

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075504.D
 Acq On : 13 Mar 2023 11:24
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 05:55:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	133087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	218583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	197072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58629	48.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.804	113	73867	49.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.680%
50) Toluene-d8	10.269	98	303776	51.365	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.575	95	84861	49.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	55943	42.152	ug/l	99
3) Chloromethane	2.146	50	91934	45.744	ug/l	97
4) Vinyl Chloride	2.287	62	138961	43.508	ug/l	97
5) Bromomethane	2.693	94	106958	42.746	ug/l	97
6) Chloroethane	2.840	64	91912	42.963	ug/l	98
7) Trichlorofluoromethane	3.181	101	111982	43.501	ug/l	99
8) Diethyl Ether	3.599	74	30941	45.026	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.969	101	72717	43.414	ug/l	96
10) Methyl Iodide	4.163	142	91755	45.918	ug/l	92
11) Tert butyl alcohol	5.052	59	13073	234.436	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	72397	43.767	ug/l	86
13) Acrolein	3.799	56	23563	212.357	ug/l	100
14) Allyl chloride	4.563	41	61633	43.305	ug/l #	81
15) Acrylonitrile	5.258	53	56494	224.193	ug/l	97
16) Acetone	4.022	43	60189	297.052	ug/l #	77
17) Carbon Disulfide	4.269	76	212195	42.517	ug/l	98
18) Methyl Acetate	4.563	43	28722	44.926	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	131012	45.672	ug/l	95
20) Methylene Chloride	4.805	84	82682	47.858	ug/l #	74
21) trans-1,2-Dichloroethene	5.310	96	82048	43.632	ug/l #	76
22) Diisopropyl ether	6.216	45	138922	45.035	ug/l #	86
23) Vinyl Acetate	6.157	43	340224	227.262	ug/l #	84
24) 1,1-Dichloroethane	6.110	63	115988	43.409	ug/l	95
25) 2-Butanone	7.081	43	71262	253.072	ug/l #	66
26) 2,2-Dichloropropane	7.081	77	108830	44.284	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	90314	44.820	ug/l	78
28) Bromochloromethane	7.428	49	39216	45.526	ug/l #	39
29) Tetrahydrofuran	7.446	42	35140	229.289	ug/l #	55
30) Chloroform	7.599	83	129947	43.790	ug/l	94
31) Cyclohexane	7.881	56	89648	41.678	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	115853	44.524	ug/l	94
36) 1,1-Dichloropropene	8.010	75	100799	45.434	ug/l	93
37) Ethyl Acetate	7.169	43	25944	44.881	ug/l #	77
38) Carbon Tetrachloride	7.993	117	96721	45.499	ug/l	95
39) Methylcyclohexane	9.275	83	123675	44.213	ug/l #	86
40) Benzene	8.251	78	297532	44.749	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13750	45.140	ug/l #	65
42) 1,2-Dichloroethane	8.328	62	65443	44.715	ug/l	91
43) Isopropyl Acetate	8.363	43	48691	45.521	ug/l #	77
44) Trichloroethene	9.034	130	86495	44.263	ug/l	90
45) 1,2-Dichloropropane	9.304	63	65011	45.484	ug/l	98
46) Dibromomethane	9.398	93	40456	45.923	ug/l	95
47) Bromodichloromethane	9.587	83	95502	44.770	ug/l	97
48) Methyl methacrylate	9.381	41	23475	46.716	ug/l #	59
49) 1,4-Dioxane	9.381	88	7607	951.894	ug/l #	73
51) 4-Methyl-2-Pentanone	10.163	43	132706	238.560	ug/l #	78
52) Toluene	10.334	92	197212	45.772	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	87488	45.591	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	107545	45.634	ug/l #	77
55) 1,1,2-Trichloroethane	10.740	97	56867	45.599	ug/l #	87
56) Ethyl methacrylate	10.598	69	56664	47.721	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	87213	45.441	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	139862	240.675	ug/l #	84
59) 2-Hexanone	10.922	43	104833	266.485	ug/l	71
60) Dibromochloromethane	11.081	129	68092	46.213	ug/l	98
61) 1,2-Dibromoethane	11.181	107	53945	45.930	ug/l	98
64) Tetrachloroethene	10.810	164	72522	46.630	ug/l	97
65) Chlorobenzene	11.610	112	207769	44.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	73265	45.757	ug/l	94
67) Ethyl Benzene	11.687	91	370151	45.986	ug/l	96
68) m/p-Xylenes	11.798	106	305266	94.359	ug/l	91
69) o-Xylene	12.122	106	140058	46.616	ug/l	92
70) Styrene	12.140	104	240795	48.181	ug/l	93
71) Bromoform	12.304	173	38363	46.921	ug/l #	95
73) Isopropylbenzene	12.422	105	364014	46.464	ug/l	99
74) N-amyl acetate	12.240	43	45421	46.803	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	59345	44.665	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	36560m	45.567	ug/l	
77) Bromobenzene	12.704	156	83634	44.904	ug/l	88
78) n-propylbenzene	12.769	91	439794	46.200	ug/l	97
79) 2-Chlorotoluene	12.851	91	230976	44.778	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	295736	46.034	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	17303	45.362	ug/l #	76
82) 4-Chlorotoluene	12.951	91	238217	44.755	ug/l	91
83) tert-Butylbenzene	13.169	119	262565	47.025	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	295707	47.627	ug/l	94
85) sec-Butylbenzene	13.351	105	396900	45.917	ug/l	98
86) p-Isopropyltoluene	13.463	119	333696	47.244	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	177668	46.148	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	170117	44.668	ug/l	97
89) n-Butylbenzene	13.792	91	302100	46.636	ug/l	98
90) Hexachloroethane	14.057	117	61972	45.438	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	148309	45.522	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7184	42.965	ug/l	63
93) 1,2,4-Trichlorobenzene	15.104	180	84516	44.484	ug/l	98
94) Hexachlorobutadiene	15.210	225	41086	45.341	ug/l	98
95) Naphthalene	15.333	128	160515	46.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	73042	44.554	ug/l	99

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QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

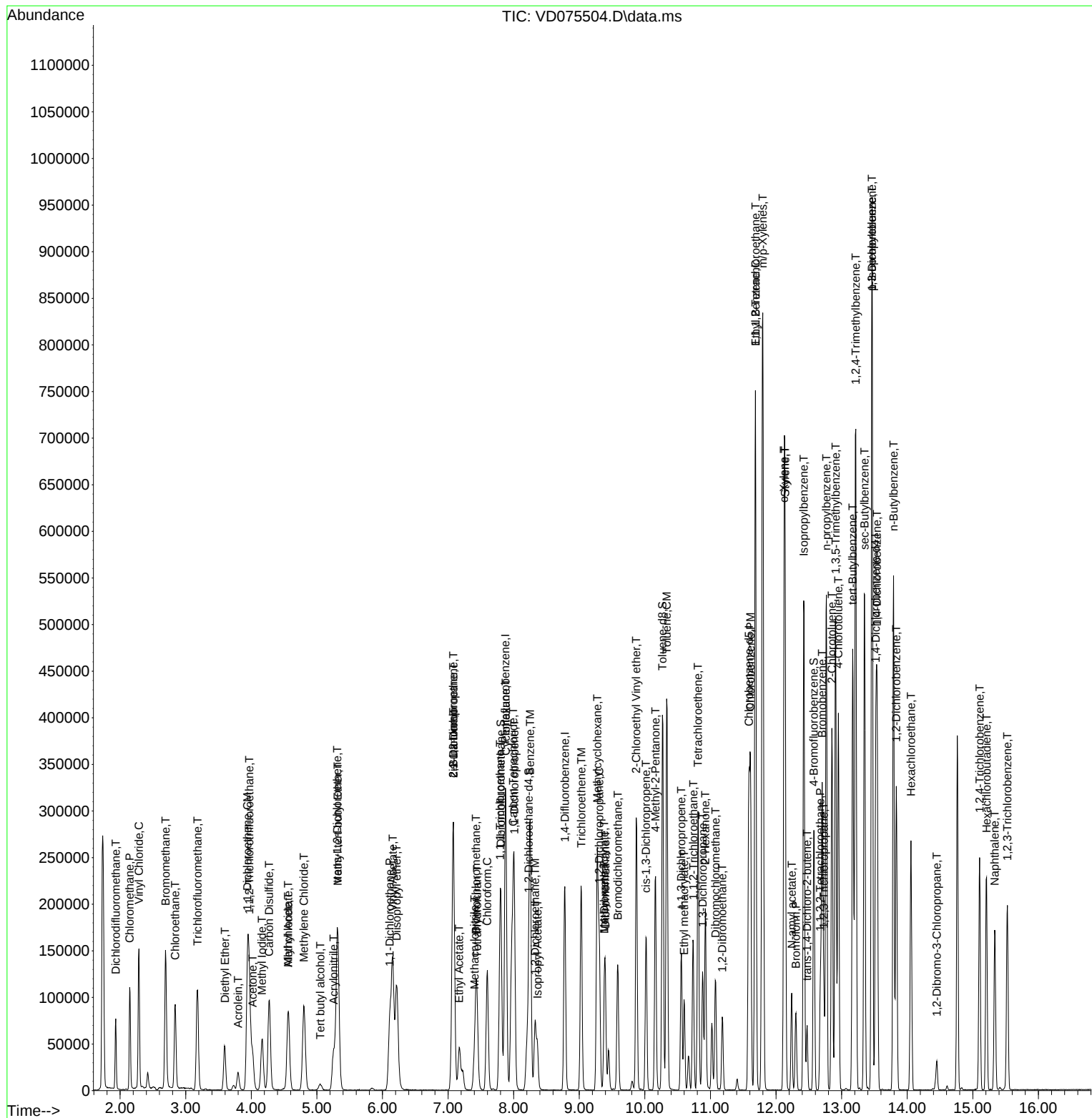
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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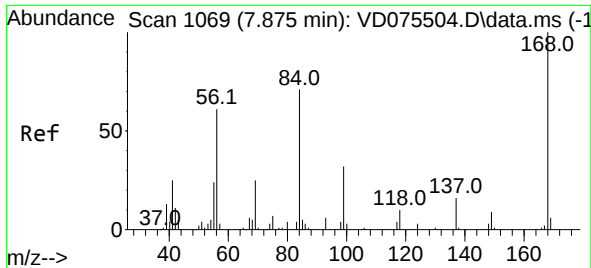
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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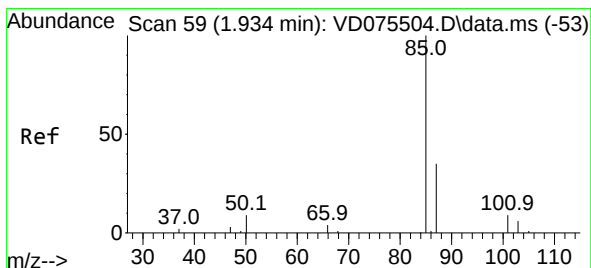
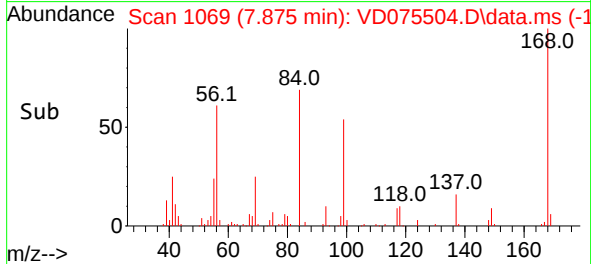
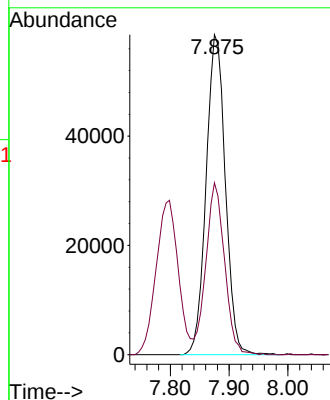
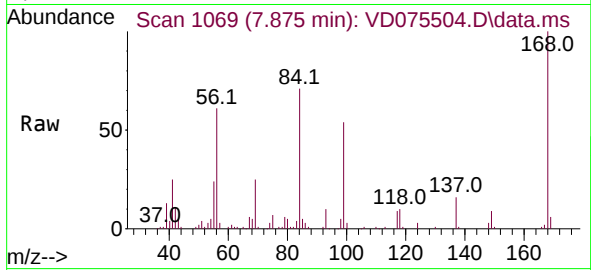




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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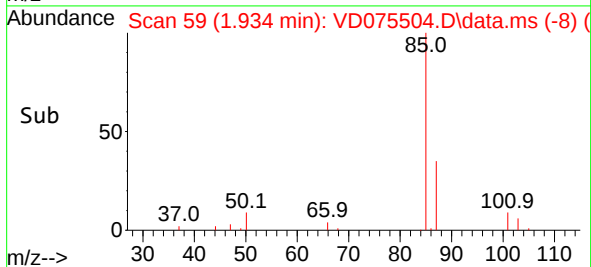
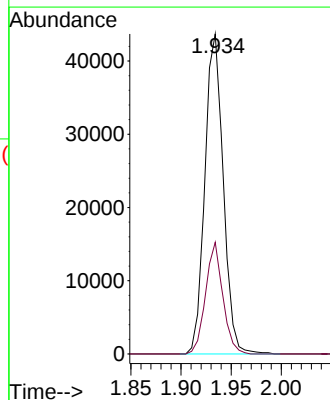
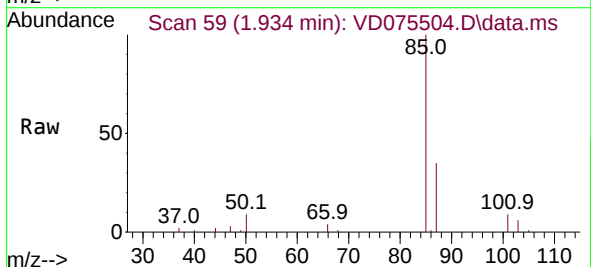
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ClientSampleId :
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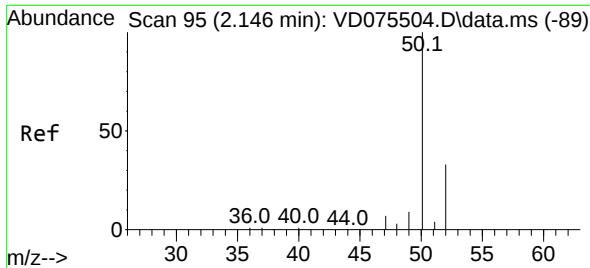
Tgt Ion:168 Resp: 133087
Ion Ratio Lower Upper
168 100
99 53.7 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 42.152 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 85 Resp: 55943
Ion Ratio Lower Upper
85 100
87 34.9 17.3 51.7

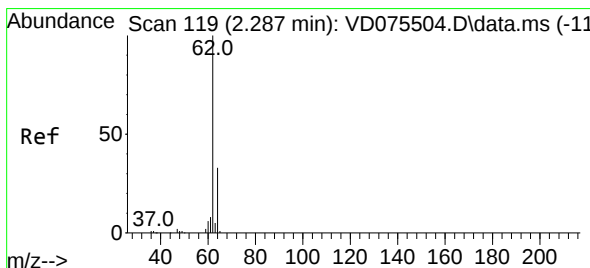
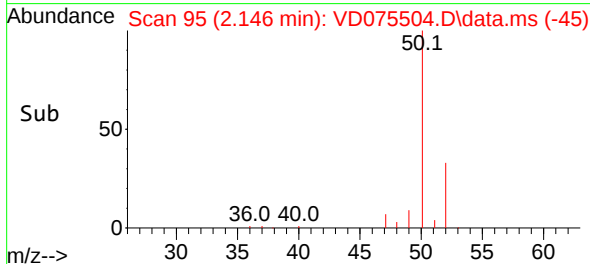
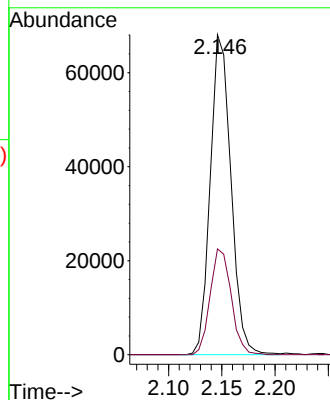
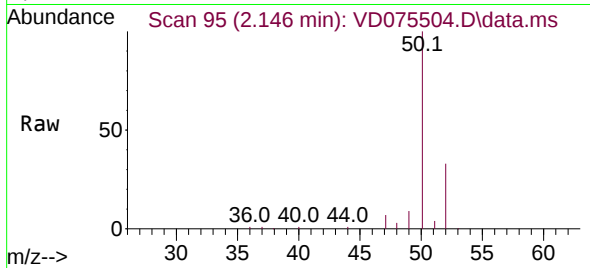




#3
Chloromethane
Concen: 45.744 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

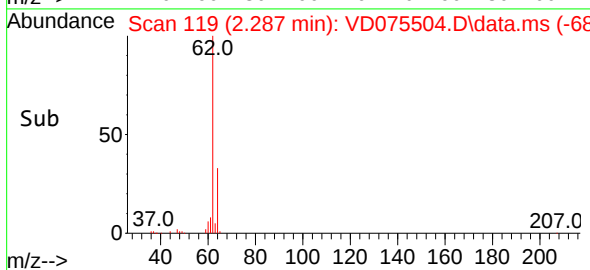
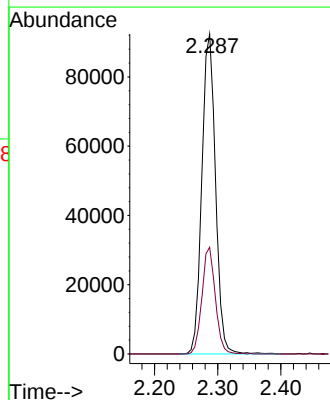
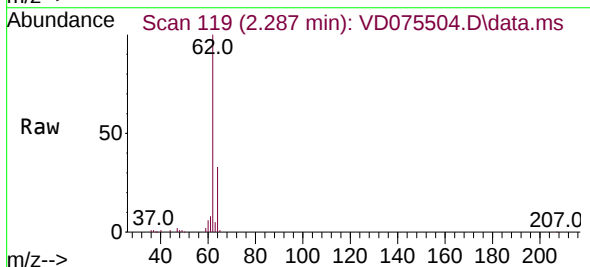
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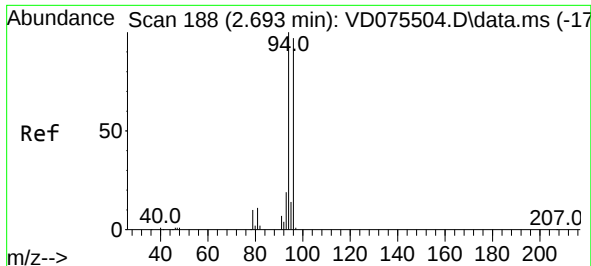
Tgt Ion: 50 Resp: 91934
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8



#4
Vinyl Chloride
Concen: 43.508 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 62 Resp: 138961
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0

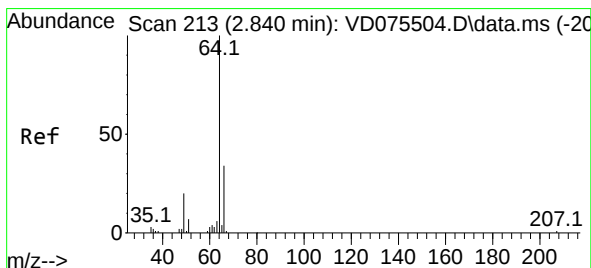
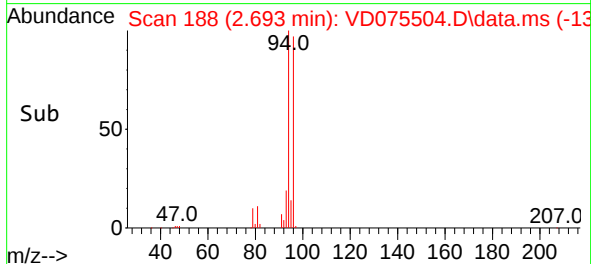
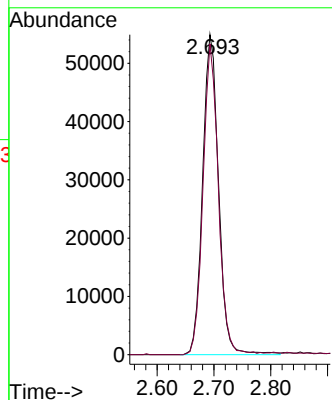
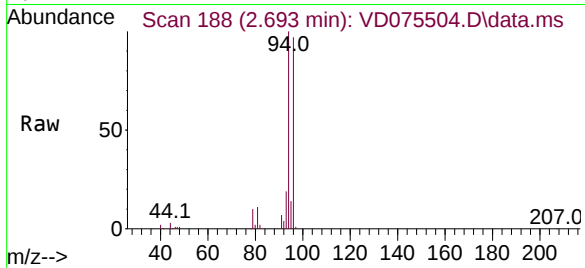




#5
Bromomethane
Concen: 42.746 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

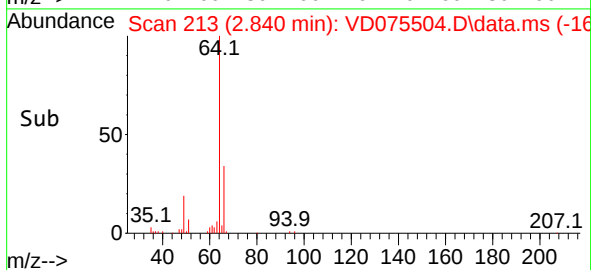
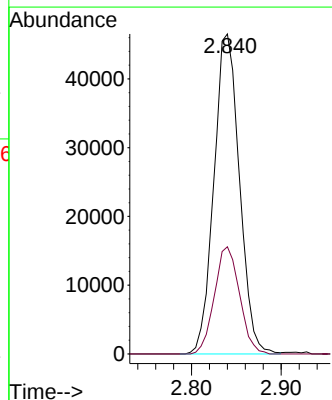
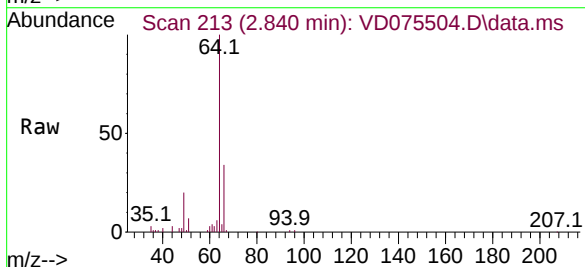
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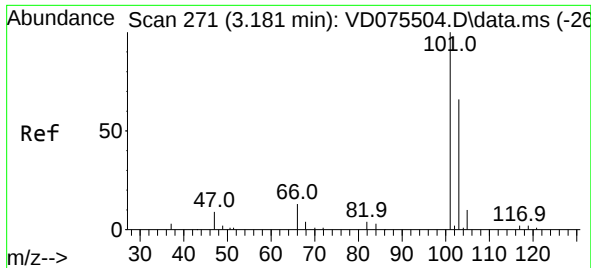
Tgt Ion: 94 Resp: 106958
Ion Ratio Lower Upper
94 100
96 93.8 77.5 116.3



#6
Chloroethane
Concen: 42.963 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 64 Resp: 91912
Ion Ratio Lower Upper
64 100
66 33.5 27.7 41.5

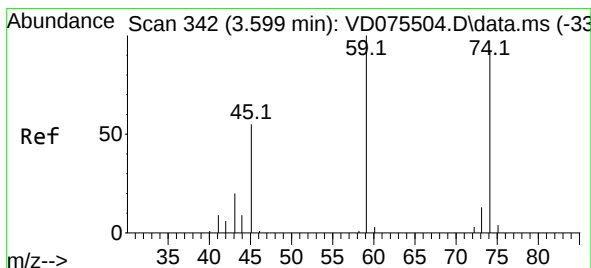
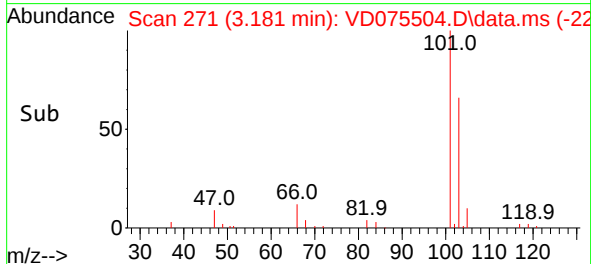
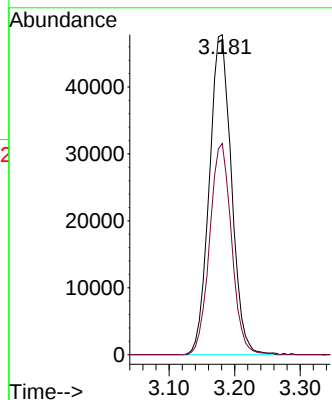
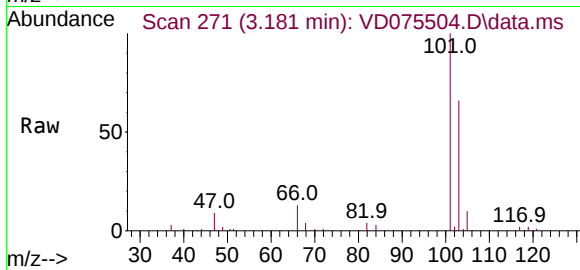




#7
 Trichlorofluoromethane
 Concen: 43.501 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

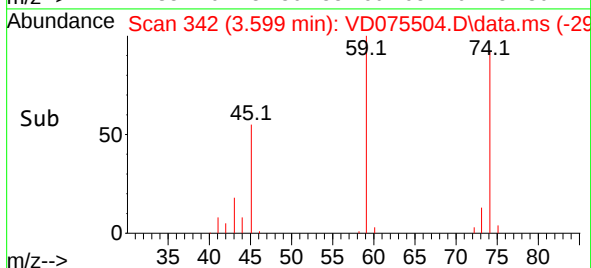
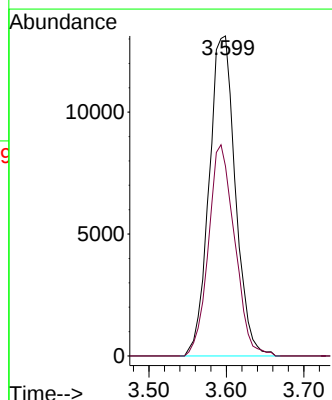
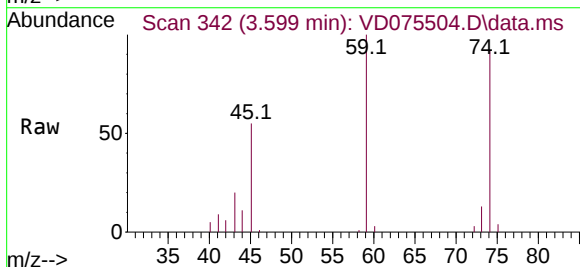
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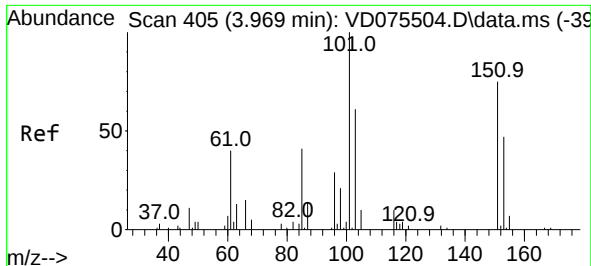
Tgt Ion:101 Resp: 111982
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.026 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

Tgt Ion: 74 Resp: 30941
 Ion Ratio Lower Upper
 74 100
 45 65.7 50.9 152.7

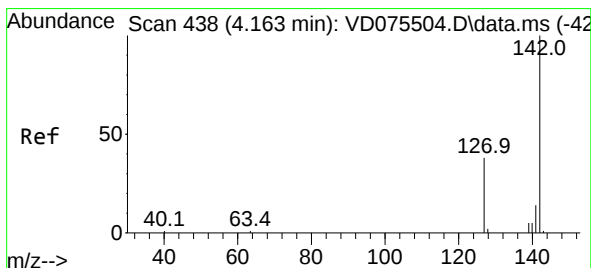
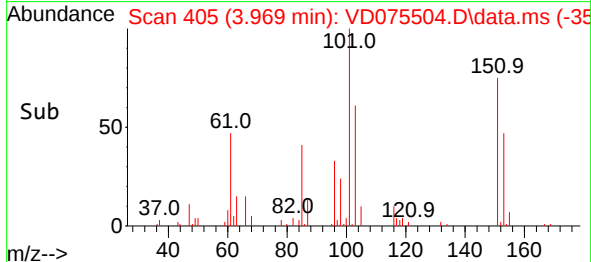
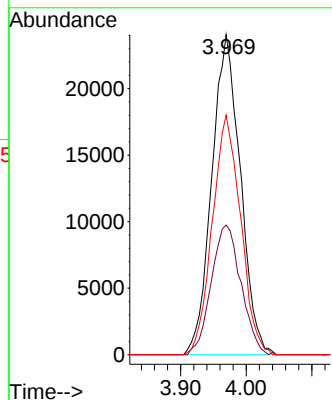
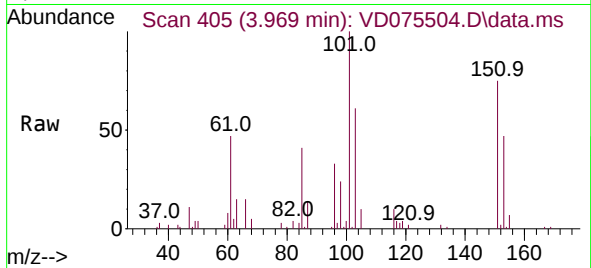




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.414 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

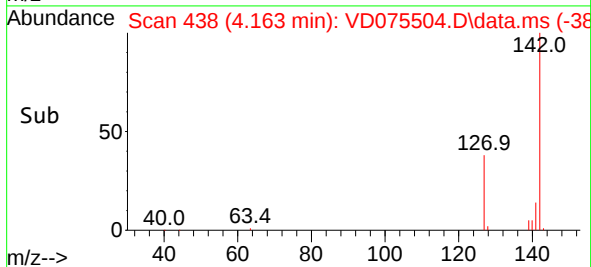
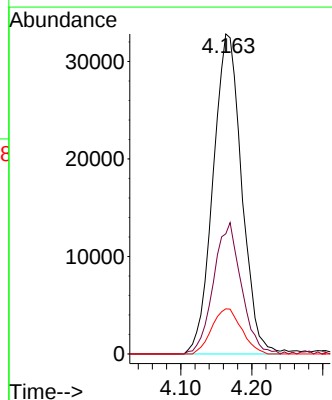
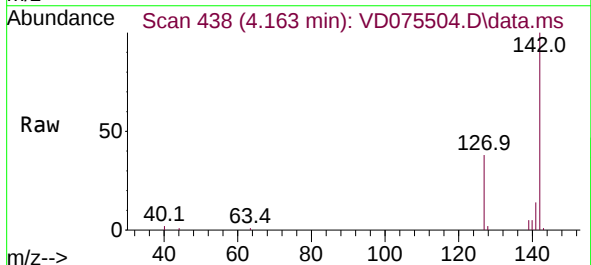
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

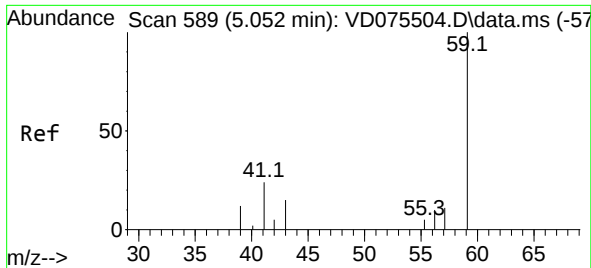
Tgt Ion:101 Resp: 72717
Ion Ratio Lower Upper
101 100
85 42.2 38.3 57.5
151 74.0 60.4 90.6



#10
Methyl Iodide
Concen: 45.918 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion:142 Resp: 91755
Ion Ratio Lower Upper
142 100
127 40.0 37.1 55.7
141 14.7 11.3 16.9

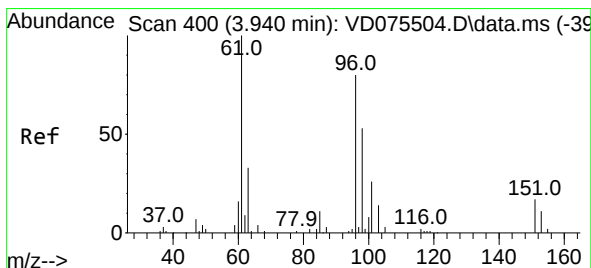
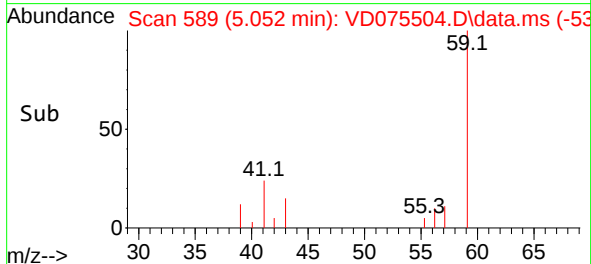
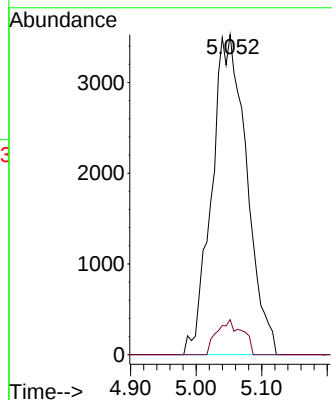
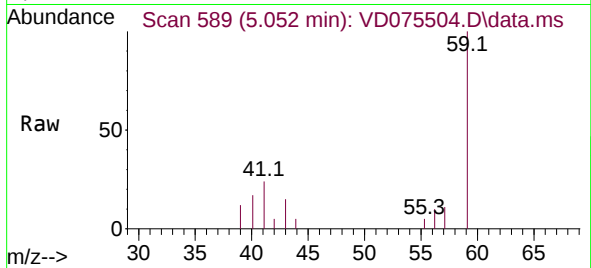




#11
Tert butyl alcohol
Concen: 234.436 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

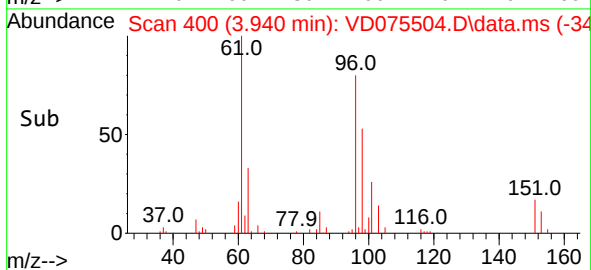
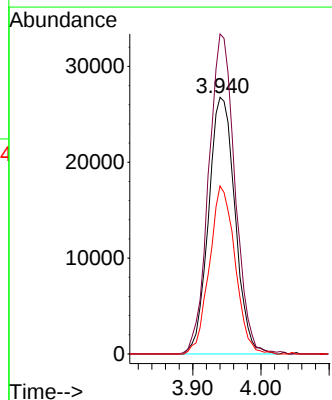
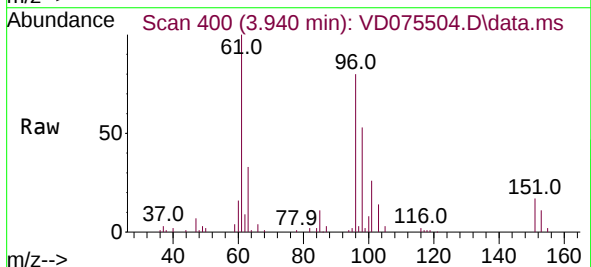
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

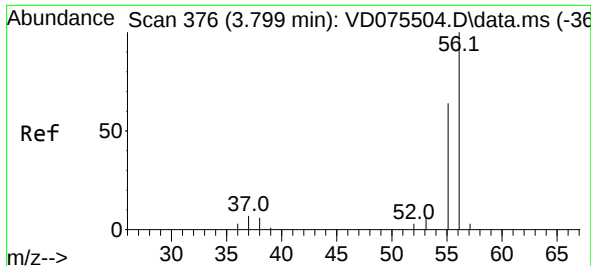
Tgt Ion: 59 Resp: 13073
Ion Ratio Lower Upper
59 100
57 7.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 43.767 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 96 Resp: 72397
Ion Ratio Lower Upper
96 100
61 124.7 118.6 177.8
98 65.5 49.7 74.5





#13

Acrolein

Concen: 212.357 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

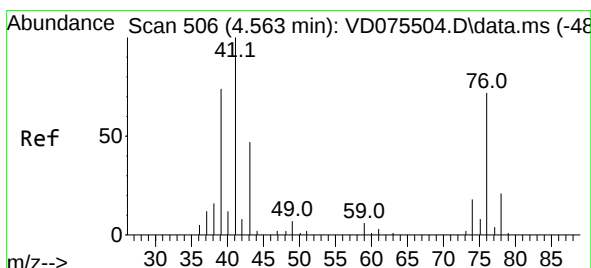
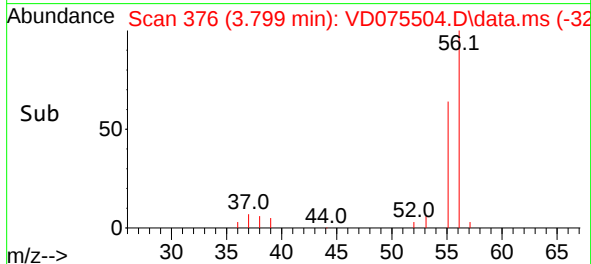
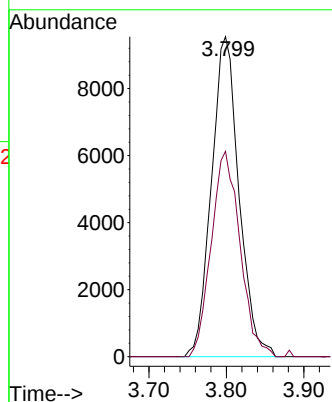
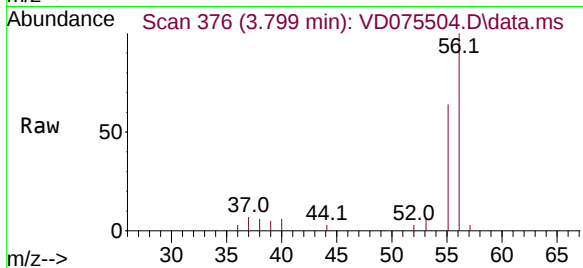
VSTDCCC050

Tgt Ion: 56 Resp: 23563

Ion Ratio Lower Upper

56 100

55 67.1 53.9 80.9



#14

Allyl chloride

Concen: 43.305 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

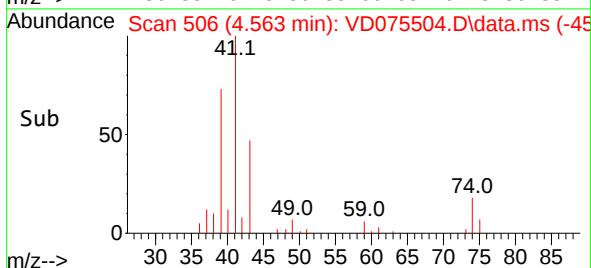
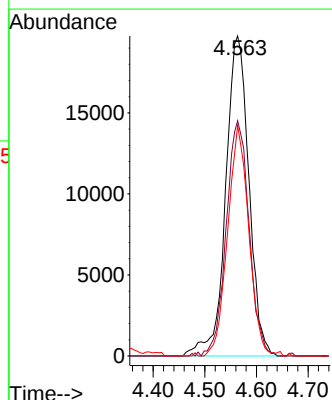
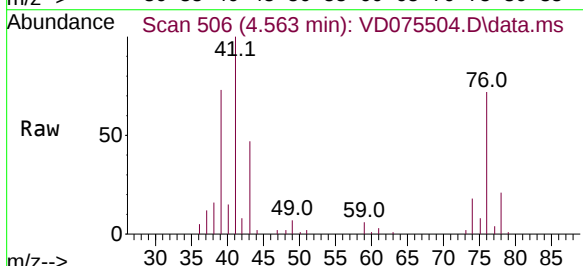
Tgt Ion: 41 Resp: 61633

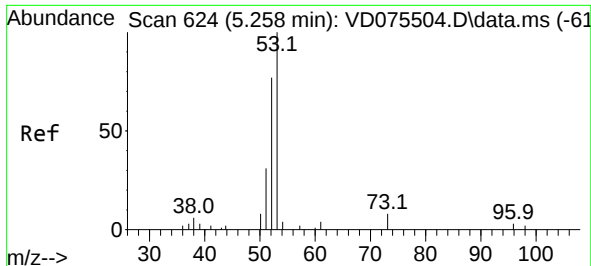
Ion Ratio Lower Upper

41 100

39 72.3 60.6 90.8

76 65.3 28.6 43.0#

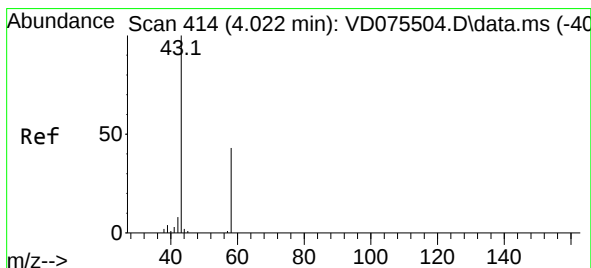
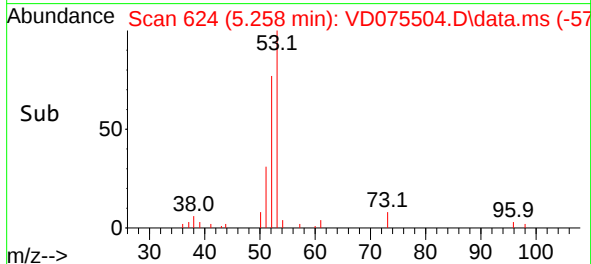
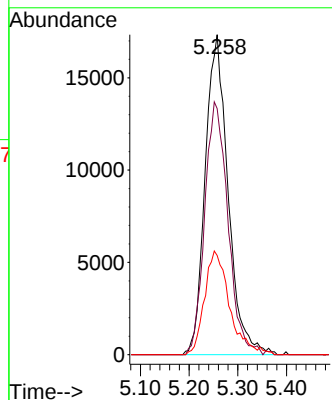
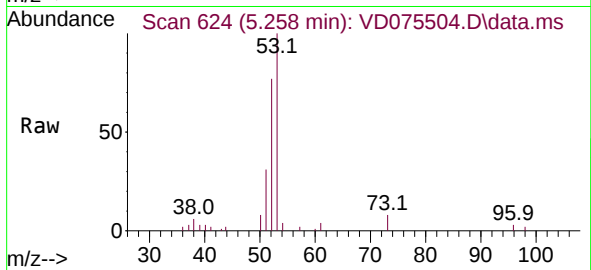




#15
Acrylonitrile
Concen: 224.193 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

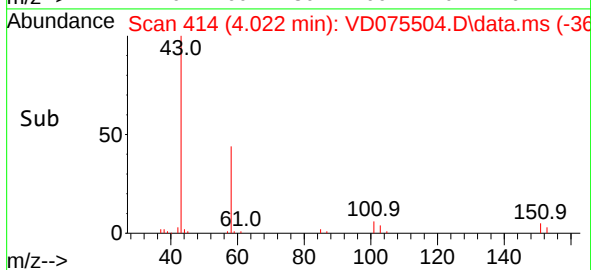
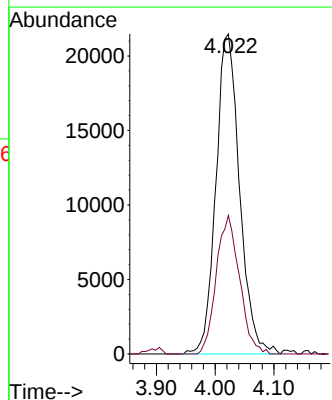
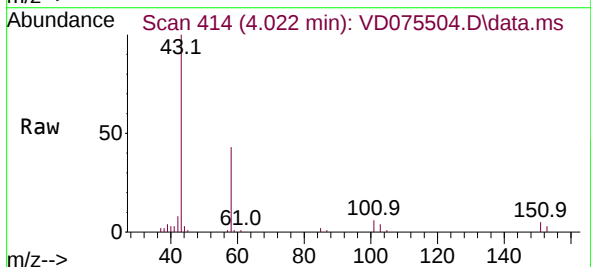
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

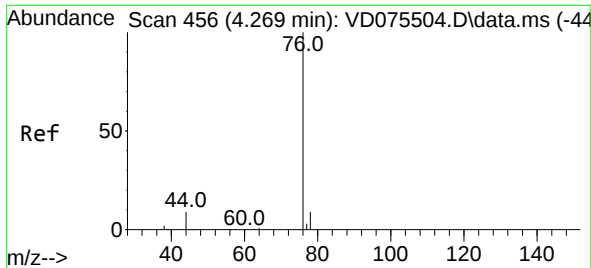
Tgt Ion: 53 Resp: 56494
Ion Ratio Lower Upper
53 100
52 80.2 66.2 99.4
51 35.5 30.7 46.1



#16
Acetone
Concen: 297.052 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 43 Resp: 60189
Ion Ratio Lower Upper
43 100
58 43.2 24.4 36.6#

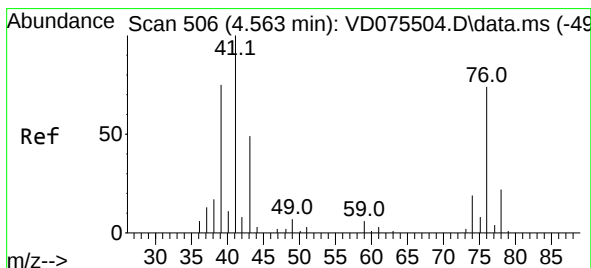
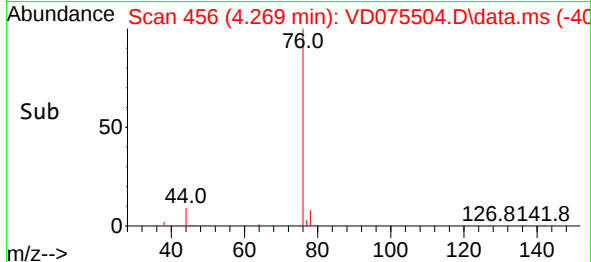
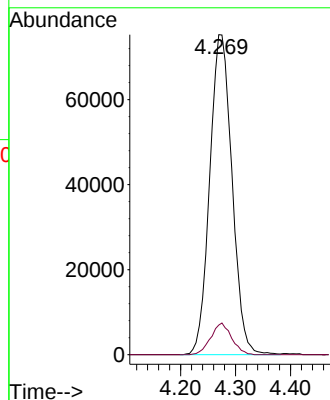
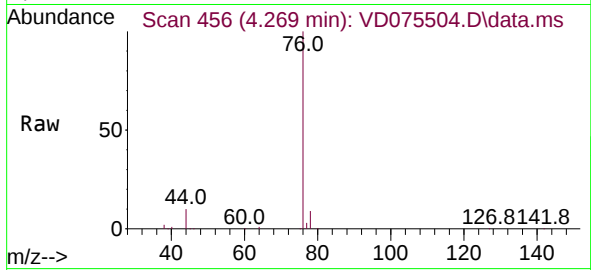




#17
Carbon Disulfide
Concen: 42.517 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

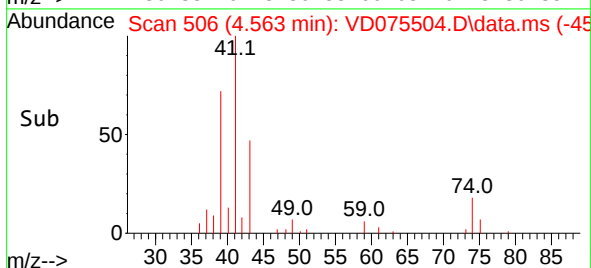
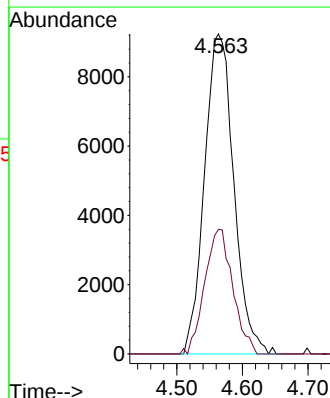
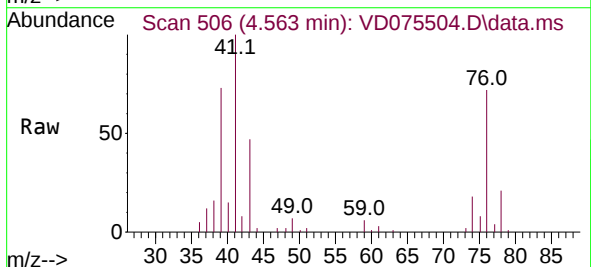
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

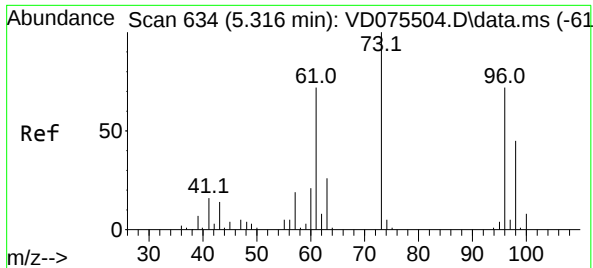
Tgt Ion: 76 Resp: 212195
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 44.926 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 43 Resp: 28722
Ion Ratio Lower Upper
43 100
74 37.2 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 45.672 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

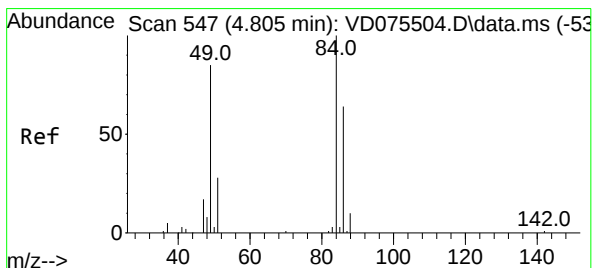
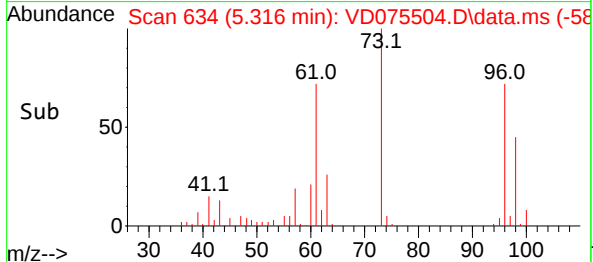
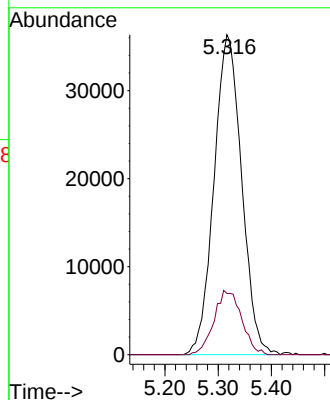
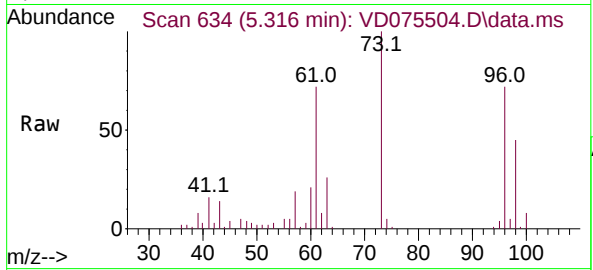
VSTDCCC050

Tgt Ion: 73 Resp: 131012

Ion Ratio Lower Upper

73 100

57 19.1 17.2 25.8



#20

Methylene Chloride

Concen: 47.858 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Tgt Ion: 84 Resp: 82682

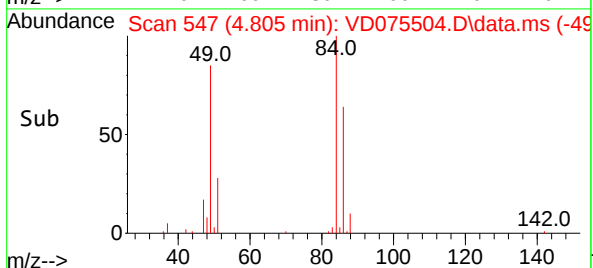
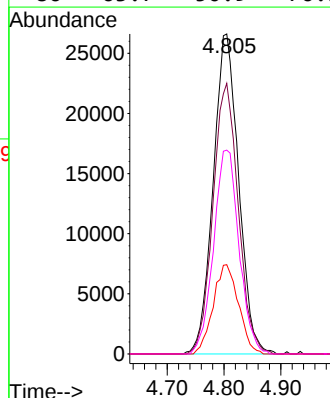
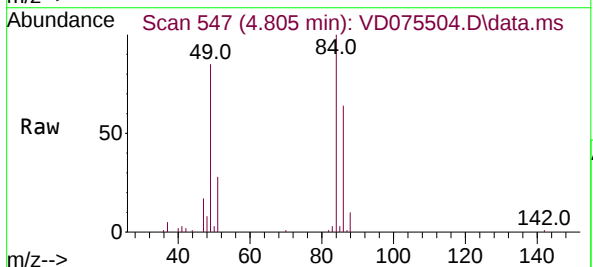
Ion Ratio Lower Upper

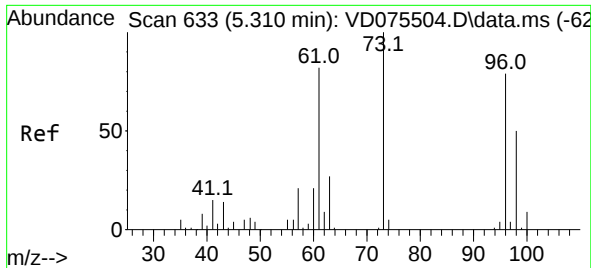
84 100

49 84.6 106.4 159.6#

51 27.9 32.4 48.6#

86 63.7 50.9 76.3

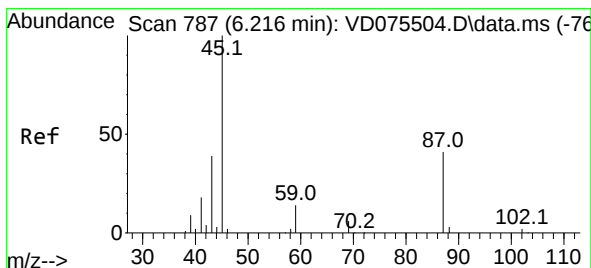
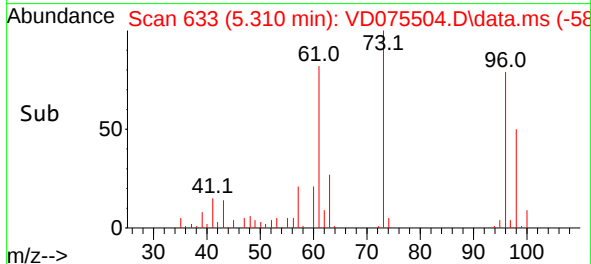
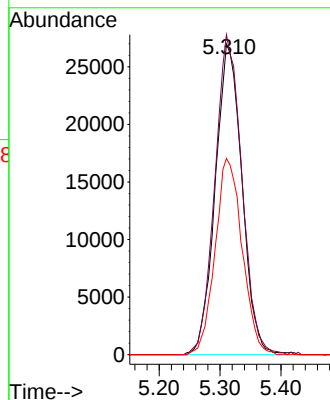
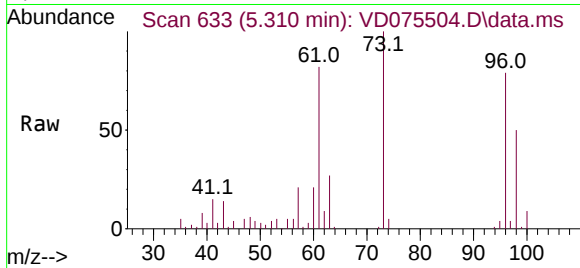




#21
trans-1,2-Dichloroethene
Concen: 43.632 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

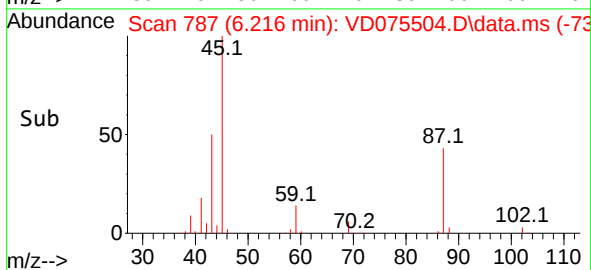
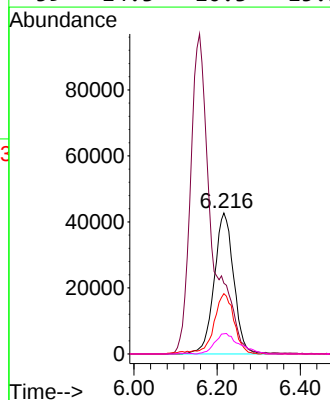
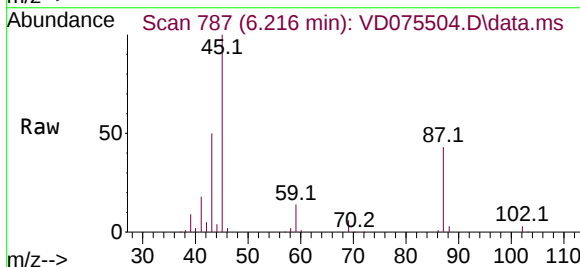
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

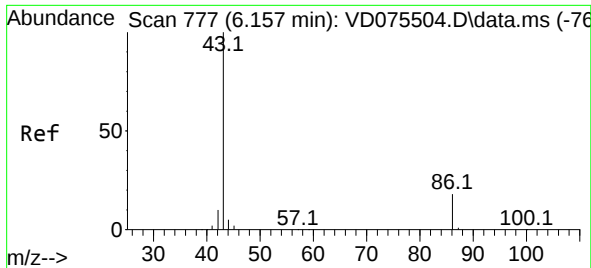
Tgt Ion: 96 Resp: 82048
Ion Ratio Lower Upper
96 100
61 103.0 117.2 175.8#
98 63.1 50.6 76.0



#22
Diisopropyl ether
Concen: 45.035 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 45 Resp: 138922
Ion Ratio Lower Upper
45 100
43 49.6 44.4 66.6
87 42.9 20.9 31.3#
59 14.3 10.3 15.5

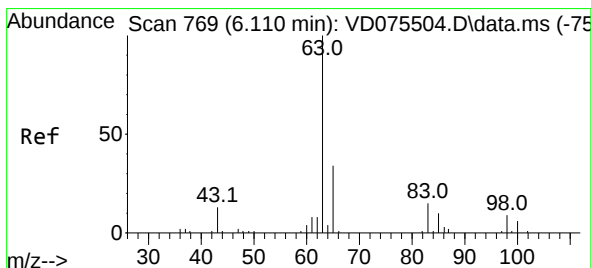
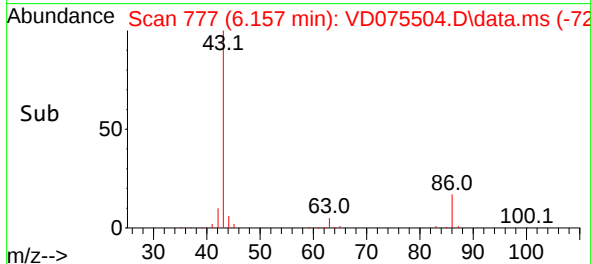
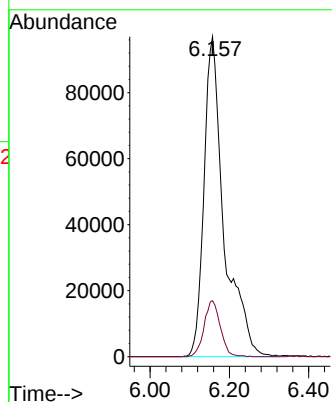
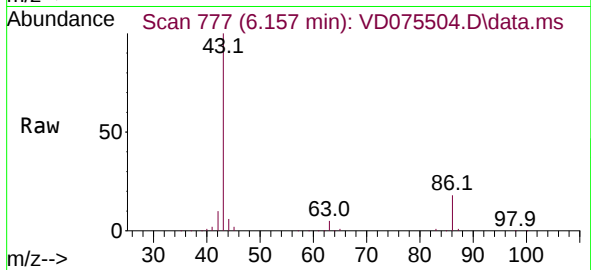




#23
 Vinyl Acetate
 Concen: 227.262 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

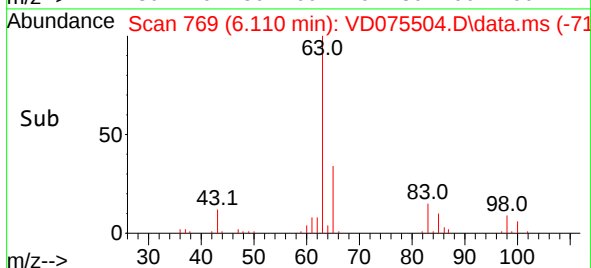
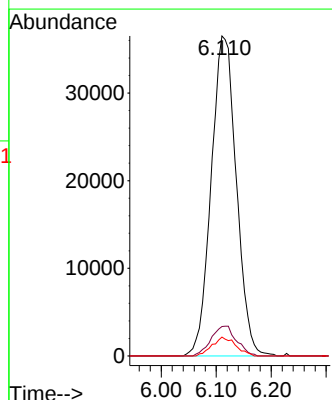
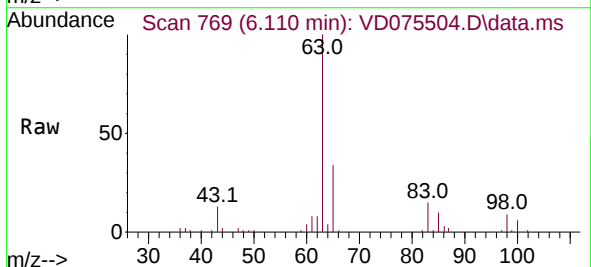
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

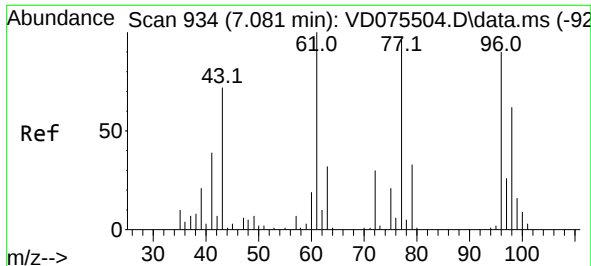
Tgt Ion: 43 Resp: 340224
 Ion Ratio Lower Upper
 43 100
 86 17.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 43.409 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

Tgt Ion: 63 Resp: 115988
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.9 11.7
 100 5.9 2.0 6.0

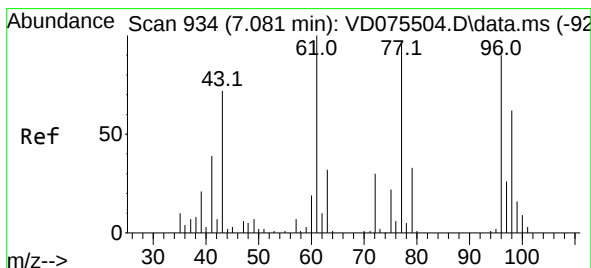
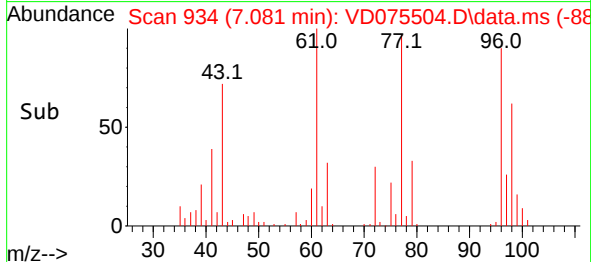
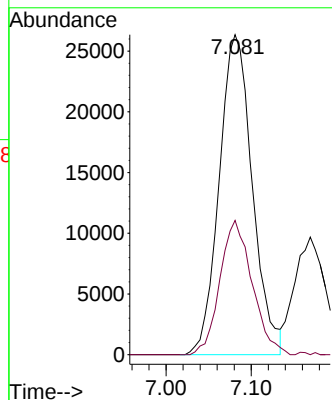
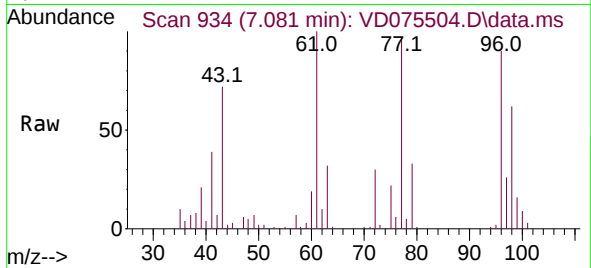




#25
2-Butanone
Concen: 253.072 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

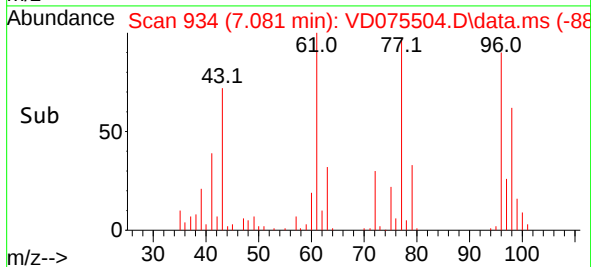
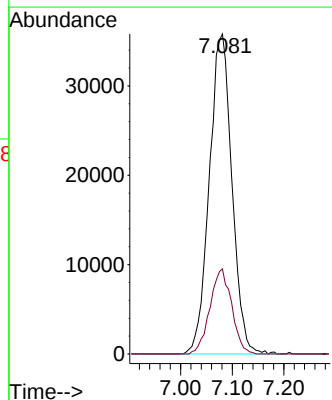
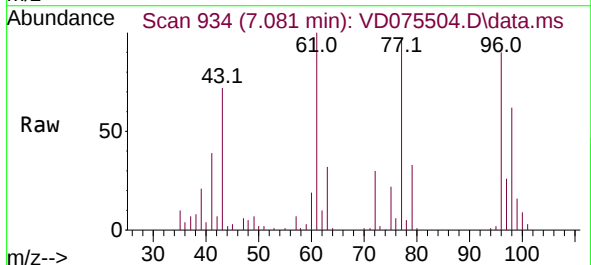
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

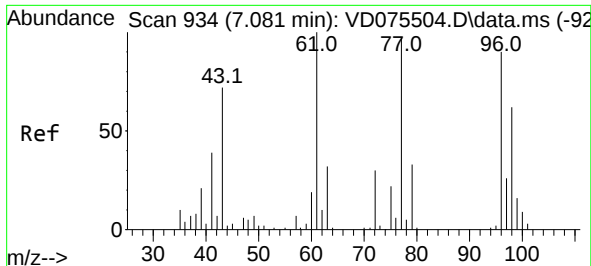
Tgt Ion: 43 Resp: 71262
Ion Ratio Lower Upper
43 100
72 41.9 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 44.284 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 77 Resp: 108830
Ion Ratio Lower Upper
77 100
97 25.5 11.1 33.1

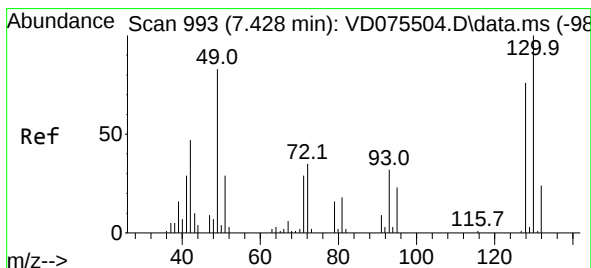
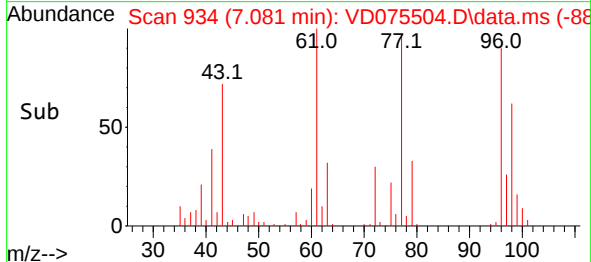
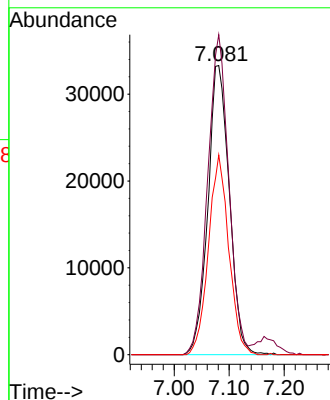
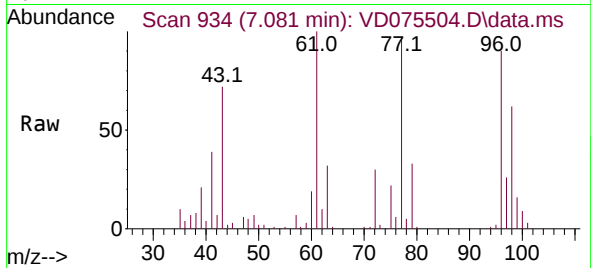




#27
 cis-1,2-Dichloroethene
 Concen: 44.820 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

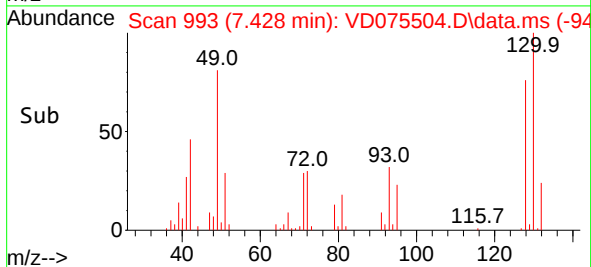
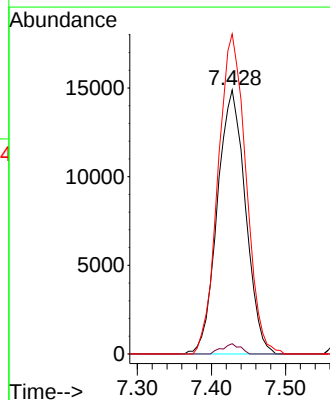
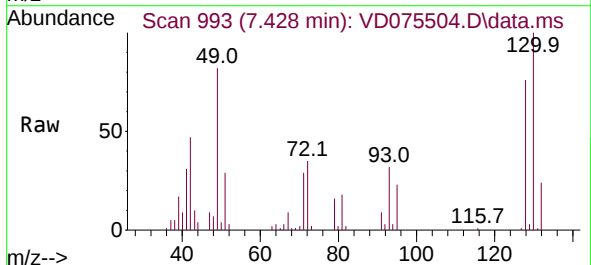
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

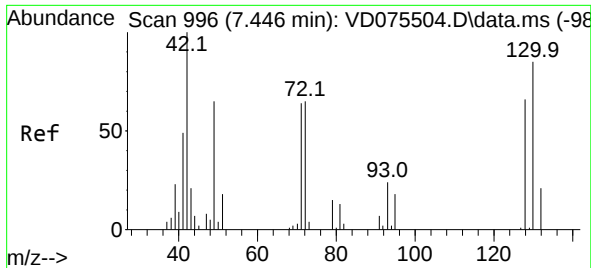
Tgt Ion: 96 Resp: 90314
 Ion Ratio Lower Upper
 96 100
 61 109.1 0.0 295.2
 98 65.4 0.0 129.2



#28
 Bromochloromethane
 Concen: 45.526 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

Tgt Ion: 49 Resp: 39216
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.2#
 130 120.4 56.0 84.0#





#29

Tetrahydrofuran

Concen: 229.289 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

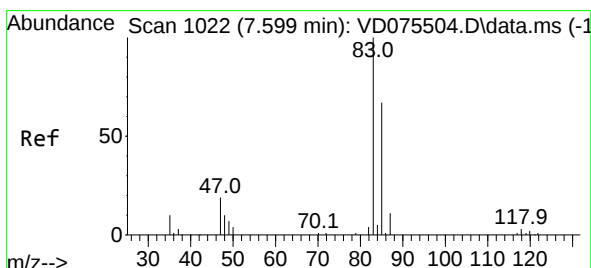
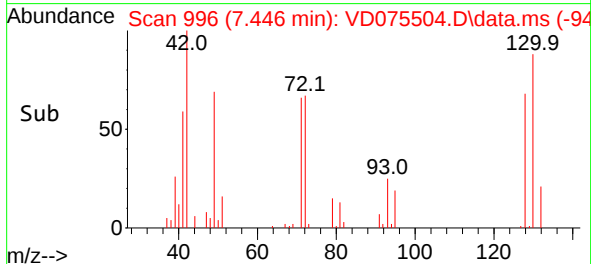
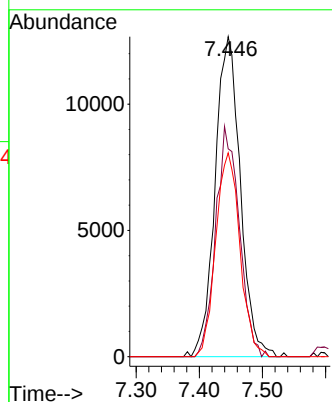
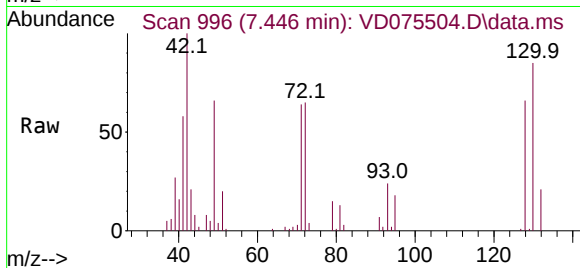
Tgt Ion: 42 Resp: 35140

Ion Ratio Lower Upper

42 100

72 67.0 31.8 47.6#

71 61.1 27.6 41.4#



#30

Chloroform

Concen: 43.790 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075504.D

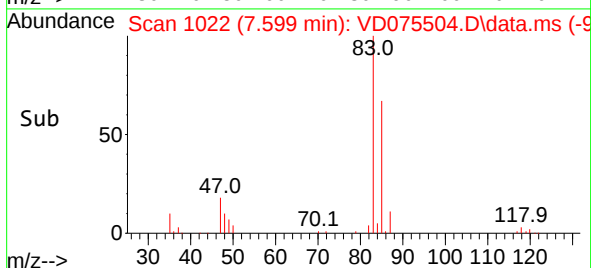
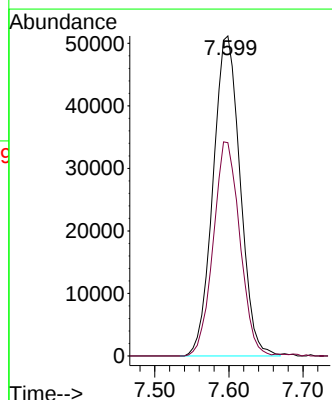
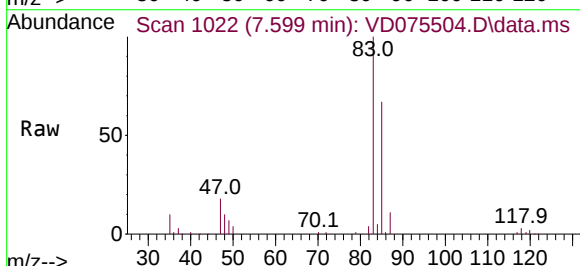
Acq: 13 Mar 2023 11:24

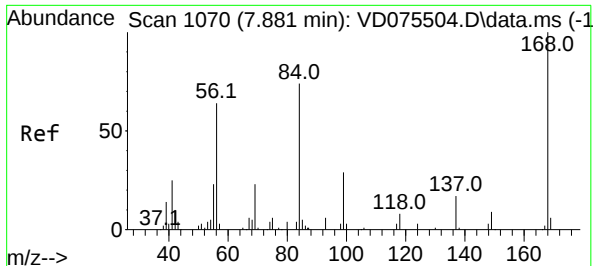
Tgt Ion: 83 Resp: 129947

Ion Ratio Lower Upper

83 100

85 66.6 49.4 74.2





#31

Cyclohexane

Concen: 41.678 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

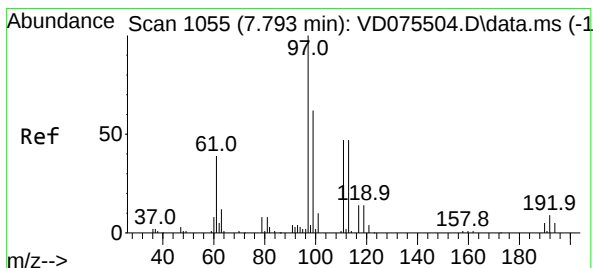
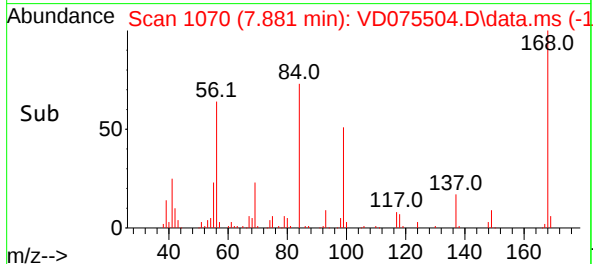
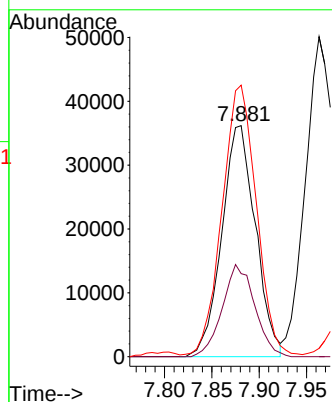
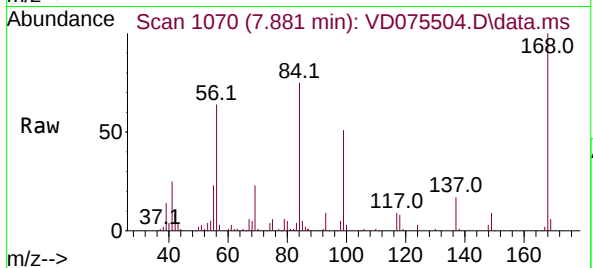
Tgt Ion: 56 Resp: 89648

Ion Ratio Lower Upper

56 100

69 35.9 25.5 38.3

84 116.8 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 44.524 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

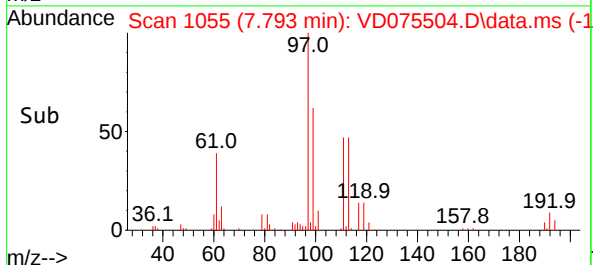
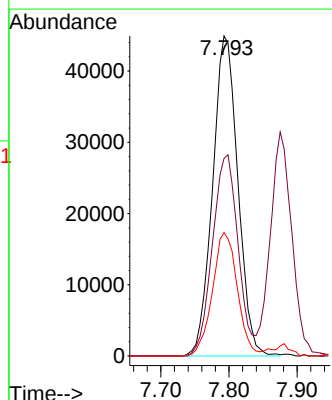
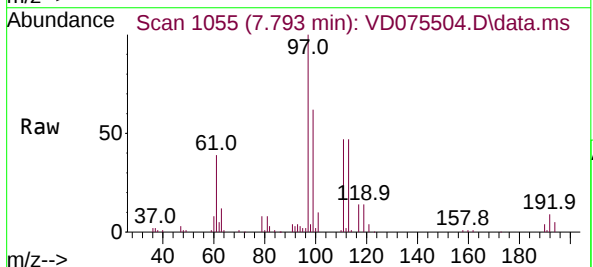
Tgt Ion: 97 Resp: 115853

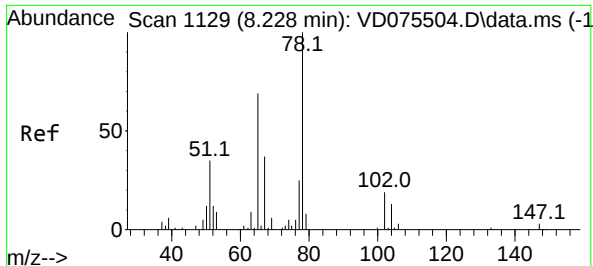
Ion Ratio Lower Upper

97 100

99 64.2 50.5 75.7

61 38.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.550 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

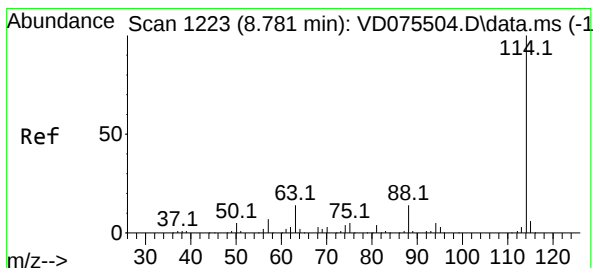
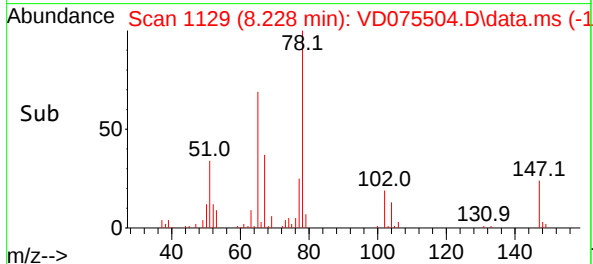
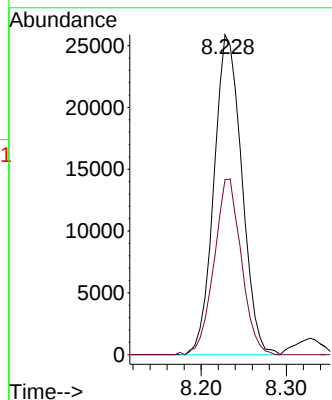
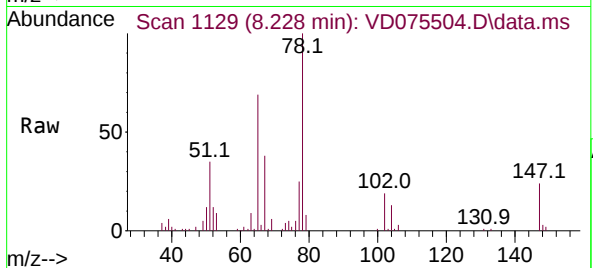
VSTDCCC050

Tgt Ion: 65 Resp: 58629

Ion Ratio Lower Upper

65 100

67 53.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

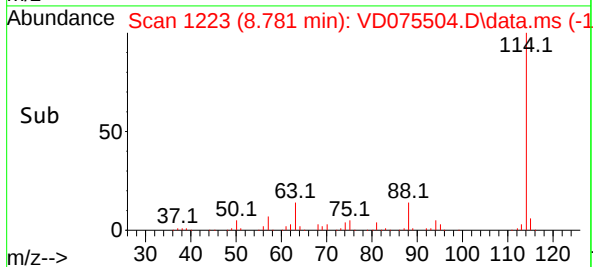
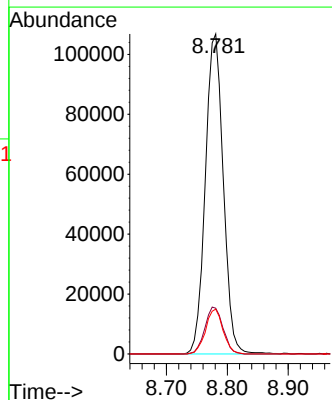
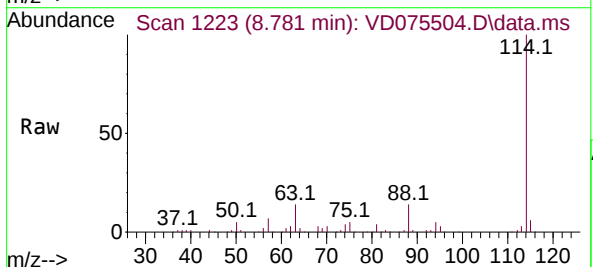
Tgt Ion: 114 Resp: 218583

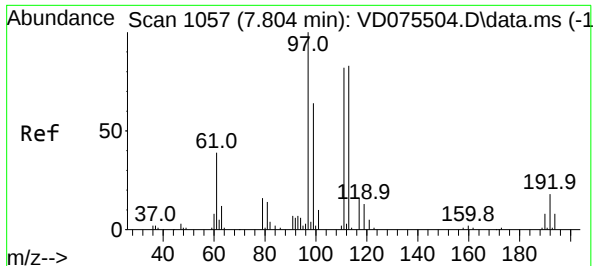
Ion Ratio Lower Upper

114 100

63 14.3 0.0 41.6

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.341 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

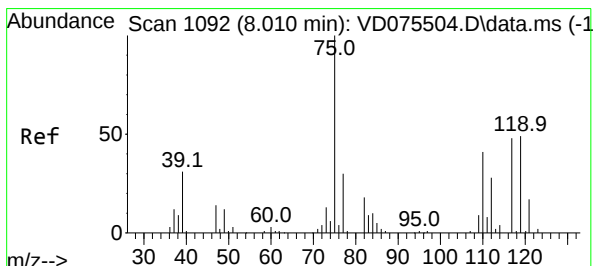
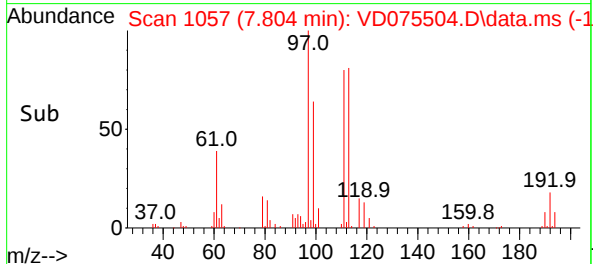
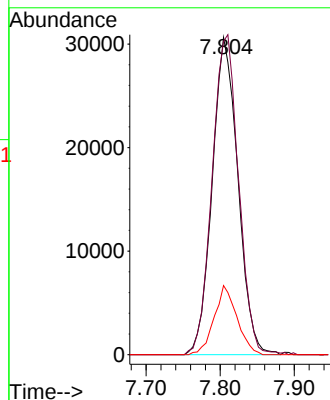
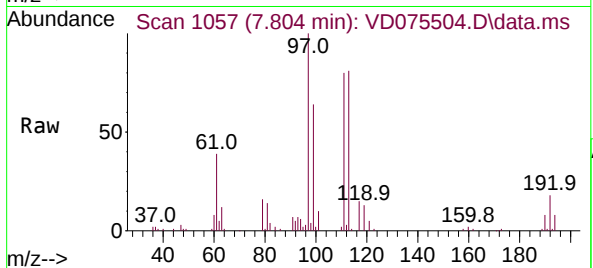
Tgt Ion:113 Resp: 73867

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 19.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 45.434 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

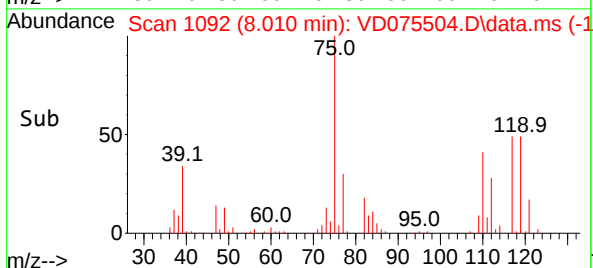
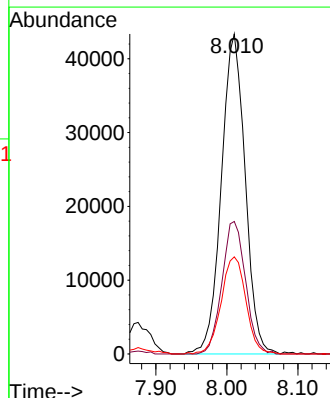
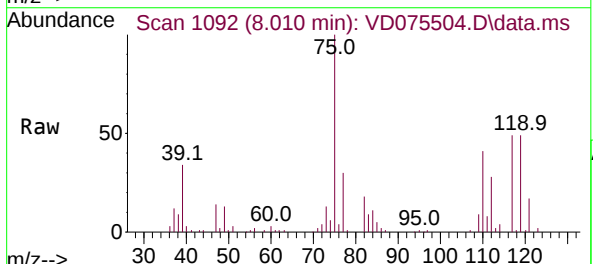
Tgt Ion: 75 Resp: 100799

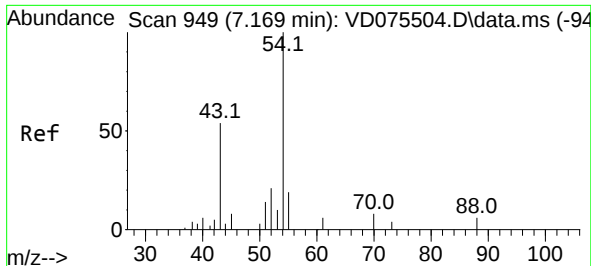
Ion Ratio Lower Upper

75 100

110 41.1 17.1 51.2

77 31.6 24.6 36.8





#37

Ethyl Acetate

Concen: 44.881 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

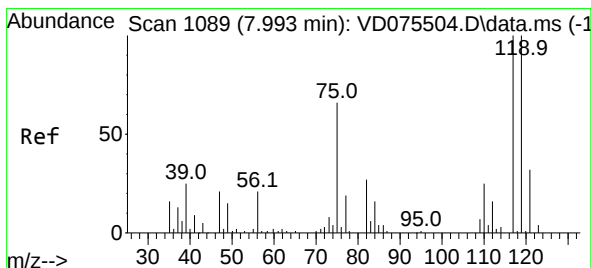
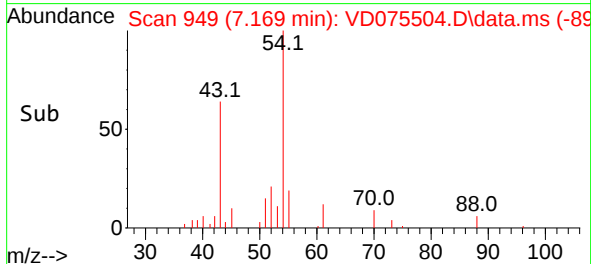
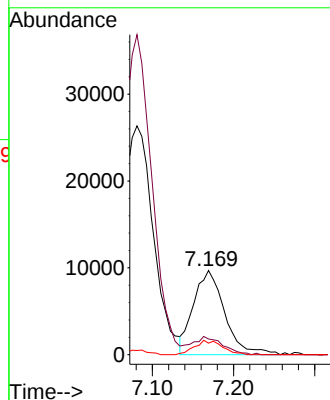
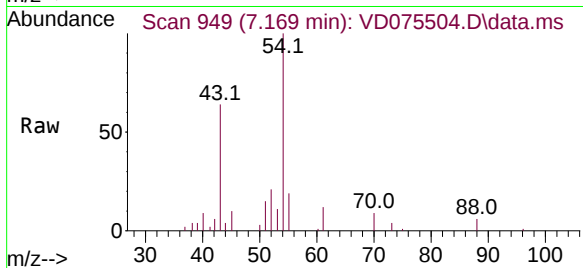
Tgt Ion: 43 Resp: 25944

Ion Ratio Lower Upper

43 100

61 20.1 0.0 0.0#

70 15.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 45.499 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

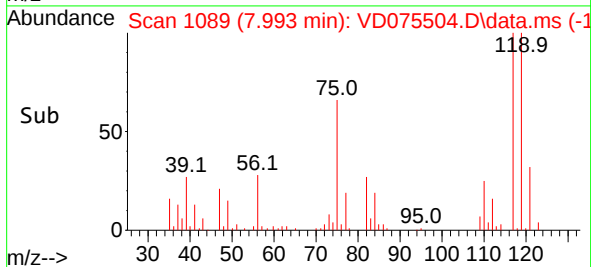
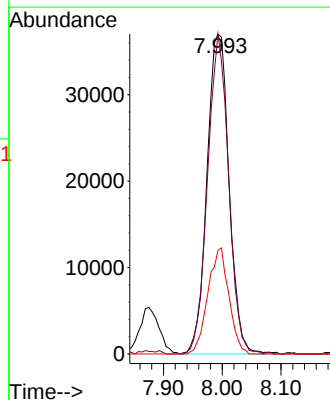
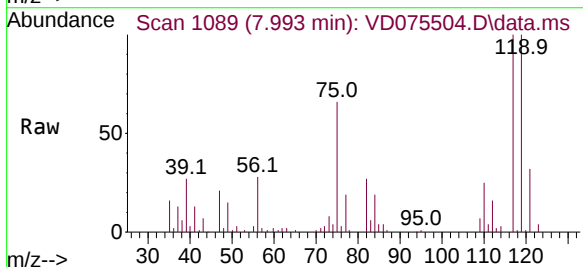
Tgt Ion: 117 Resp: 96721

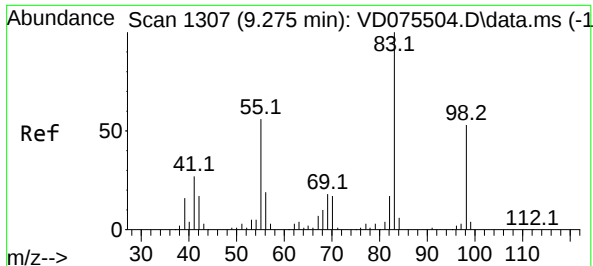
Ion Ratio Lower Upper

117 100

119 100.1 74.7 112.1

121 32.4 25.9 38.9





#39

Methylcyclohexane

Concen: 44.213 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

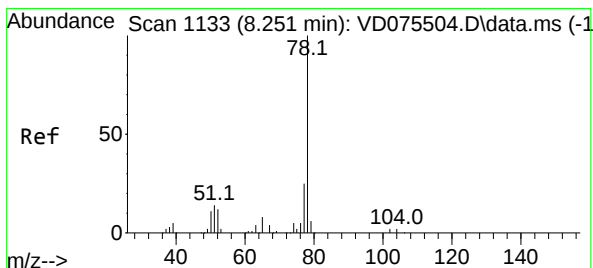
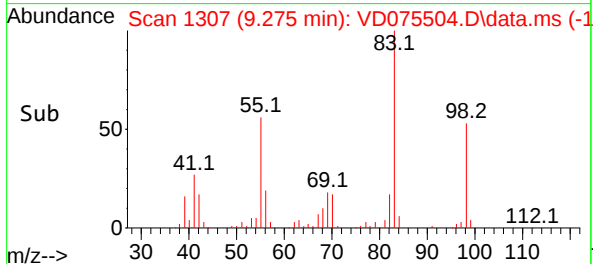
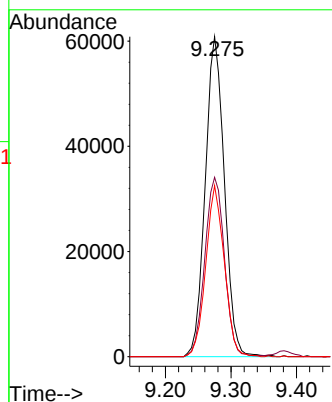
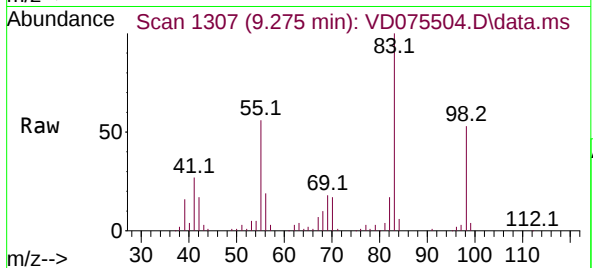
Tgt Ion: 83 Resp: 123675

Ion Ratio Lower Upper

83 100

55 56.1 56.8 85.2#

98 53.5 38.9 58.3



#40

Benzene

Concen: 44.749 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075504.D

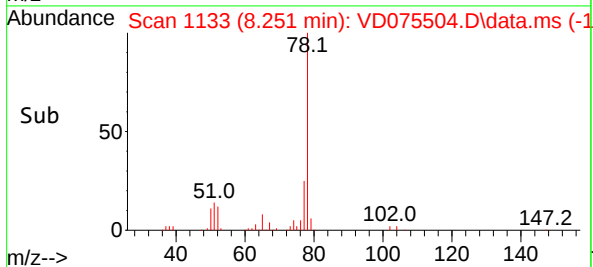
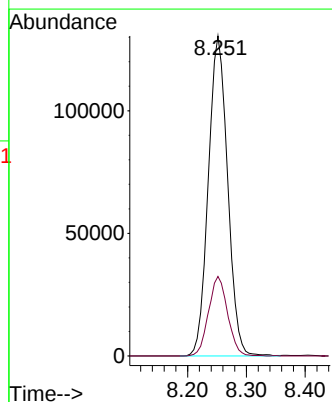
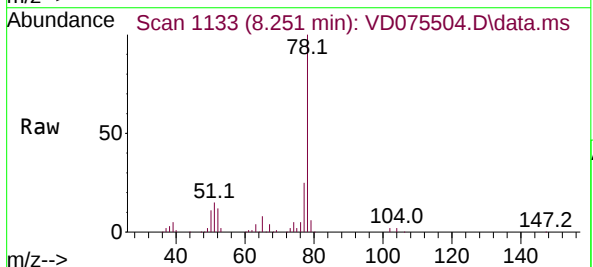
Acq: 13 Mar 2023 11:24

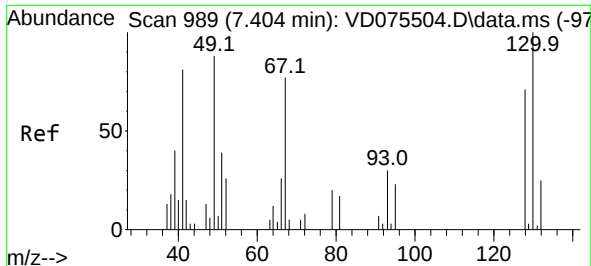
Tgt Ion: 78 Resp: 297532

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7

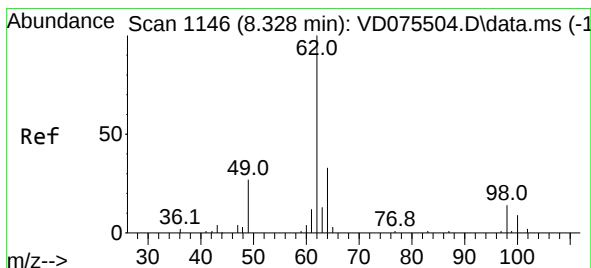
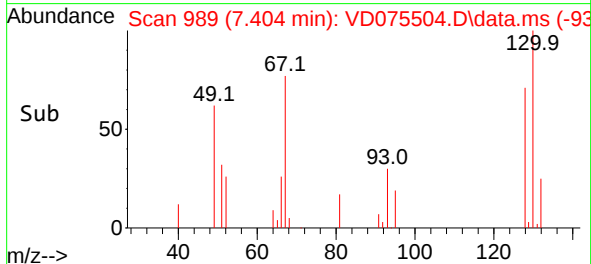
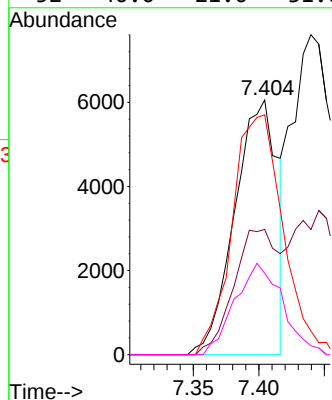
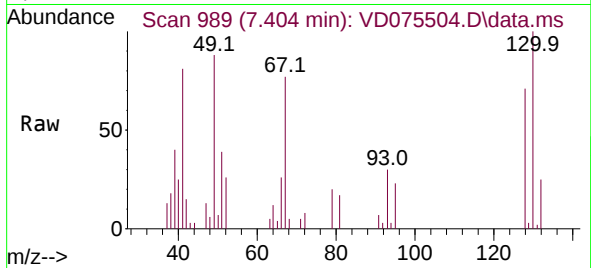




#41
Methacrylonitrile
Concen: 45.140 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

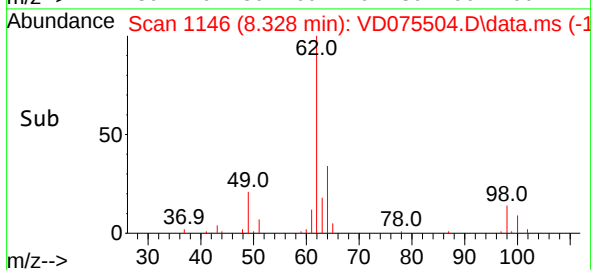
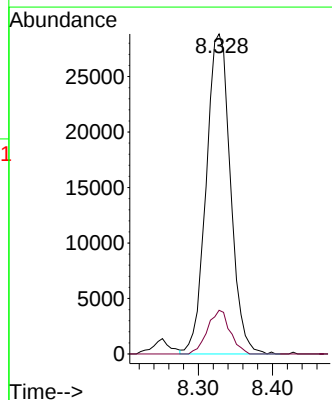
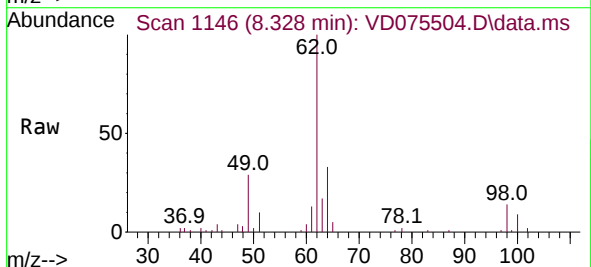
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

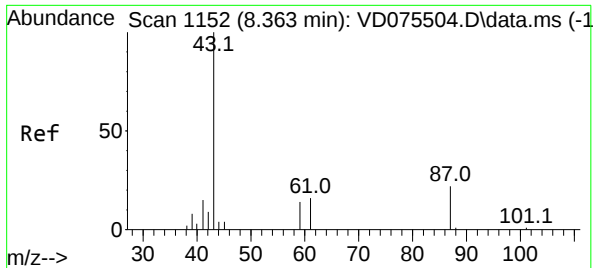
Tgt Ion: 41 Resp: 13750
Ion Ratio Lower Upper
41 100
39 50.9 45.3 67.9
67 111.5 50.5 75.7#
52 40.0 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 44.715 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 62 Resp: 65443
Ion Ratio Lower Upper
62 100
98 12.7 0.0 18.8

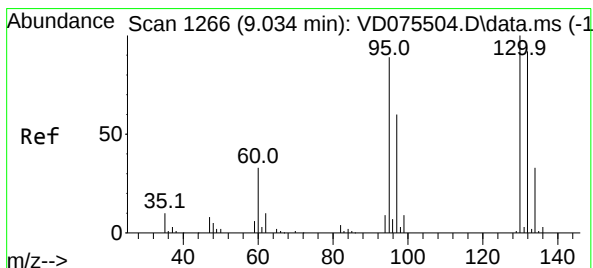
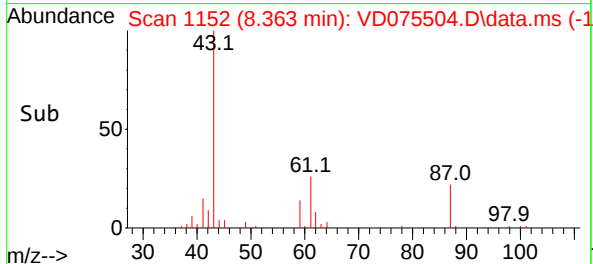
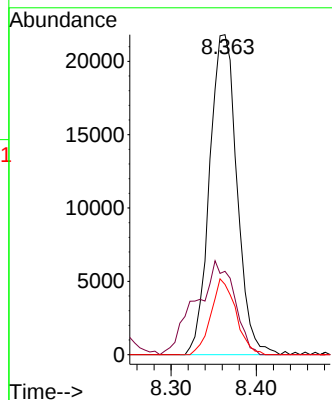
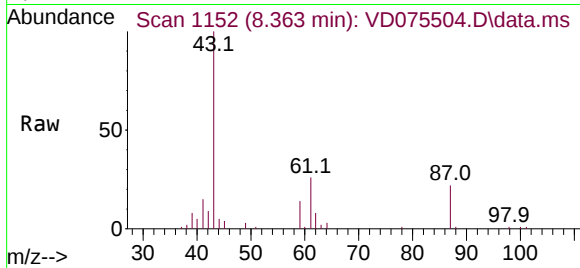




#43
Isopropyl Acetate
Concen: 45.521 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

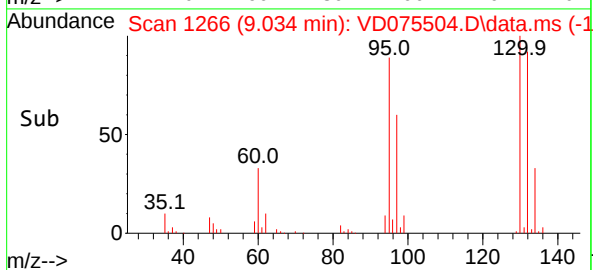
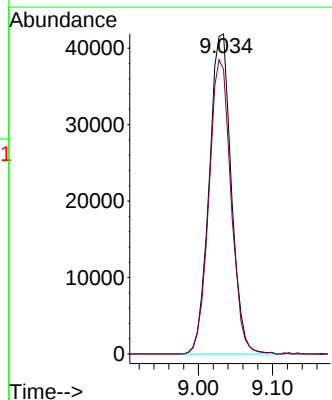
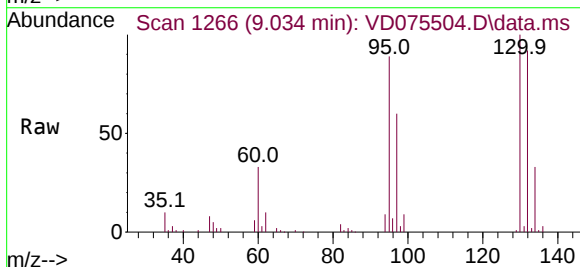
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

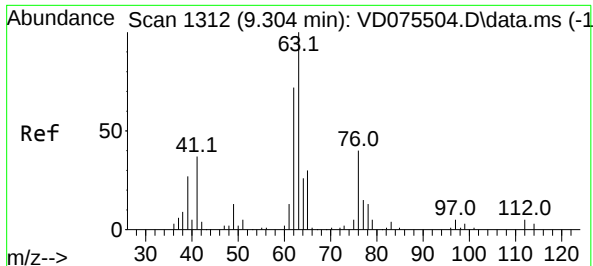
Tgt Ion: 43 Resp: 48691
Ion Ratio Lower Upper
43 100
61 41.4 23.4 35.0#
87 21.6 9.5 14.3#



#44
Trichloroethene
Concen: 44.263 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion:130 Resp: 86495
Ion Ratio Lower Upper
130 100
95 88.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 45.484 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

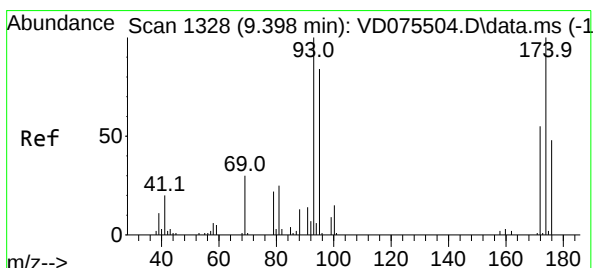
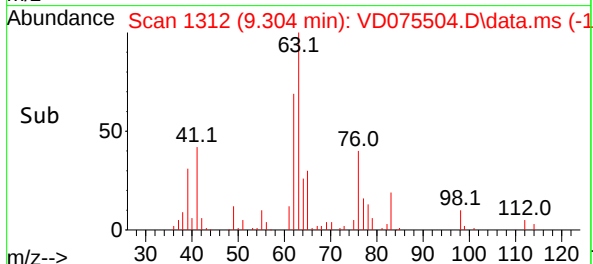
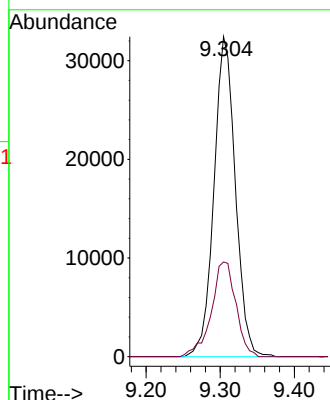
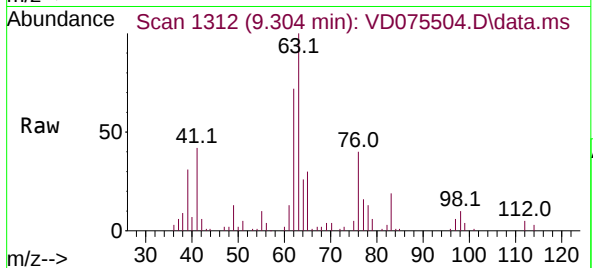
VSTDCCC050

Tgt Ion: 63 Resp: 65011

Ion Ratio Lower Upper

63 100

65 29.6 23.0 34.4



#46

Dibromomethane

Concen: 45.923 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

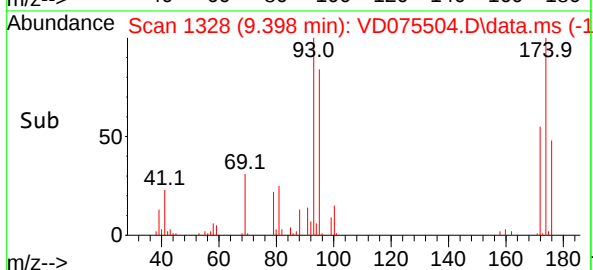
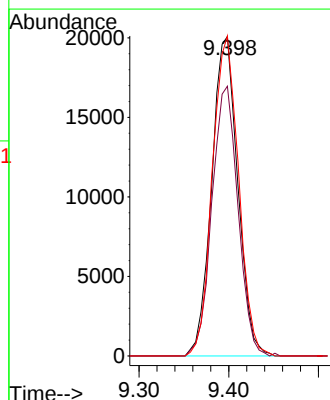
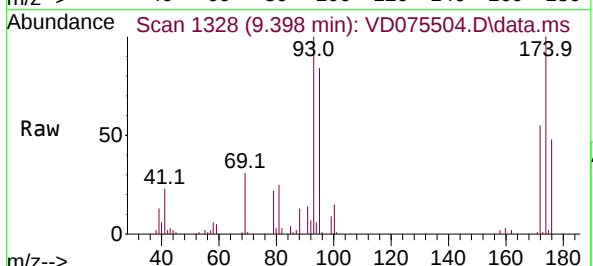
Tgt Ion: 93 Resp: 40456

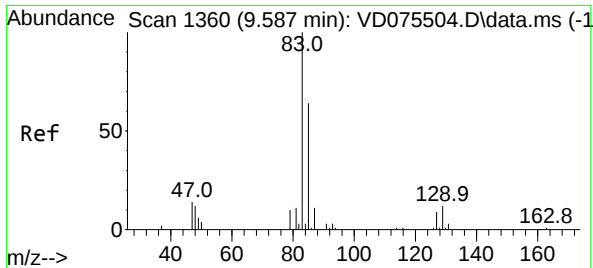
Ion Ratio Lower Upper

93 100

95 84.6 64.5 96.7

174 100.6 76.2 114.4

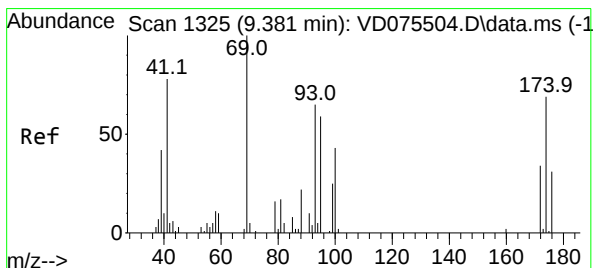
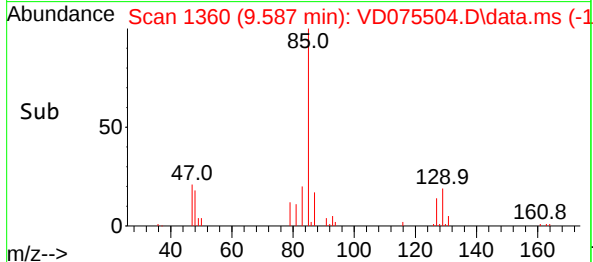
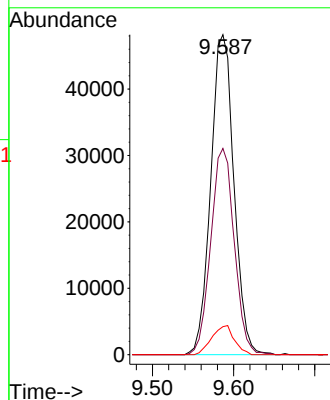
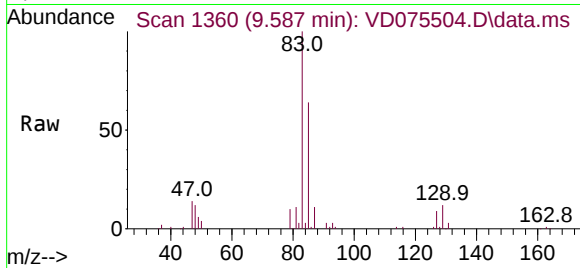




#47
Bromodichloromethane
Concen: 44.770 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

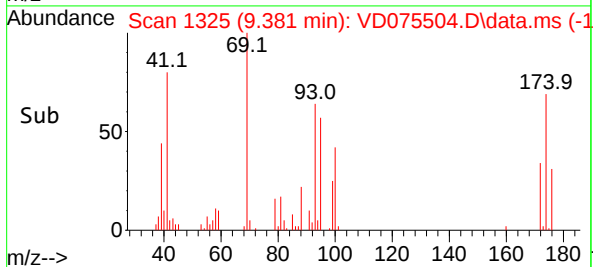
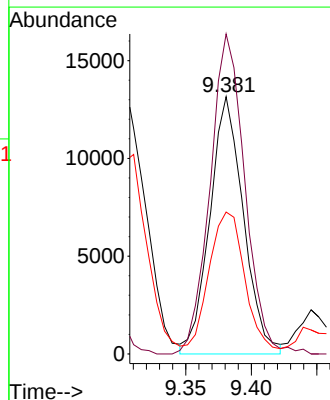
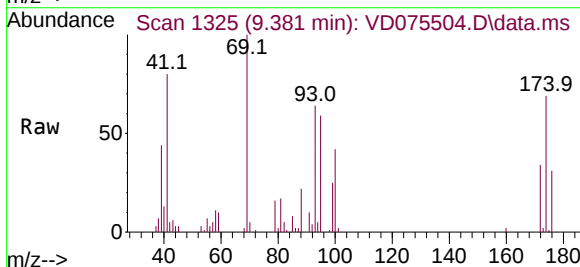
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

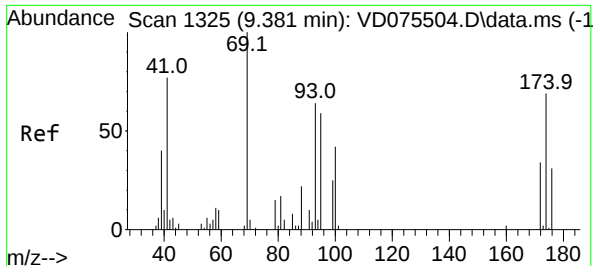
Tgt Ion: 83 Resp: 95502
Ion Ratio Lower Upper
83 100
85 64.5 53.7 80.5
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 46.716 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 41 Resp: 23475
Ion Ratio Lower Upper
41 100
69 128.8 58.6 88.0#
39 55.4 53.4 80.0





#49

1,4-Dioxane

Concen: 951.894 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

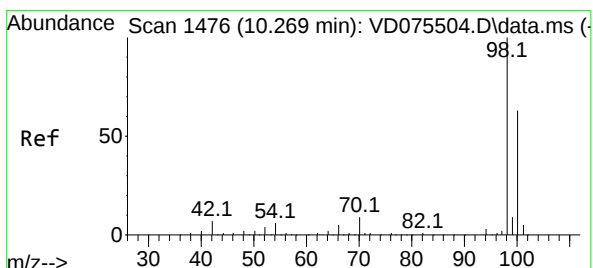
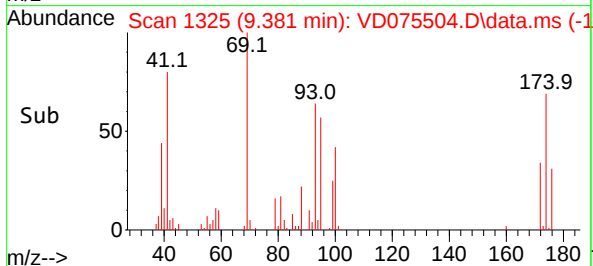
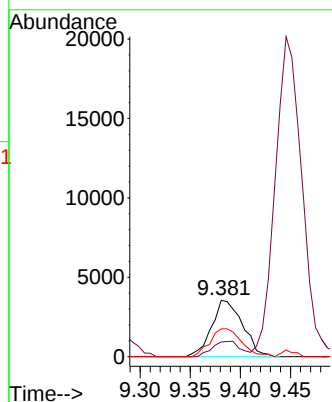
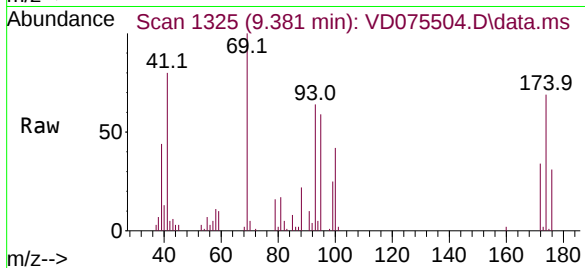
Tgt Ion: 88 Resp: 7607

Ion Ratio Lower Upper

88 100

43 24.9 34.6 51.8#

58 50.5 58.0 87.0#



#50

Toluene-d8

Concen: 51.365 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075504.D

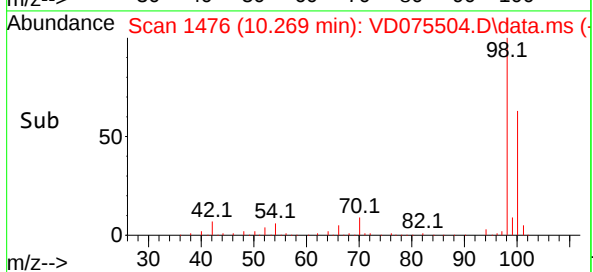
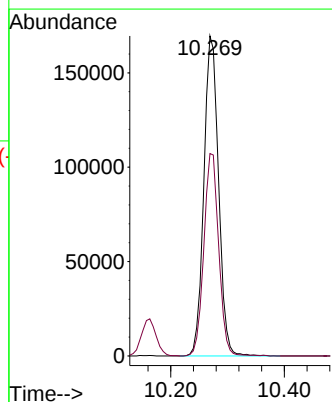
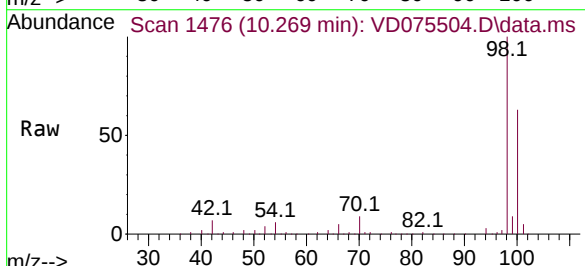
Acq: 13 Mar 2023 11:24

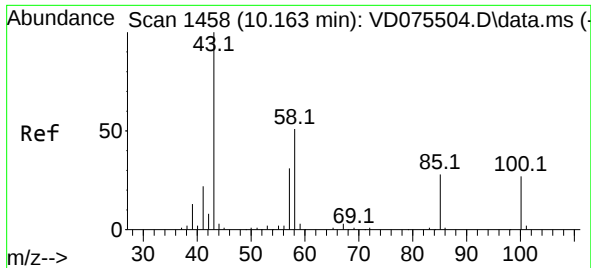
Tgt Ion: 98 Resp: 303776

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1

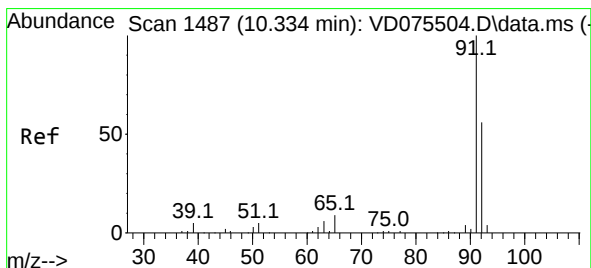
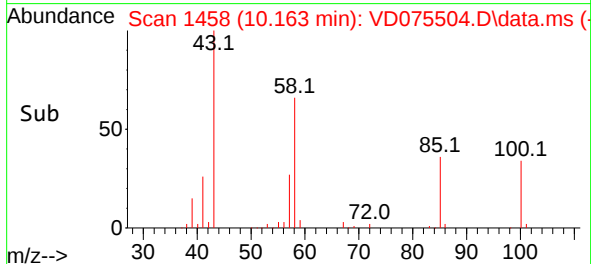
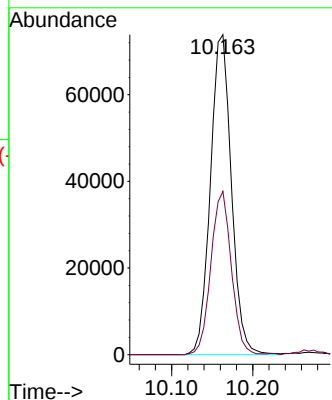
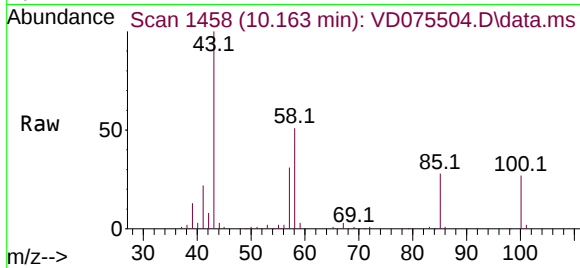




#51
4-Methyl-2-Pentanone
Concen: 238.560 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

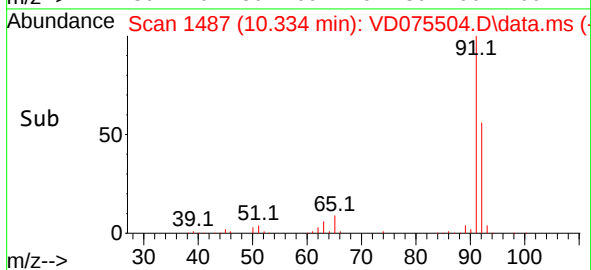
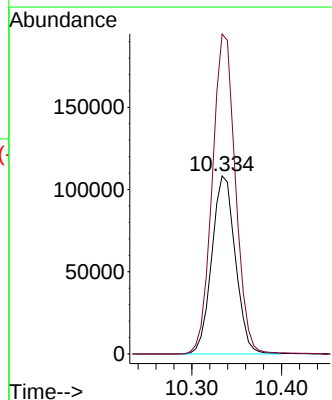
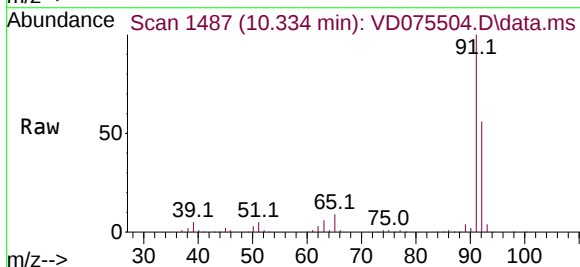
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

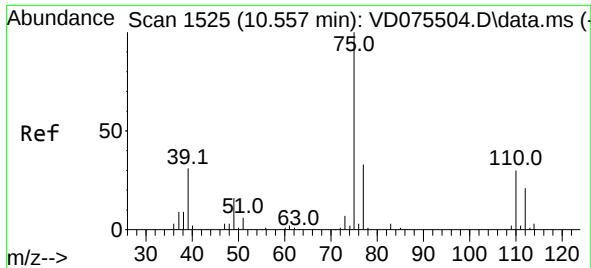
Tgt Ion: 43 Resp: 132706
Ion Ratio Lower Upper
43 100
58 49.7 29.5 44.3#



#52
Toluene
Concen: 45.772 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 92 Resp: 197212
Ion Ratio Lower Upper
92 100
91 177.8 136.5 204.7

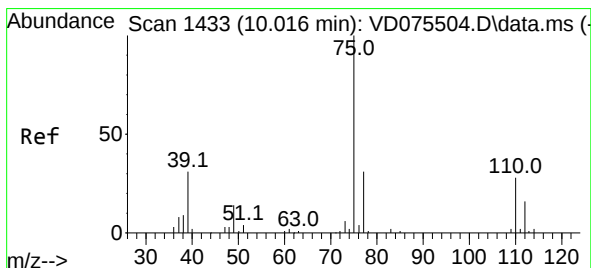
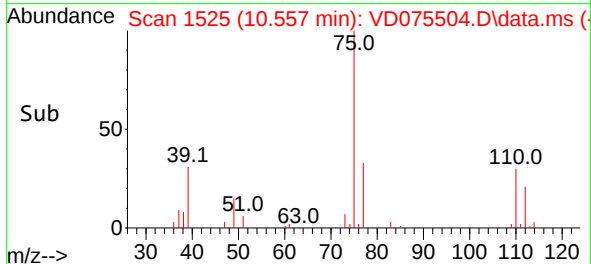
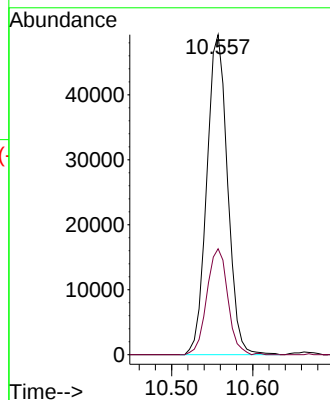
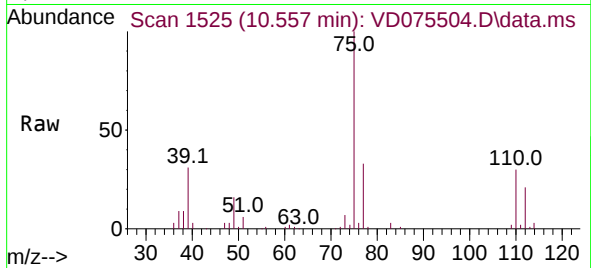




#53
 t-1,3-Dichloropropene
 Concen: 45.591 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

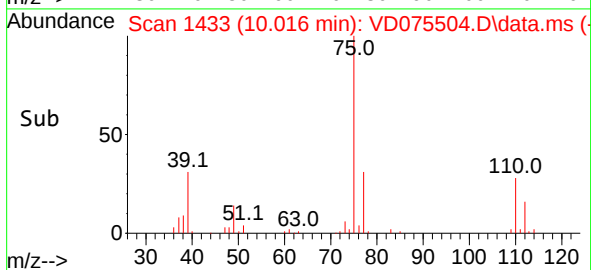
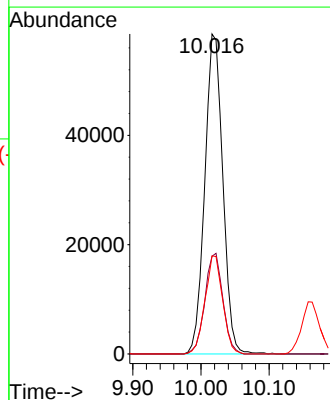
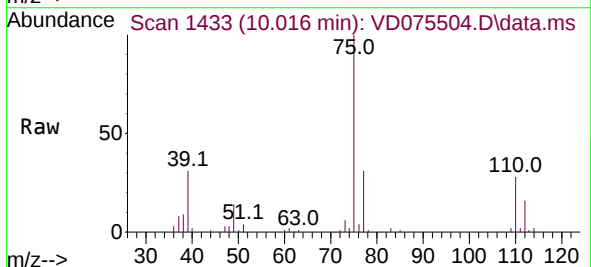
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

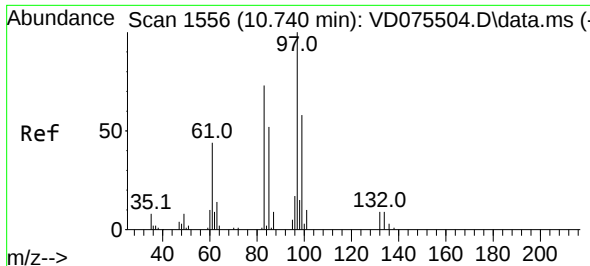
Tgt Ion: 75 Resp: 87488
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 45.634 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

Tgt Ion: 75 Resp: 107545
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4
 39 30.7 44.8 67.2#

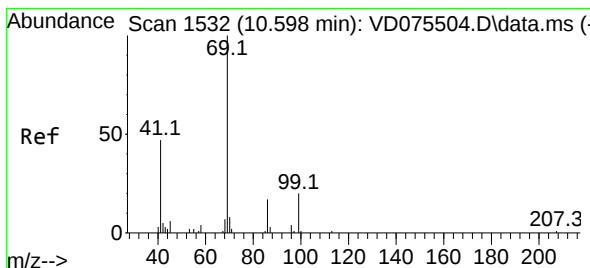
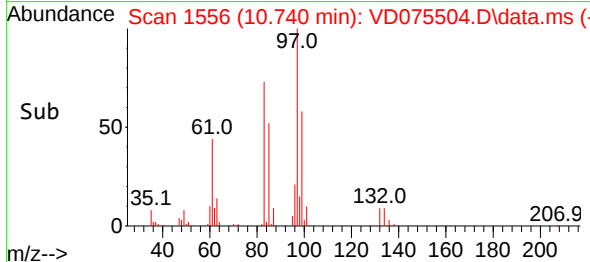
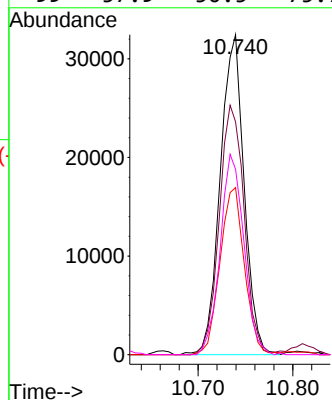
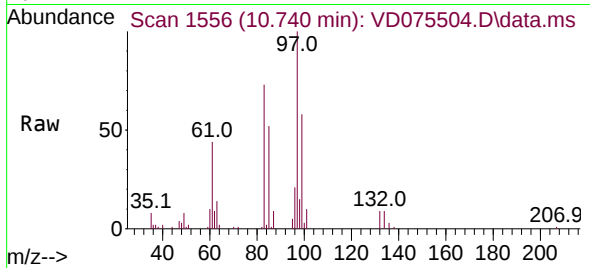




#55
1,1,2-Trichloroethane
Concen: 45.599 ug/l
RT: 10.740 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

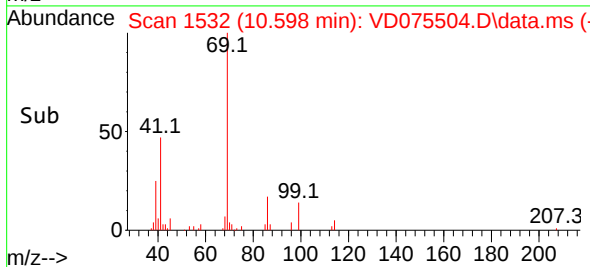
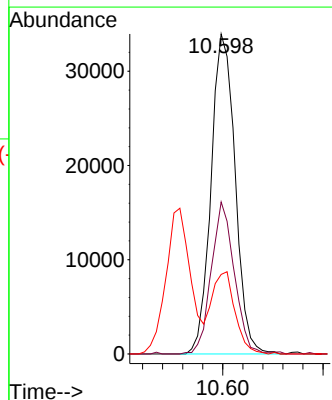
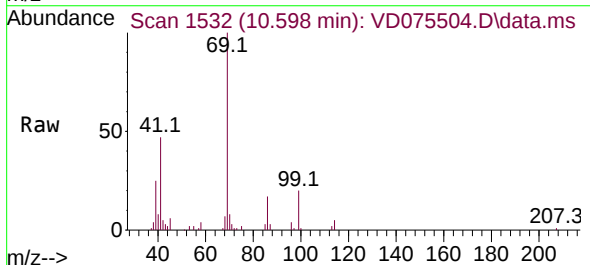
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

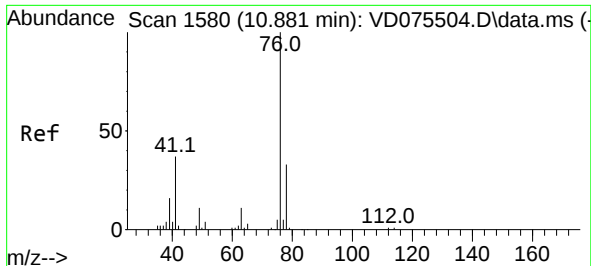
Tgt Ion: 97	Resp: 56867
Ion Ratio	Lower Upper
97 100	
83 72.7	74.2 111.4#
85 52.2	45.4 68.0
99 57.9	50.5 75.7



#56
Ethyl methacrylate
Concen: 47.721 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 69	Resp: 56664
Ion Ratio	Lower Upper
69 100	
41 45.7	59.3 88.9#
39 25.0	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 45.441 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

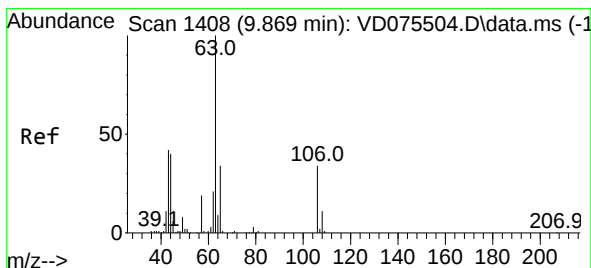
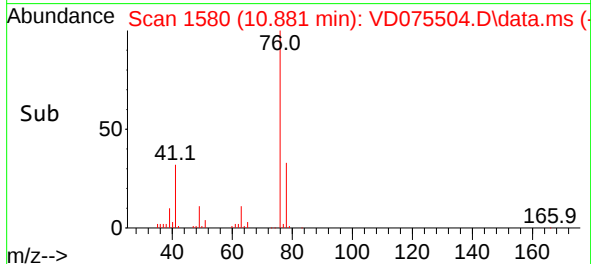
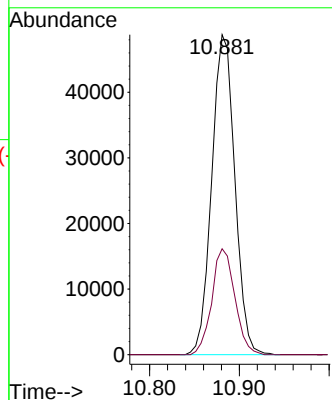
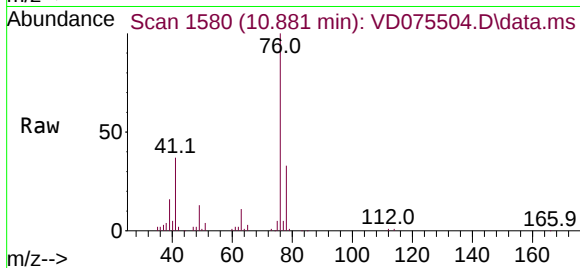
VSTDCCC050

Tgt Ion: 76 Resp: 87213

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 240.675 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075504.D

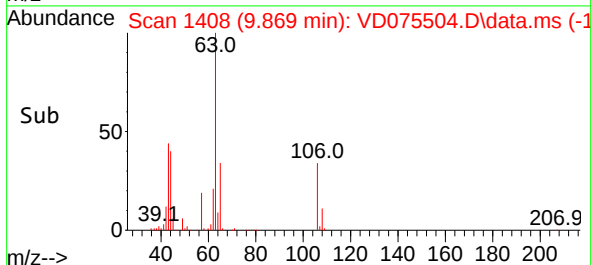
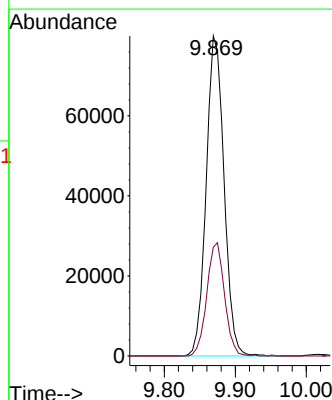
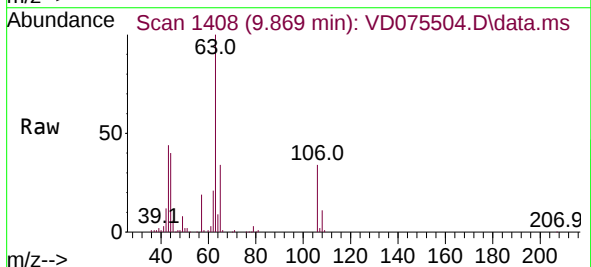
Acq: 13 Mar 2023 11:24

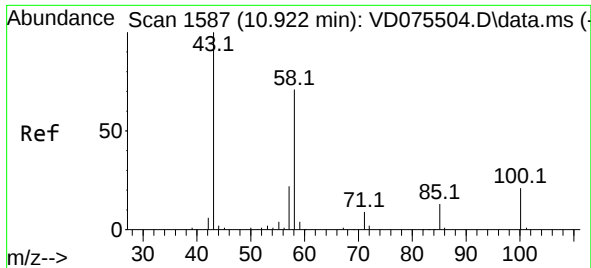
Tgt Ion: 63 Resp: 139862

Ion Ratio Lower Upper

63 100

106 35.2 21.4 32.2#

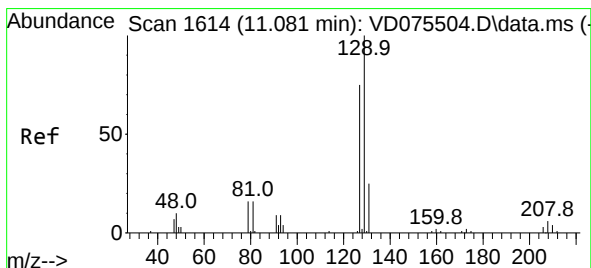
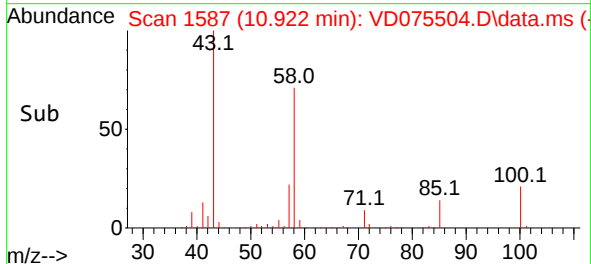
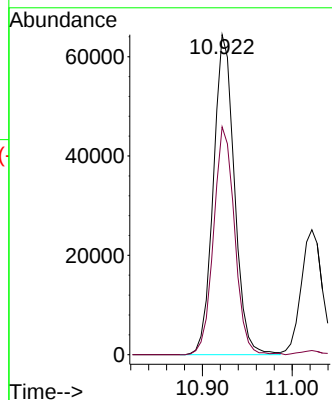
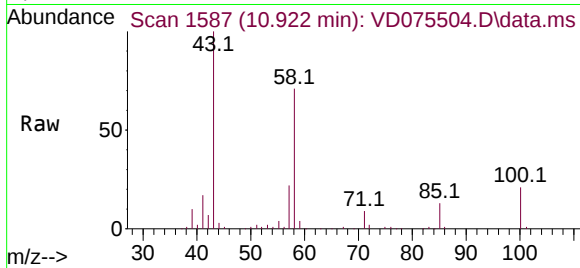




#59
2-Hexanone
Concen: 266.485 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

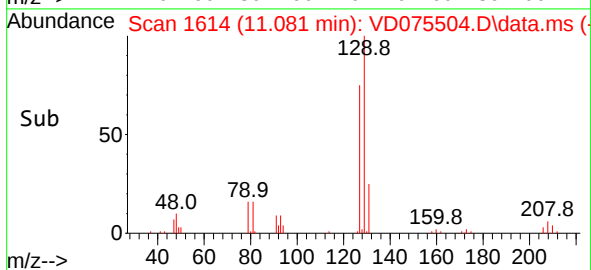
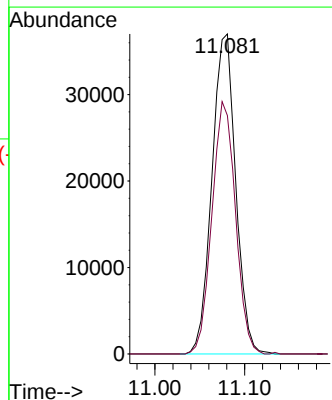
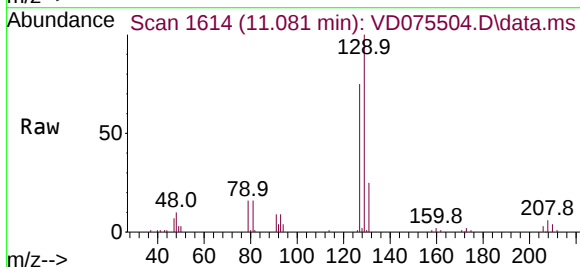
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

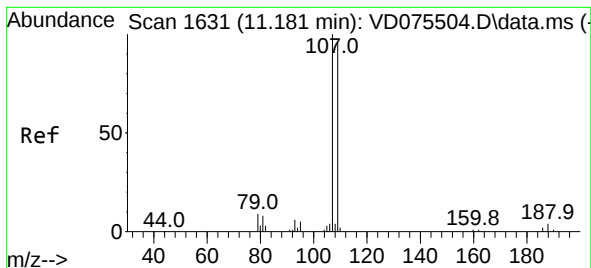
Tgt Ion: 43 Resp: 104833
Ion Ratio Lower Upper
43 100
58 70.9 25.3 75.8



#60
Dibromochloromethane
Concen: 46.213 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 129 Resp: 68092
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5

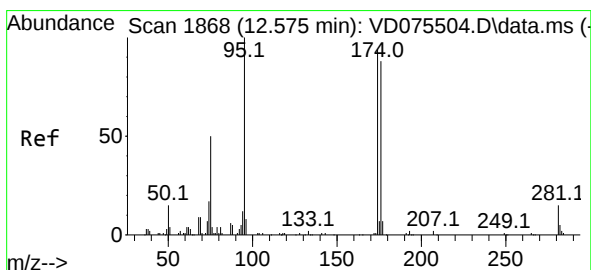
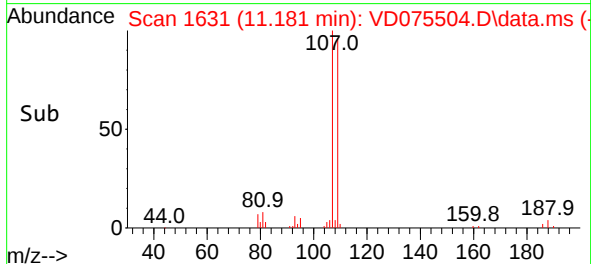
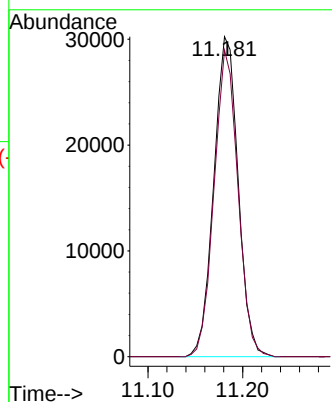
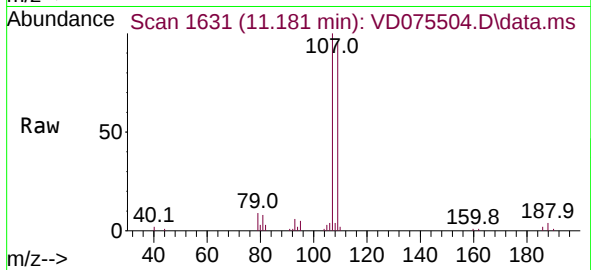




#61
1,2-Dibromoethane
Concen: 45.930 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

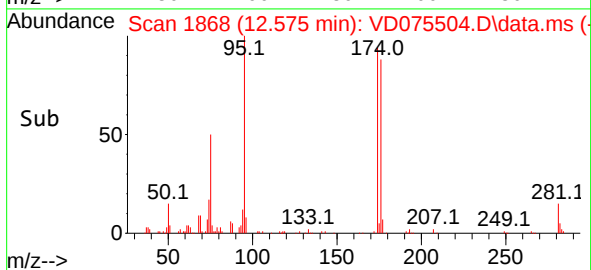
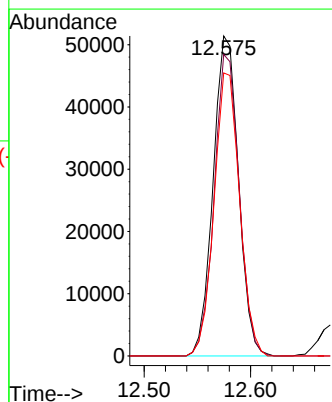
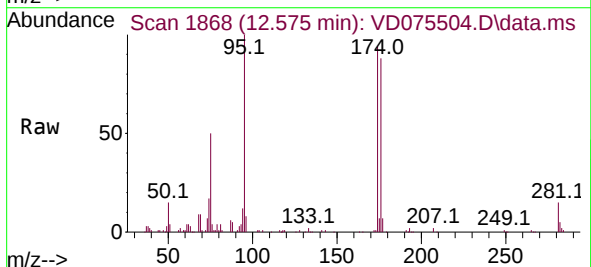
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

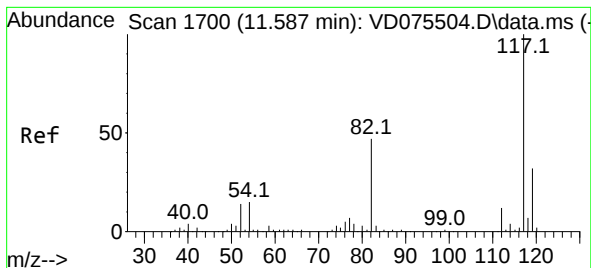
Tgt Ion:107 Resp: 53945
Ion Ratio Lower Upper
107 100
109 93.9 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 95 Resp: 84861
Ion Ratio Lower Upper
95 100
174 93.0 0.0 164.0
176 89.2 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

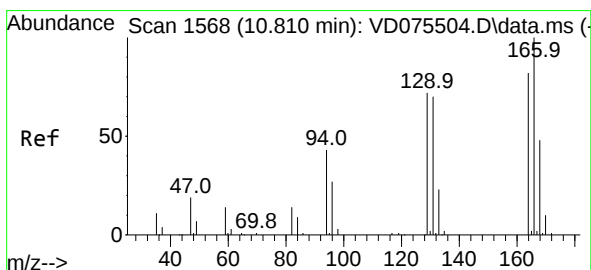
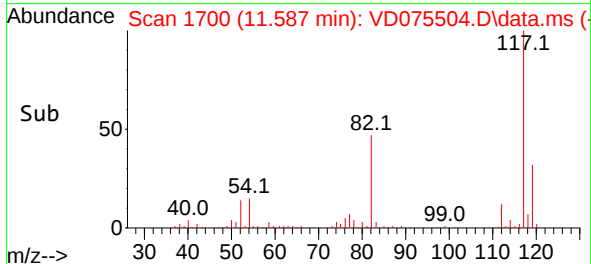
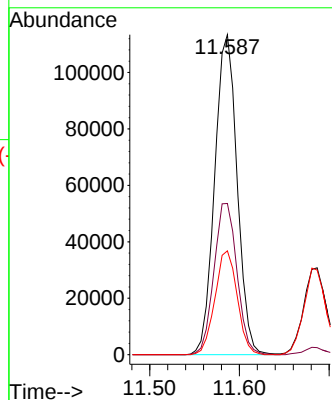
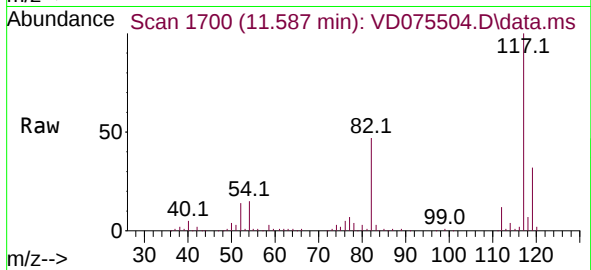
Tgt Ion:117 Resp: 197072

Ion Ratio Lower Upper

117 100

82 47.3 44.0 66.0

119 32.4 25.1 37.7



#64

Tetrachloroethene

Concen: 46.630 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Tgt Ion:164 Resp: 72522

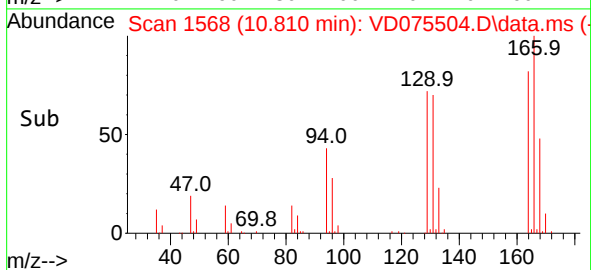
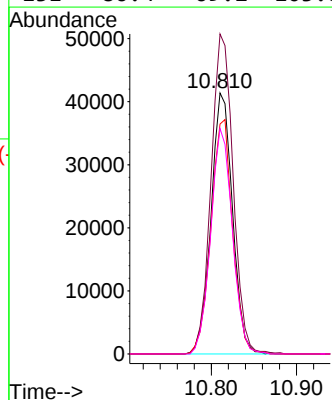
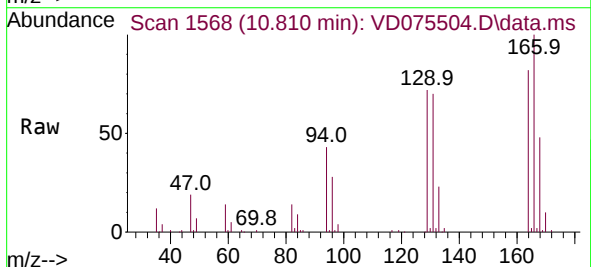
Ion Ratio Lower Upper

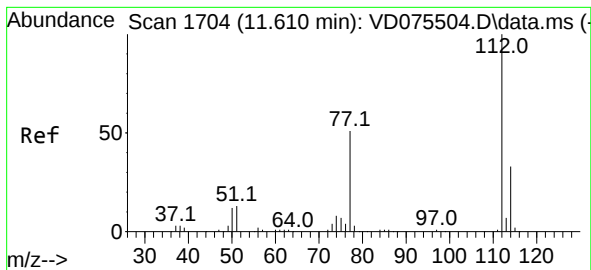
164 100

166 122.6 94.9 142.3

129 88.1 73.0 109.6

131 86.4 69.2 103.8

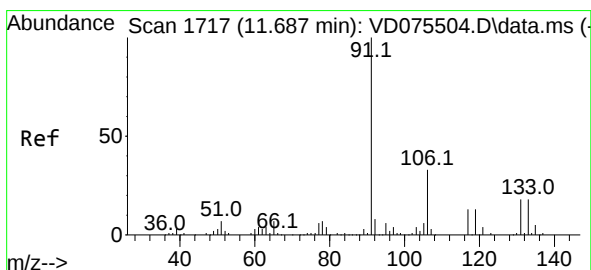
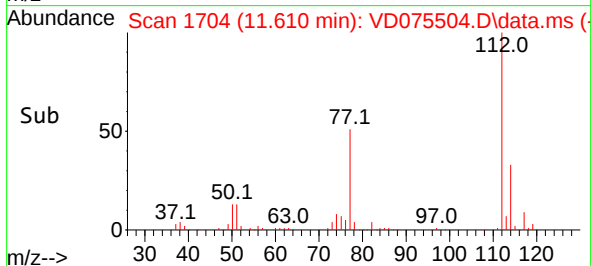
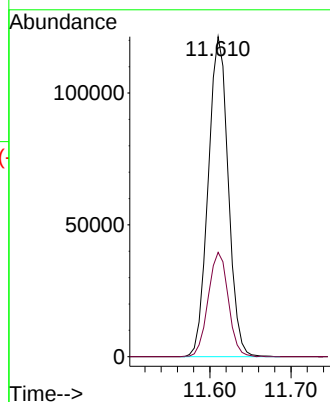
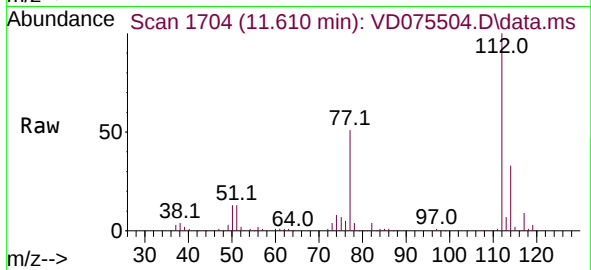




#65
Chlorobenzene
Concen: 44.454 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

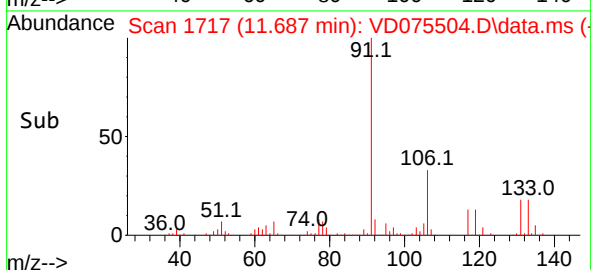
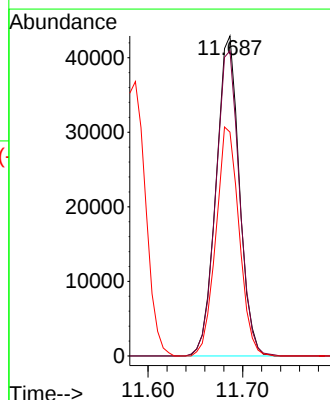
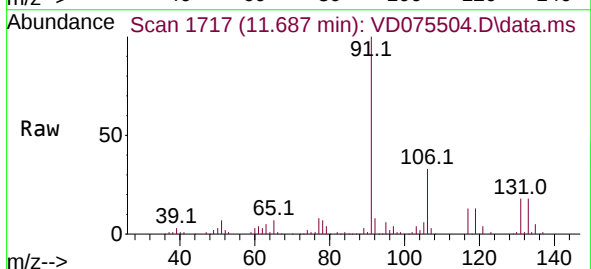
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

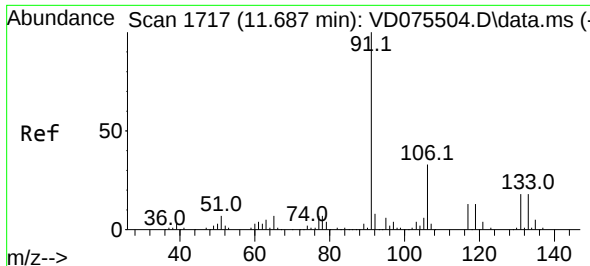
Tgt Ion:112 Resp: 207769
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 45.757 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion:131 Resp: 73265
Ion Ratio Lower Upper
131 100
133 97.4 46.7 140.0
119 71.5 31.9 95.9





#67

Ethyl Benzene

Concen: 45.986 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

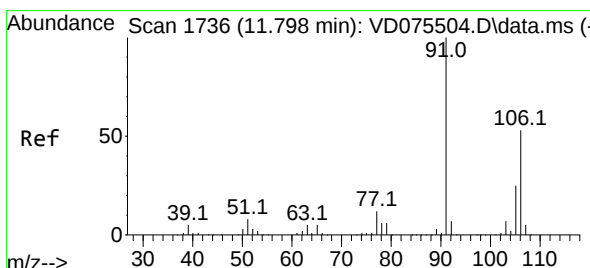
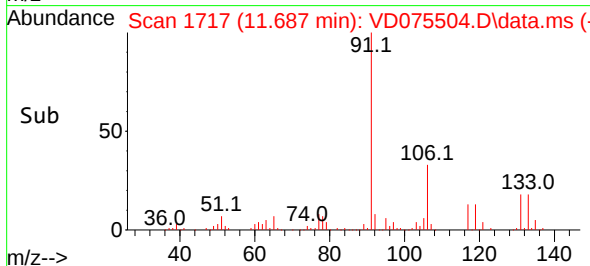
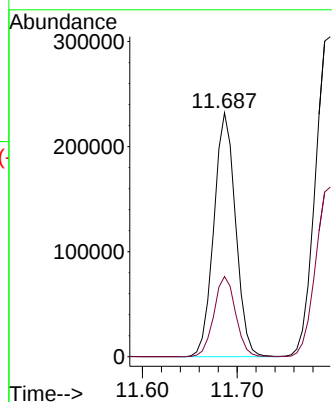
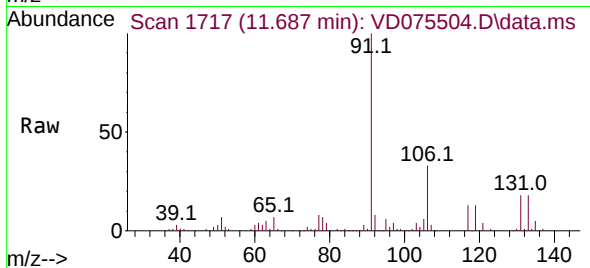
VSTDCCC050

Tgt Ion: 91 Resp: 370151

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 94.359 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VD075504.D

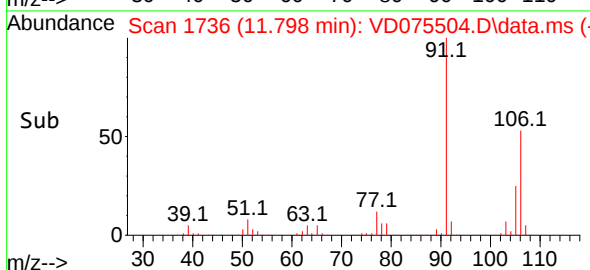
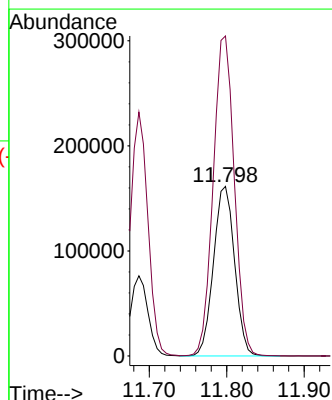
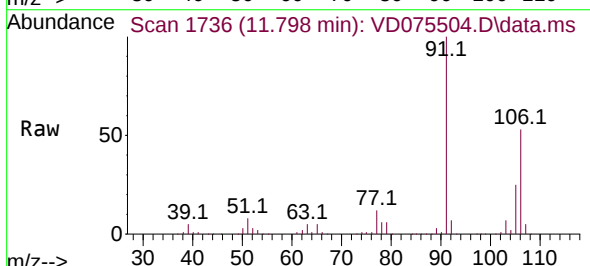
Acq: 13 Mar 2023 11:24

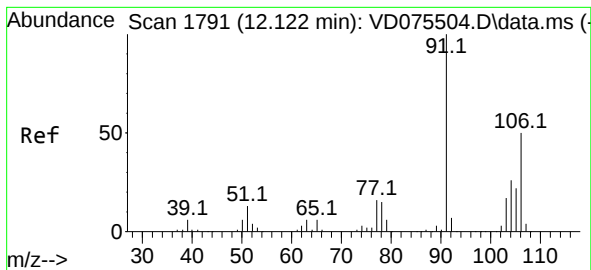
Tgt Ion:106 Resp: 305266

Ion Ratio Lower Upper

106 100

91 188.9 161.5 242.3





#69

o-Xylene

Concen: 46.616 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

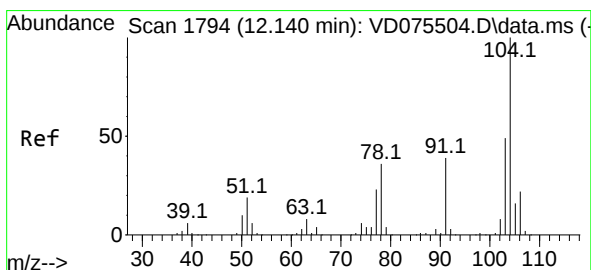
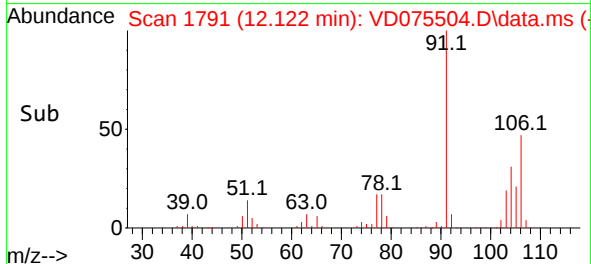
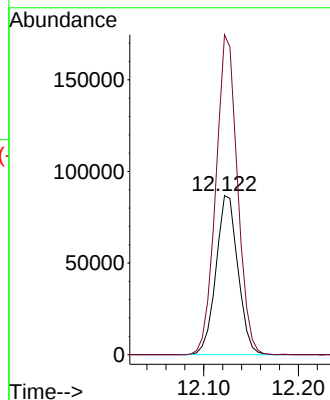
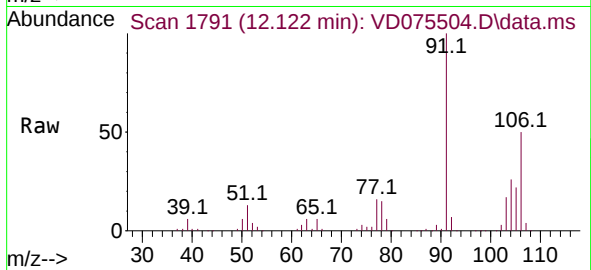
VSTDCCC050

Tgt Ion:106 Resp: 140058

Ion Ratio Lower Upper

106 100

91 198.4 105.7 317.1



#70

Styrene

Concen: 48.181 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

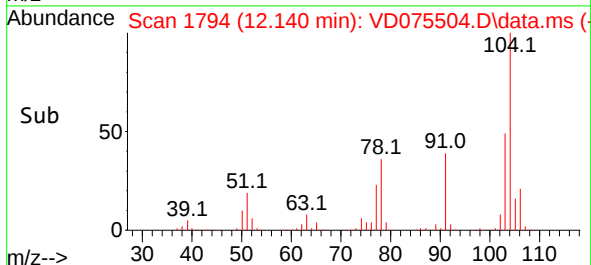
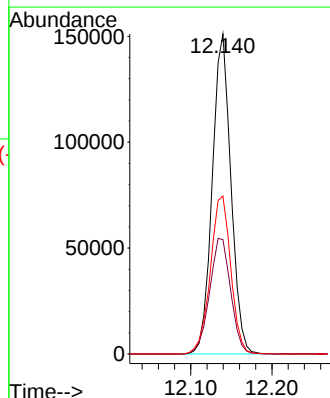
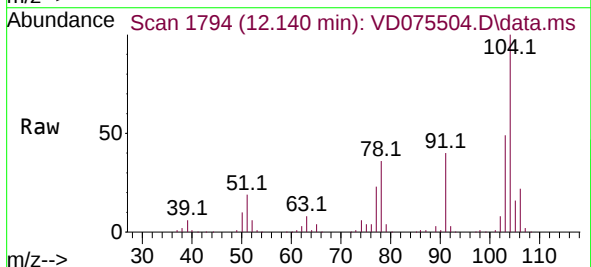
Tgt Ion:104 Resp: 240795

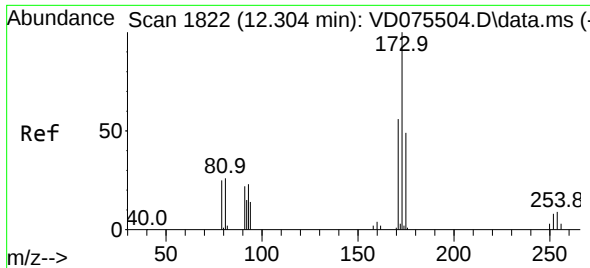
Ion Ratio Lower Upper

104 100

78 40.9 40.2 60.4

103 54.1 44.2 66.2

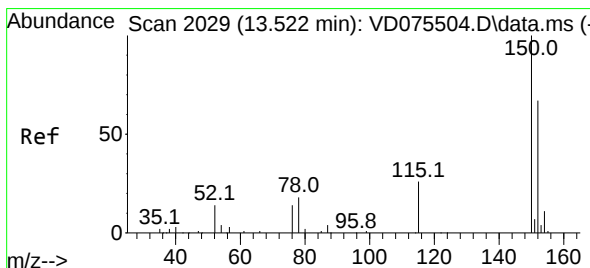
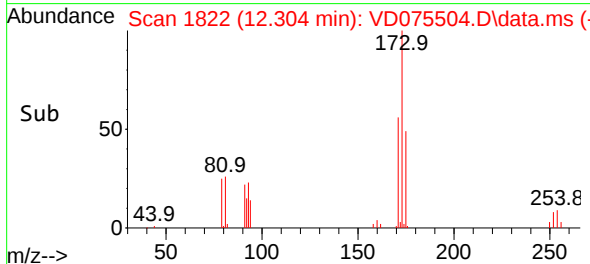
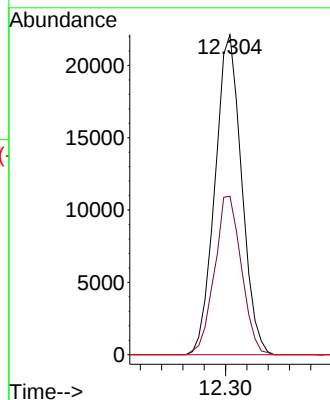
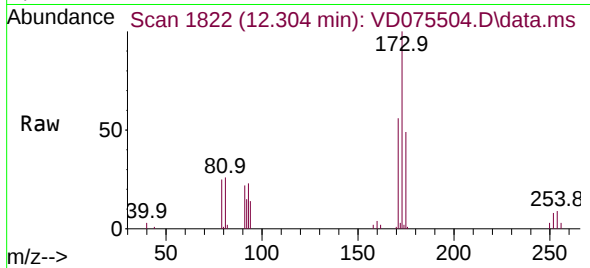




#71
Bromoform
Concen: 46.921 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

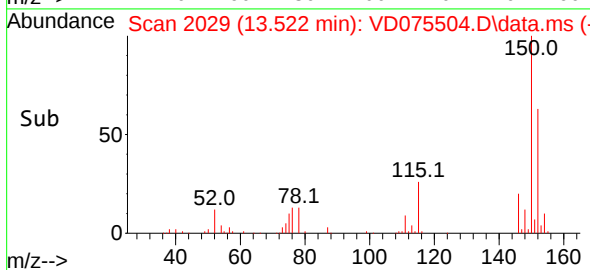
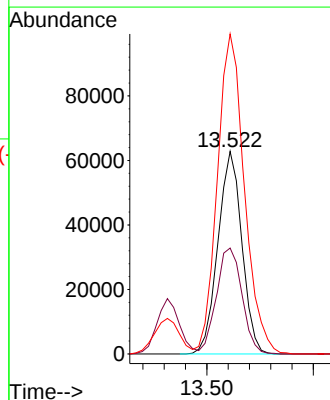
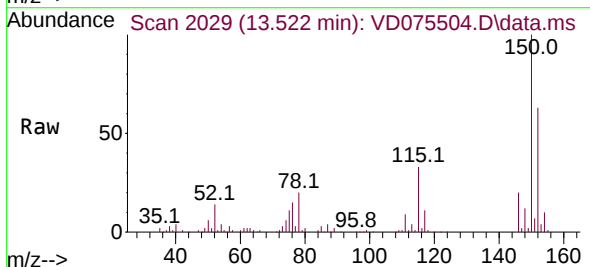
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

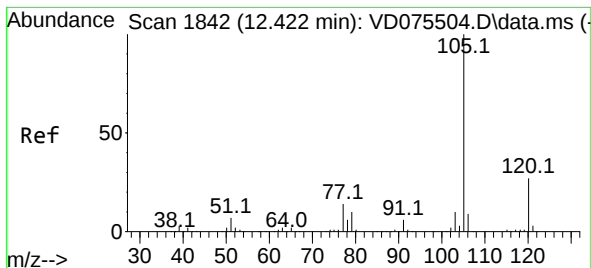
Tgt Ion:173 Resp: 38363
Ion Ratio Lower Upper
173 100
175 50.2 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion:152 Resp: 97828
Ion Ratio Lower Upper
152 100
115 55.7 30.1 90.3
150 178.8 0.0 364.8





#73

Isopropylbenzene

Concen: 46.464 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

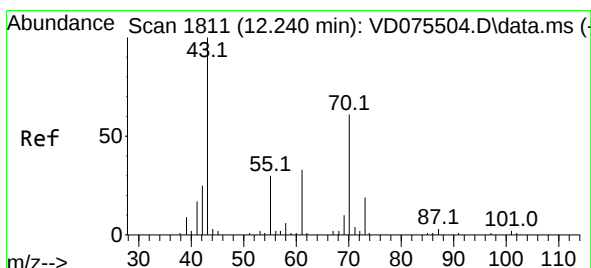
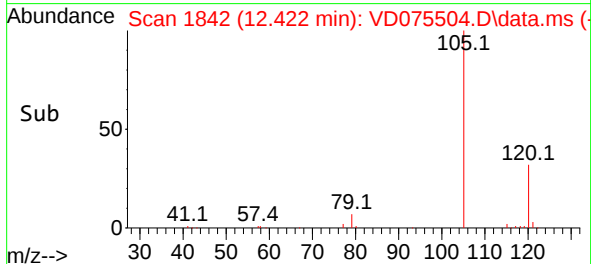
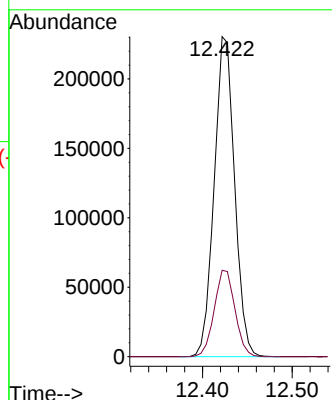
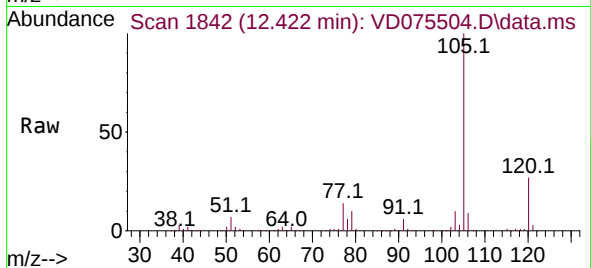
VSTDCCC050

Tgt Ion:105 Resp: 364014

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 46.803 ug/l

RT: 12.240 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Tgt Ion: 43 Resp: 45421

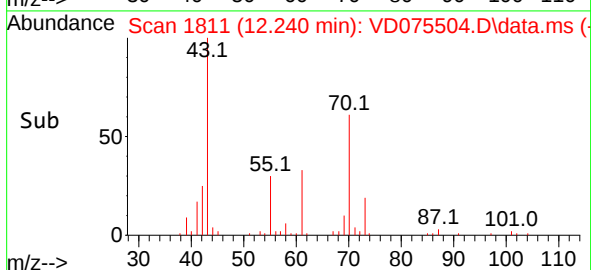
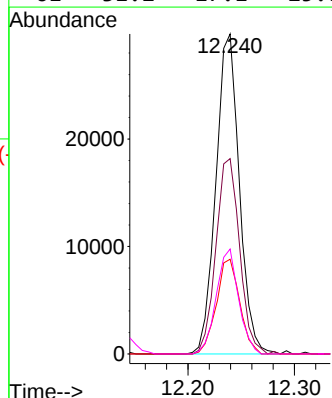
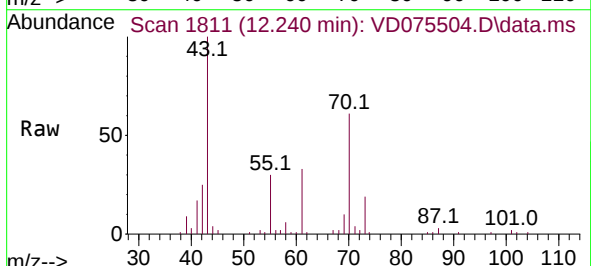
Ion Ratio Lower Upper

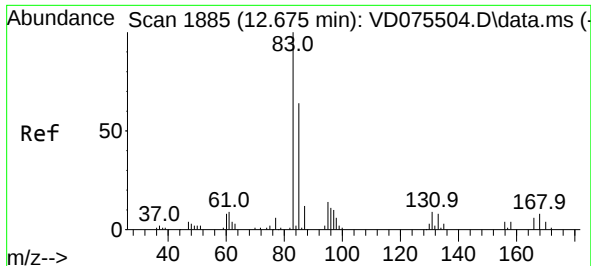
43 100

70 61.8 31.0 46.4#

55 29.5 18.6 28.0#

61 31.2 17.1 25.7#

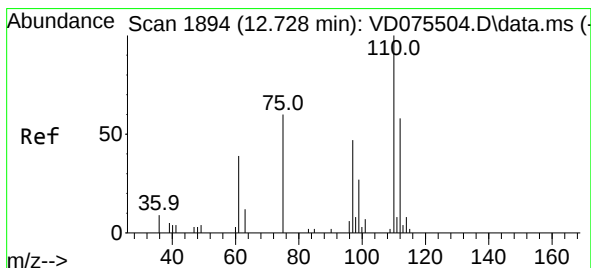
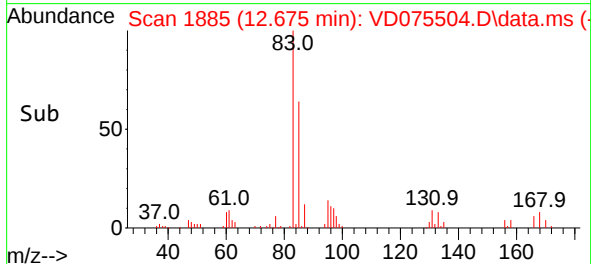
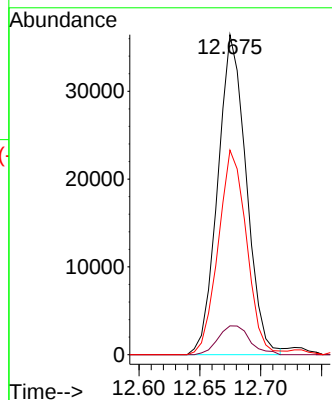
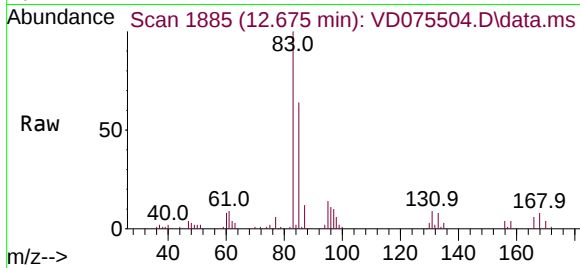




#75
1,1,2,2-Tetrachloroethane
Concen: 44.665 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

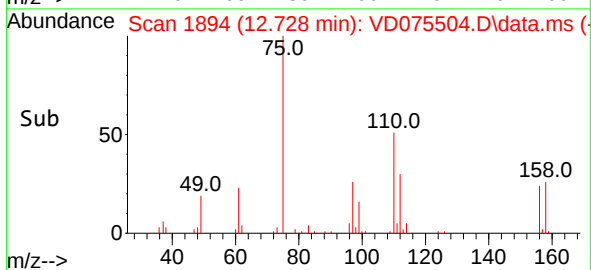
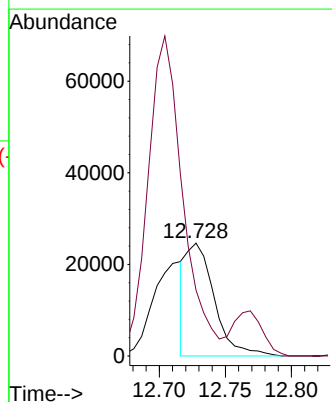
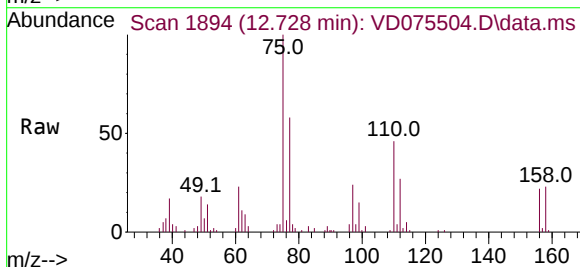
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

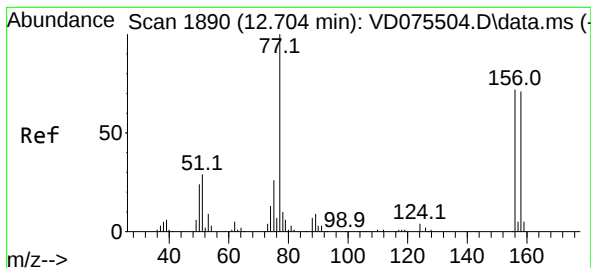
Tgt Ion: 83 Resp: 59345
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 63.8 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 45.567 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 75 Resp: 36560
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.904 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

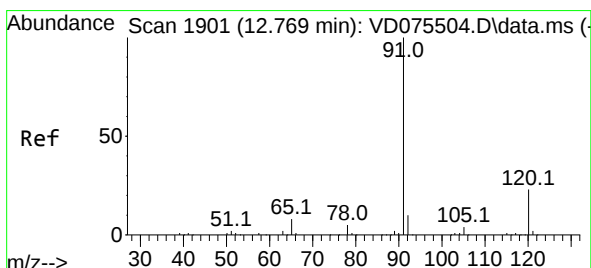
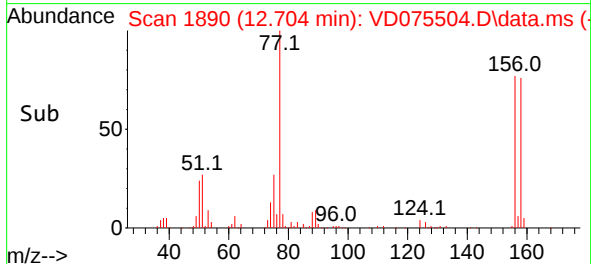
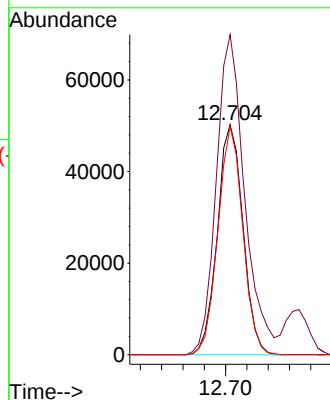
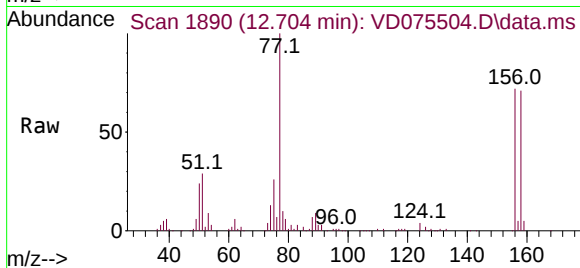
Tgt Ion:156 Resp: 83634

Ion Ratio Lower Upper

156 100

77 153.8 89.5 268.6

158 96.4 47.8 143.4



#78

n-propylbenzene

Concen: 46.200 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VD075504.D

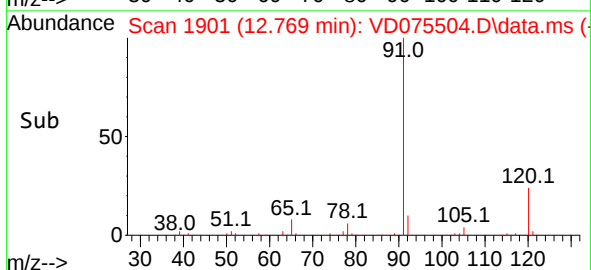
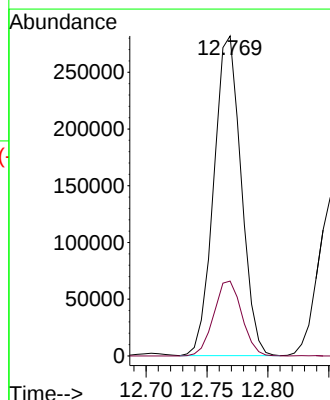
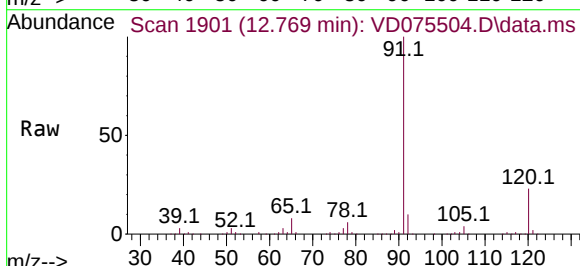
Acq: 13 Mar 2023 11:24

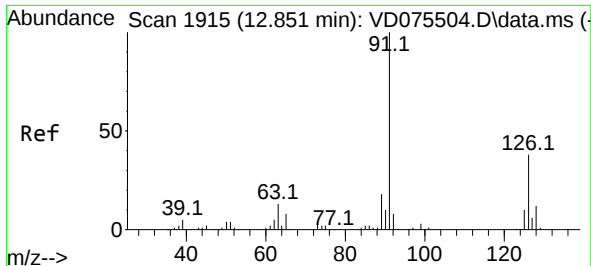
Tgt Ion: 91 Resp: 439794

Ion Ratio Lower Upper

91 100

120 24.1 11.4 34.2





#79

2-Chlorotoluene

Concen: 44.778 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

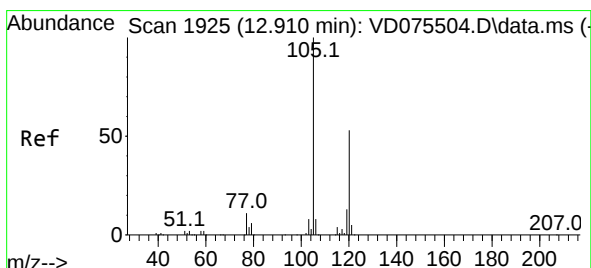
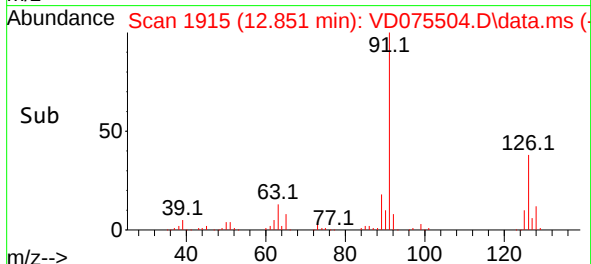
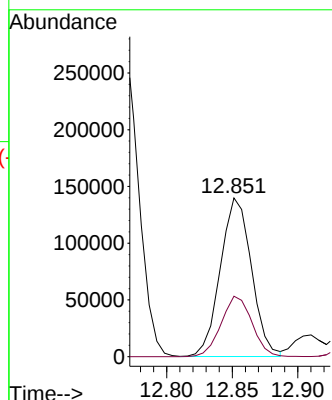
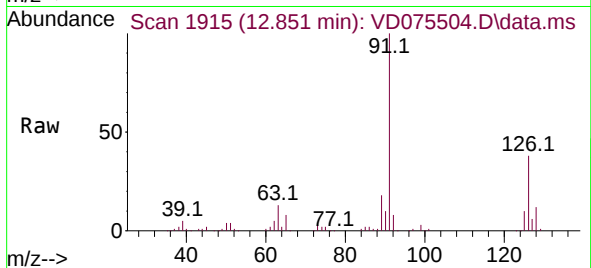
VSTDCCC050

Tgt Ion: 91 Resp: 230976

Ion Ratio Lower Upper

91 100

126 37.7 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 46.034 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VD075504.D

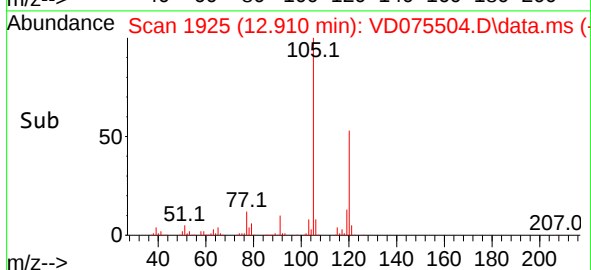
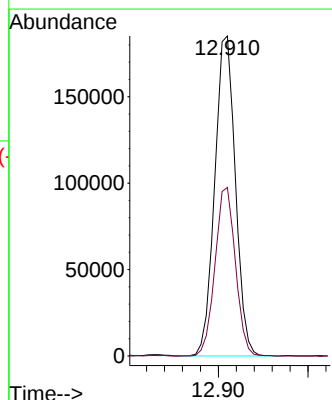
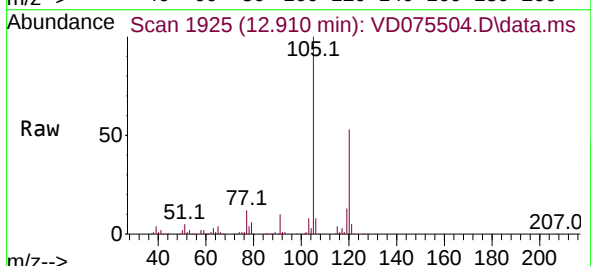
Acq: 13 Mar 2023 11:24

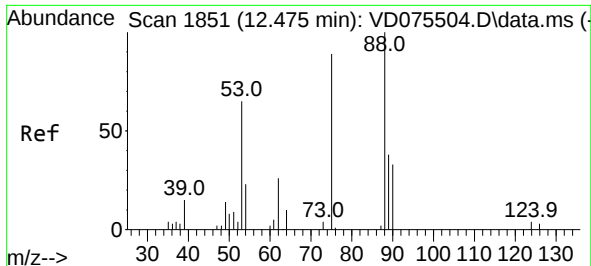
Tgt Ion: 105 Resp: 295736

Ion Ratio Lower Upper

105 100

120 52.0 24.3 72.8

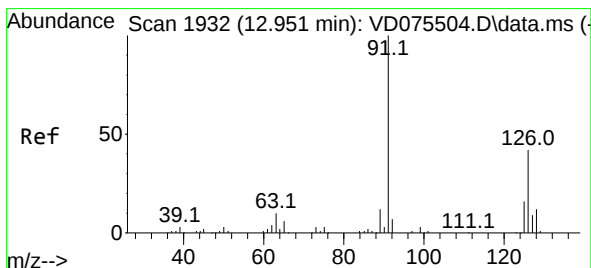
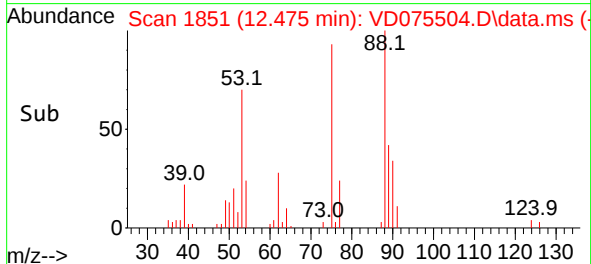
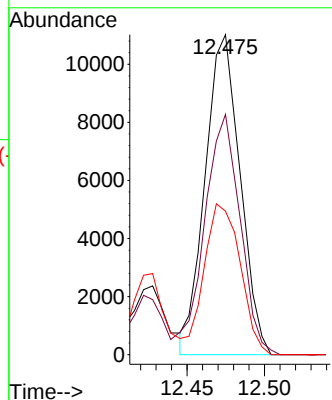
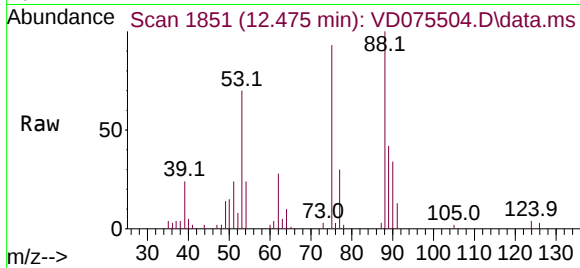




#81
trans-1,4-Dichloro-2-butene
Concen: 45.362 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

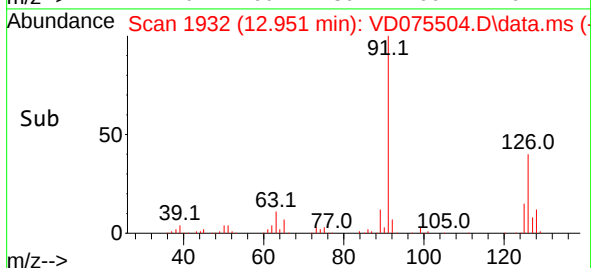
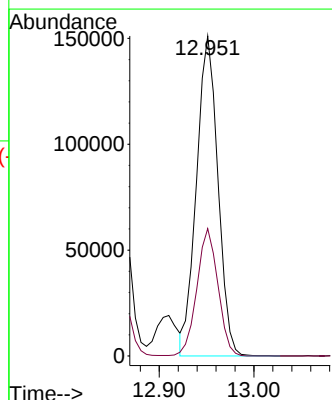
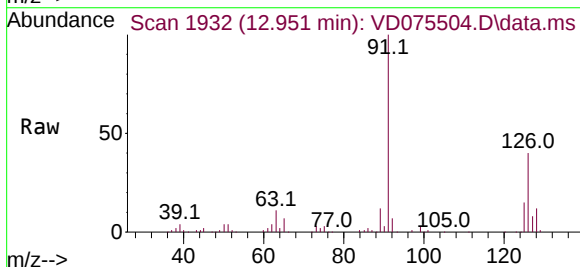
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

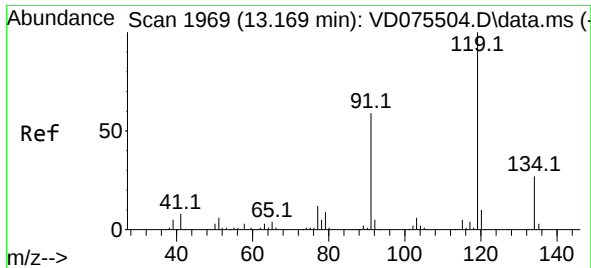
Tgt Ion: 75 Resp: 17303
Ion Ratio Lower Upper
75 100
53 76.5 90.5 135.7#
89 49.0 40.2 60.4



#82
4-Chlorotoluene
Concen: 44.755 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 91 Resp: 238217
Ion Ratio Lower Upper
91 100
126 39.1 17.1 51.2

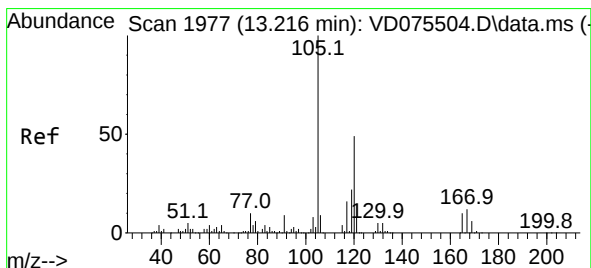
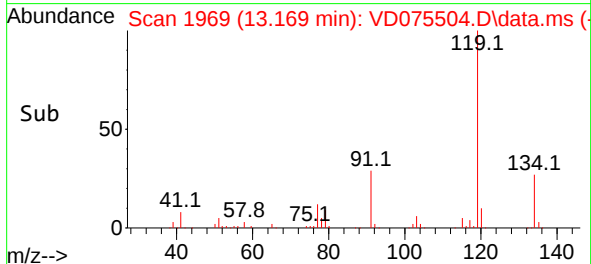
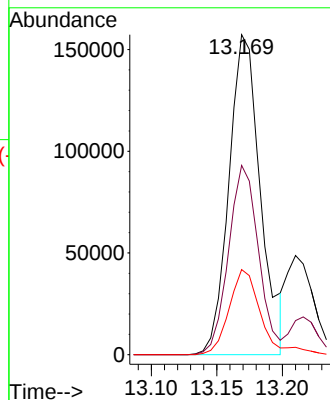
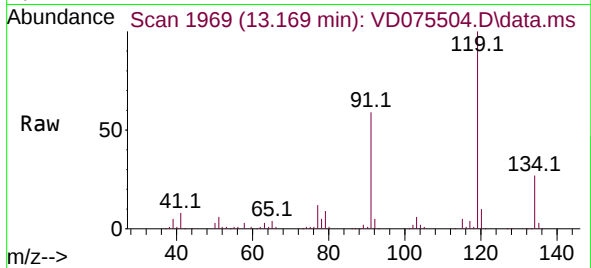




#83
tert-Butylbenzene
Concen: 47.025 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

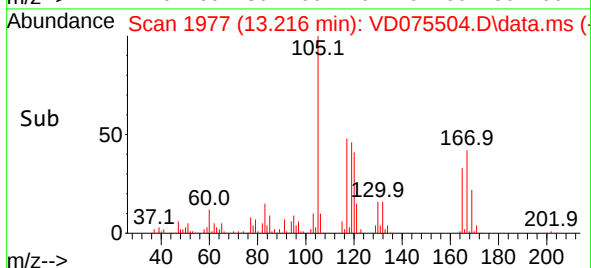
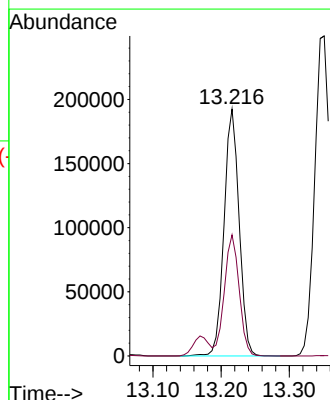
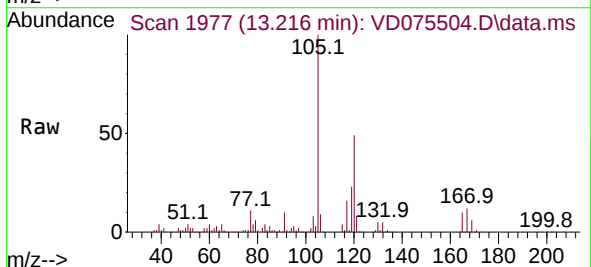
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

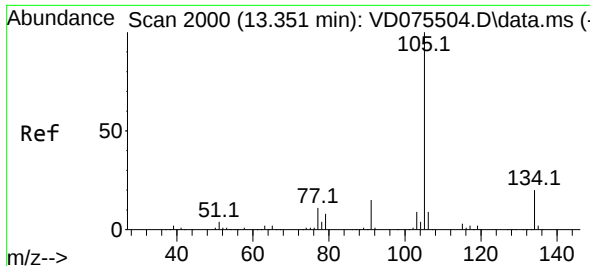
Tgt Ion:119 Resp: 262565
Ion Ratio Lower Upper
119 100
91 56.6 32.4 97.0
134 27.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 47.627 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion:105 Resp: 295707
Ion Ratio Lower Upper
105 100
120 48.2 22.3 66.9

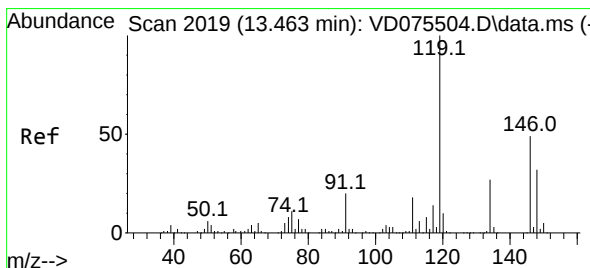
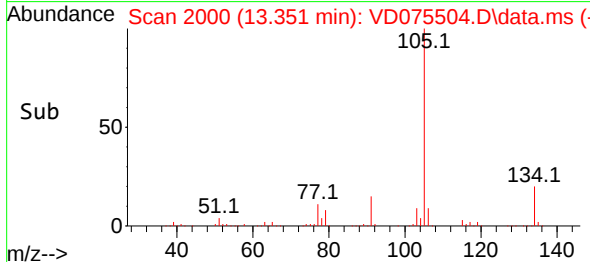
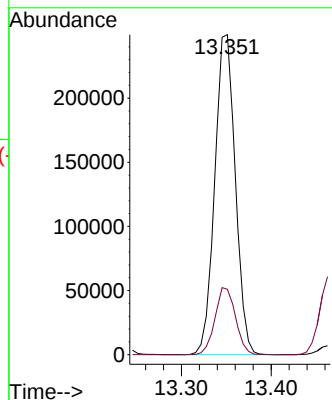
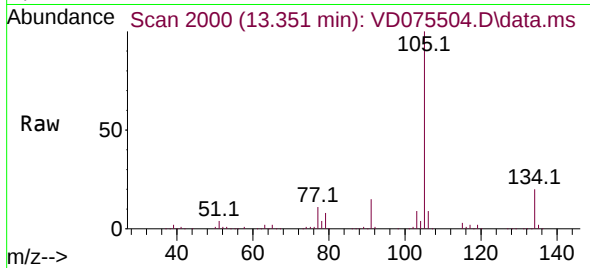




#85
 sec-Butylbenzene
 Concen: 45.917 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

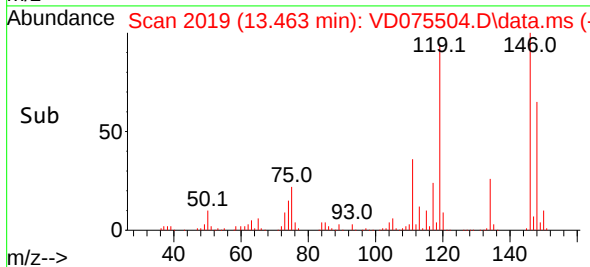
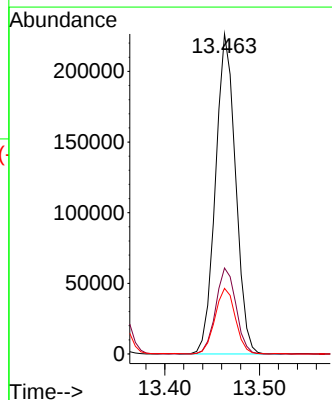
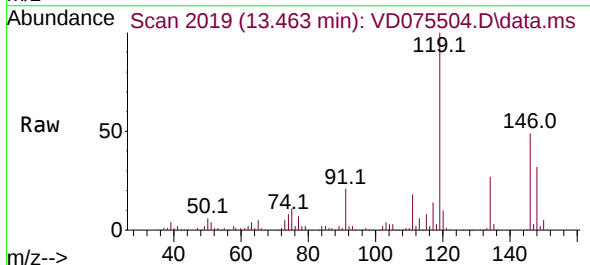
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

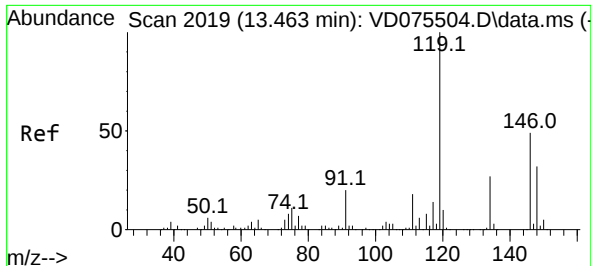
Tgt Ion:105 Resp: 396900
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.244 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075504.D
 Acq: 13 Mar 2023 11:24

Tgt Ion:119 Resp: 333696
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.148 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

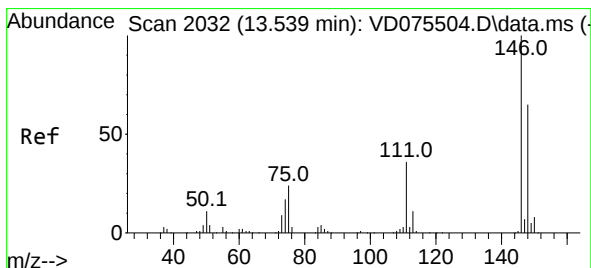
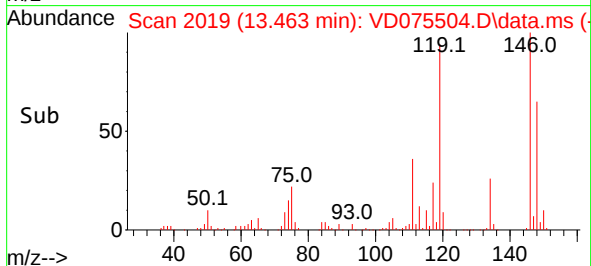
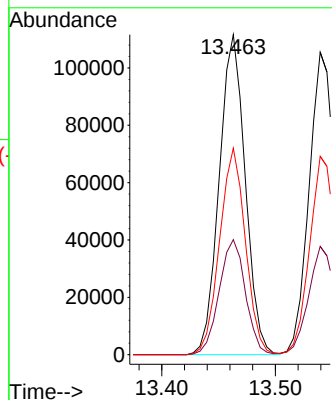
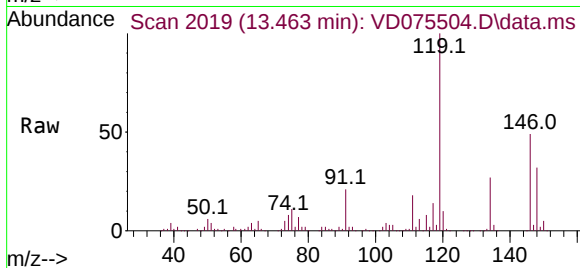
Tgt Ion:146 Resp: 177668

Ion Ratio Lower Upper

146 100

111 36.2 19.8 59.3

148 64.0 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 44.668 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

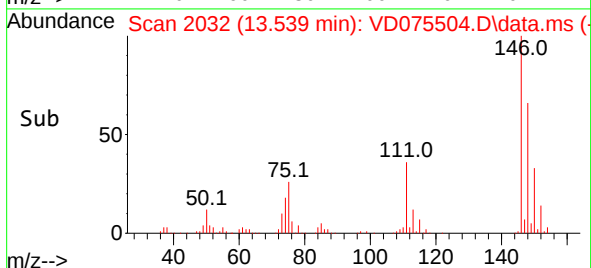
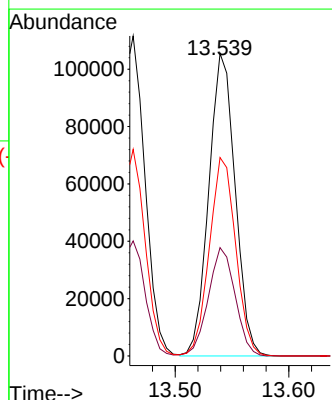
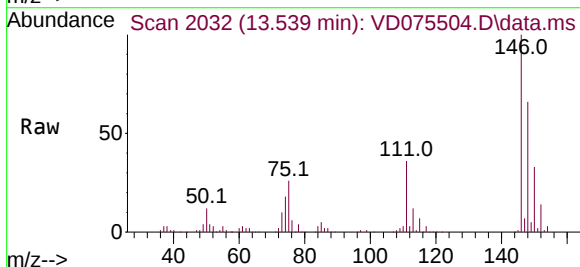
Tgt Ion:146 Resp: 170117

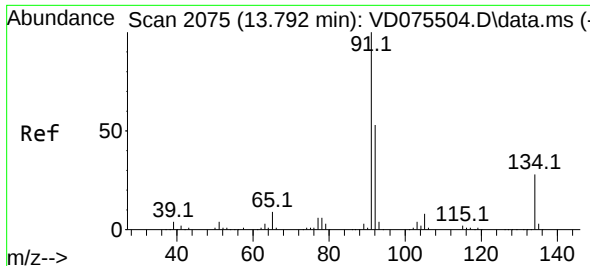
Ion Ratio Lower Upper

146 100

111 36.5 19.6 58.8

148 65.6 31.7 95.1

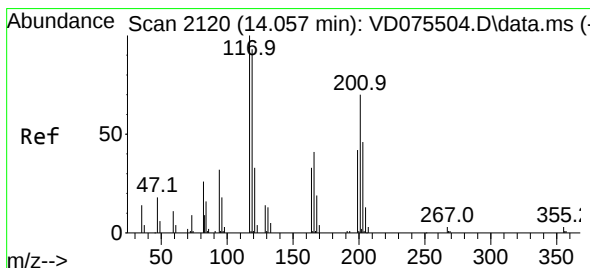
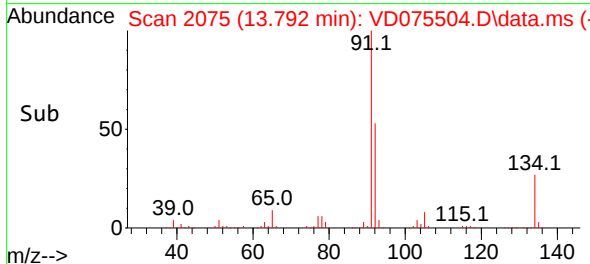
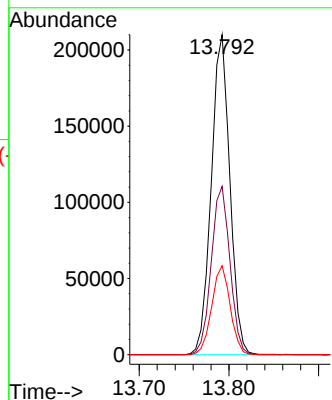
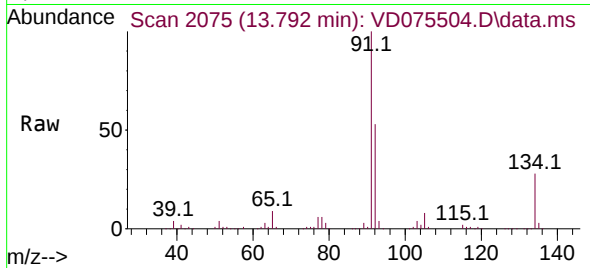




#89
n-Butylbenzene
Concen: 46.636 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

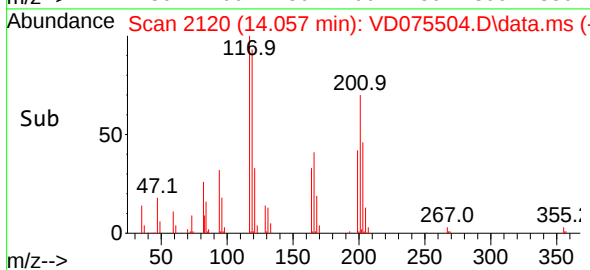
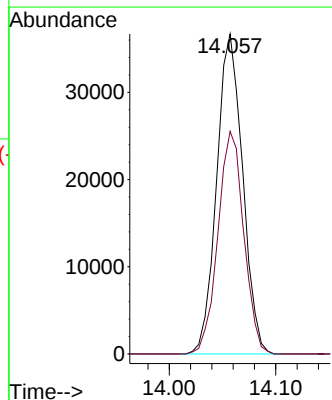
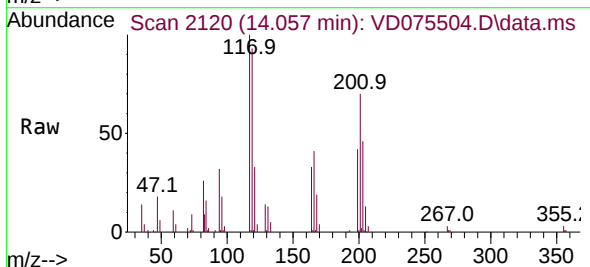
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

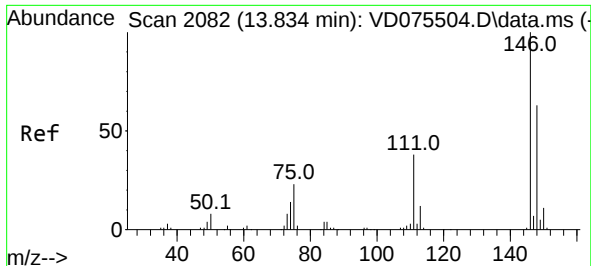
Tgt Ion: 91 Resp: 302100
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 27.6 12.7 38.0



#90
Hexachloroethane
Concen: 45.438 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion: 117 Resp: 61972
Ion Ratio Lower Upper
117 100
201 69.2 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 45.522 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

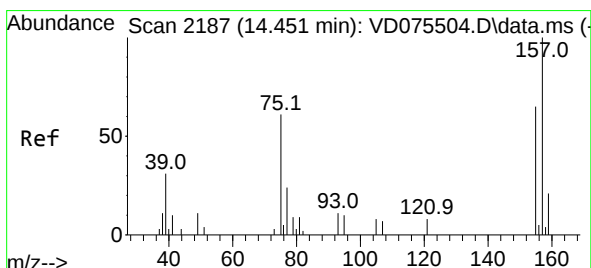
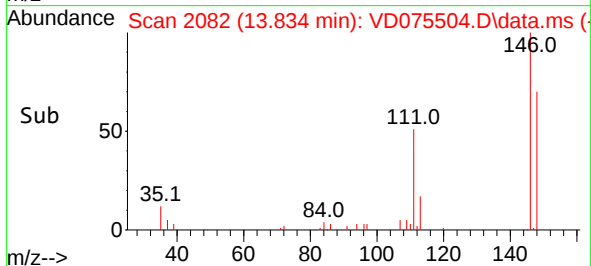
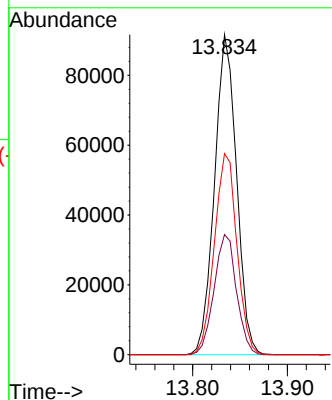
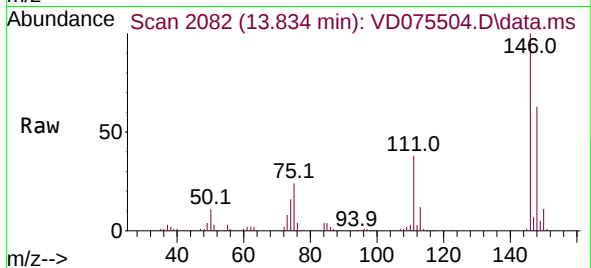
Tgt Ion:146 Resp: 148309

Ion Ratio Lower Upper

146 100

111 38.1 20.6 61.8

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.965 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

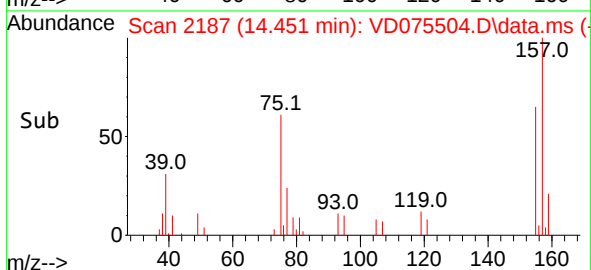
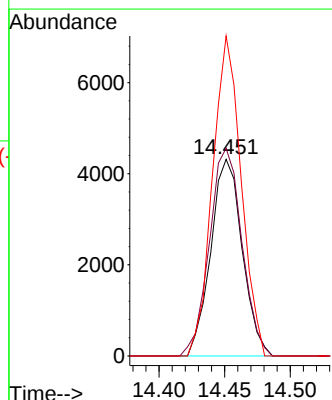
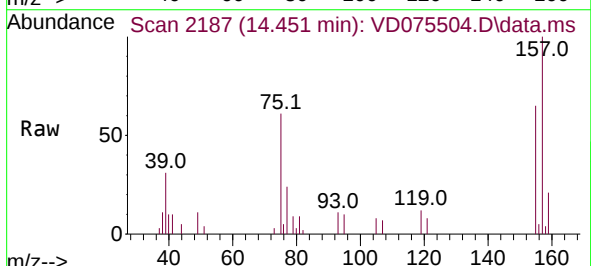
Tgt Ion: 75 Resp: 7184

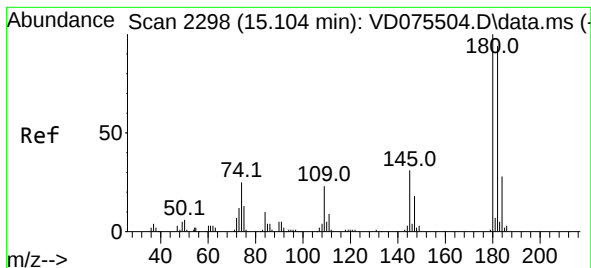
Ion Ratio Lower Upper

75 100

155 109.4 39.5 118.5

157 148.2 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 44.484 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

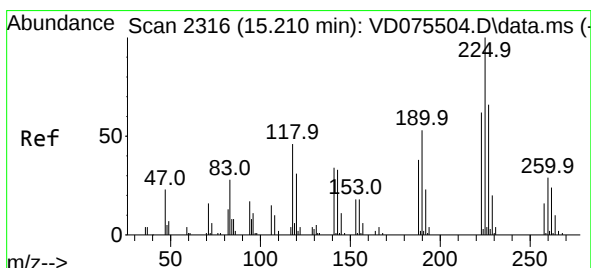
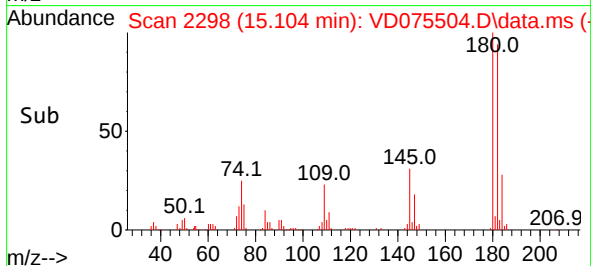
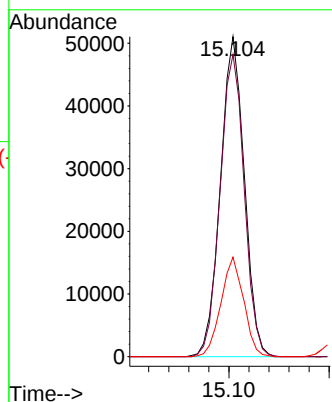
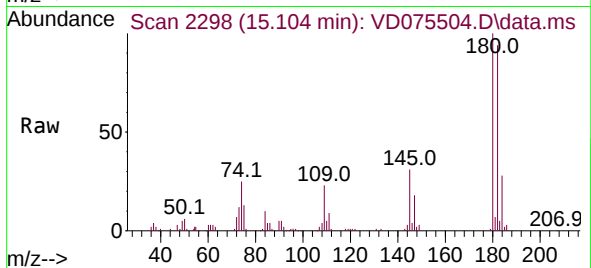
Tgt Ion:180 Resp: 84516

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 29.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 45.341 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. -0.000 min

Lab File: VD075504.D

Acq: 13 Mar 2023 11:24

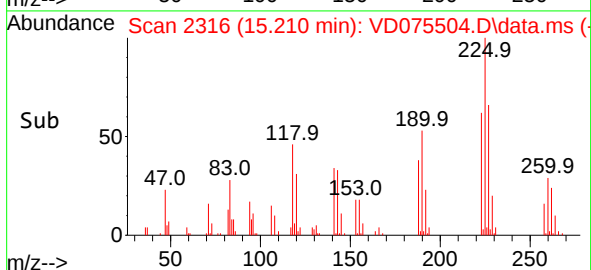
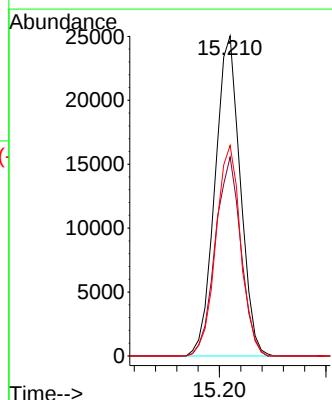
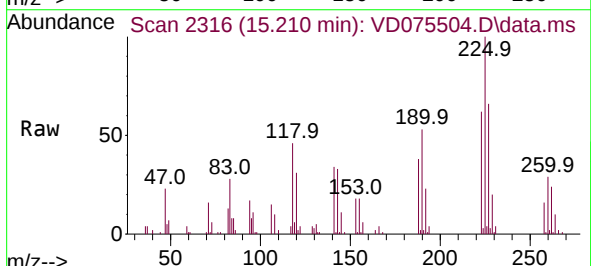
Tgt Ion:225 Resp: 41086

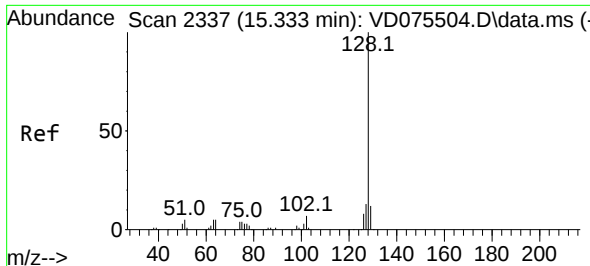
Ion Ratio Lower Upper

225 100

223 63.1 33.1 99.2

227 64.7 31.9 95.9

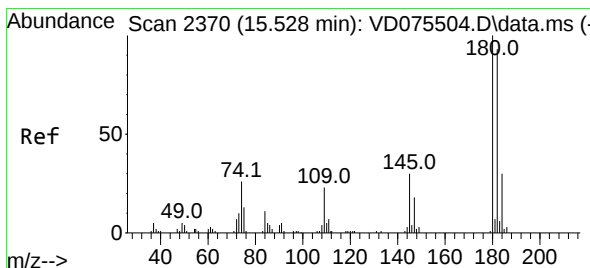
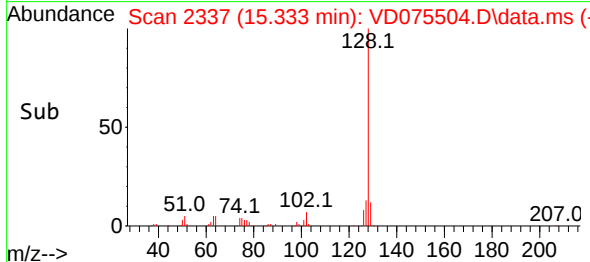
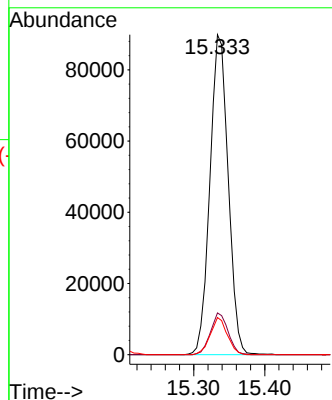
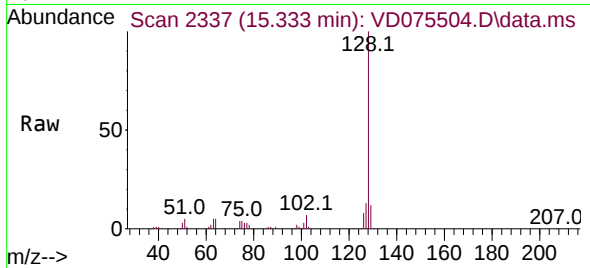




#95
Naphthalene
Concen: 46.023 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	160515
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.4	15.6
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.554 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075504.D
Acq: 13 Mar 2023 11:24

Tgt Ion:	180	Resp:	73042
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.7	143.1
145	31.1	16.4	49.4

