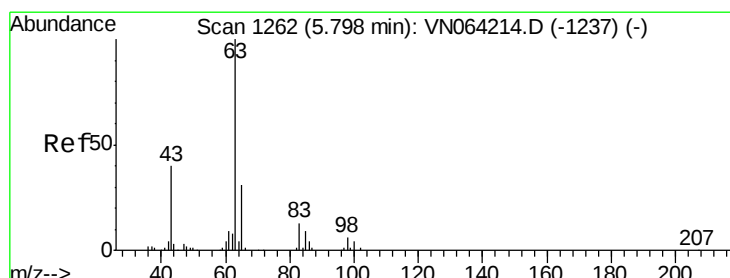
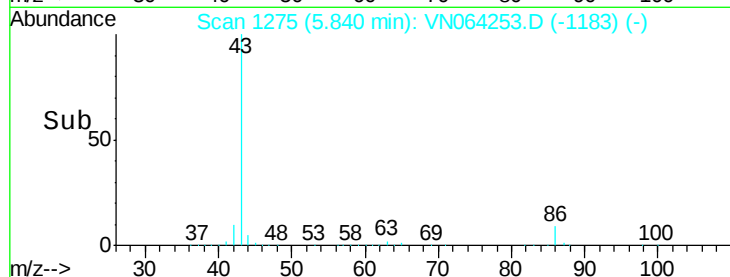
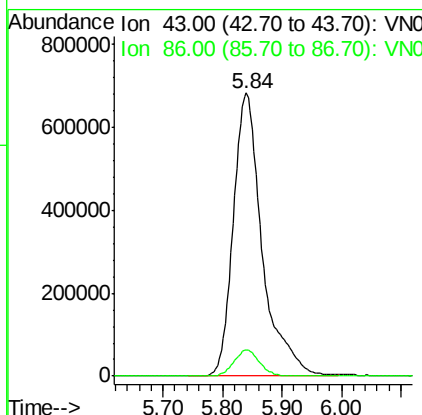
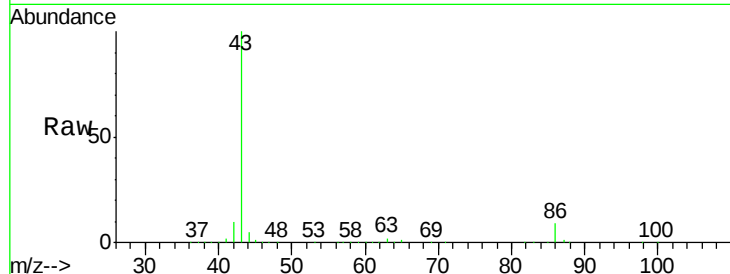
#23
 Vinyl Acetate
 Concen: 247.860 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2310119
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.0

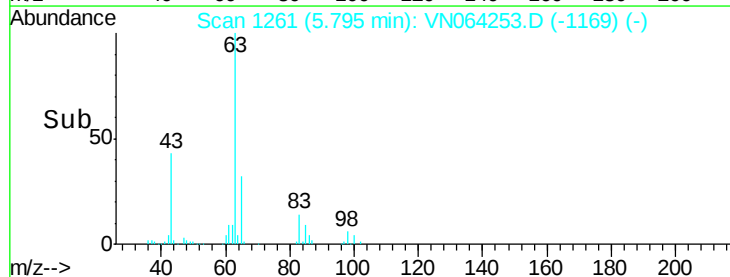
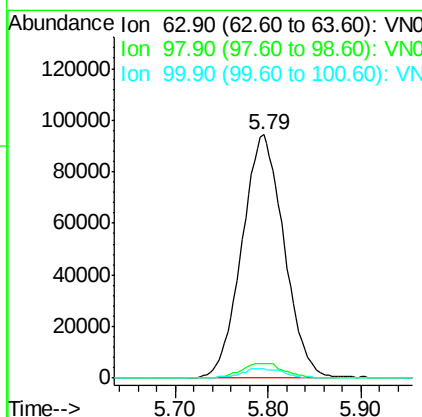
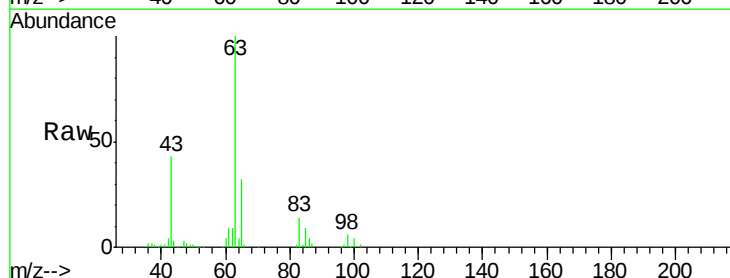
Manual Integrations
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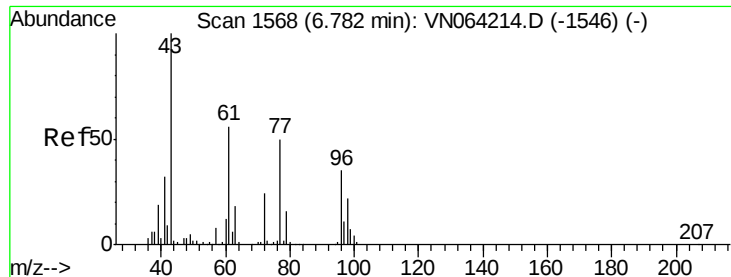
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 49.137 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion: 63 Resp: 297495
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 256.575 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 519131

Ion Ratio Lower Upper

43 100

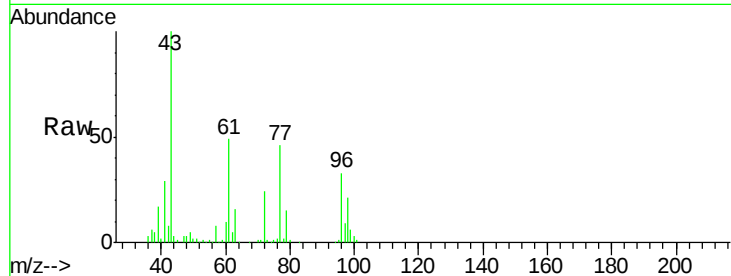
72 24.6 19.4 29.0

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

200000

150000

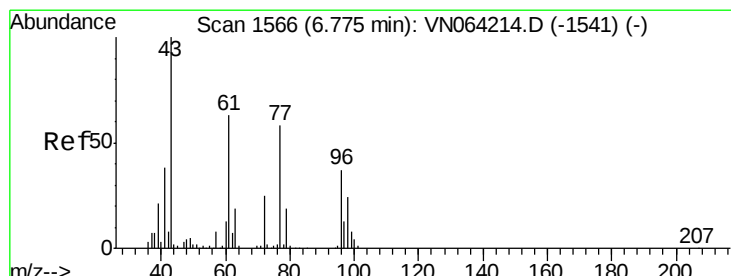
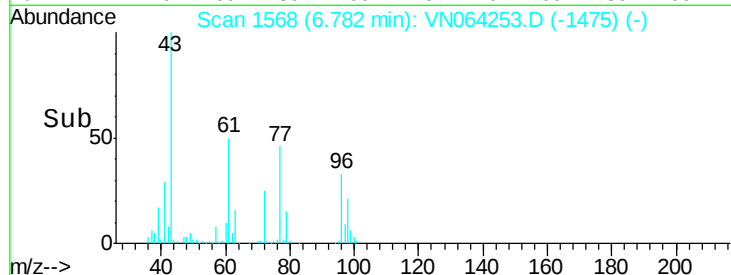
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 49.346 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064253.D

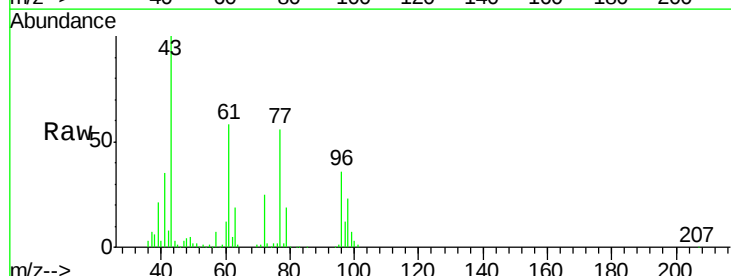
Acq: 22 Oct 2020 16:21

Tgt Ion: 77 Resp: 297427

Ion Ratio Lower Upper

77 100

97 20.1 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

100000

80000

60000

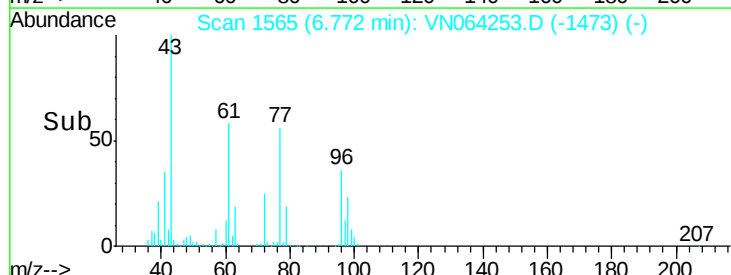
40000

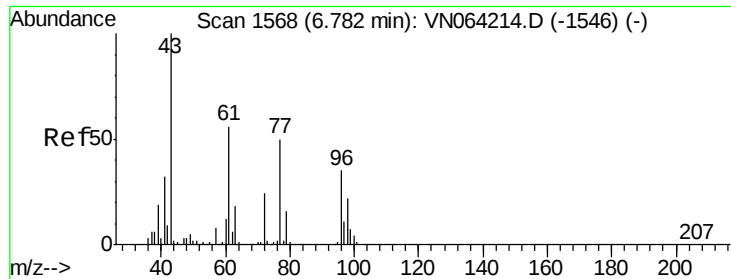
20000

0

6.60 6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.248 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

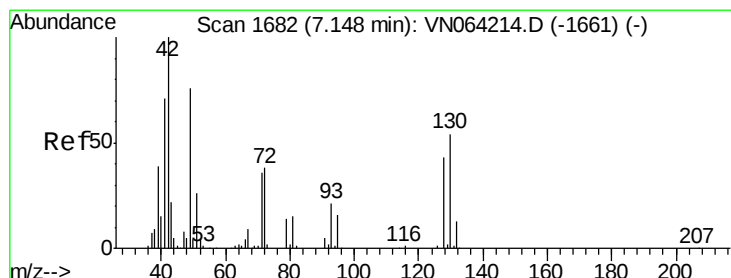
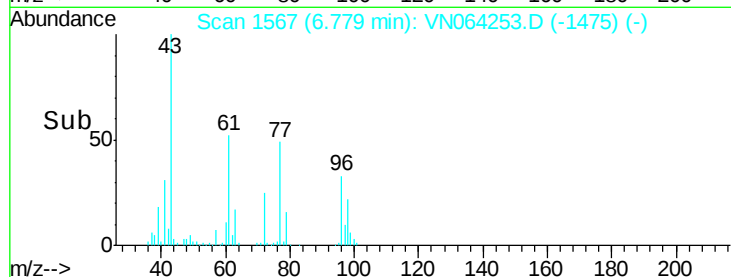
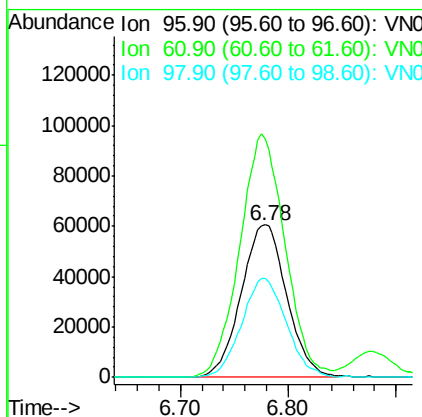
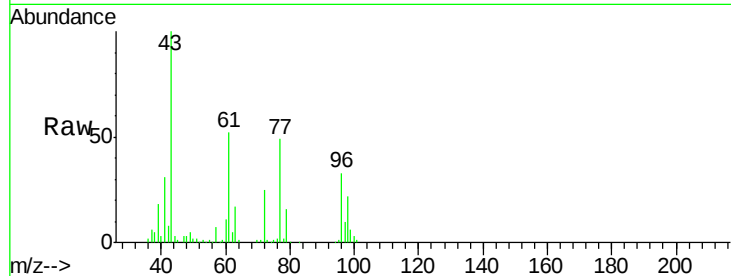
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	177646
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	330.0
98	63.9	0.0	130.6

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#28

Bromochloromethane

Concen: 51.761 ug/l

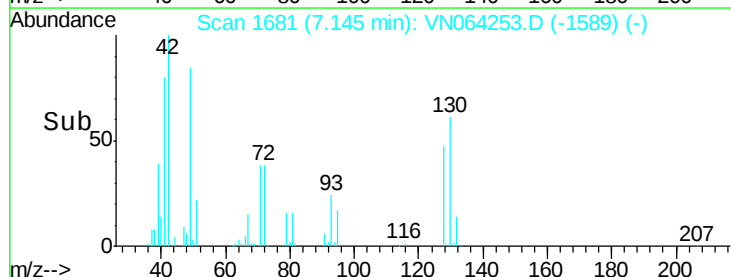
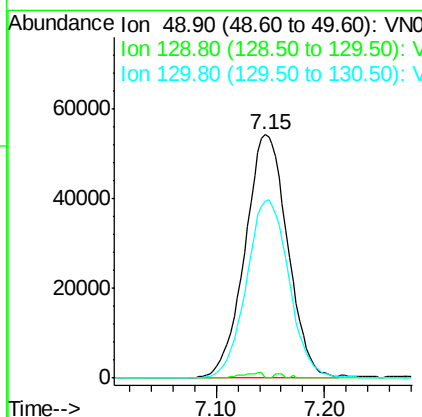
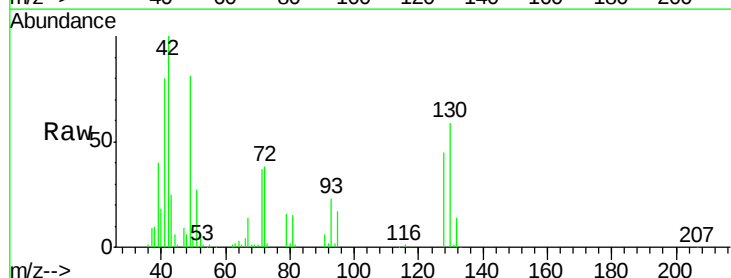
RT: 7.15 min Scan# 1681

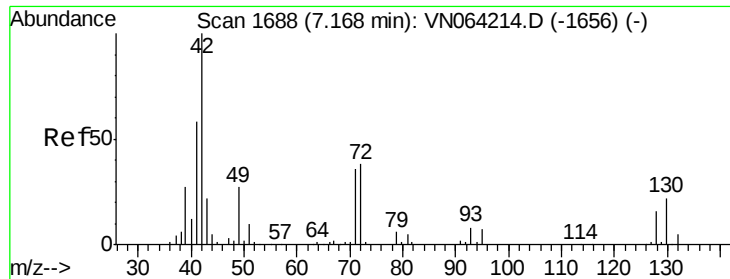
Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion:	49	Resp:	148874
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.8
130	72.9	58.8	88.2





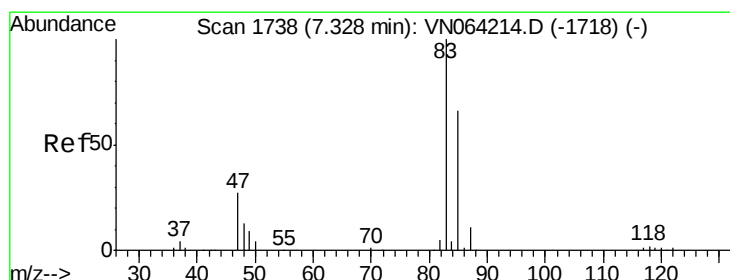
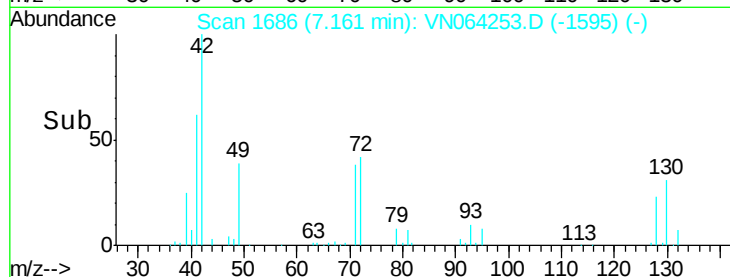
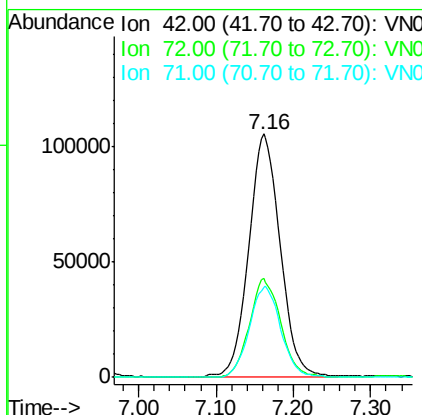
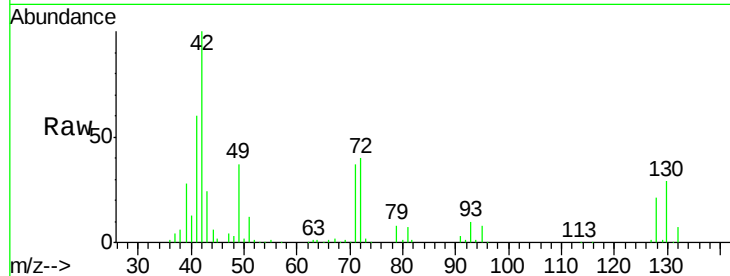
#29
Tetrahydrofuran
Concen: 248.576 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	30.8	46.2
71	37.2	29.0	43.6

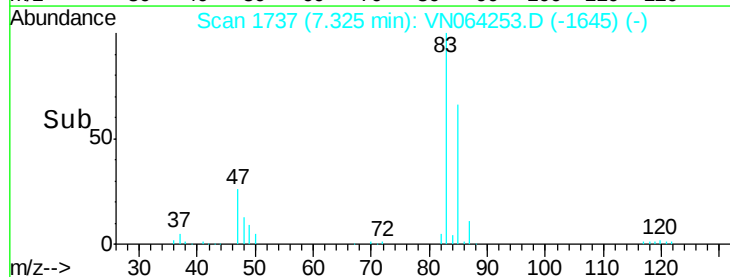
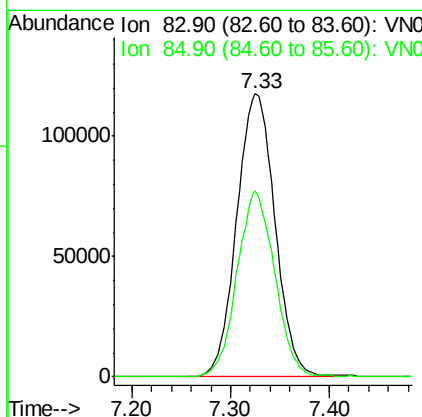
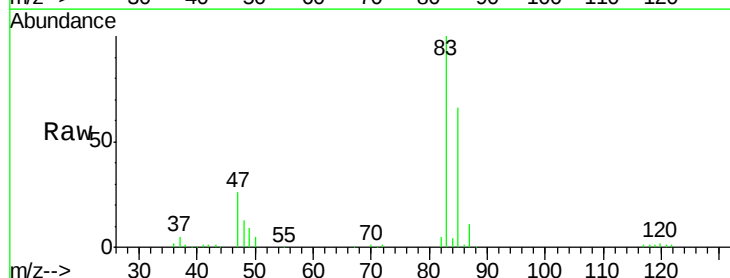
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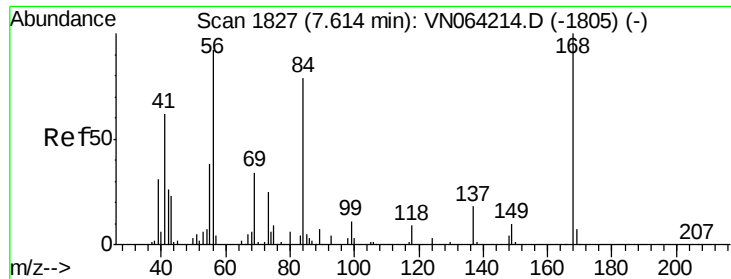
MMDadoda
10/23/2020 3:41:10 PM



#30
Chloroform
Concen: 48.916 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7





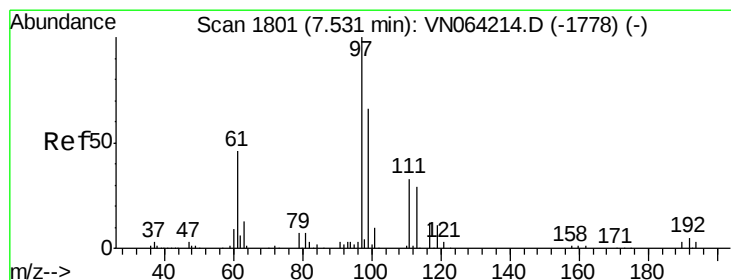
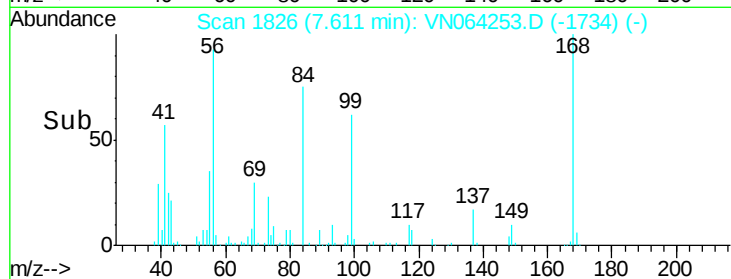
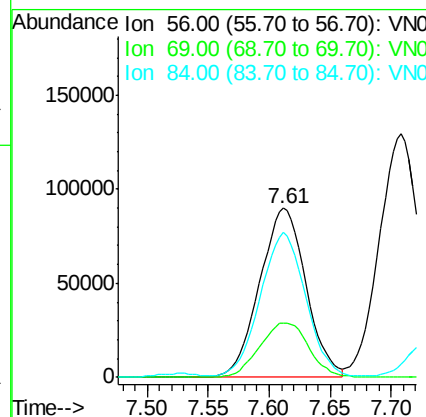
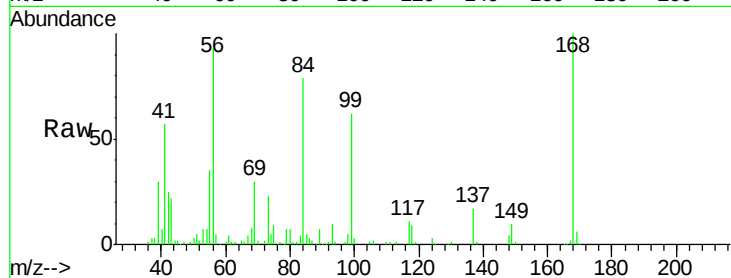
#31
Cyclohexane
Concen: 45.034 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	29.8	44.6
84	83.6	68.1	102.1

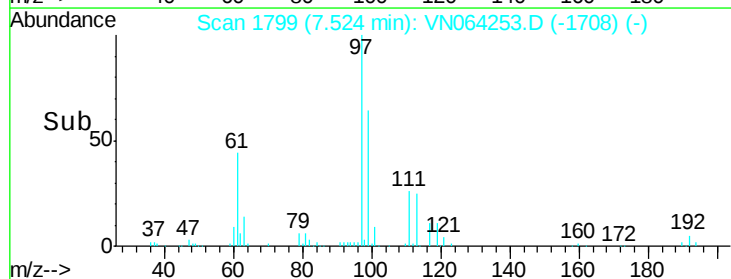
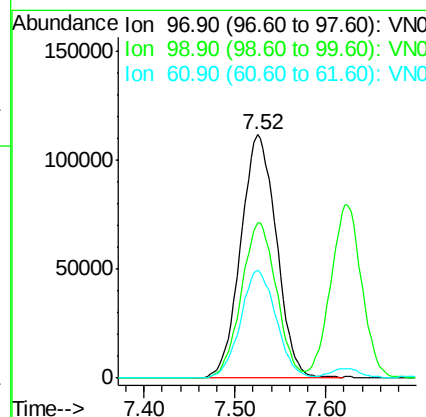
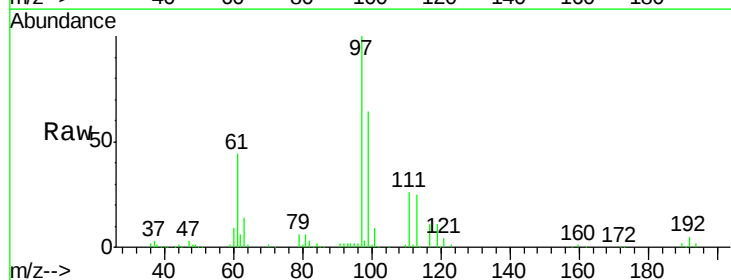
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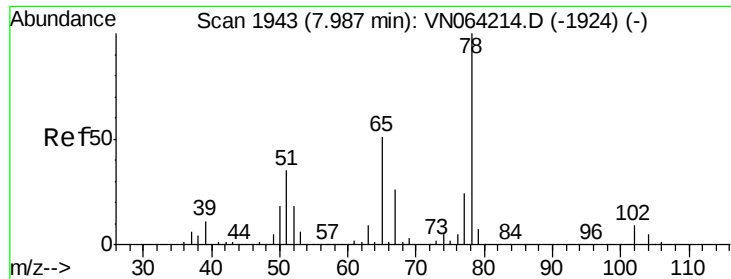
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#32
1,1,1-Trichloroethane
Concen: 50.430 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.2	76.8
61	44.0	36.3	54.5





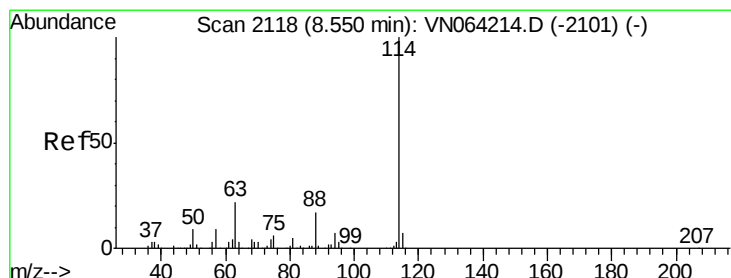
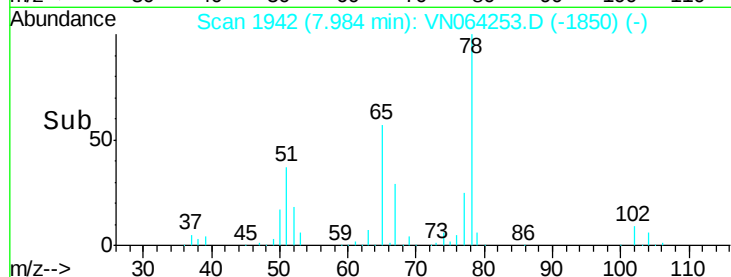
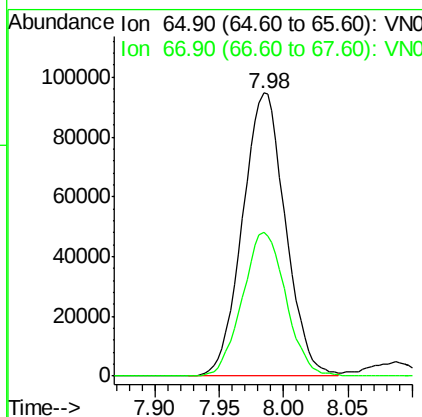
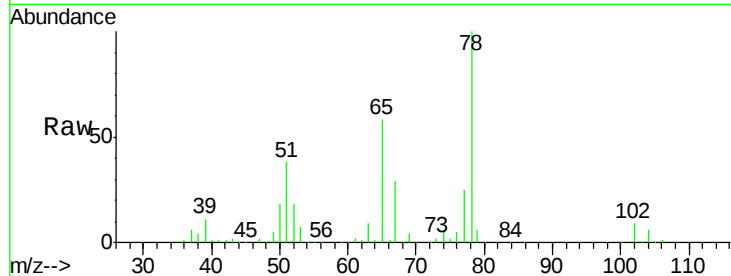
#33
 1,2-Dichloroethane-d4
 Concen: 49.361 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219700		
67	51.3	0.0	100.2	

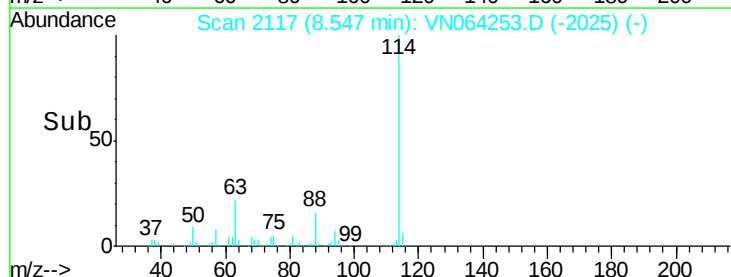
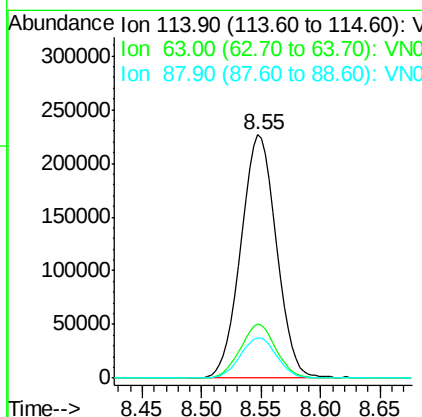
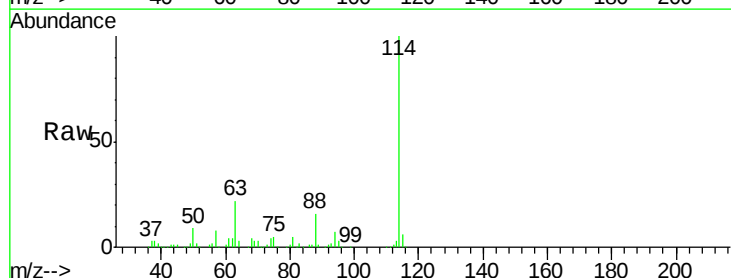
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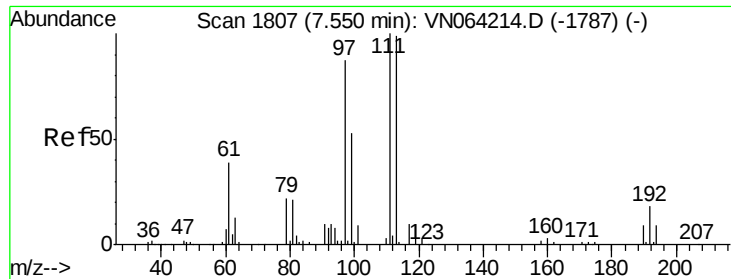
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	469494		
63	22.0	0.0	44.0	
88	16.4	0.0	34.2	





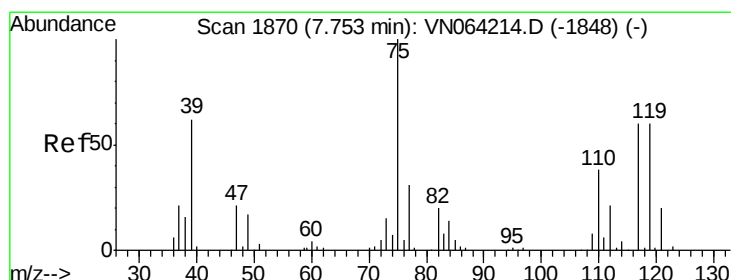
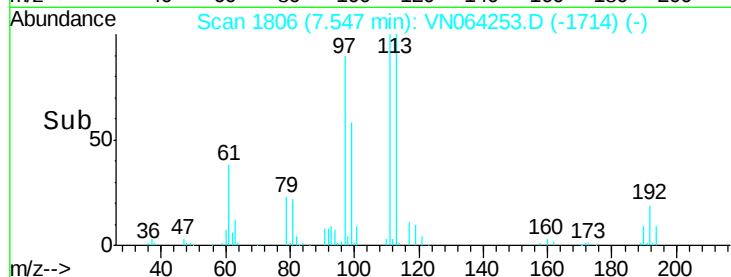
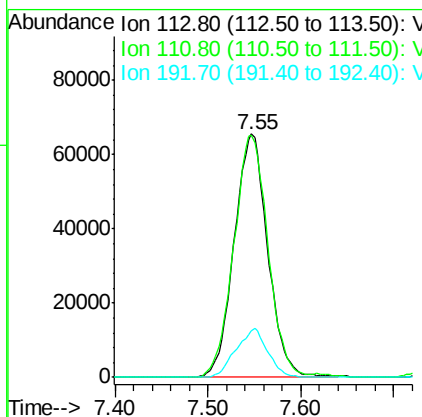
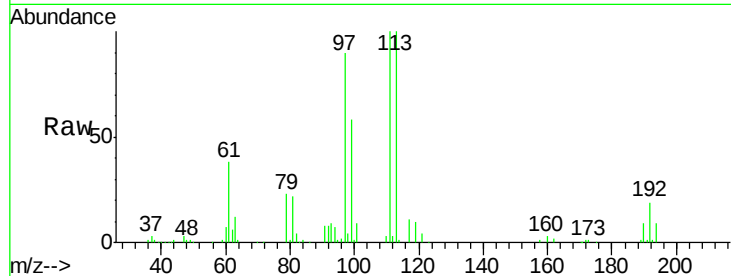
#35
Dibromofluoromethane
Concen: 52.676 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164423		
111	101.0	84.2	126.2	
192	18.8	15.2	22.8	

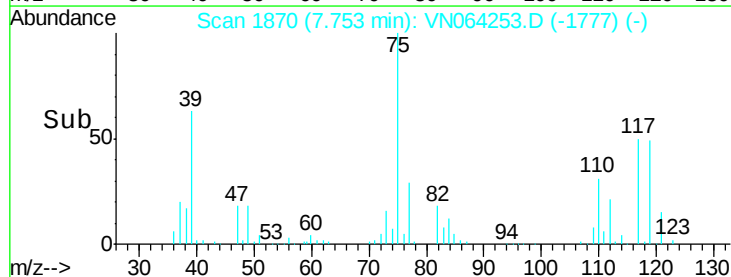
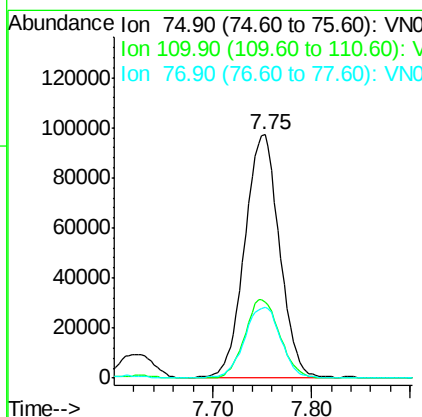
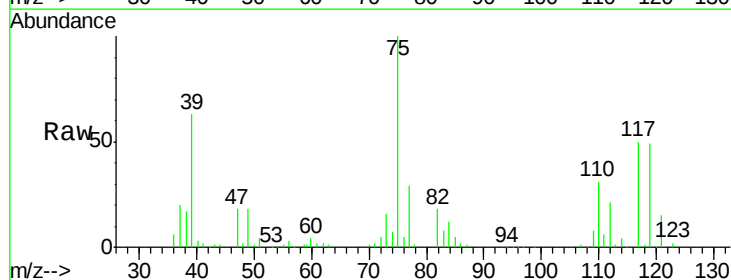
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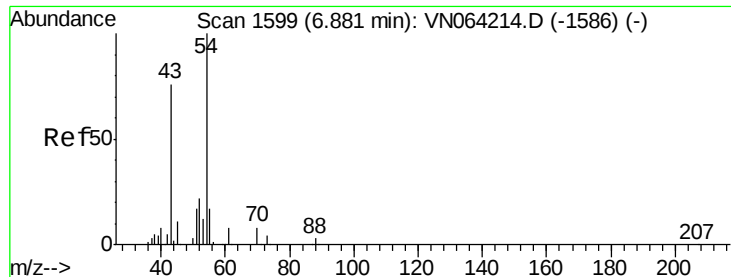
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#36
1,1-Dichloropropene
Concen: 50.306 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	235462		
110	32.6	17.2	51.6	
77	30.7	24.9	37.3	





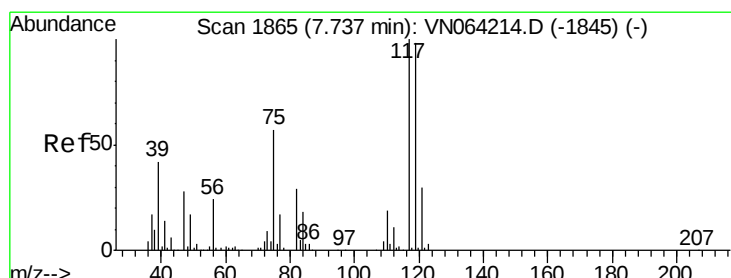
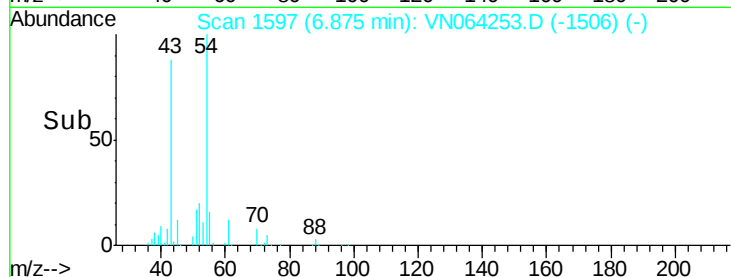
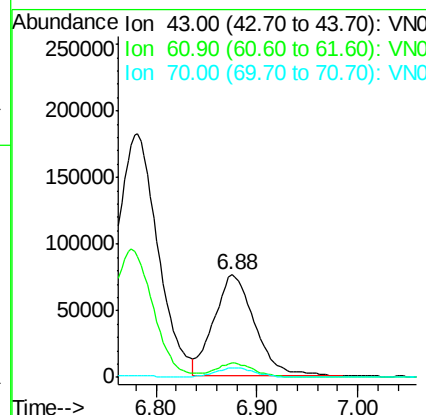
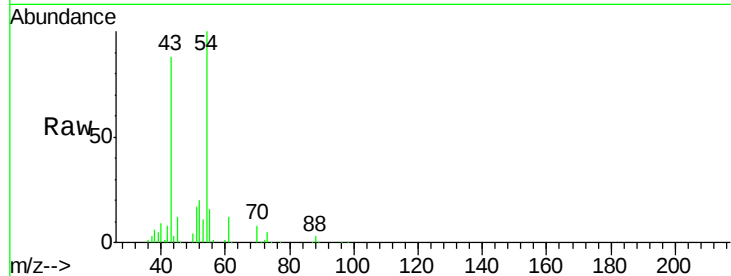
#37
Ethyl Acetate
Concen: 50.523 ug/l
RT: 6.88 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.0	15.0
70	9.3	7.5	11.3

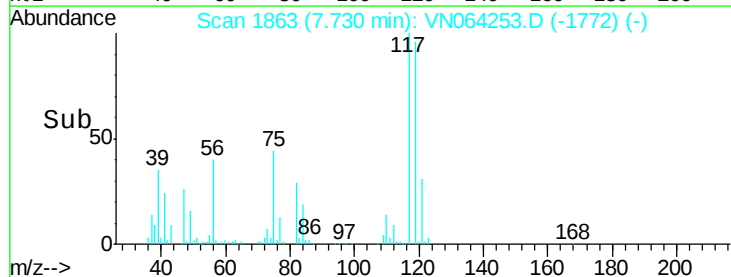
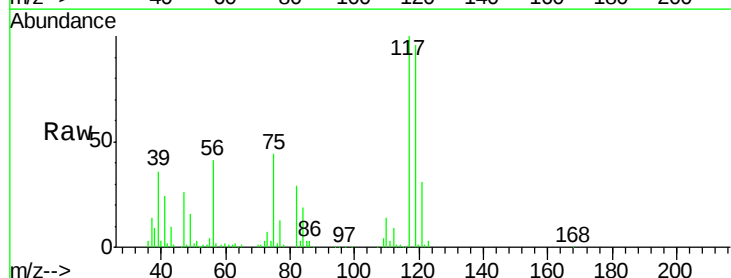
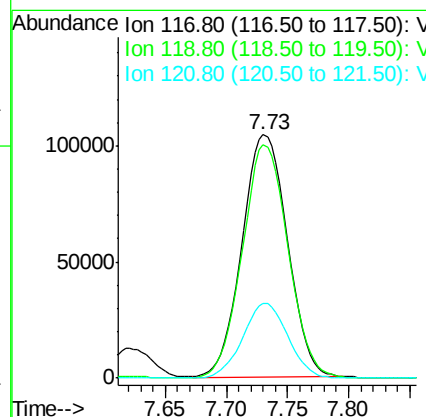
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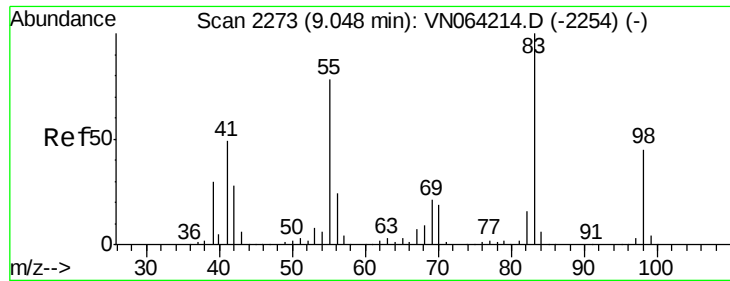
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#38
Carbon Tetrachloride
Concen: 50.627 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.5	117.7
121	31.0	24.3	36.5





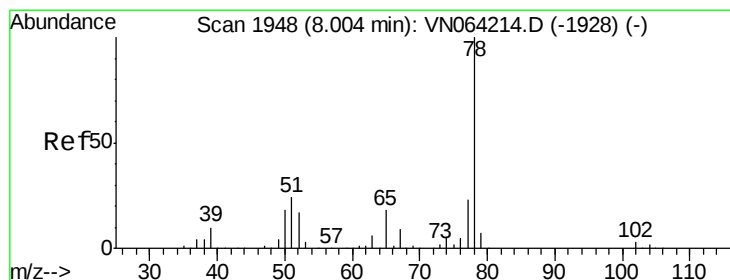
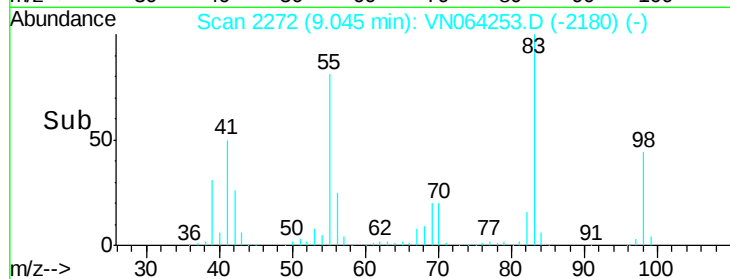
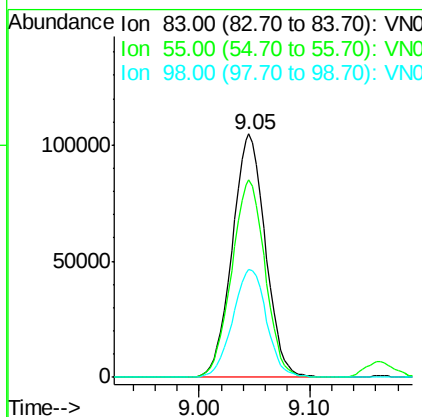
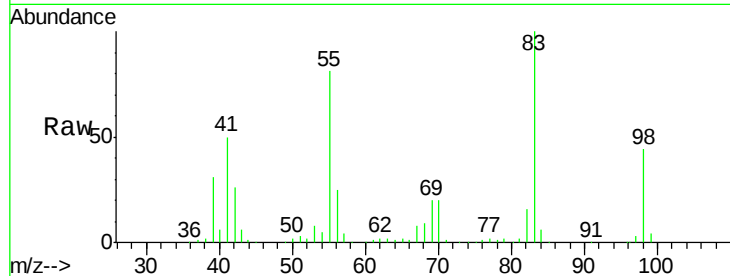
#39
Methvlcvclohexane
Concen: 51.213 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	62.2	93.2
98	44.1	35.9	53.9

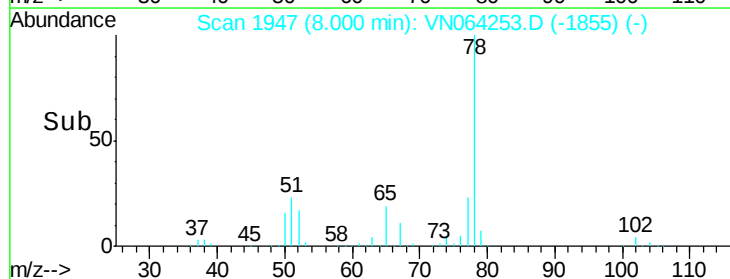
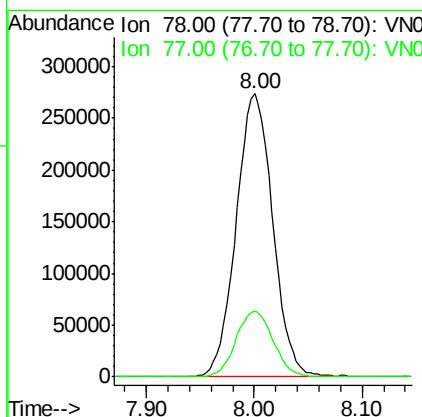
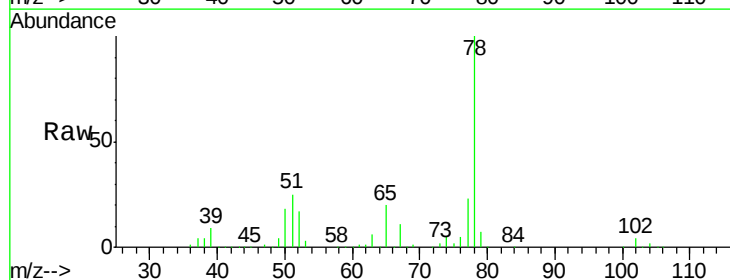
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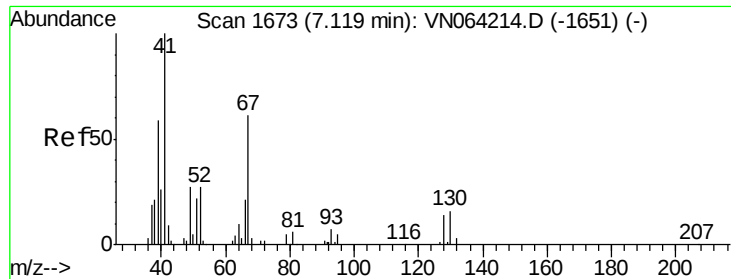
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#40
Benzene
Concen: 50.057 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





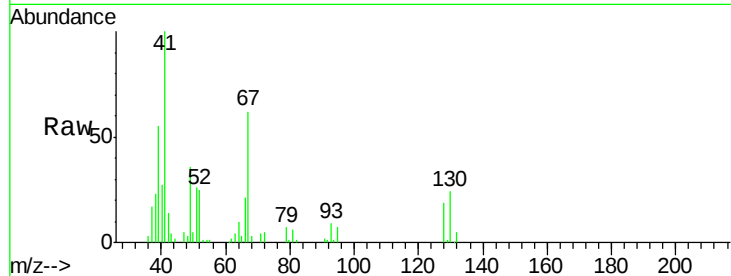
#41
Methacrylonitrile
Concen: 46.564 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

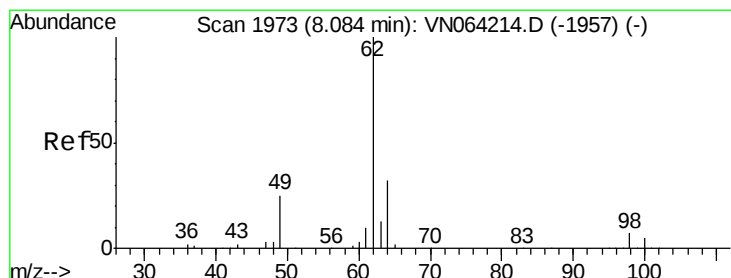
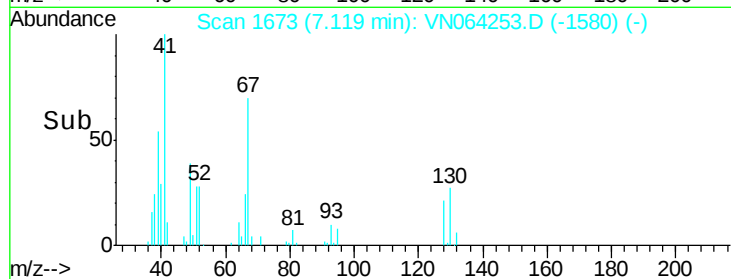
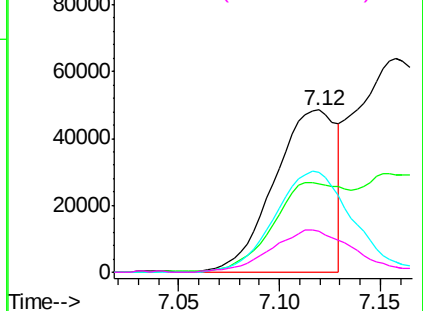
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	63.6	50.5	75.7		
67	78.9	63.2	94.8		
52	35.0	29.3	43.9		

Manual Integrations
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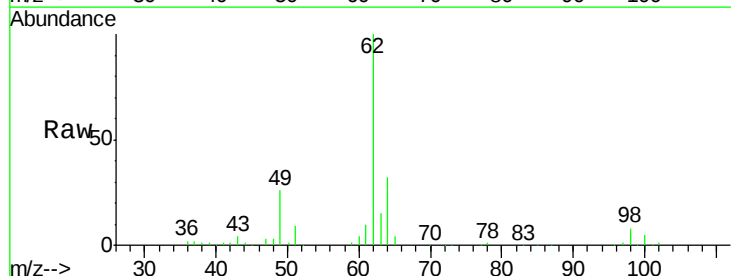


Abundance Ion 41.00 (40.70 to 41.70): VN064253.D (-1580) (-)
Ion 39.00 (38.70 to 39.70): VN064253.D (-1580) (-)
Ion 67.00 (66.70 to 67.70): VN064253.D (-1580) (-)
Ion 52.00 (51.70 to 52.70): VN064253.D (-1580) (-)

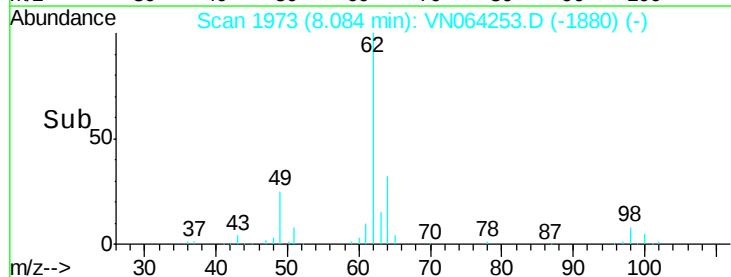
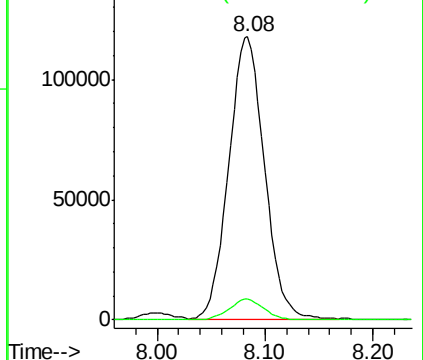


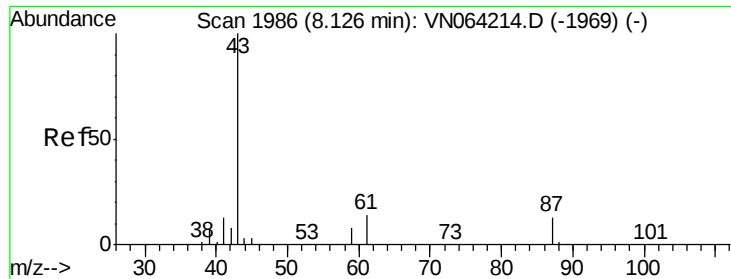
#42
1,2-Dichloroethane
Concen: 48.850 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	7.1	0.0	15.0		



Abundance Ion 61.90 (61.60 to 62.60): VN064253.D (-1880) (-)
Ion 97.90 (97.60 to 98.60): VN064253.D (-1880) (-)





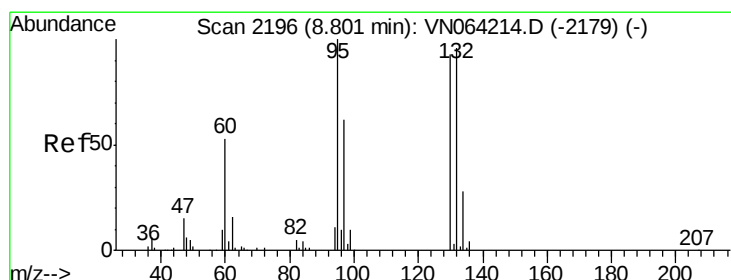
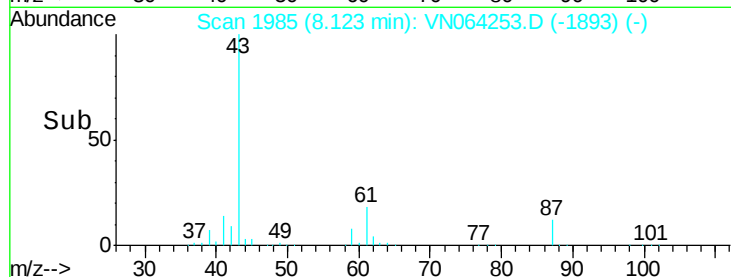
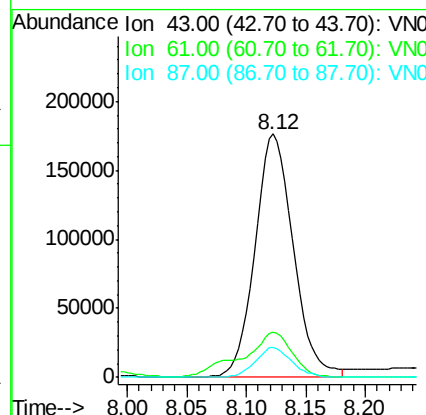
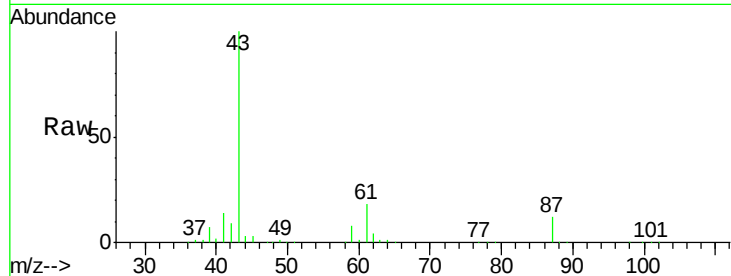
#43
Isopropyl Acetate
Concen: 49.383 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	19.6	29.4#
87	11.7	9.8	14.6

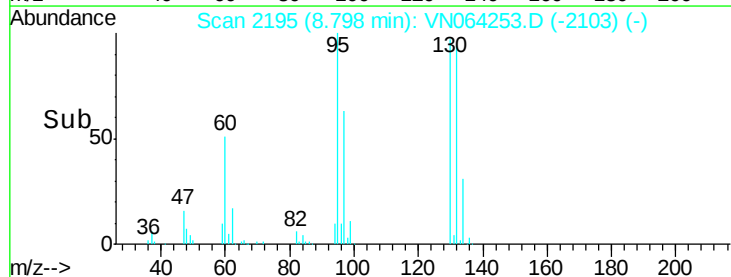
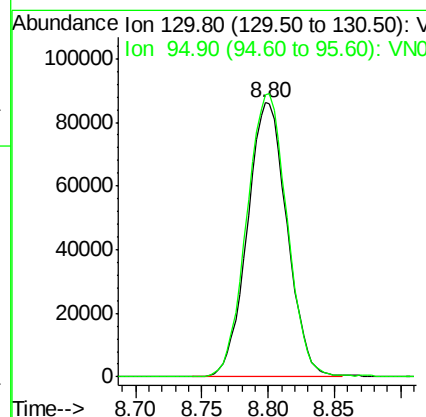
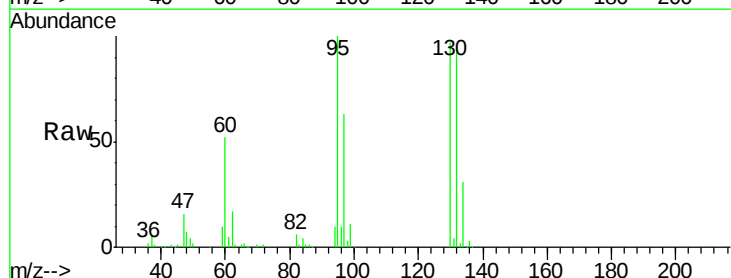
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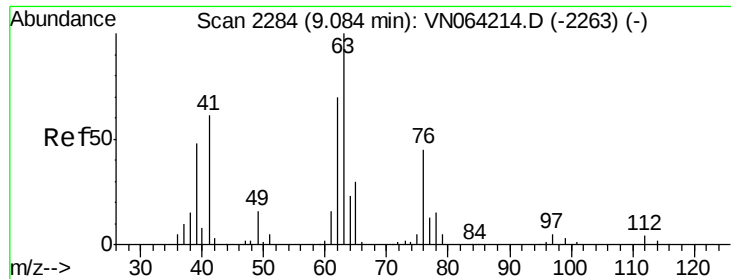
MMDadoda
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#44
Trichloroethene
Concen: 50.931 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	214.0





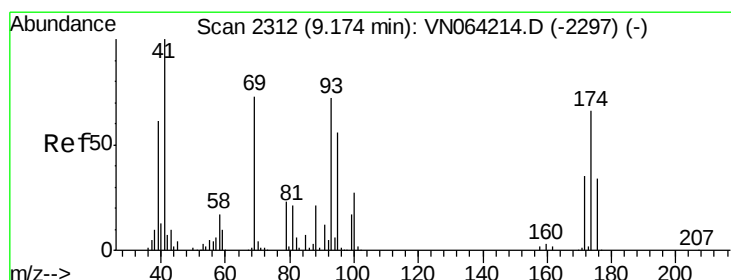
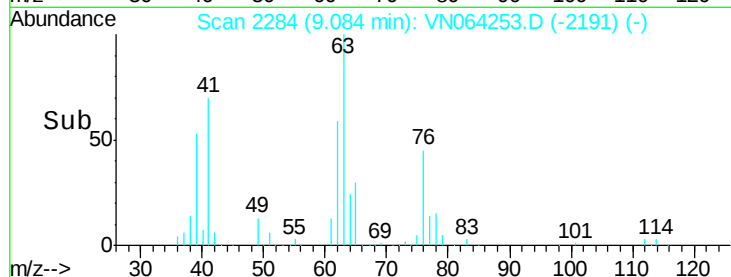
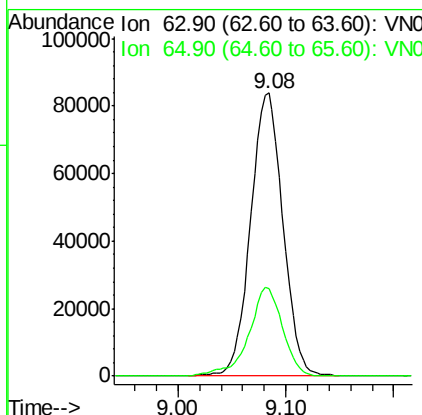
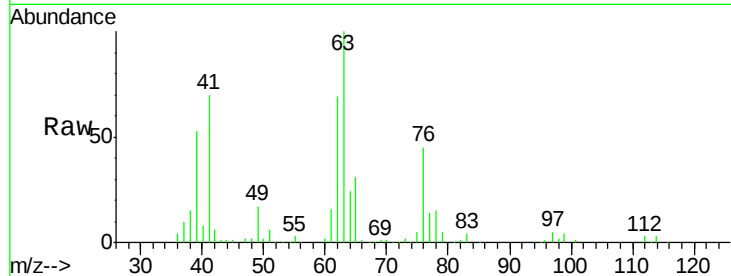
#45
 1,2-Dichloropropane
 Concen: 50.660 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 174740
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.0 36.0

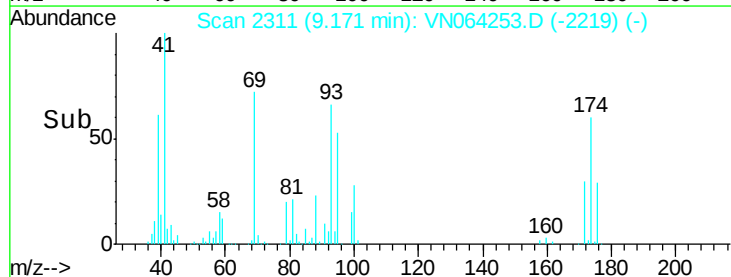
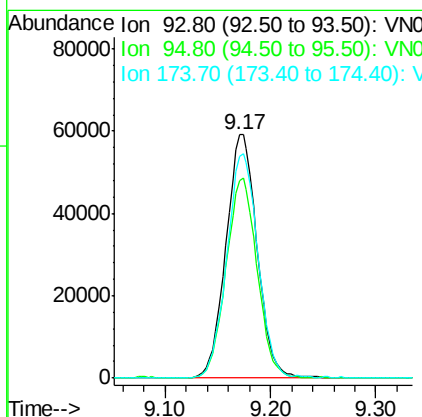
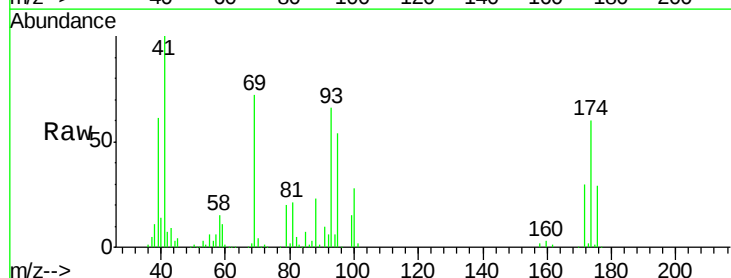
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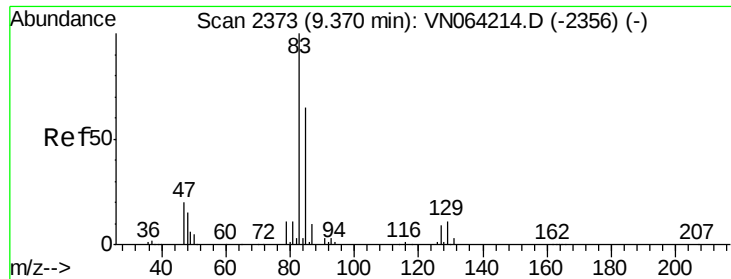
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#46
 Dibromomethane
 Concen: 52.165 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion: 93 Resp: 120820
 Ion Ratio Lower Upper
 93 100
 95 81.9 63.0 94.4
 174 92.4 72.9 109.3





#47

Bromodichloromethane

Concen: 51.891 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

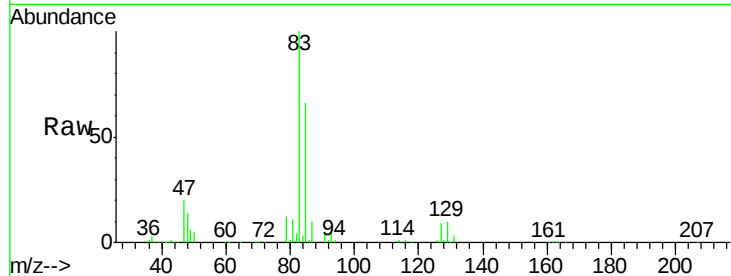
ClientSampleId :

VSTDCCC050

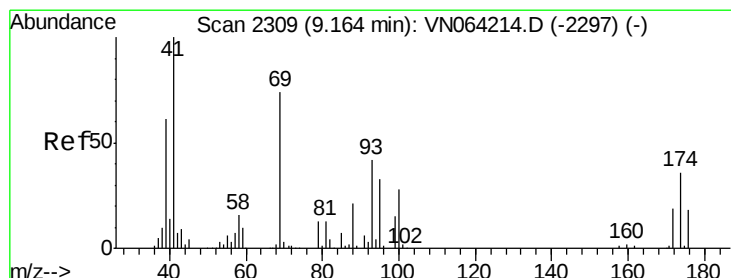
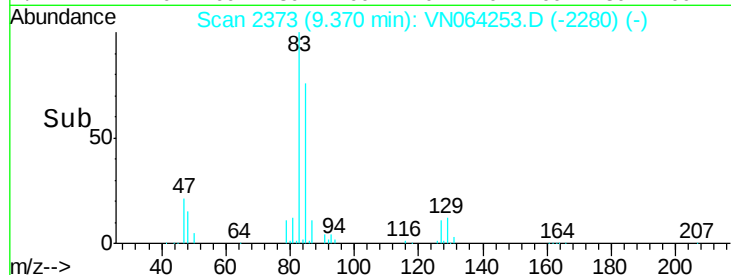
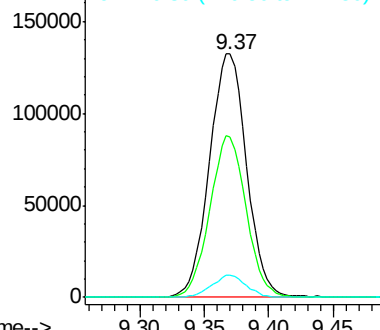
Tot Ion:	83	Resp:	265526
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.8	77.8
127	9.3	7.4	11.0

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Abundance Ion 82.90 (82.60 to 83.60): VN064253.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.120 ug/l

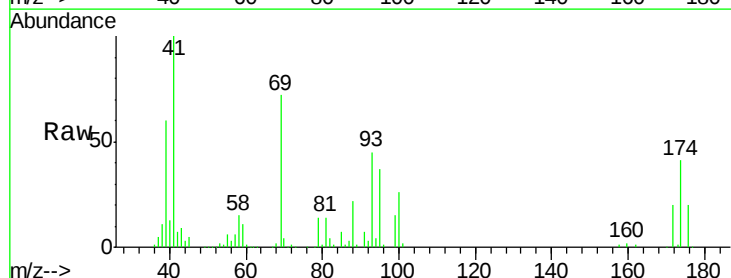
RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

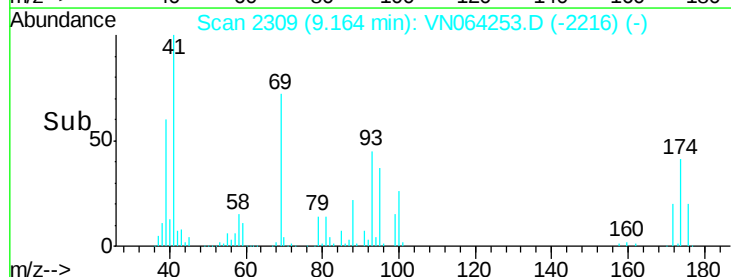
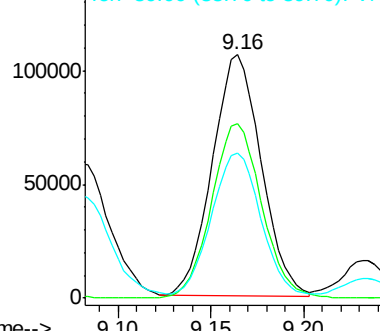
Lab File: VN064253.D

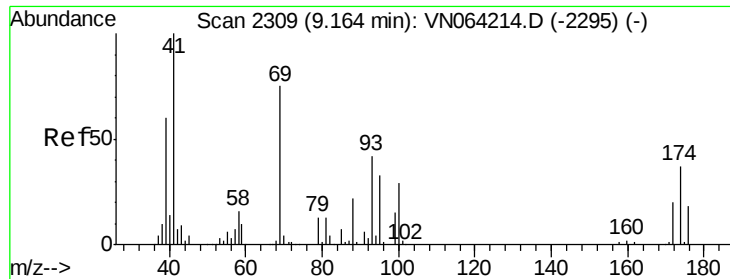
Acq: 22 Oct 2020 16:21

Tgt Ion:	41	Resp:	194950
Ion Ratio	Lower	Upper	
41	100		
69	74.2	57.3	85.9
39	61.0	48.6	73.0



Abundance Ion 41.00 (40.70 to 41.70): VN064253.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1027.368 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

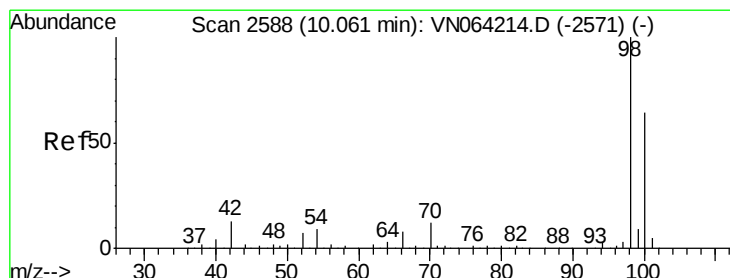
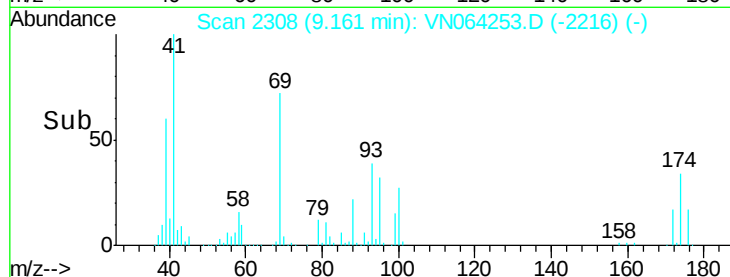
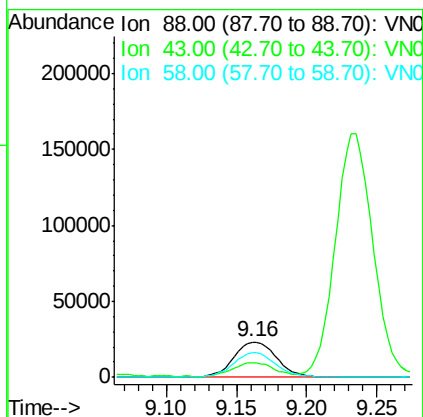
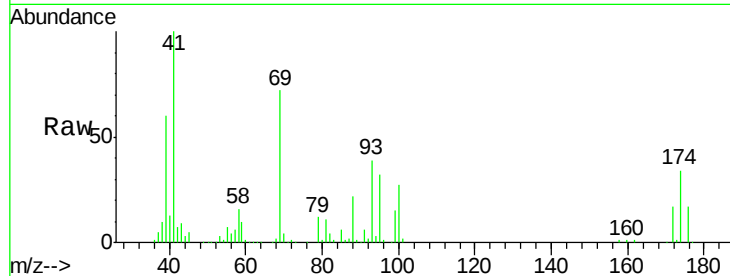
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	49733
Ion	Ratio	Lower	Upper
88	100		
43	37.6	34.6	52.0
58	69.1	59.0	88.6

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#50

Toluene-d8

Concen: 52.805 ug/l

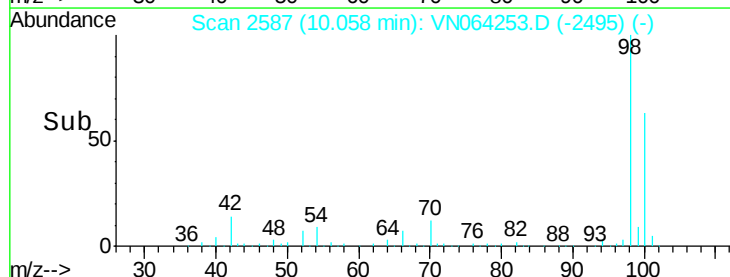
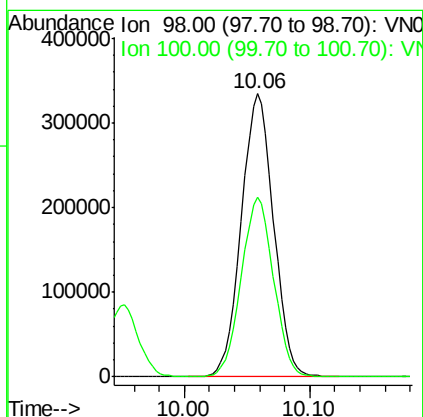
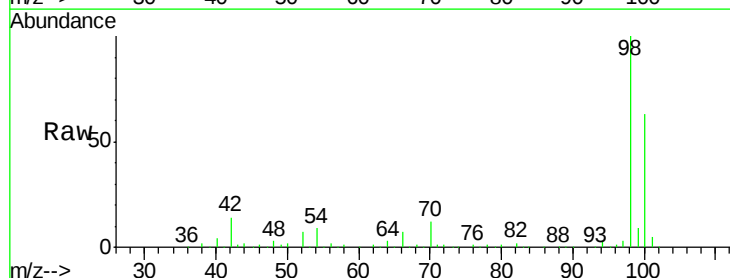
RT: 10.06 min Scan# 2587

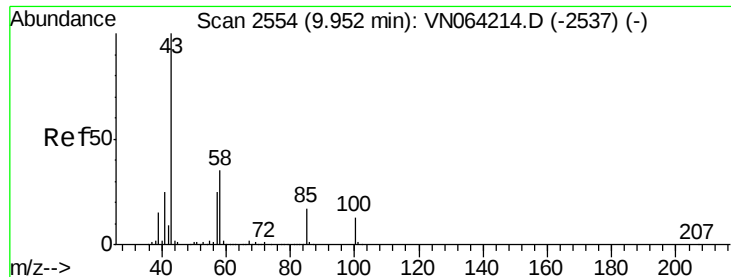
Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion:	98	Resp:	597916
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2





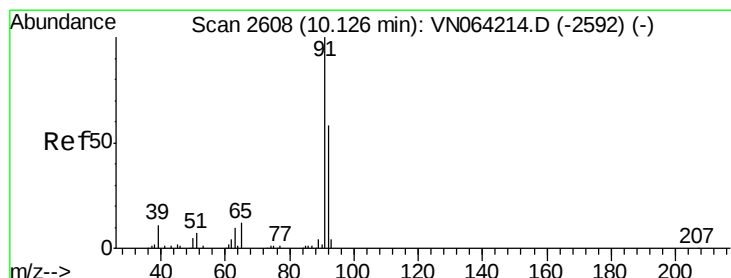
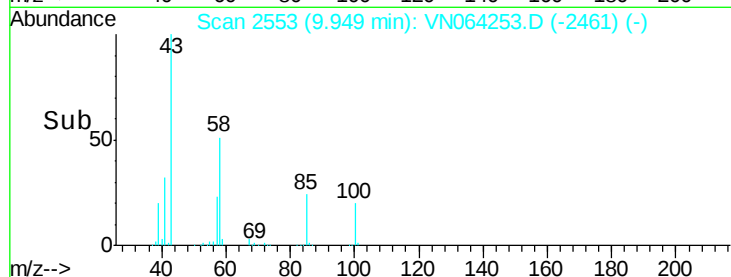
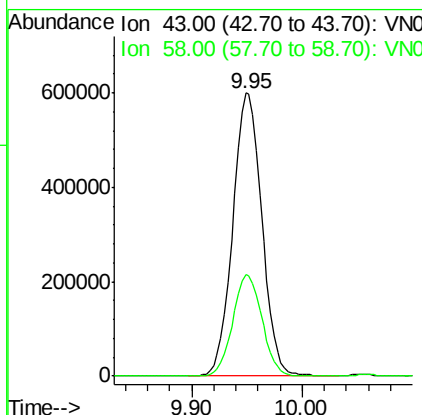
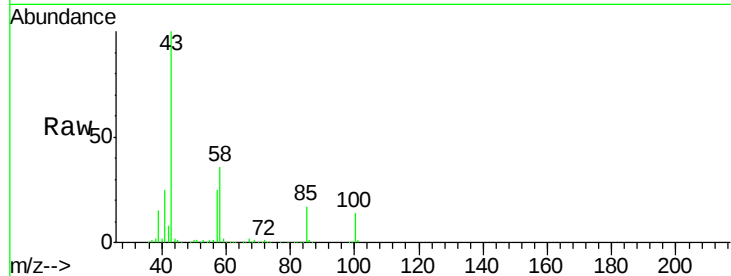
#51
 4-Methyl-2-Pentanone
 Concen: 258.064 ug/l
 RT: 9.95 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1092352
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.6 42.8

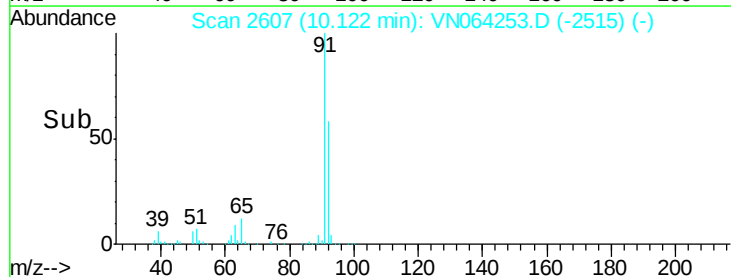
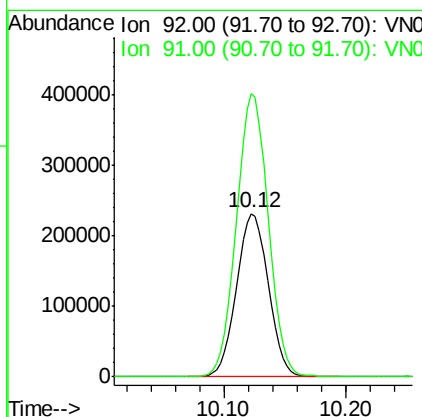
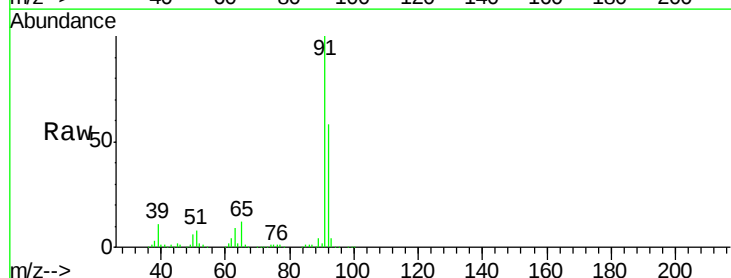
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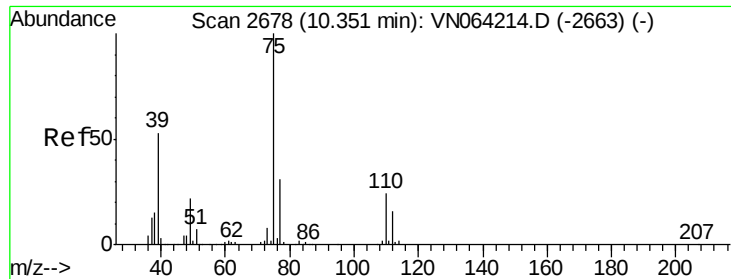
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#52
 Toluene
 Concen: 50.498 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion: 92 Resp: 417486
 Ion Ratio Lower Upper
 92 100
 91 173.2 137.4 206.2





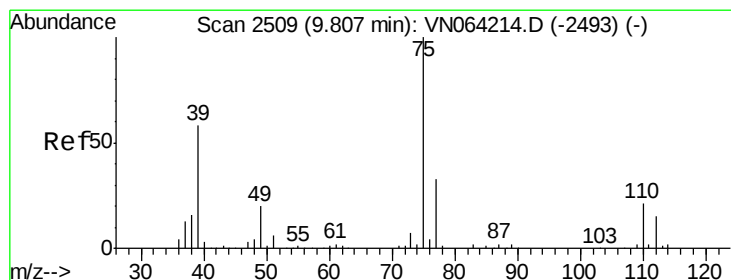
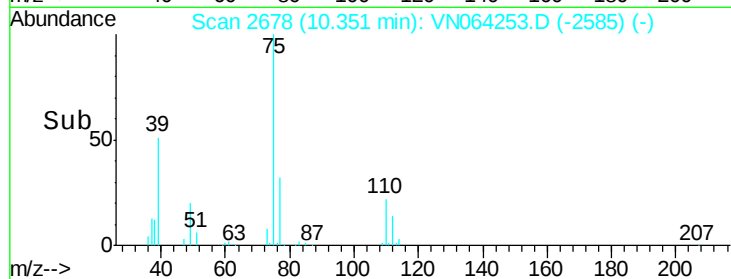
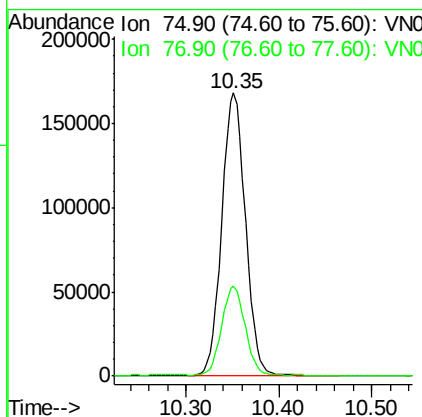
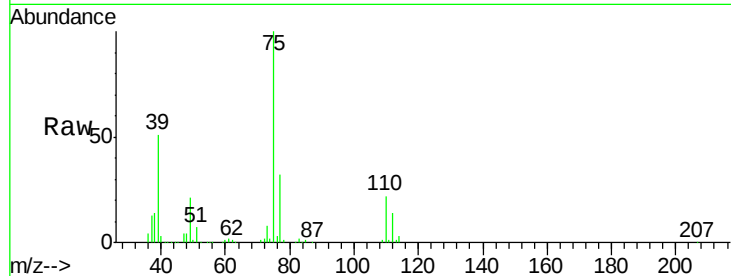
#53
t-1,3-Dichloropropene
Concen: 52.565 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

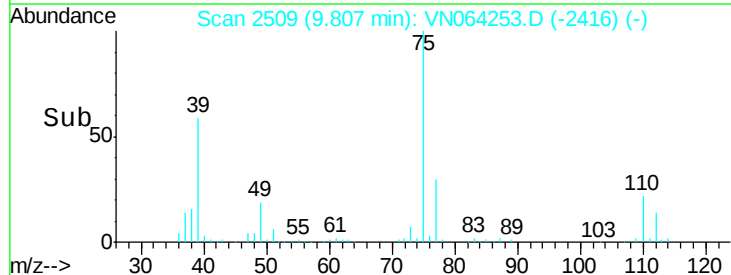
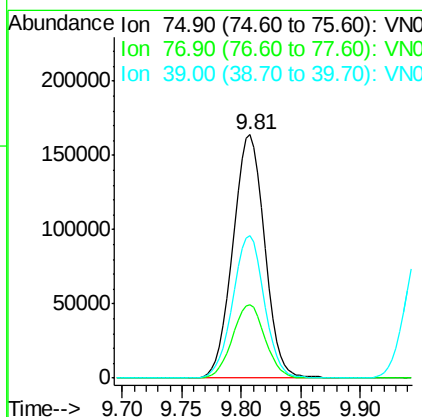
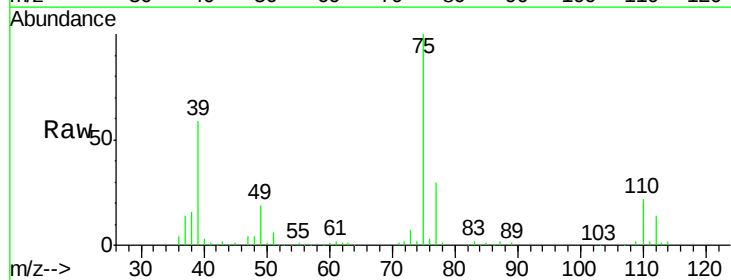
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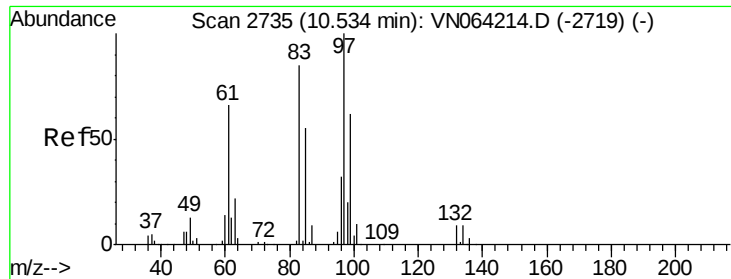
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#54
cis-1,3-Dichloropropene
Concen: 50.828 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.6	39.8
39	58.7	46.7	70.1





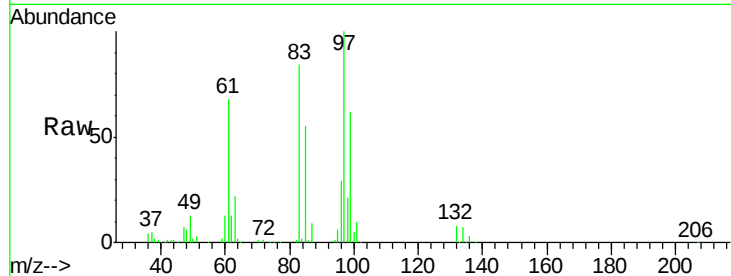
#55
 1,1,2-Trichloroethane
 Concen: 50.629 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	158085
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.8	101.6
85	54.9	43.6	65.4
99	61.5	49.9	74.9

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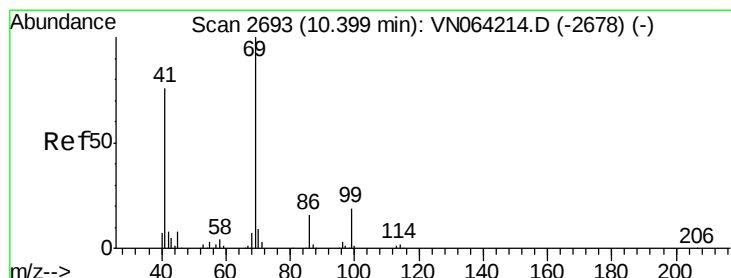
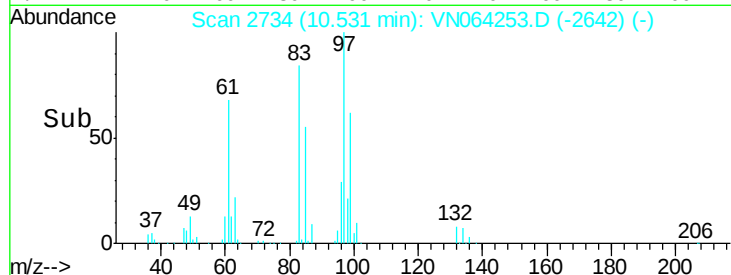
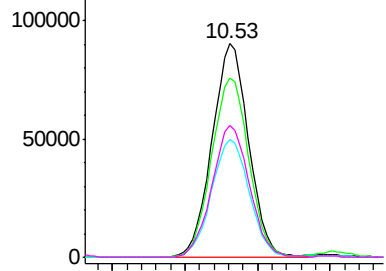


Abundance Ion 96.90 (96.60 to 97.60): VN064253.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064253.D (-2642) (-)

Ion 84.90 (84.60 to 85.60): VN064253.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064253.D (-2642) (-)



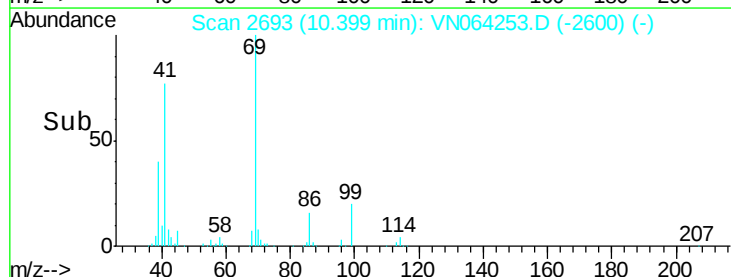
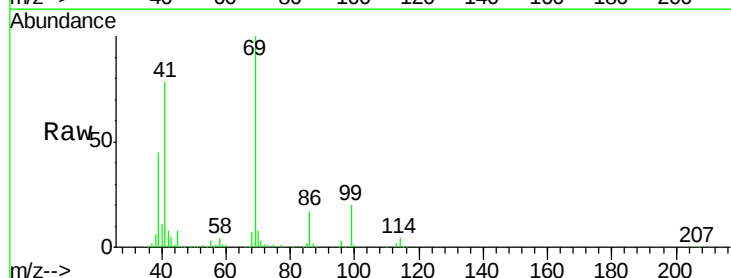
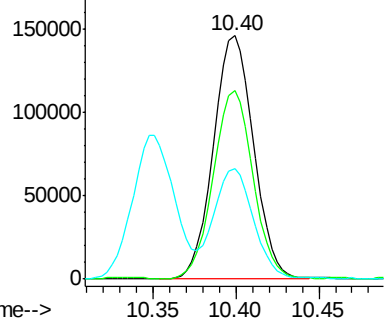
#56
 Ethyl methacrylate
 Concen: 50.985 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

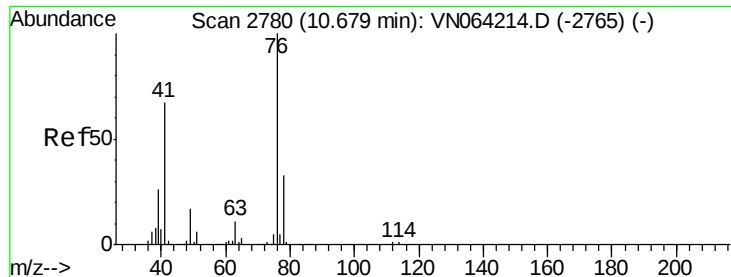
Tgt Ion:	69	Resp:	246154
Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.4	92.2
39	44.4	36.0	54.0

Abundance Ion 69.00 (68.70 to 69.70): VN064253.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064253.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064253.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 51.136 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 277340

Ion Ratio Lower Upper

76 100

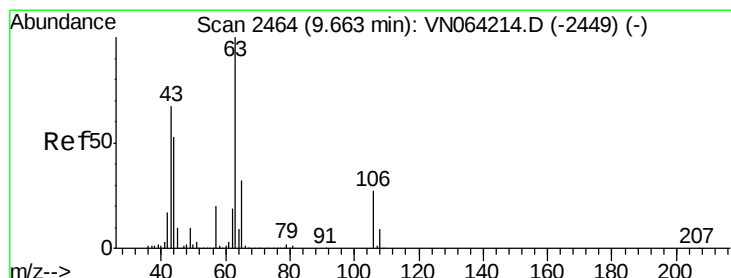
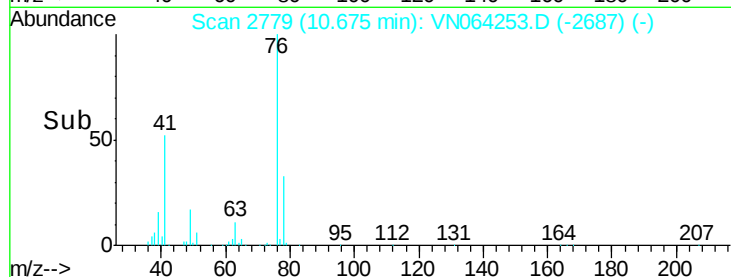
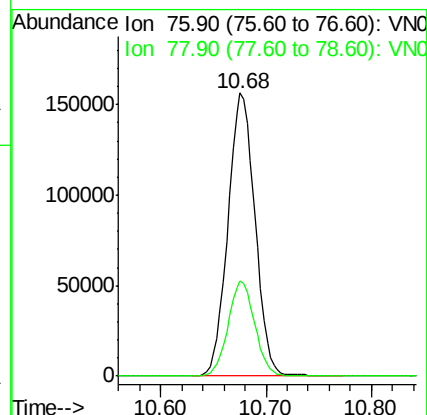
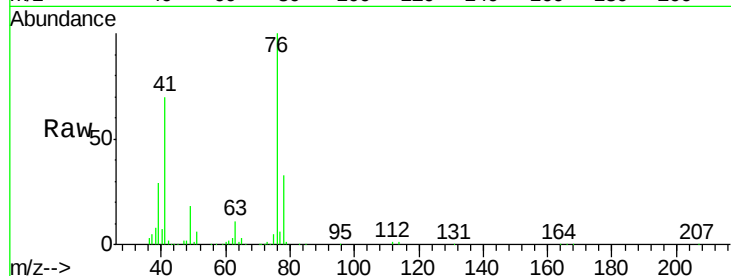
78 33.0 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 226.956 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064253.D

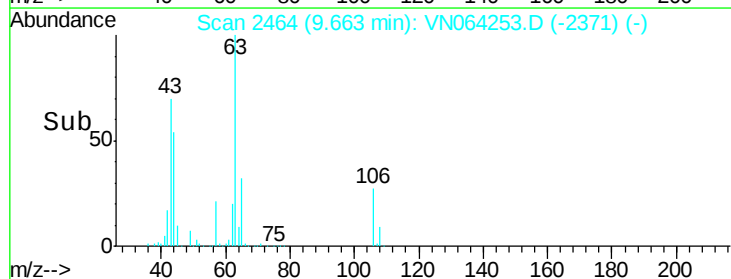
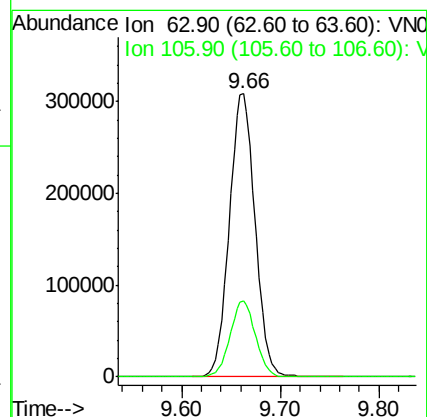
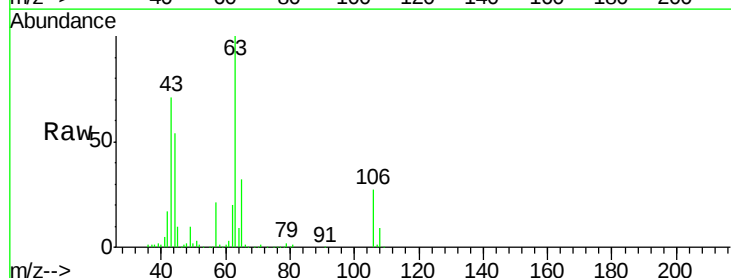
Acq: 22 Oct 2020 16:21

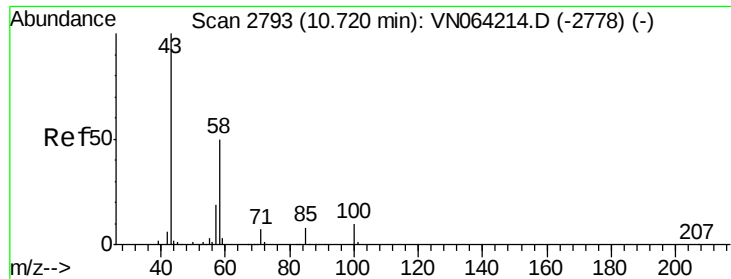
Tgt Ion: 63 Resp: 564237

Ion Ratio Lower Upper

63 100

106 26.4 21.3 31.9





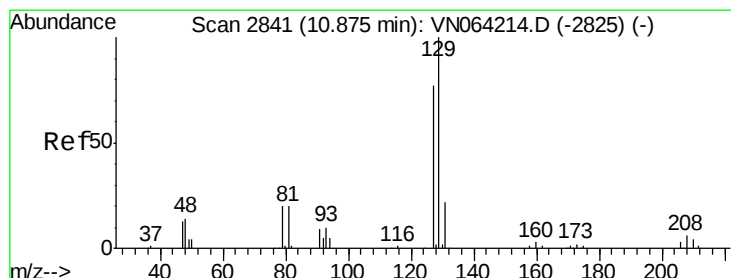
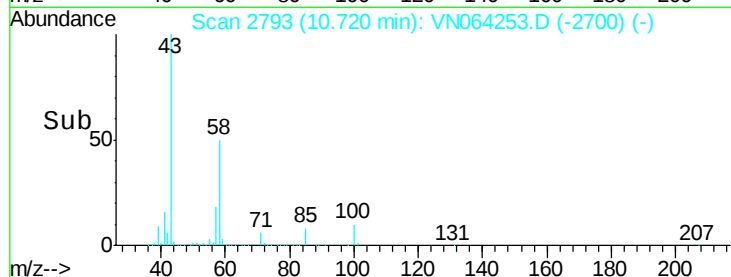
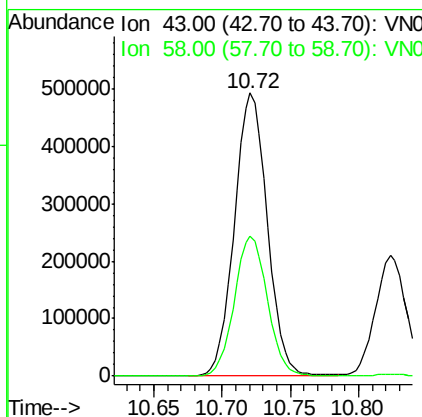
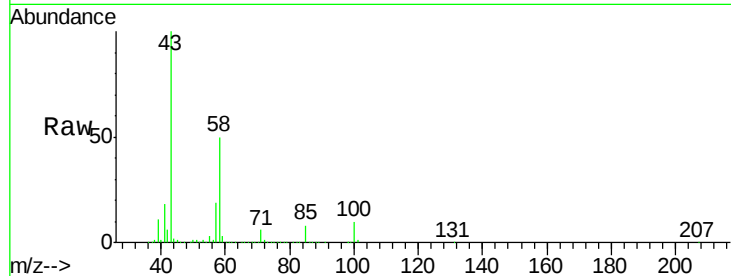
#59
2-Hexanone
Concen: 265.974 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	822204
Ion Ratio	100	Lower	Upper
43	100		
58	50.0	24.8	74.3

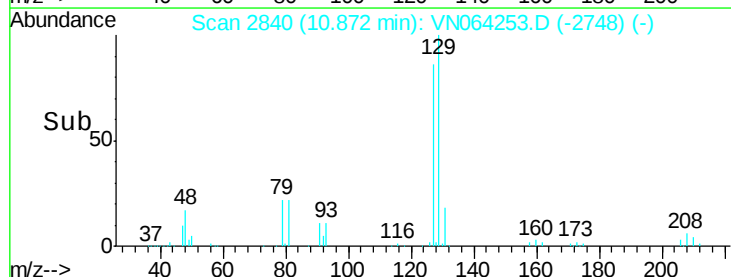
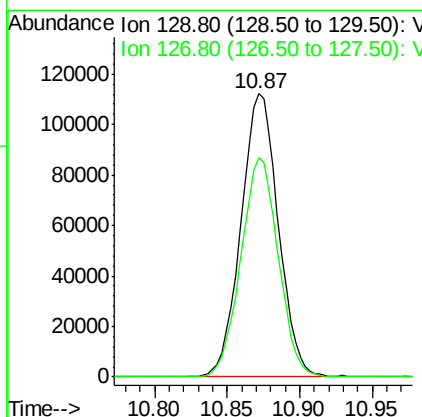
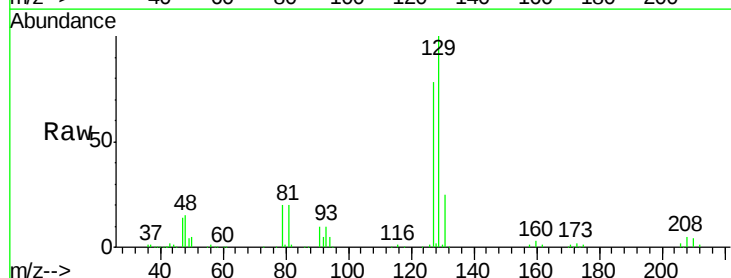
Manual Integrations
APPROVED

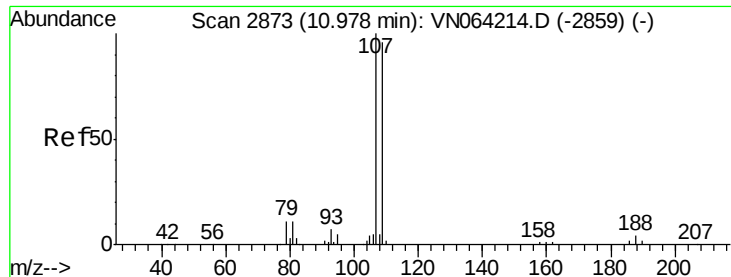
MMDadoda
10/23/2020 3:41:10 PM



#60
Dibromochloromethane
Concen: 49.691 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	129	Resp	200856	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.3	38.8	116.3	





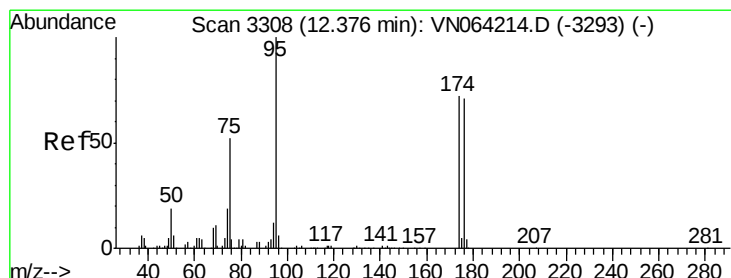
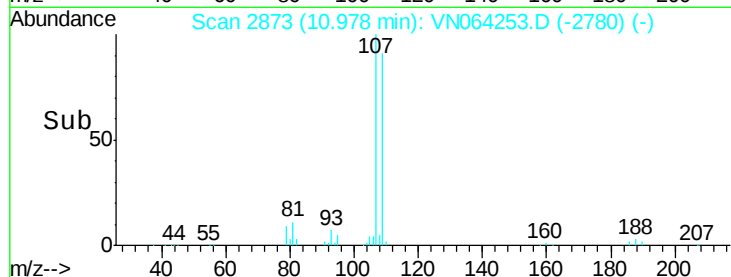
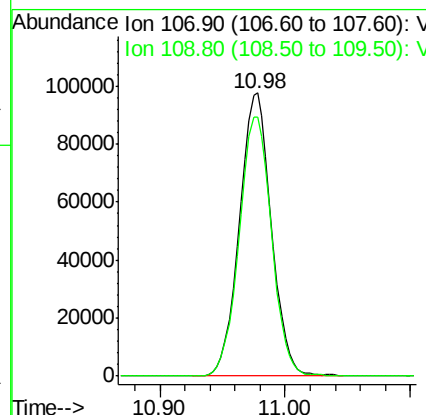
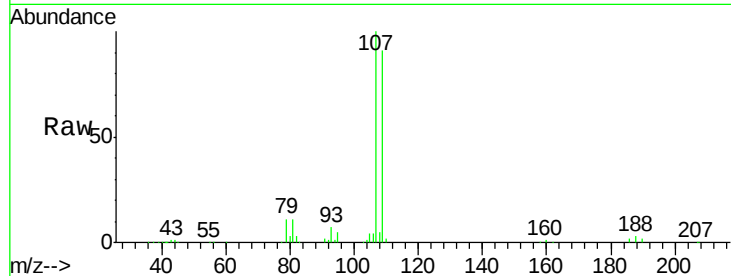
#61
 1,2-Dibromoethane
 Concen: 52.153 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.2	114.4

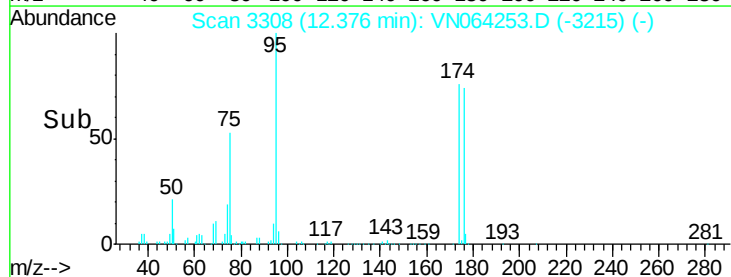
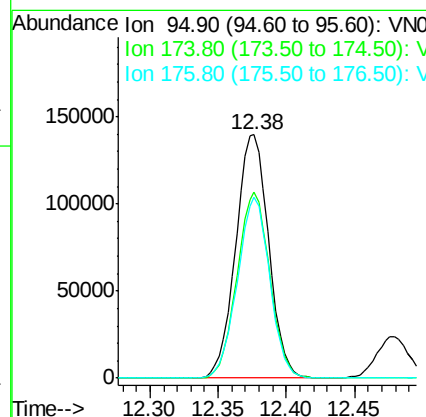
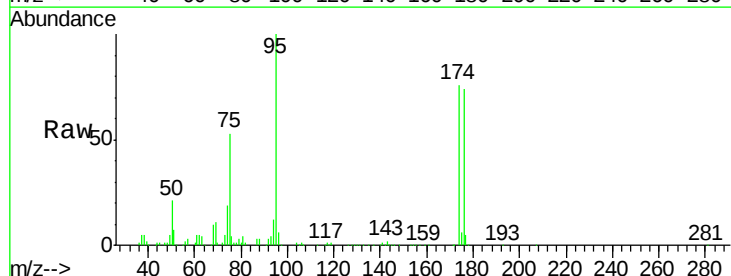
Manual Integrations
 APPROVED

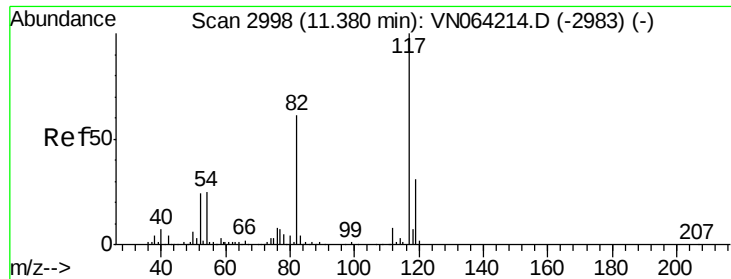
MMDadoda
 10/23/2020 3:41:10 PM



#62
 4-Bromofluorobenzene
 Concen: 51.148 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	144.4
176	72.8	0.0	139.2





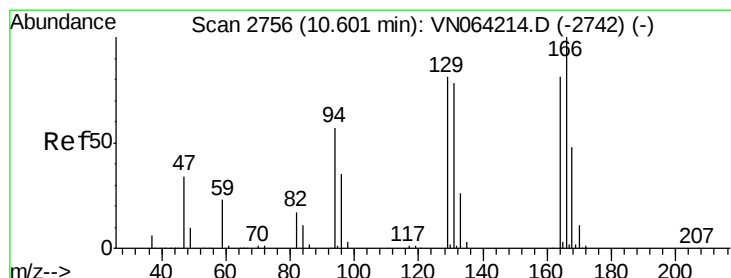
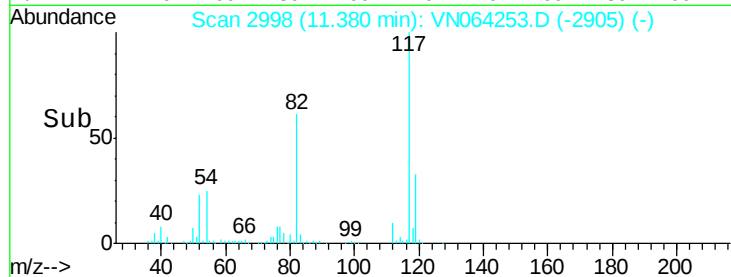
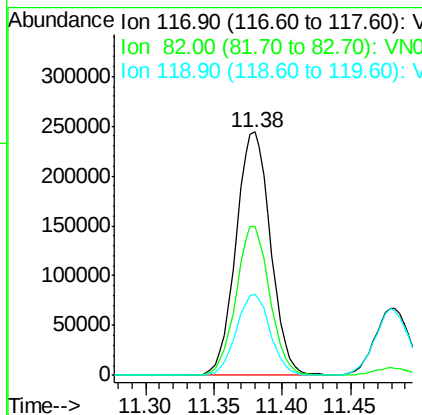
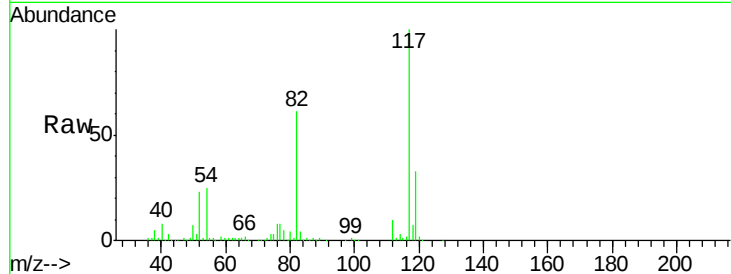
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	48.8	73.2
119	33.2	24.7	37.1

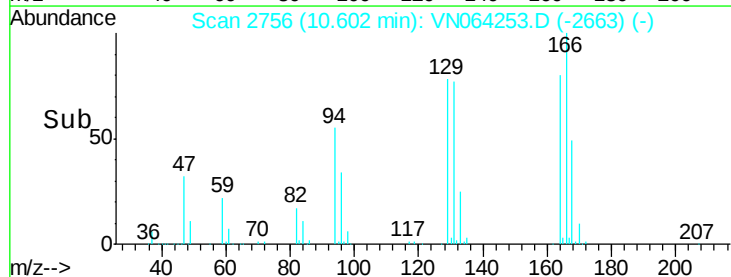
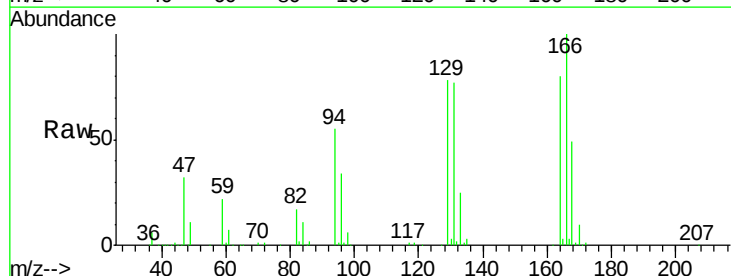
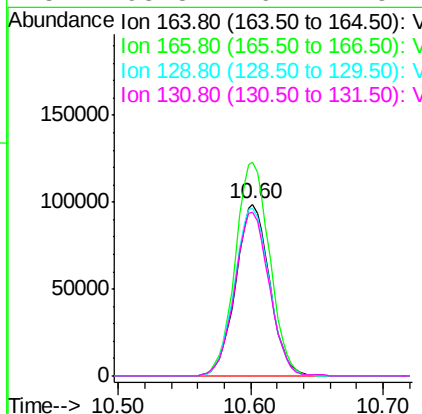
Manual Integrations
APPROVED

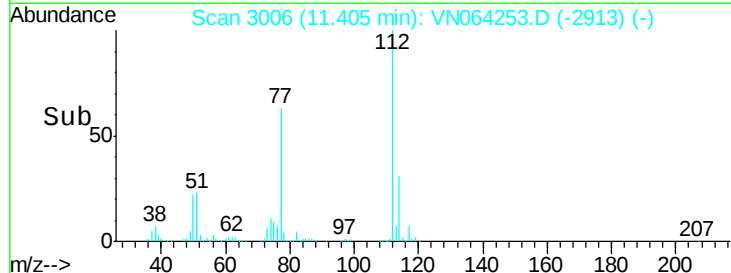
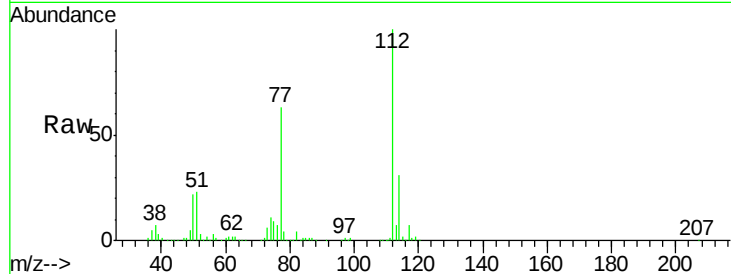
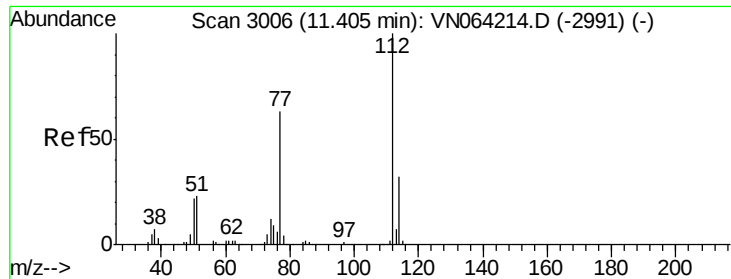
MMDadoda
10/23/2020 3:41:10 PM



#64
Tetrachloroethene
Concen: 50.771 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	98.9	148.3
129	97.6	79.9	119.9
131	95.8	76.7	115.1





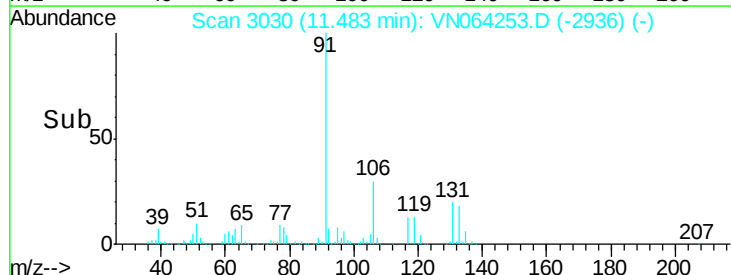
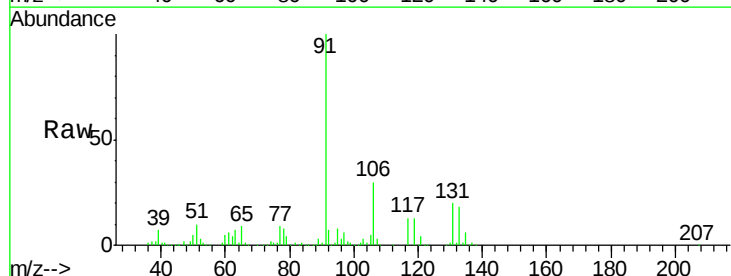
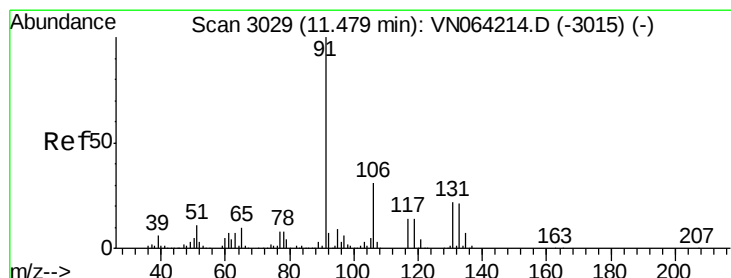
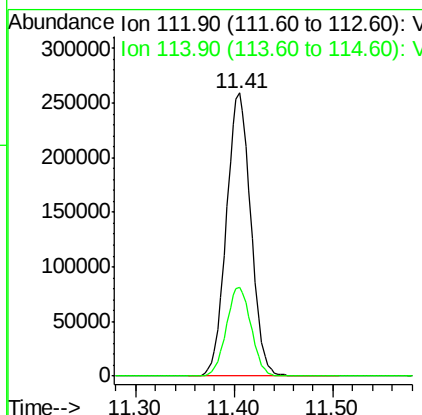
#65
Chlorobenzene
Concen: 50.758 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tot Ion:112 Resp: 450965
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

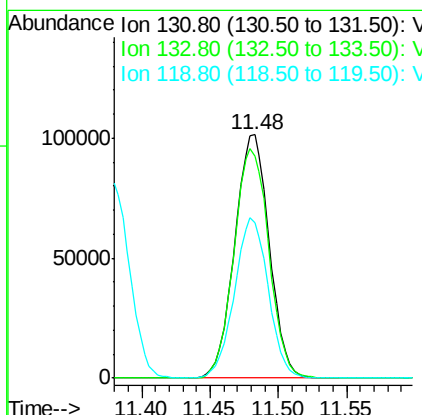
Manual Integrations
APPROVED

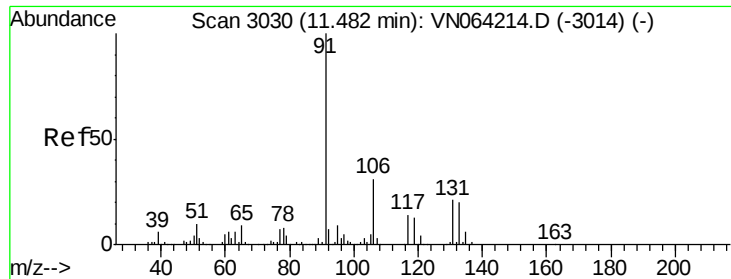
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.583 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion:131 Resp: 178390
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 64.5 32.2 96.6





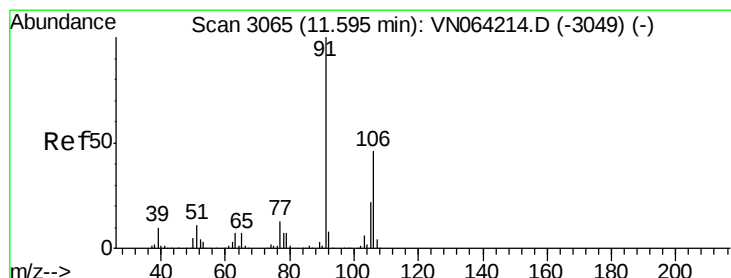
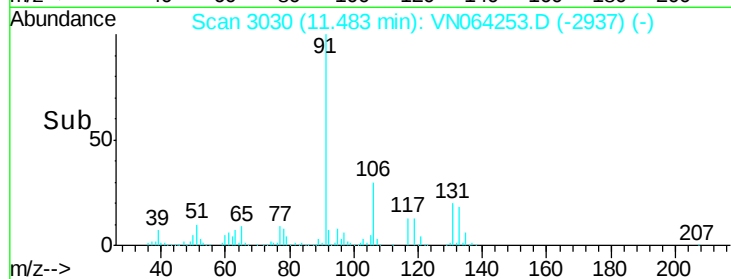
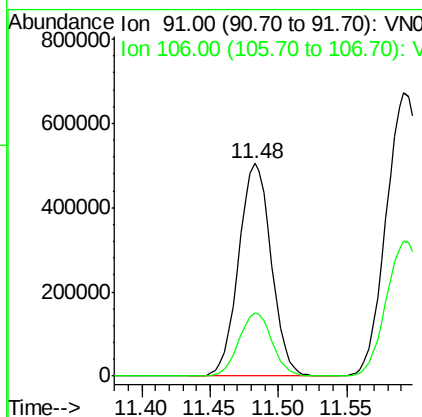
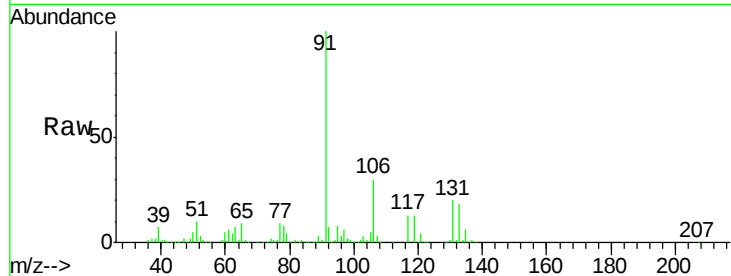
#67
Ethyl Benzene
Concen: 51.370 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 838774
Ion Ratio Lower Upper
91 100
106 29.9 24.8 37.2

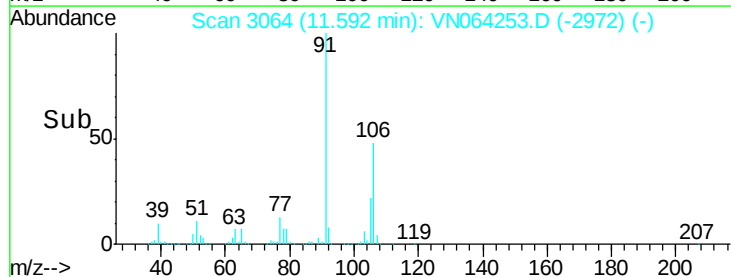
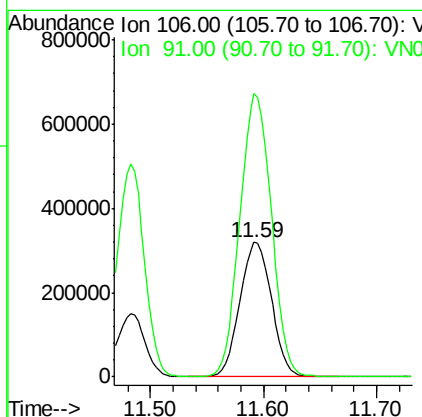
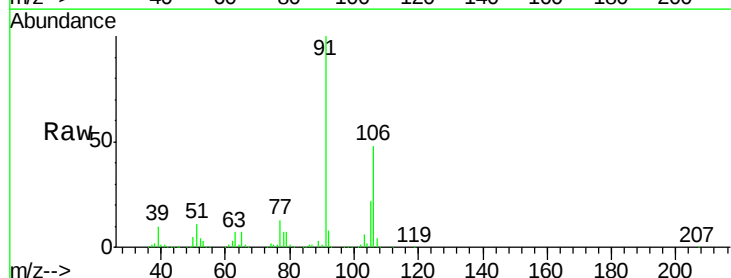
Manual Integrations
APPROVED

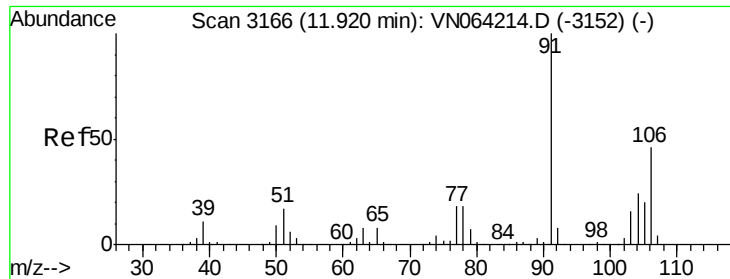
MMDadoda
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#68
m/p-Xylenes
Concen: 102.705 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion: 106 Resp: 621326
Ion Ratio Lower Upper
106 100
91 210.7 172.2 258.2





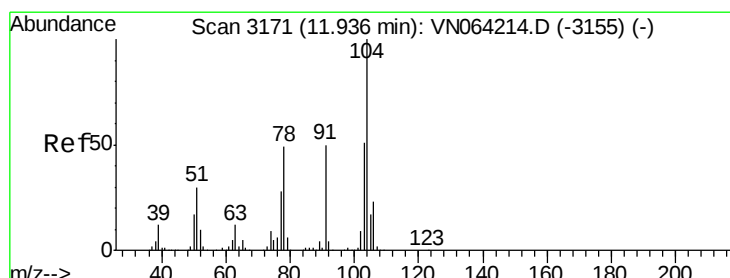
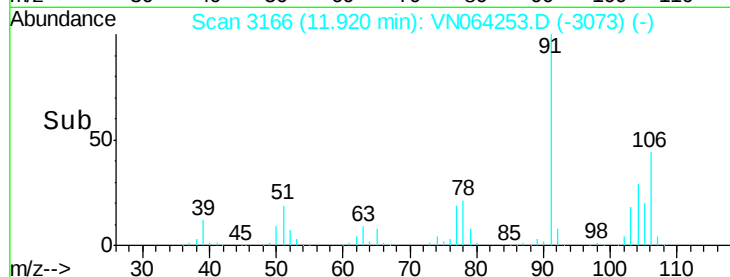
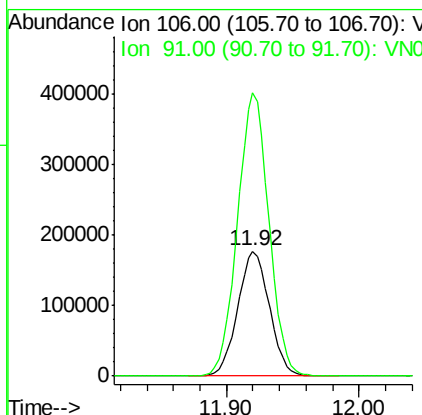
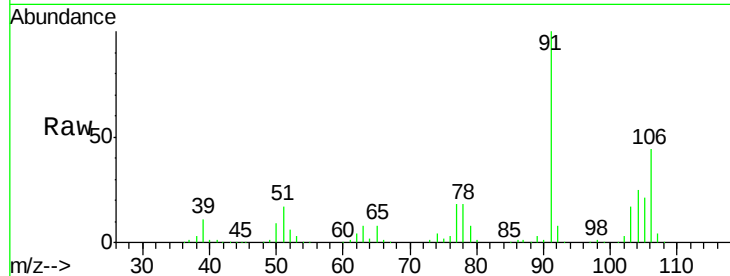
#69
o-Xylene
Concen: 50.227 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 293869
Ion Ratio Lower Upper
106 100
91 224.3 109.9 329.6

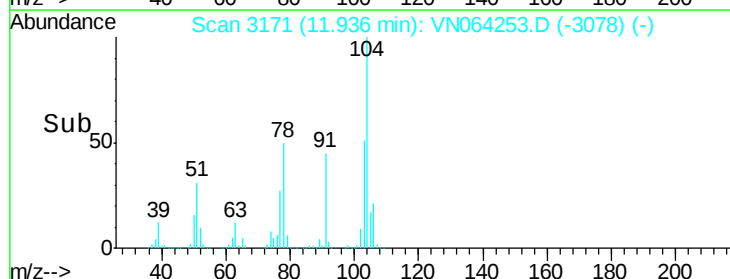
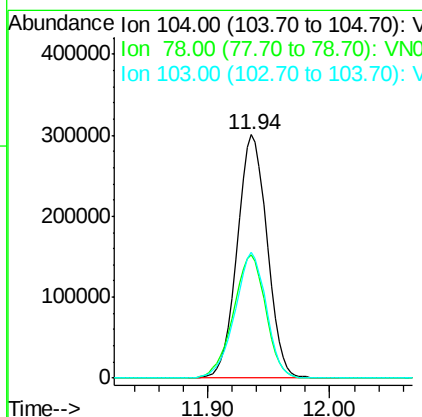
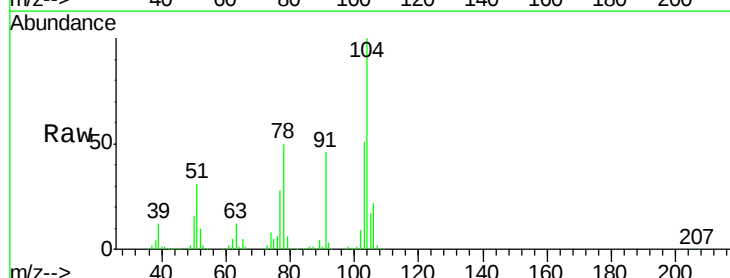
Manual Integrations
APPROVED

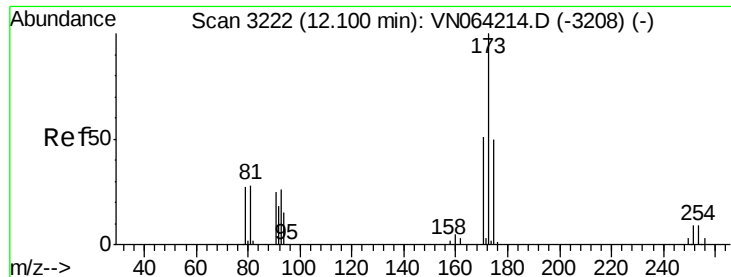
MMDadoda
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#70
Styrene
Concen: 51.960 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion:104 Resp: 509580
Ion Ratio Lower Upper
104 100
78 55.0 43.8 65.6
103 54.3 43.4 65.2





#71

Bromoform

Concen: 52.388 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 142723

Ion Ratio Lower Upper

173 100

175 47.7 25.1 75.3

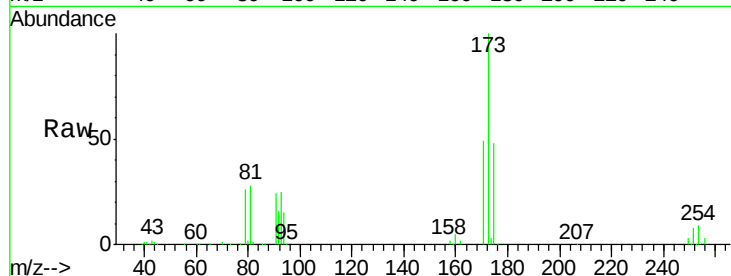
254 0.0 0.0 0.0

Manual Integrations

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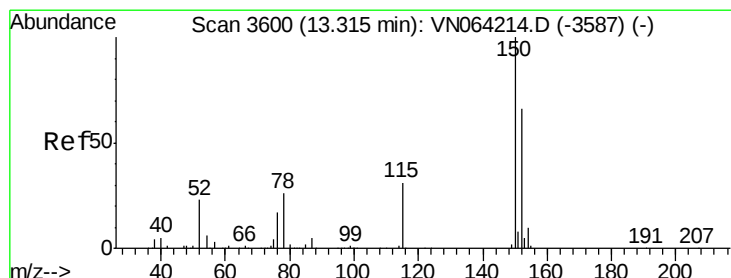
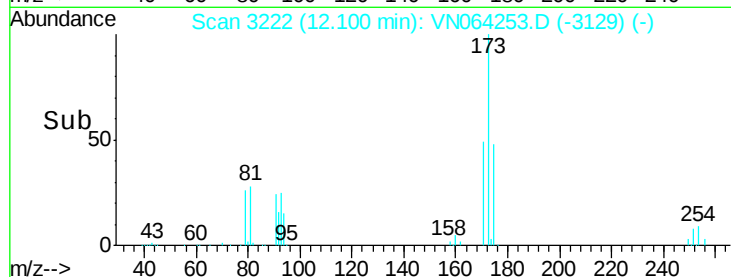
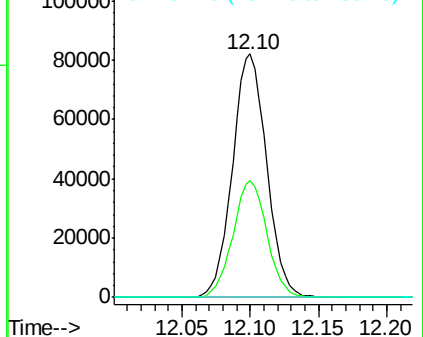
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

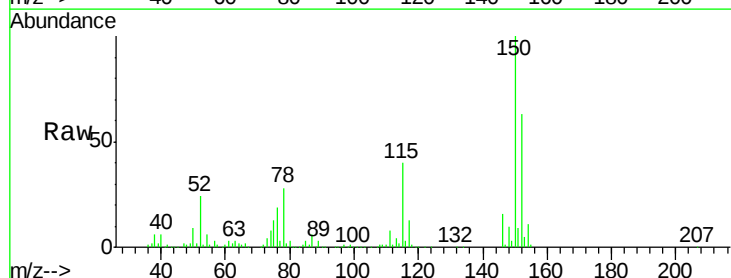
Tgt Ion:152 Resp: 213841

Ion Ratio Lower Upper

152 100

115 63.8 32.0 96.2

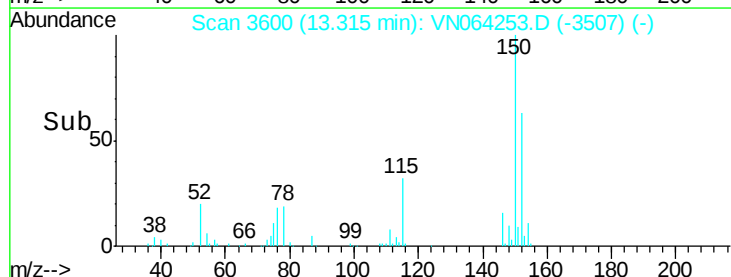
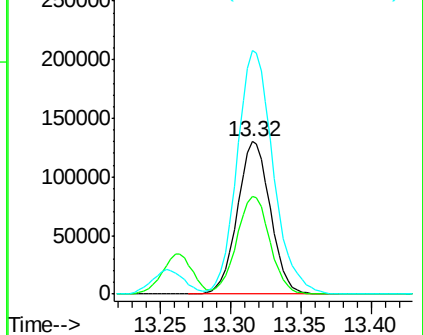
150 174.0 0.0 356.6

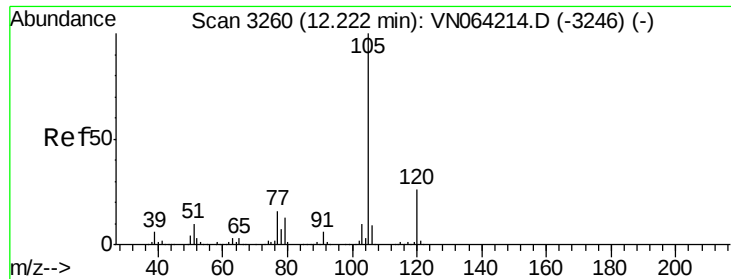


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.311 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 804246

Ion Ratio Lower Upper

105 100

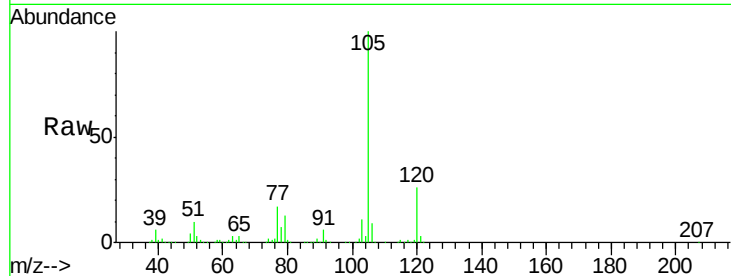
120 26.4 12.9 38.7

Manual Integrations

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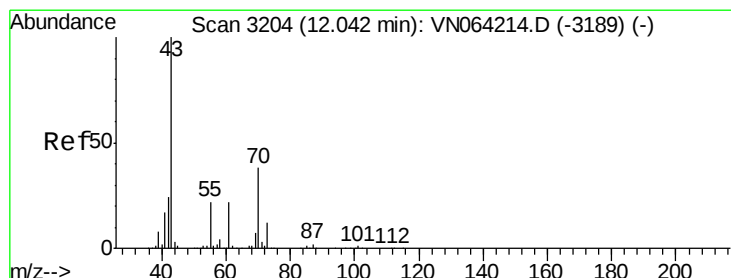
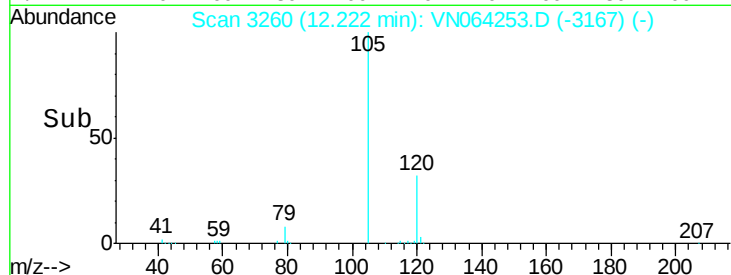
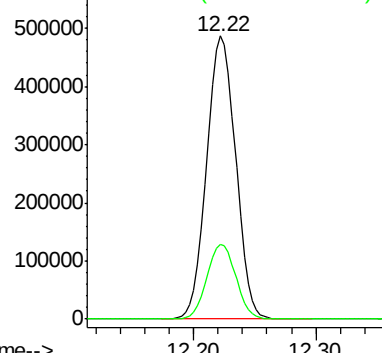
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.030 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion: 43 Resp: 345534

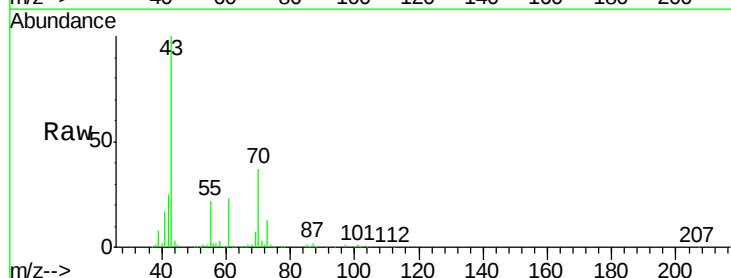
Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 22.4 18.0 27.0

61 22.5 17.4 26.2

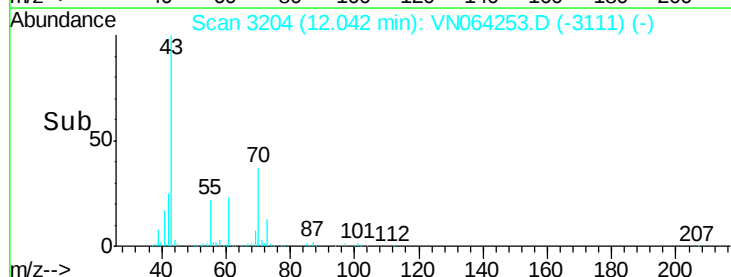
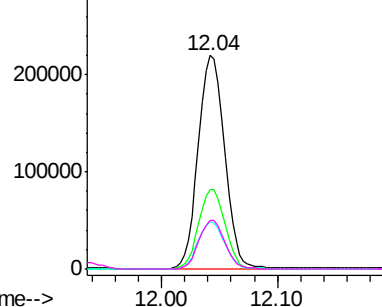


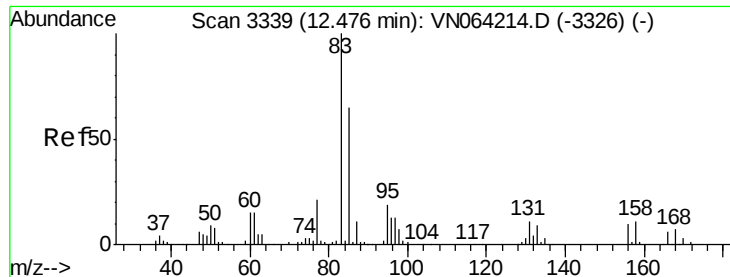
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.534 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 214385

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.7

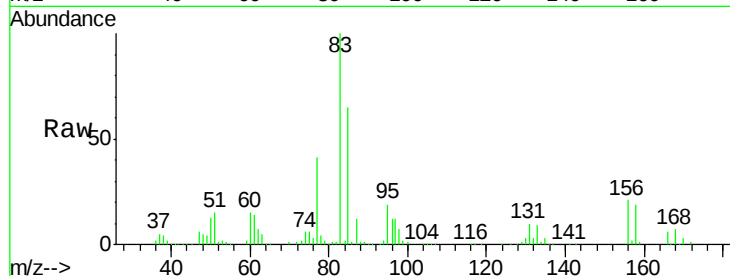
85 65.0 32.4 97.0

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Abundance Ion 82.90 (82.60 to 83.60): VN064253.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064253.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064253.D (-3246) (-)

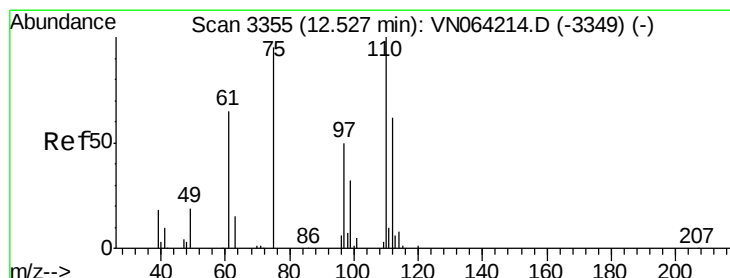
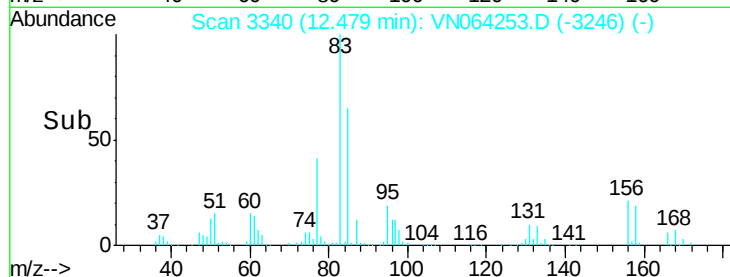
12.48

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 49.873 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064253.D

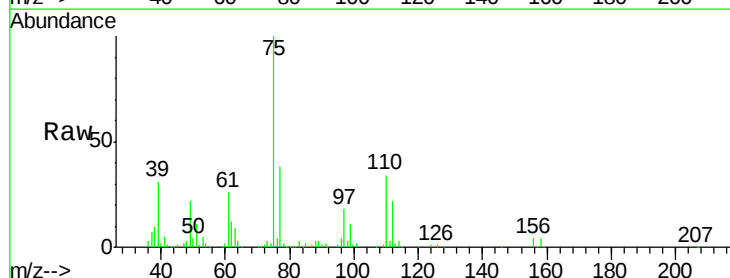
Acq: 22 Oct 2020 16:21

Tgt Ion: 75 Resp: 224835

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064253.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064253.D (-3262) (-)

250000

200000

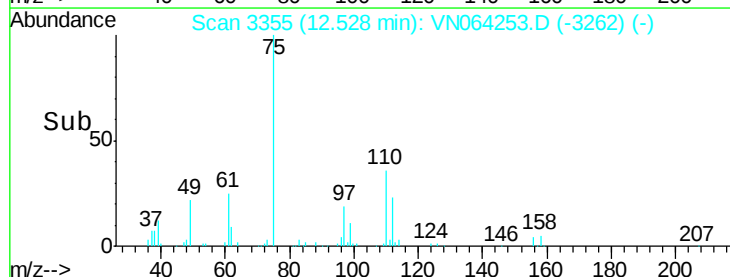
150000

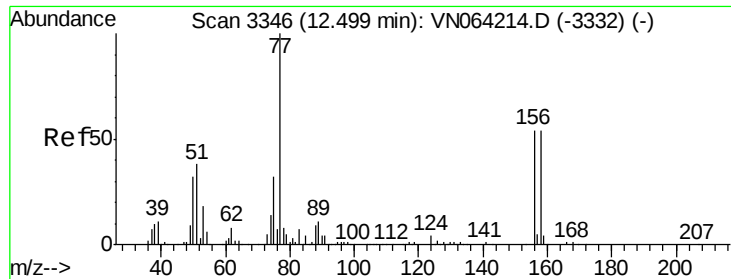
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 50.525 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

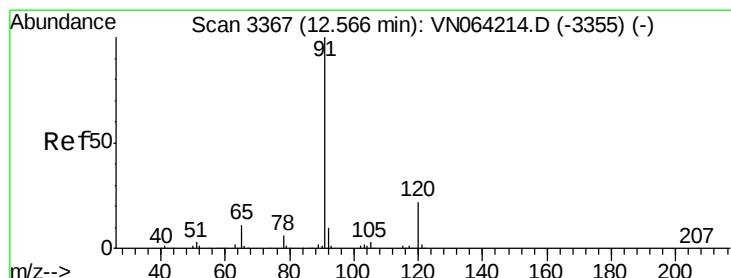
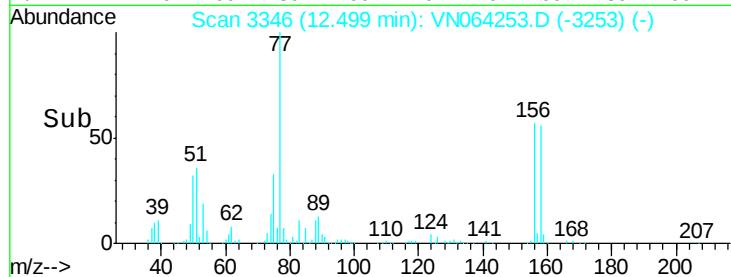
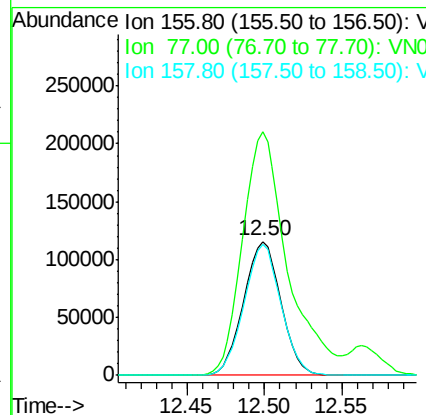
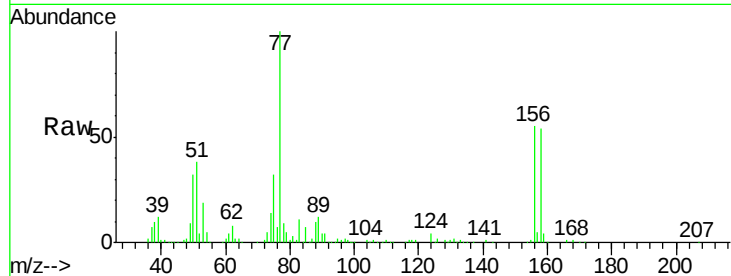
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	219.3	111.1	333.4
158	97.0	50.0	150.1

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#78

n-propylbenzene

Concen: 50.133 ug/l

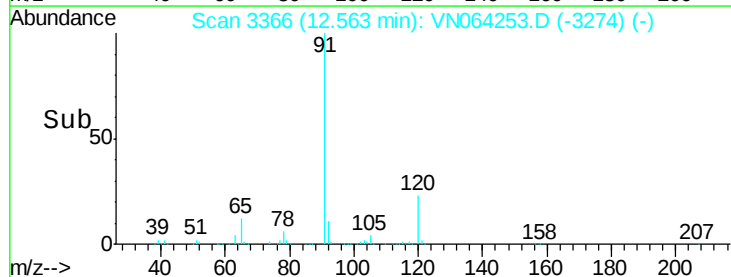
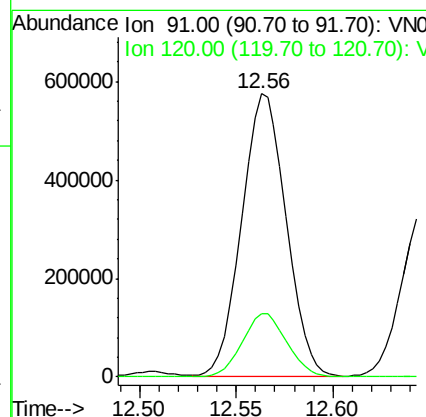
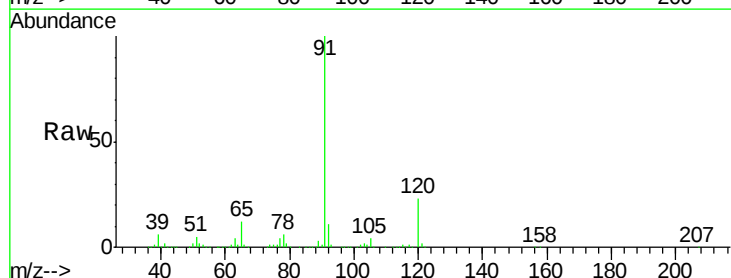
RT: 12.56 min Scan# 3366

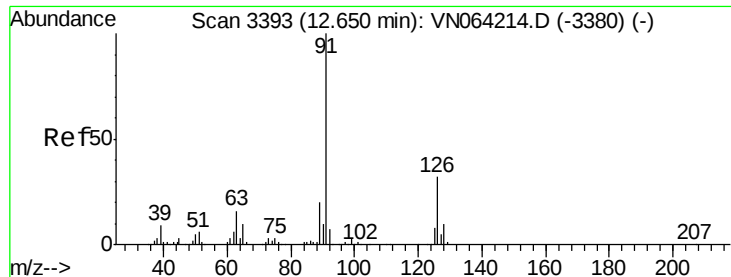
Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79

2-Chlorotoluene

Concen: 50.049 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 565297

Ion Ratio Lower Upper

91 100

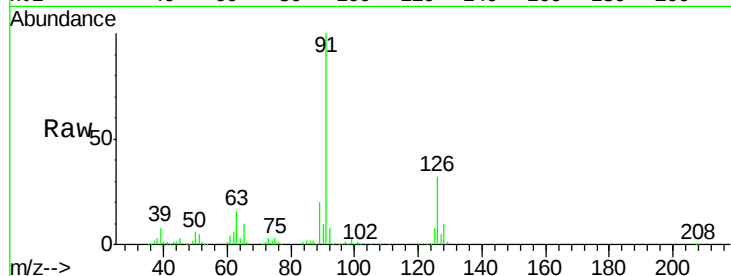
126 32.5 16.0 48.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064214.D (-3380) (-)

600000

400000

200000

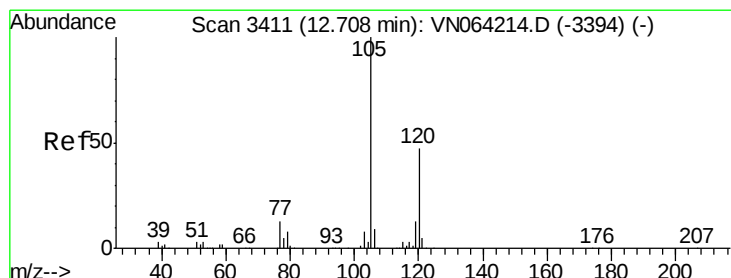
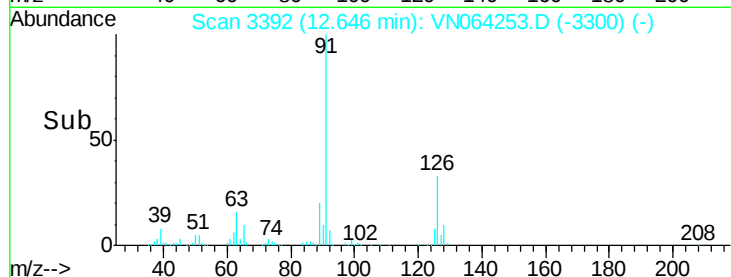
0

12.65

12.60

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.823 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064253.D

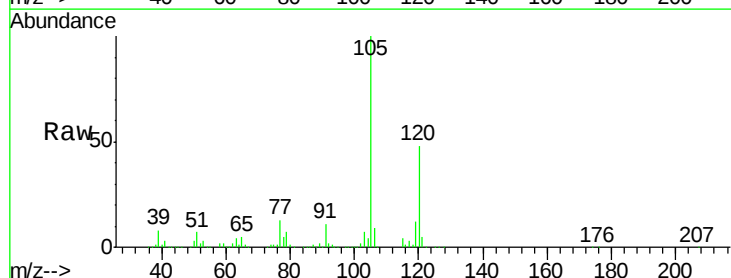
Acq: 22 Oct 2020 16:21

Tgt Ion: 105 Resp: 686969

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN064214.D (-3394) (-)

500000

400000

300000

200000

100000

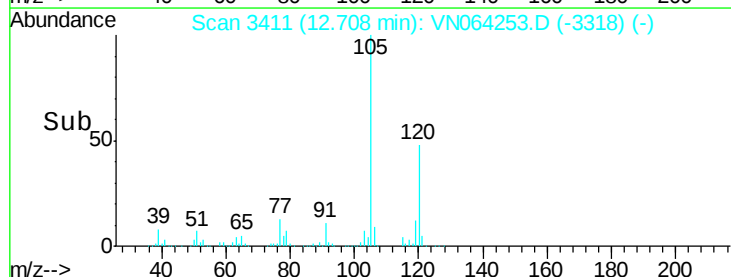
0

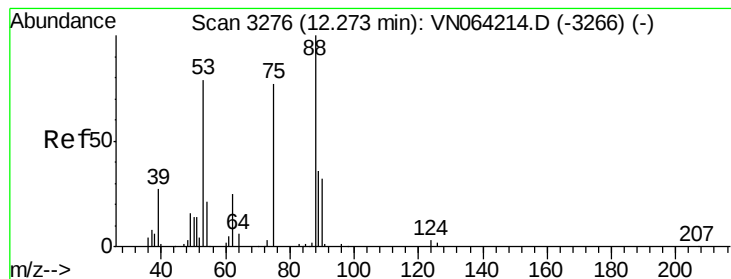
12.71

12.60

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.498 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

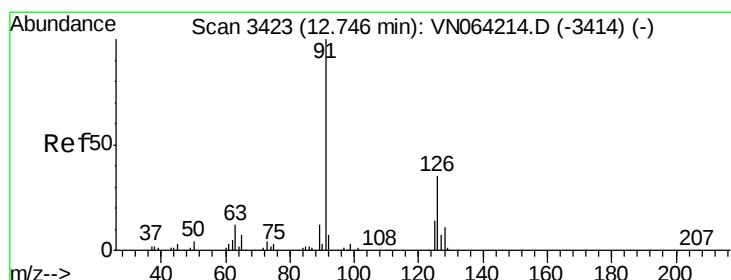
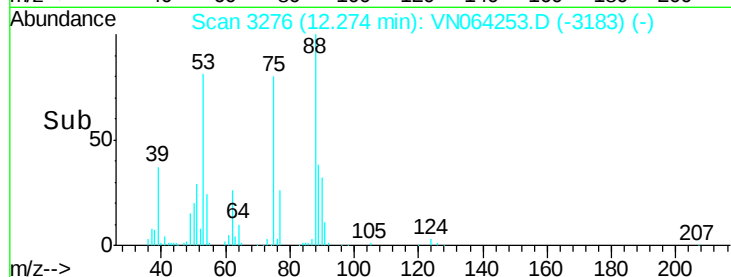
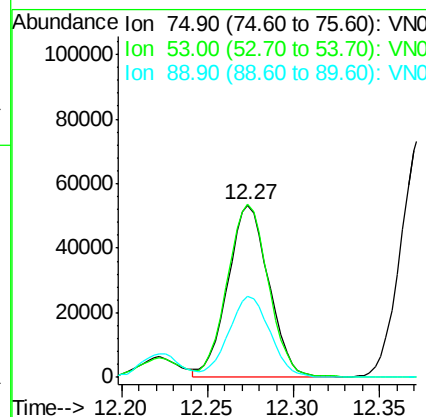
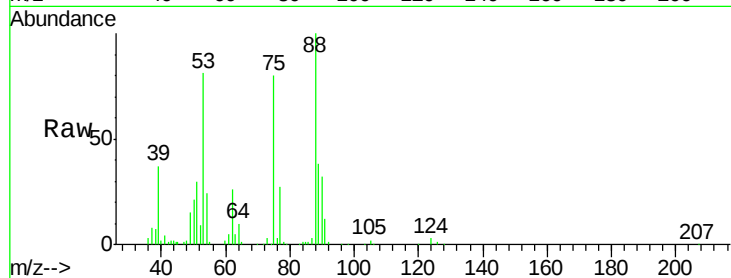
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	88384
Ion	Ratio	Lower	Upper
75	100		
53	101.9	81.0	121.4
89	47.5	38.7	58.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.344 ug/l

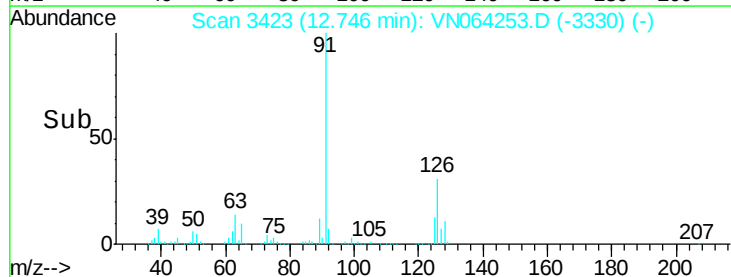
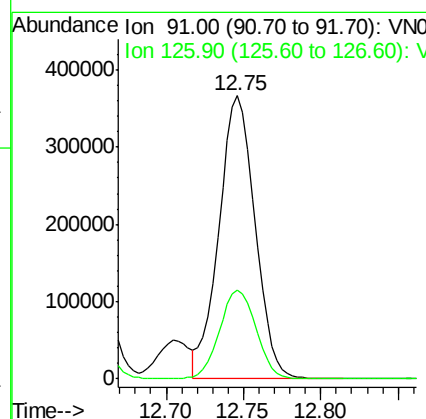
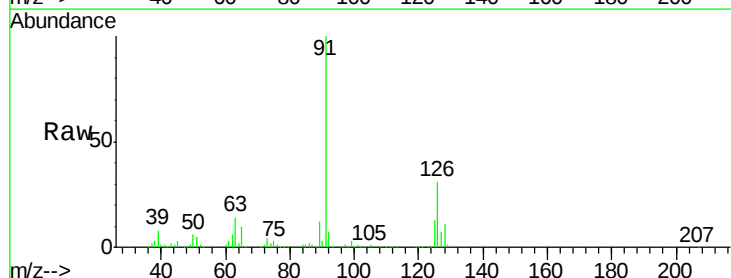
RT: 12.75 min Scan# 3423

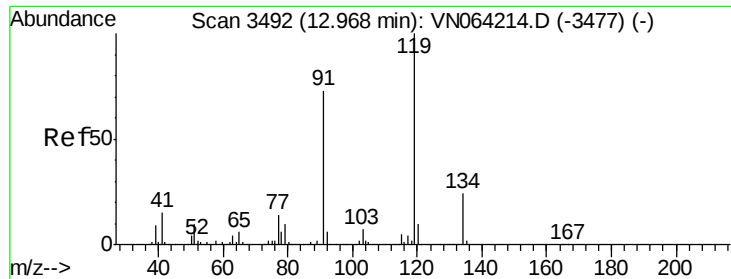
Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Tgt Ion:	91	Resp:	593147
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.8	47.3





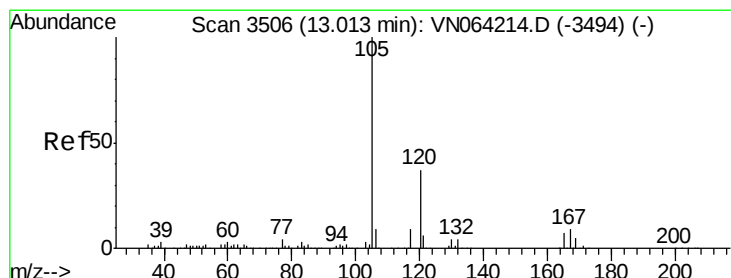
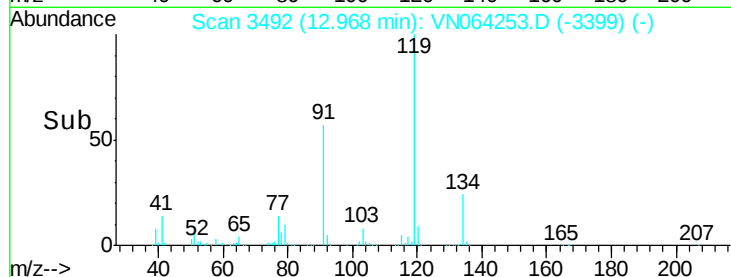
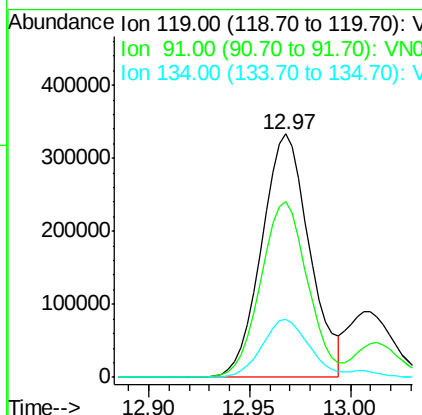
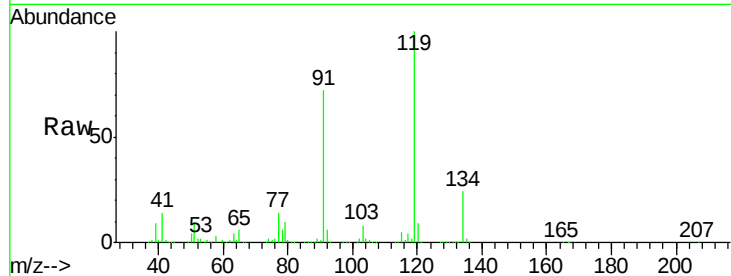
#83
tert-Butylbenzene
Concen: 48.710 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	35.1	105.3
134	23.5	11.6	34.8

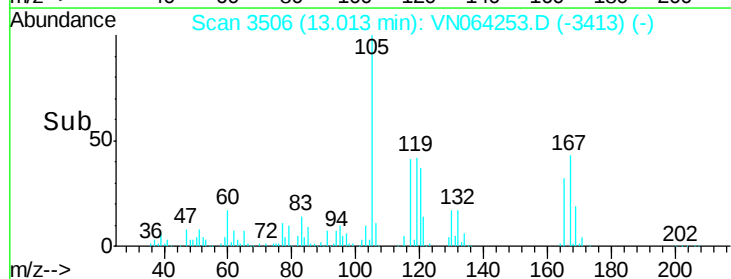
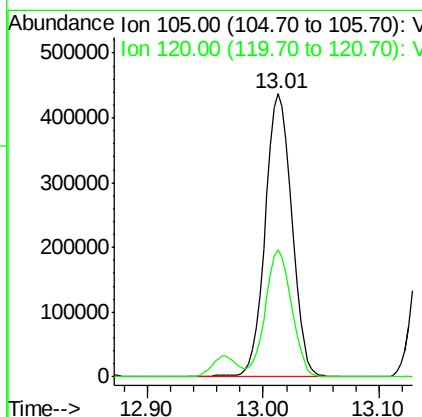
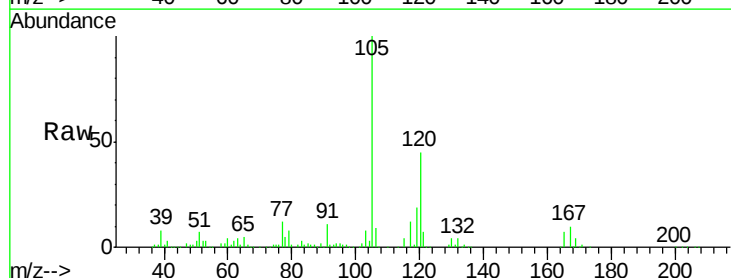
Manual Integrations
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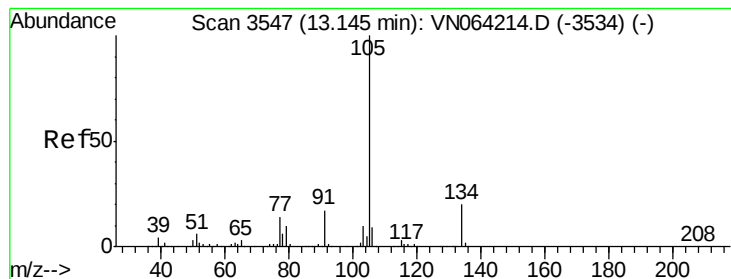
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.834 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.5	64.5





#85

sec-Butylbenzene

Concen: 50.681 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 722292

Ion Ratio Lower Upper

105 100

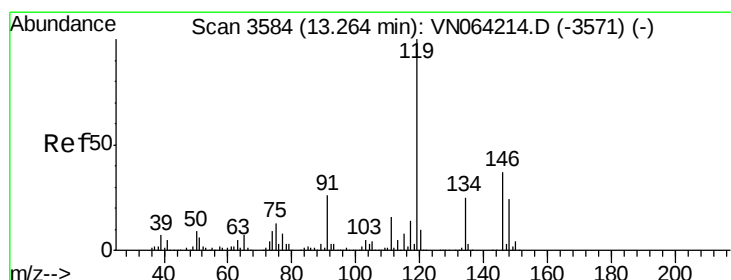
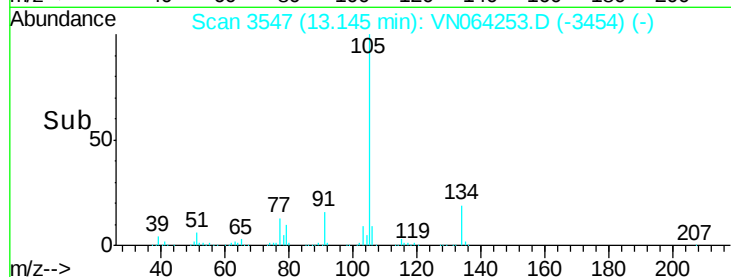
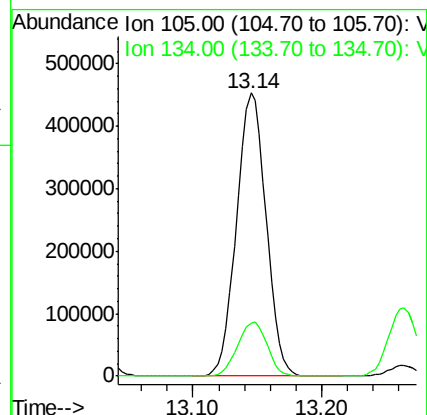
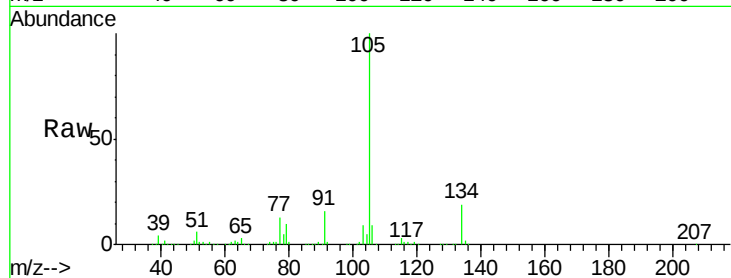
134 19.2 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 51.531 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064253.D

Acq: 22 Oct 2020 16:21

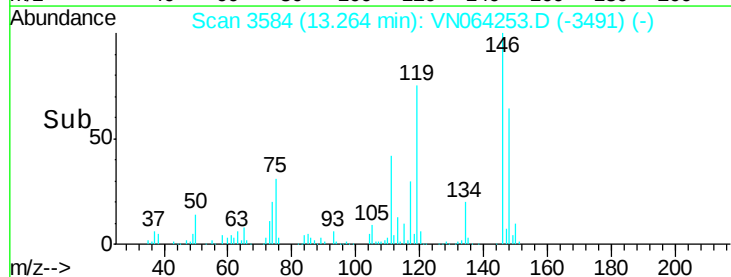
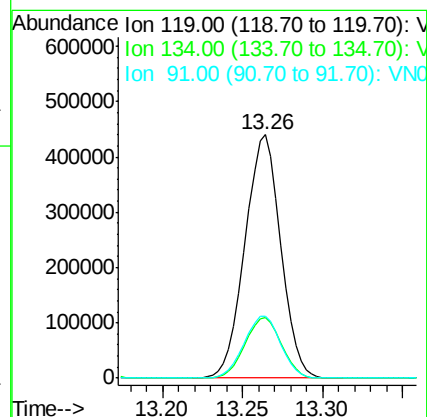
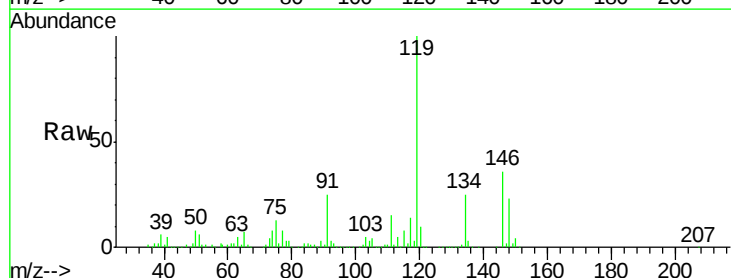
Tgt Ion:119 Resp: 668767

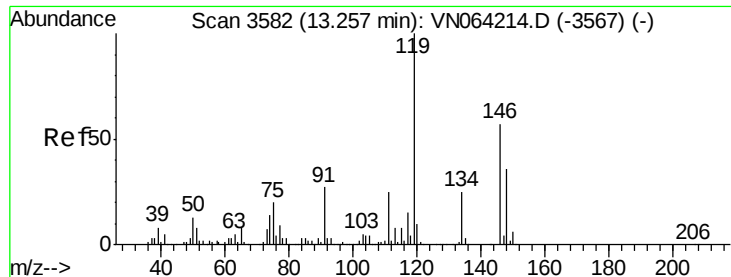
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 26.2 13.4 40.2





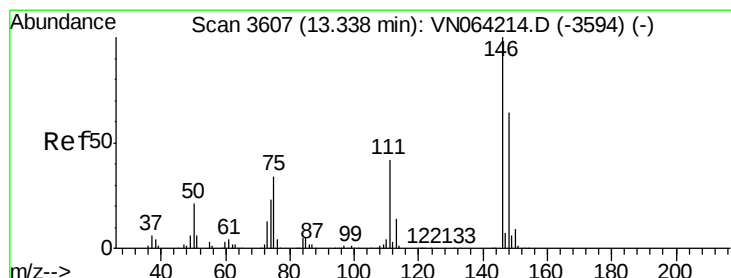
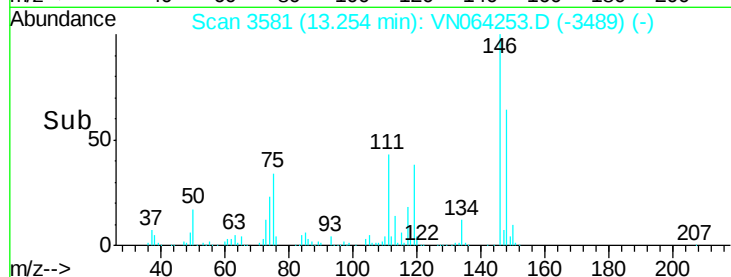
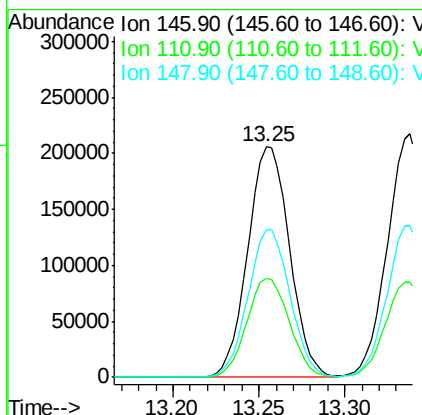
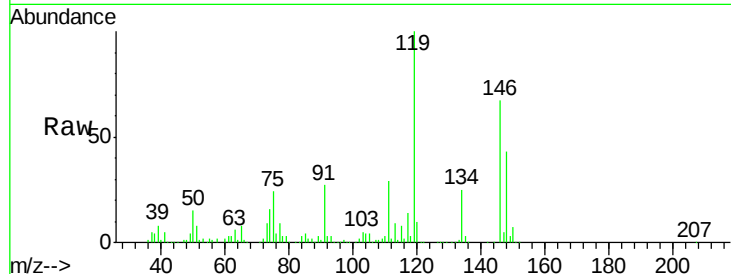
#87
 1,3-Dichlorobenzene
 Concen: 50.792 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	64.3	31.7	95.1

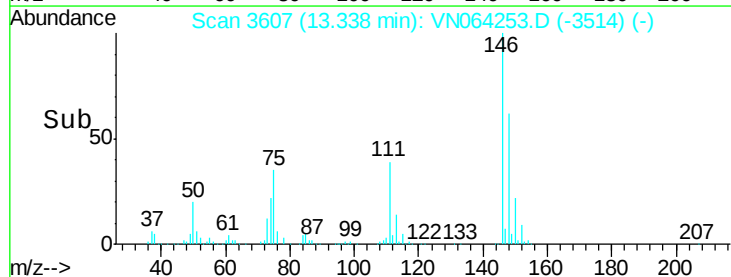
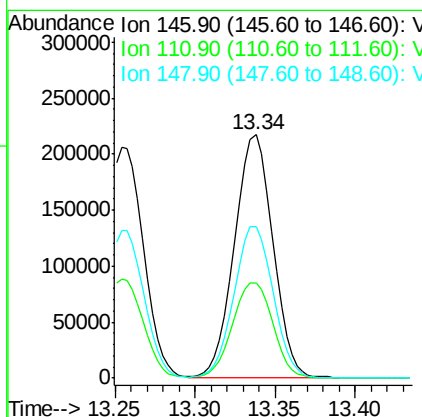
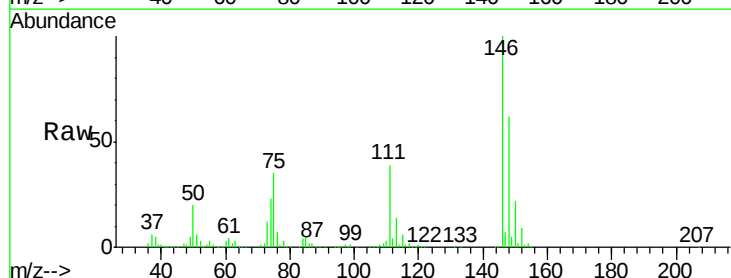
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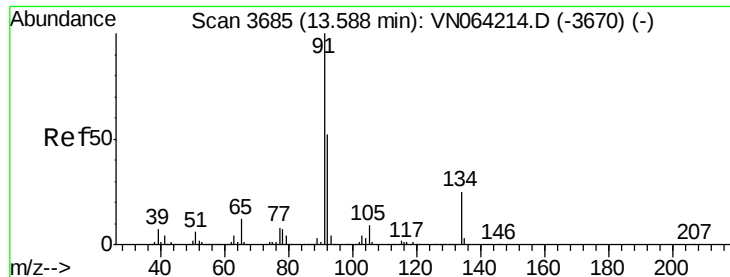
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#88
 1,4-Dichlorobenzene
 Concen: 50.703 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.5	64.5
148	63.6	32.0	96.0





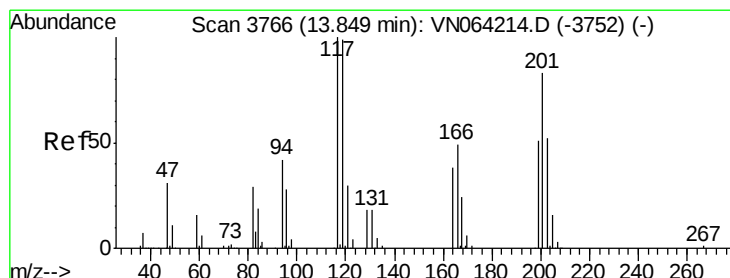
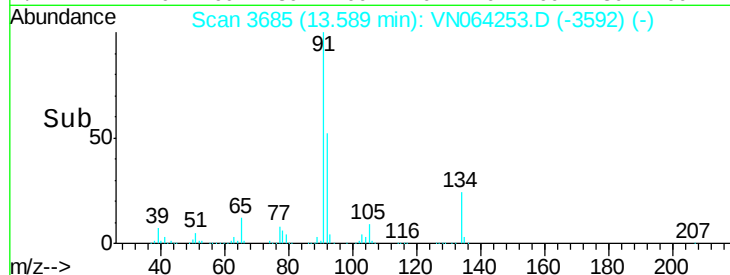
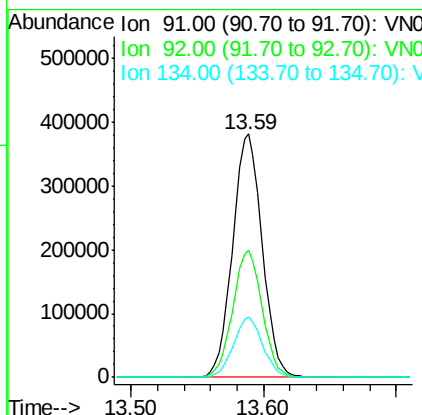
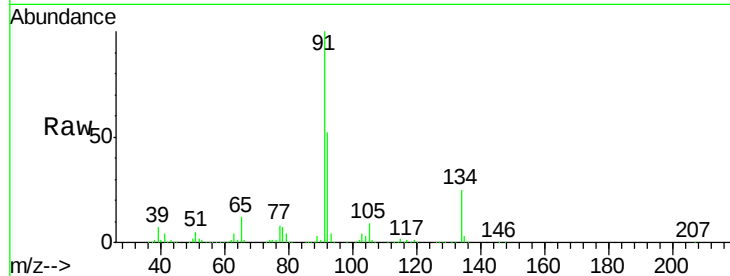
#89
n-Butylbenzene
Concen: 50.698 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.7	77.0
134	24.5	12.3	36.8

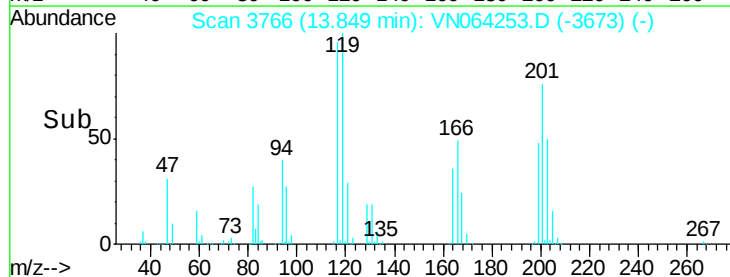
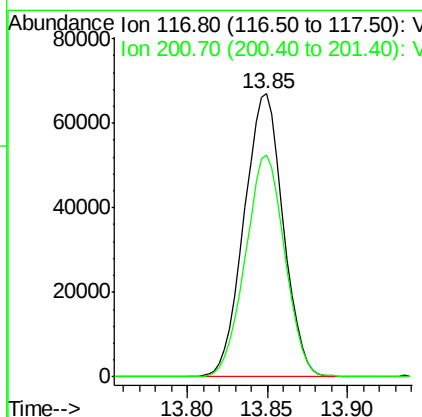
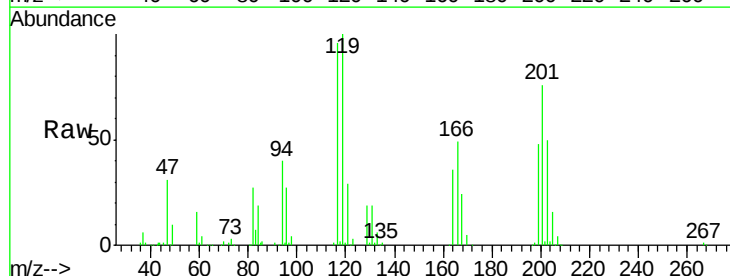
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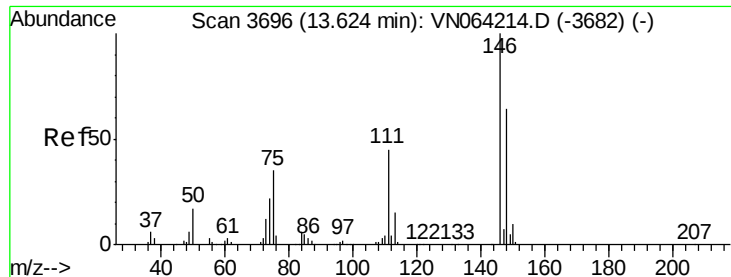
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#90
Hexachloroethane
Concen: 47.720 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.1	120.3





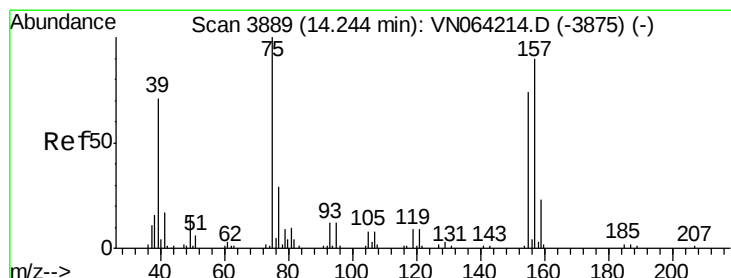
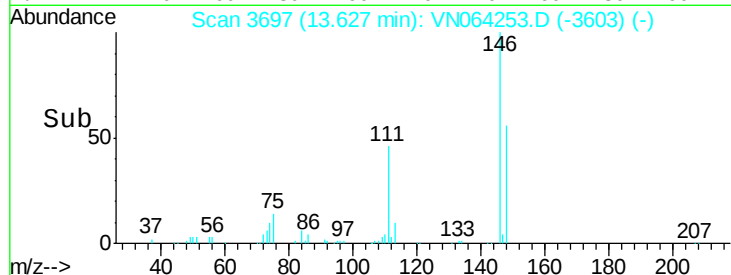
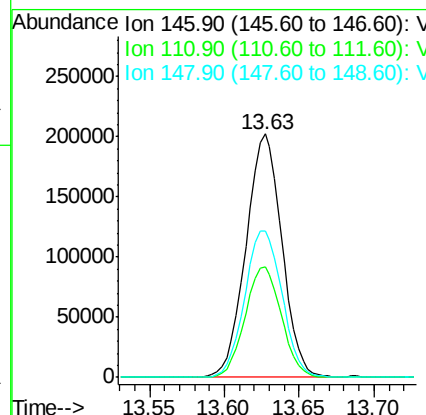
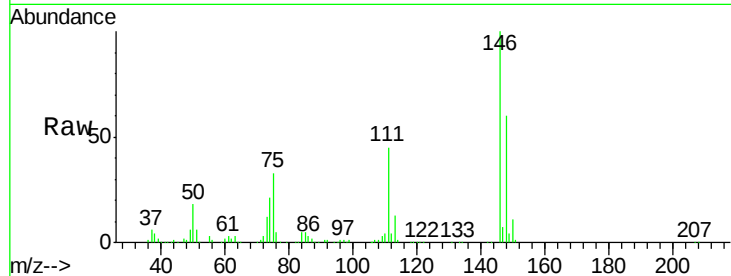
#91
 1,2-Dichlorobenzene
 Concen: 50.318 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	62.7	31.9	95.5

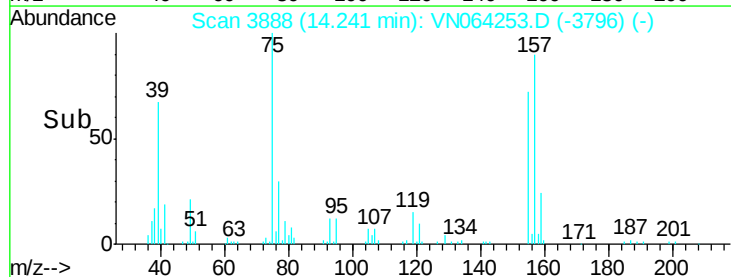
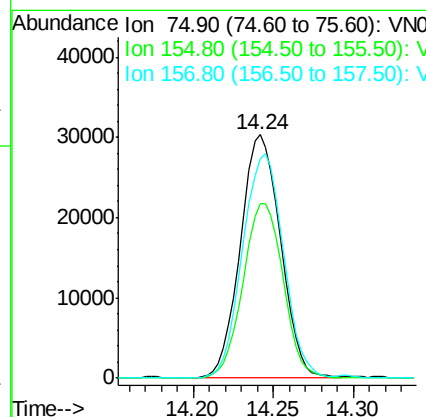
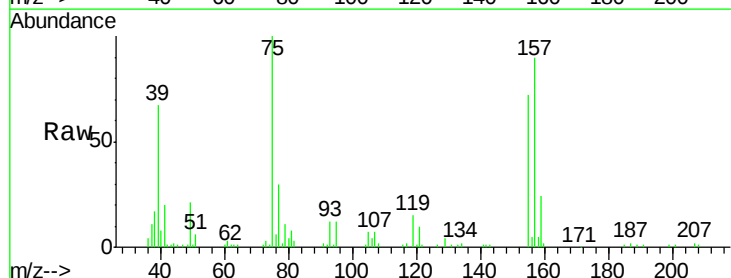
Manual Integrations
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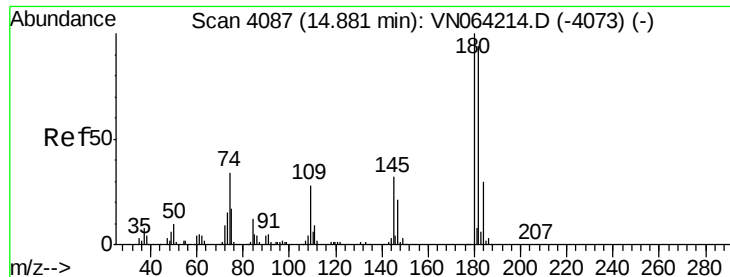
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.242 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.4	36.9	110.7
157	93.8	44.6	133.8





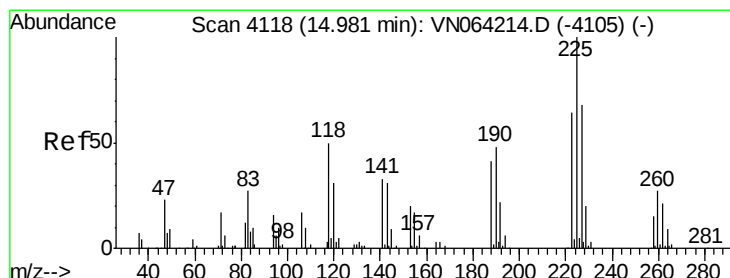
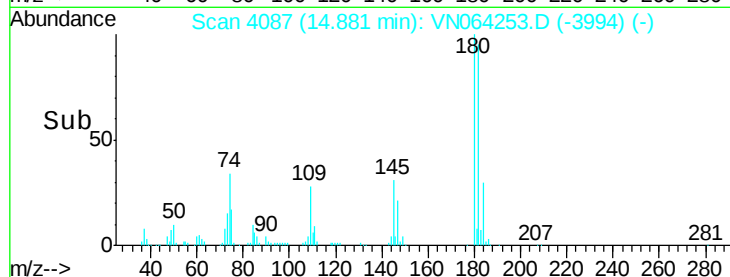
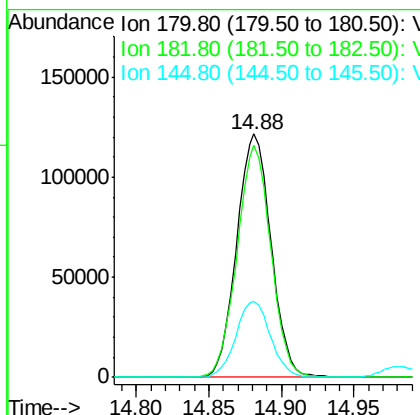
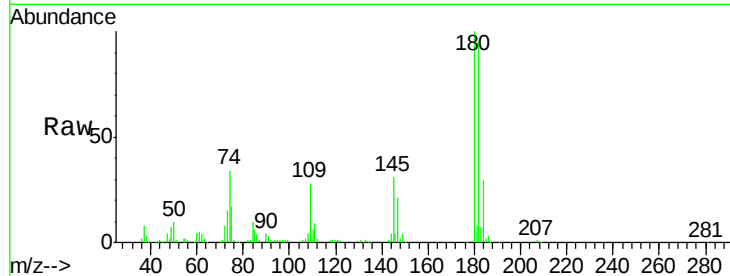
#93
 1,2,4-Trichlorobenzene
 Concen: 53.132 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	200288		
182	93.7	46.9	140.7	
145	31.5	16.1	48.3	

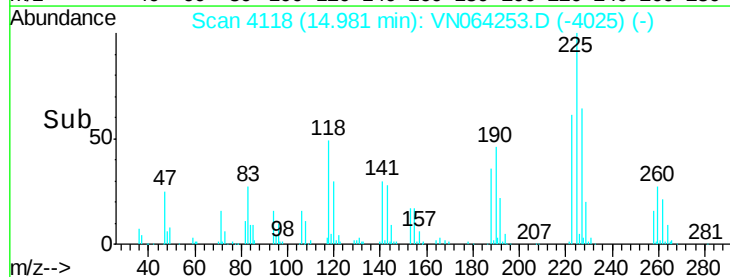
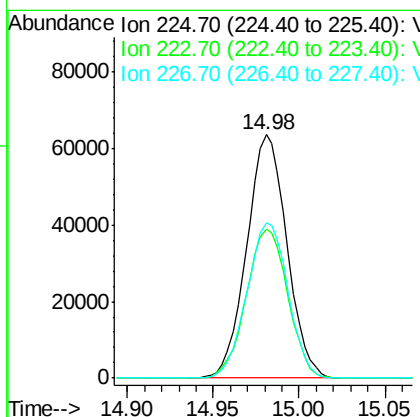
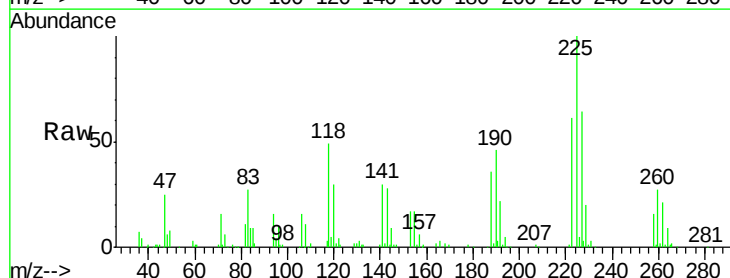
Manual Integrations
 APPROVED

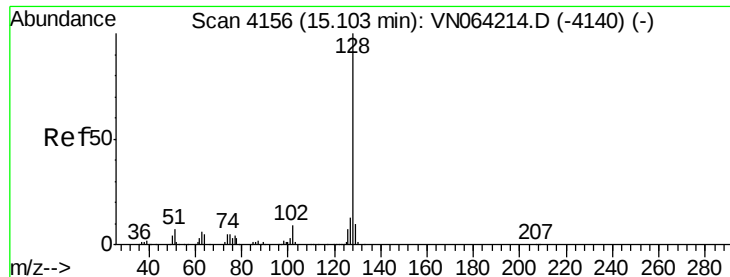
MMDadoda
 10/23/2020 3:41:10 PM



#94
 Hexachlorobutadiene
 Concen: 50.609 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064253.D
 Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102897		
223	63.3	31.5	94.5	
227	65.2	32.1	96.5	





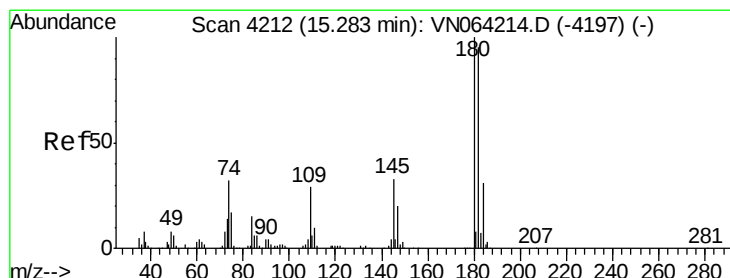
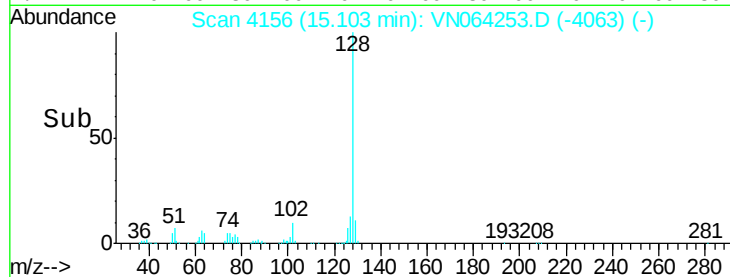
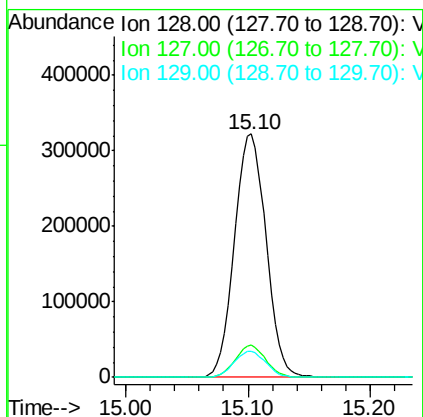
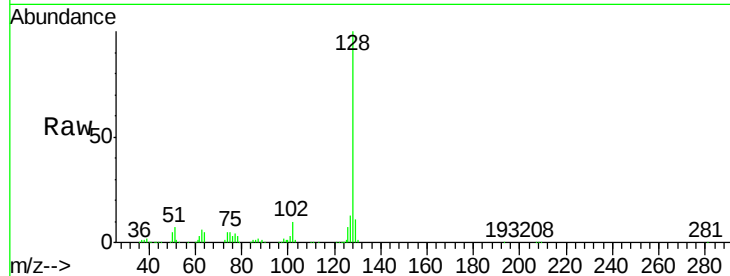
#95
Naphthalene
Concen: 51.234 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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10/23/2020 3:41:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.786 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064253.D
Acq: 22 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	33.3	17.1	51.3

