

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075153.D
 Acq On : 20 Jan 2023 15:08
 Operator : KP/SY
 Sample : MDL04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04

Quant Time: Jan 23 01:28:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 23 01:28:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	74576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	125526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	41285	54.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.810	113	42546	49.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.360%	
50) Toluene-d8	10.269	98	171258	50.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.575	95	53511	50.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	1859	2.862	ug/l	96
3) Chloromethane	2.146	50	2963	3.076	ug/l	98
4) Vinyl Chloride	2.287	62	2722	2.633	ug/l	99
5) Bromomethane	2.699	94	2634	3.747	ug/l	96
6) Chloroethane	2.834	64	1944	2.712	ug/l #	84
7) Trichlorofluoromethane	3.169	101	3806	2.897	ug/l #	75
8) Diethyl Ether	3.599	74	1117	2.638	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.981	101	2590	3.193	ug/l #	85
10) Methyl Iodide	4.169	142	1790	1.639	ug/l #	79
11) Tert butyl alcohol	5.034	59	578	10.887	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	2577	3.018	ug/l	95
13) Acrolein	3.793	56	686	13.304	ug/l #	45
14) Allyl chloride	4.552	41	1463	1.056	ug/l #	1
15) Acrylonitrile	5.263	53	2456	13.720	ug/l #	89
16) Acetone	4.022	43	2733	13.617	ug/l #	88
17) Carbon Disulfide	4.275	76	8224	2.969	ug/l	99
18) Methyl Acetate	4.569	43	2049	3.756	ug/l #	71
19) Methyl tert-butyl Ether	5.322	73	4899	2.746	ug/l	91
20) Methylene Chloride	4.799	84	10342	8.171	ug/l #	94
21) trans-1,2-Dichloroethene	5.305	96	1510	1.588	ug/l #	75
22) Diisopropyl ether	6.210	45	3971	1.540	ug/l #	54
23) Vinyl Acetate	6.163	43	9007	7.923	ug/l	96
24) 1,1-Dichloroethane	6.116	63	5104	3.149	ug/l #	80
25) 2-Butanone	7.087	43	3525	14.531	ug/l	95
26) 2,2-Dichloropropane	7.069	77	3708	2.566	ug/l #	69
27) cis-1,2-Dichloroethene	7.081	96	3089	2.981	ug/l	96
28) Bromochloromethane	7.428	49	1345	3.039	ug/l #	85
29) Tetrahydrofuran	7.457	42	1826	13.198	ug/l #	89
30) Chloroform	7.604	83	4820	2.982	ug/l	97
31) Cyclohexane	7.875	56	6369	4.173	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	3862	2.773	ug/l	95
36) 1,1-Dichloropropene	8.016	75	3679	2.674	ug/l	94
37) Ethyl Acetate	7.181	43	1482	2.674	ug/l #	67
38) Carbon Tetrachloride	7.999	117	2281	1.969	ug/l	85
39) Methylcyclohexane	9.281	83	4611	2.719	ug/l	92
40) Benzene	8.257	78	10873	2.771	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	938	2.812	ug/l #	52
42) 1,2-Dichloroethane	8.328	62	2816	2.732	ug/l	85
43) Isopropyl Acetate	8.357	43	2684	2.488	ug/l #	91
44) Trichloroethene	9.028	130	2831	2.566	ug/l	97
45) 1,2-Dichloropropane	9.304	63	2562	2.651	ug/l	94
46) Dibromomethane	9.393	93	1396	2.739	ug/l #	87
47) Bromodichloromethane	9.587	83	3463	2.738	ug/l #	97
48) Methyl methacrylate	9.387	41	1177	2.231	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	6304	12.170	ug/l	100
52) Toluene	10.340	92	6813	2.748	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	2660	2.223	ug/l	93
54) cis-1,3-Dichloropropene	10.022	75	3332	2.279	ug/l	95
55) 1,1,2-Trichloroethane	10.740	97	1908	2.828	ug/l #	84
56) Ethyl methacrylate	10.598	69	1866	2.300	ug/l #	91
57) 1,3-Dichloropropane	10.887	76	2948	2.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	2683	9.665	ug/l	95
59) 2-Hexanone	10.922	43	4587	12.247	ug/l	93
60) Dibromochloromethane	11.075	129	1838	2.260	ug/l	93
61) 1,2-Dibromoethane	11.181	107	1747	2.710	ug/l	89
64) Tetrachloroethene	10.810	164	2513	2.803	ug/l	90
65) Chlorobenzene	11.610	112	6986	2.716	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.687	131	2232	2.580	ug/l	91
67) Ethyl Benzene	11.687	91	11975	2.586	ug/l	98
68) m/p-Xylenes	11.792	106	8994	5.029	ug/l	96
69) o-Xylene	12.128	106	4407	2.627	ug/l	100
70) Styrene	12.140	104	7101	2.546	ug/l	97
71) Bromoform	12.304	173	972	2.176	ug/l #	94
73) Isopropylbenzene	12.422	105	10937	2.592	ug/l	98
74) N-amyl acetate	12.240	43	2204	2.384	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.681	83	1869	2.780	ug/l #	95
76) 1,2,3-Trichloropropane	12.722	75	2237	4.945	ug/l #	100
77) Bromobenzene	12.704	156	2695	2.796	ug/l	93
78) n-propylbenzene	12.763	91	14586	2.813	ug/l	96
79) 2-Chlorotoluene	12.857	91	7850	2.753	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	8925	2.582	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.575	75	26988	138.369	ug/l #	14
82) 4-Chlorotoluene	12.951	91	8470	2.889	ug/l	99
83) tert-Butylbenzene	13.169	119	7253	2.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	8060	2.374	ug/l	99
85) sec-Butylbenzene	13.351	105	12273	2.701	ug/l	98
86) p-Isopropyltoluene	13.463	119	9552	2.568	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	5129	2.745	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	5212	2.836	ug/l	88
89) n-Butylbenzene	13.792	91	10053	2.773	ug/l	94
90) Hexachloroethane	14.051	117	1564	2.381	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	4439	2.777	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	2682	2.555	ug/l	97
94) Hexachlorobutadiene	15.204	225	1208	2.348	ug/l	93
95) Naphthalene	15.333	128	5341	2.556	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	2108	2.354	ug/l	97

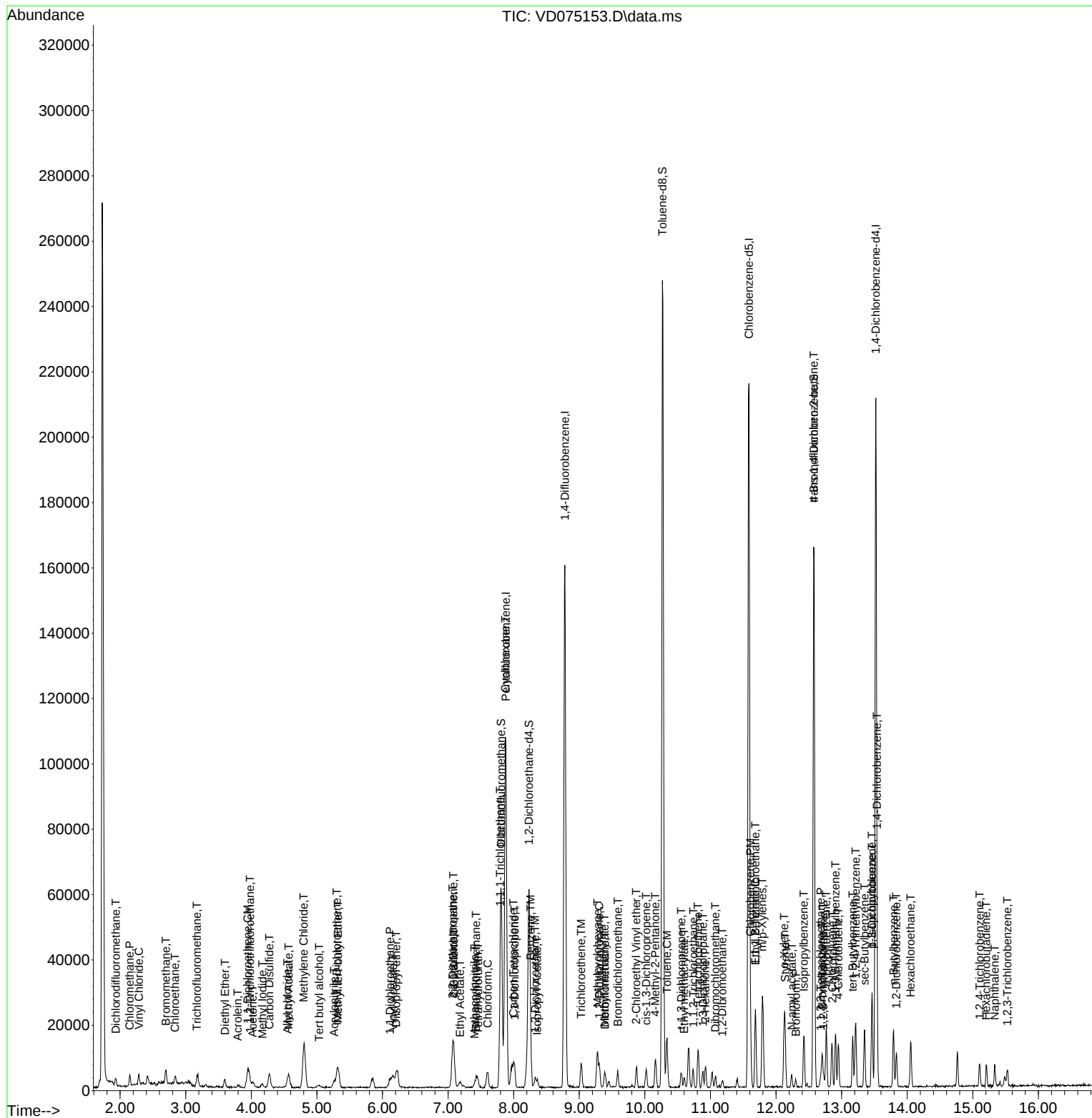
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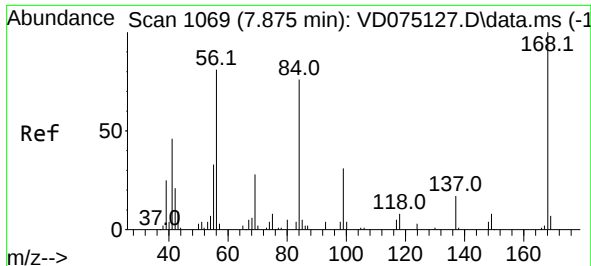
Instrument :
MSVOA_D
ClientSampleId :
MDL04

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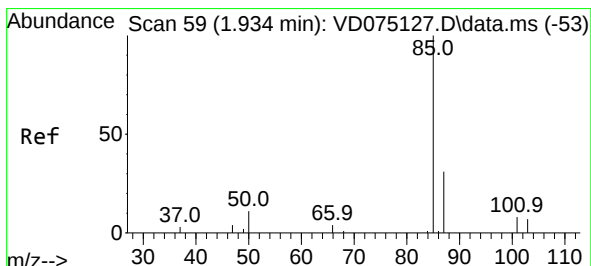
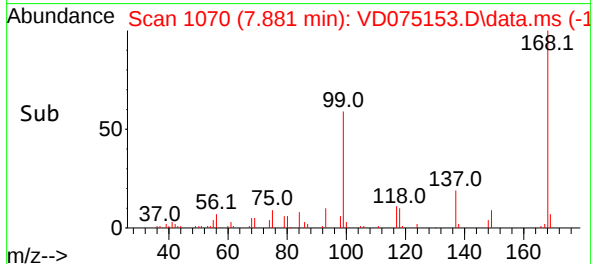
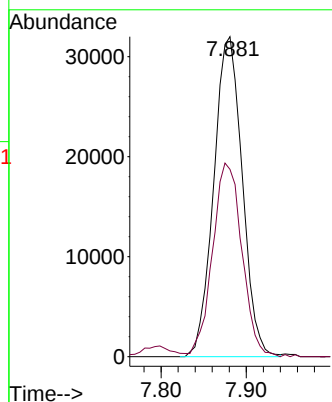
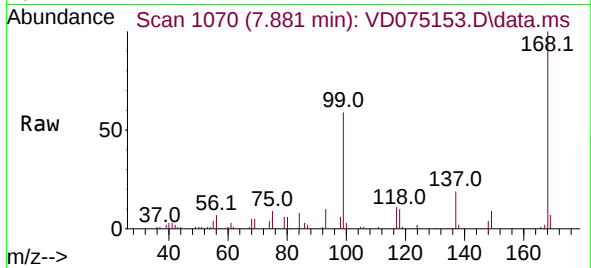




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

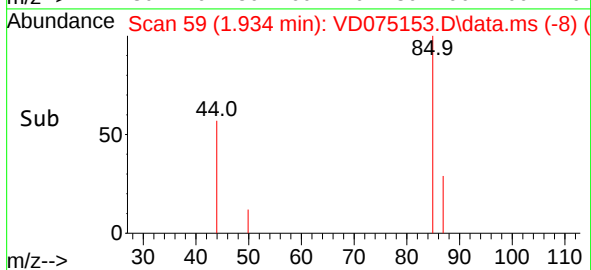
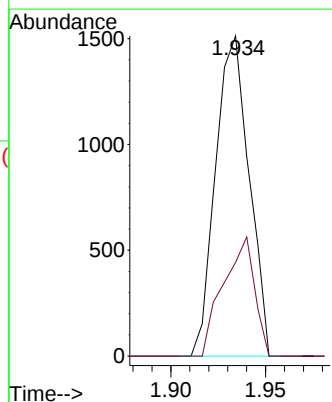
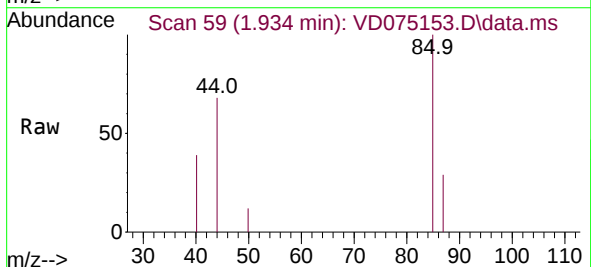
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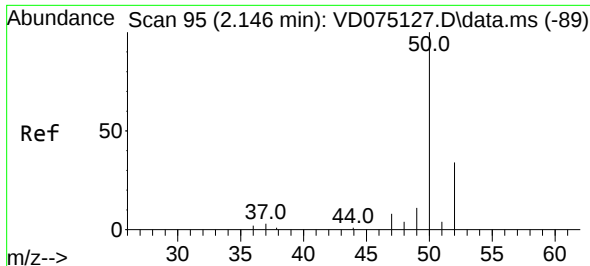
Tgt Ion:168 Resp: 74576
Ion Ratio Lower Upper
168 100
99 58.6 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 2.862 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 85 Resp: 1859
Ion Ratio Lower Upper
85 100
87 29.2 15.7 47.0

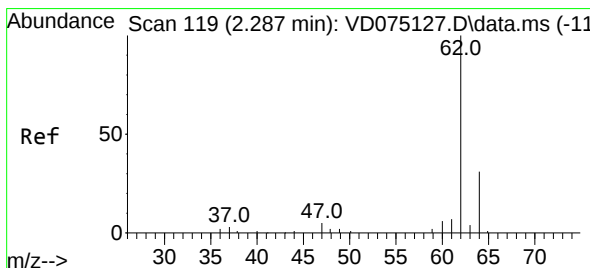
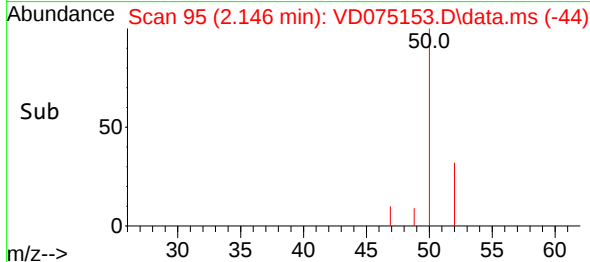
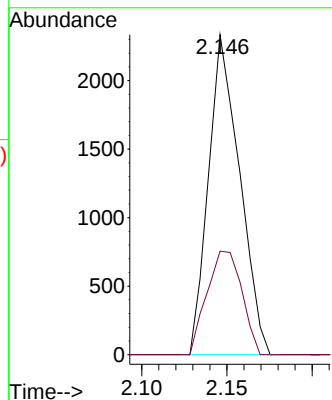
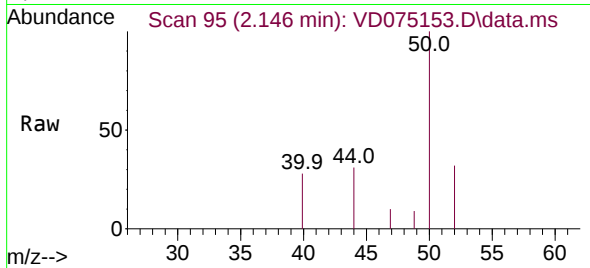




#3
Chloromethane
Concen: 3.076 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

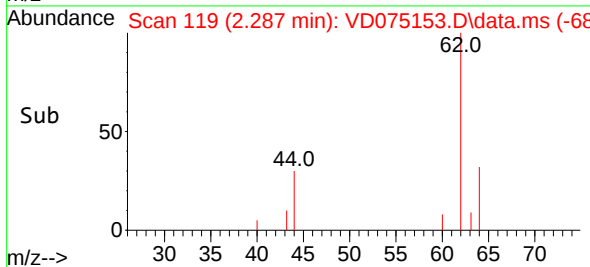
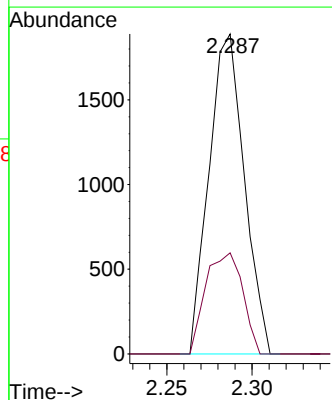
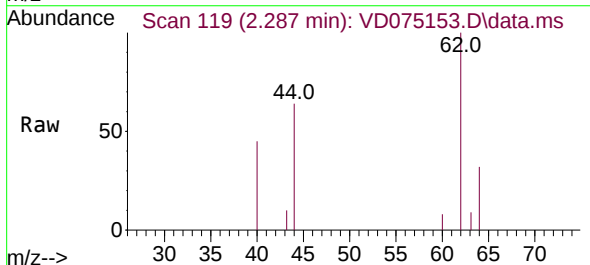
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ClientSampleId :
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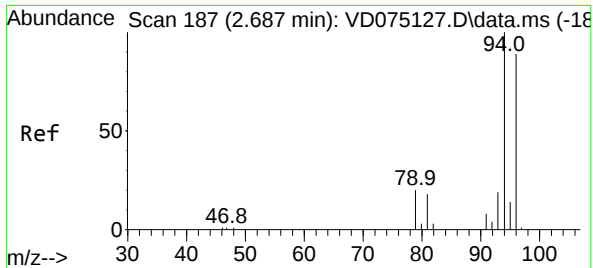
Tgt Ion: 50 Resp: 2963
Ion Ratio Lower Upper
50 100
52 32.4 27.0 40.6



#4
Vinyl Chloride
Concen: 2.633 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 62 Resp: 2722
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2

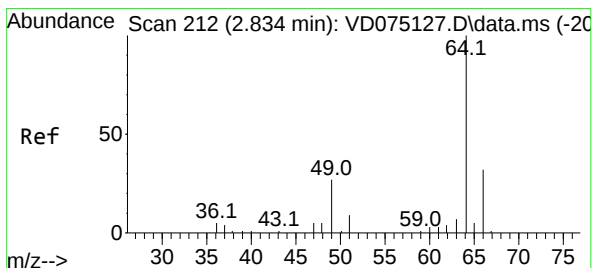
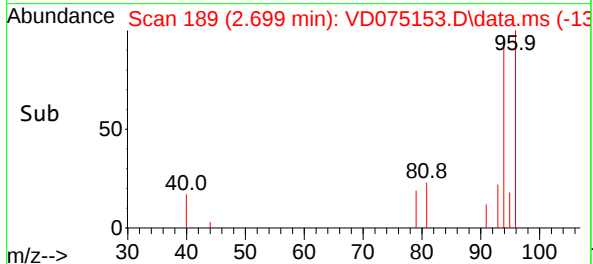
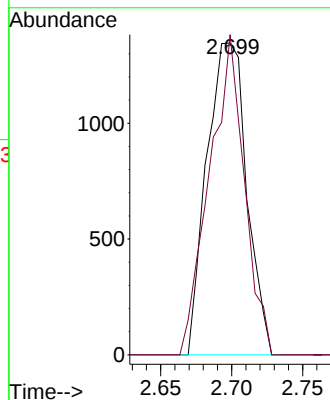
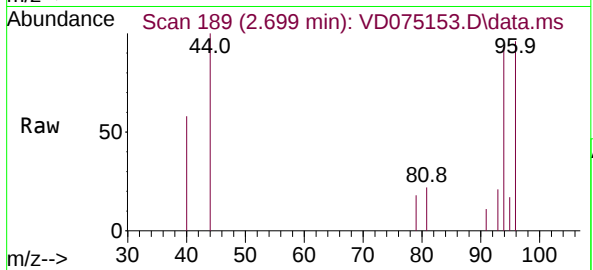




#5
Bromomethane
Concen: 3.747 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

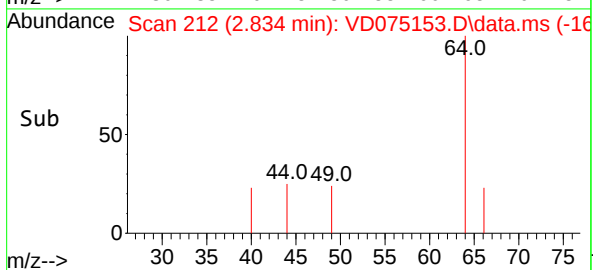
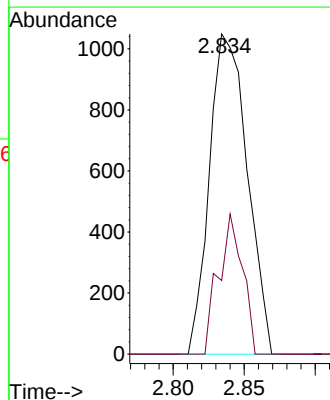
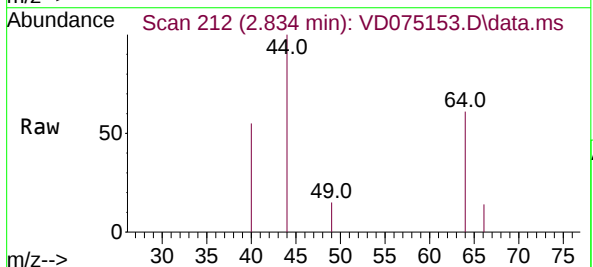
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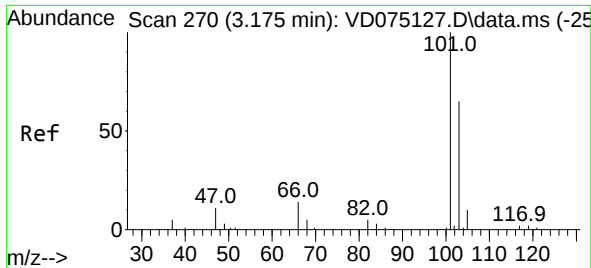
Tgt Ion: 94 Resp: 2634
Ion Ratio Lower Upper
94 100
96 89.6 74.8 112.2



#6
Chloroethane
Concen: 2.712 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 64 Resp: 1944
Ion Ratio Lower Upper
64 100
66 23.0 25.4 38.2#

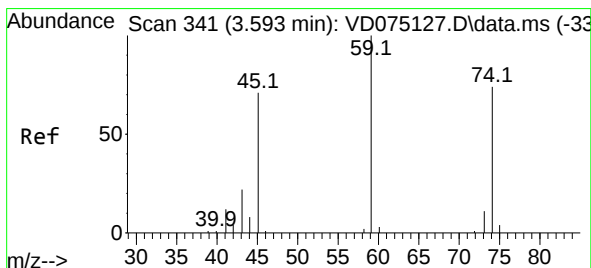
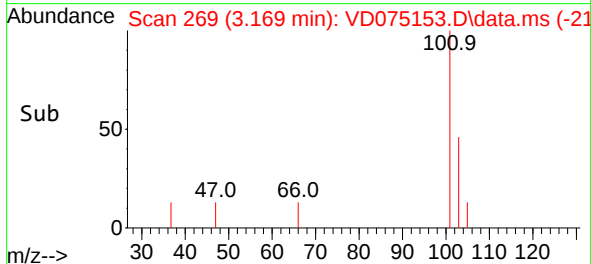
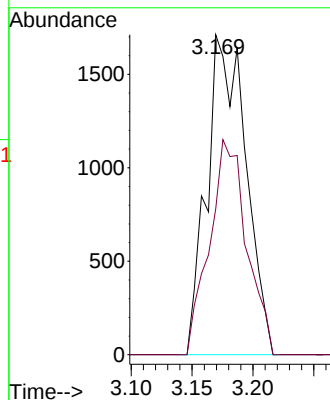
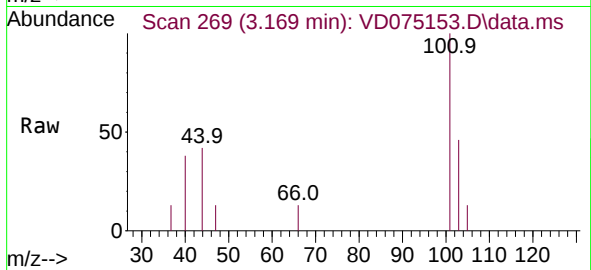




#7
 Trichlorofluoromethane
 Concen: 2.897 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

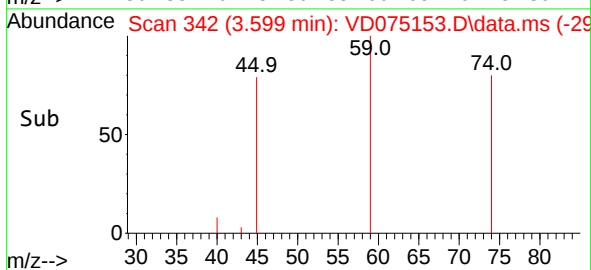
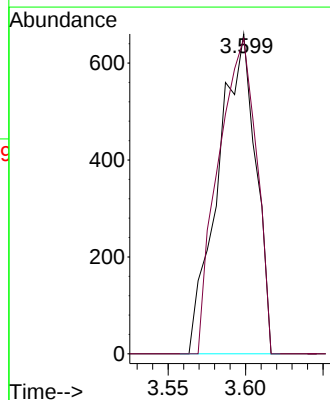
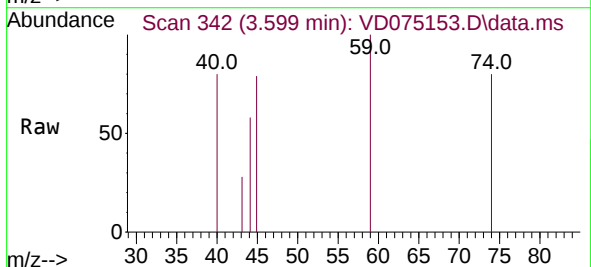
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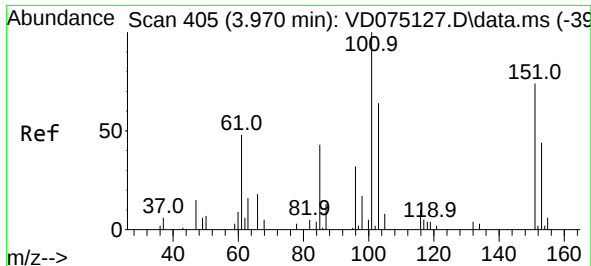
Tgt Ion:101 Resp: 3806
 Ion Ratio Lower Upper
 101 100
 103 45.6 52.2 78.4#



#8
 Diethyl Ether
 Concen: 2.638 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

Tgt Ion: 74 Resp: 1117
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.8 149.3

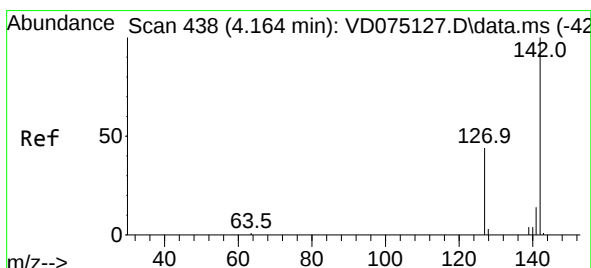
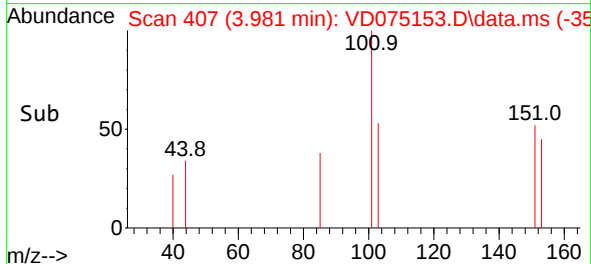
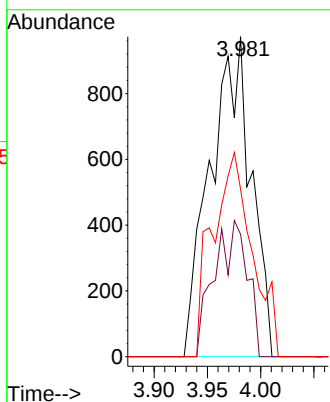
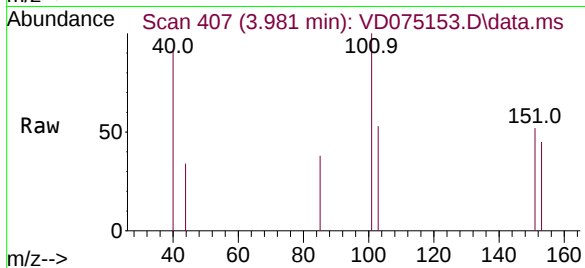




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.193 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

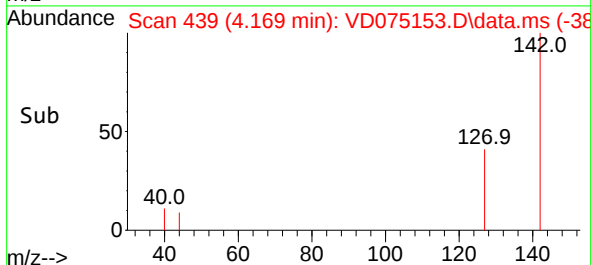
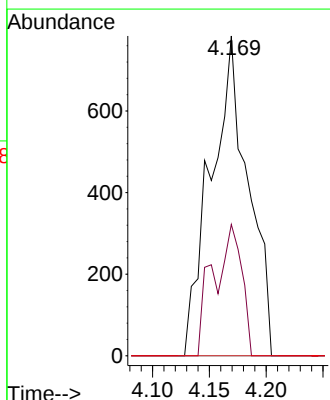
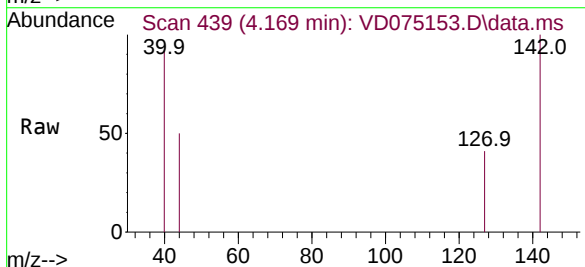
Instrument :
MSVOA_D
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 2590
Ion Ratio Lower Upper
101 100
85 34.5 36.9 55.3#
151 62.1 58.9 88.3



#10
Methyl Iodide
Concen: 1.639 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:142 Resp: 1790
Ion Ratio Lower Upper
142 100
127 31.2 33.6 50.4#
141 0.0 11.1 16.7#

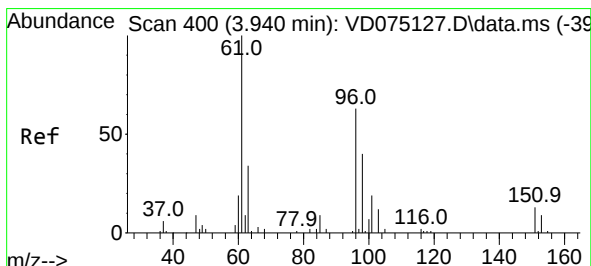
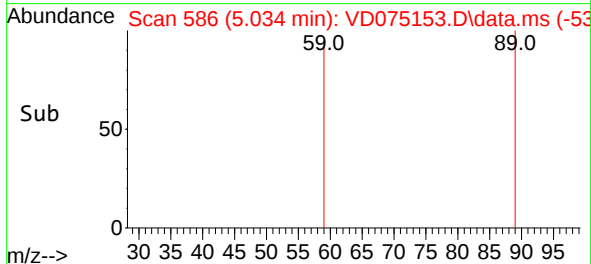
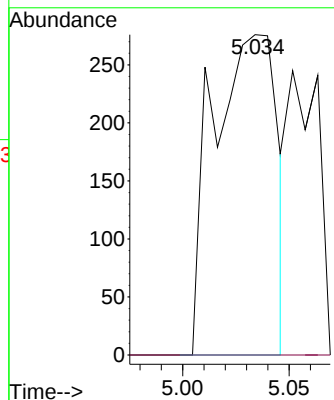
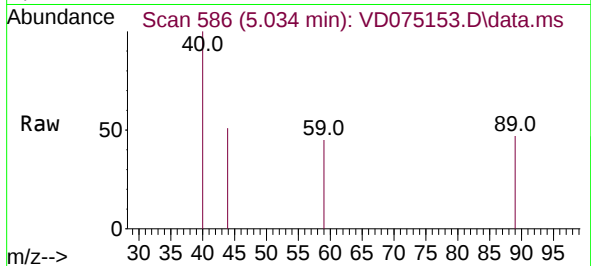




#11
Tert butyl alcohol
Concen: 10.887 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

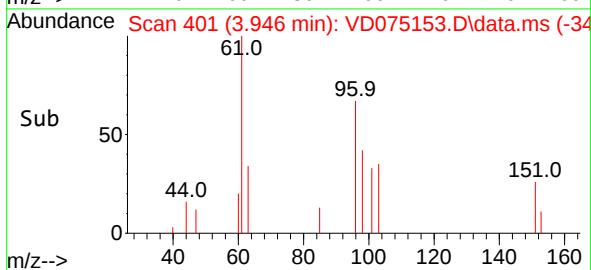
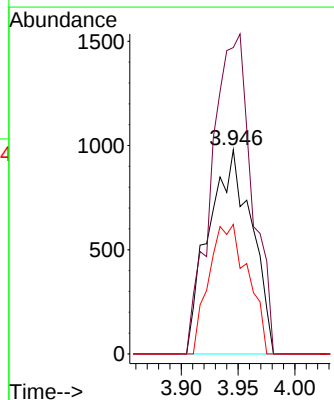
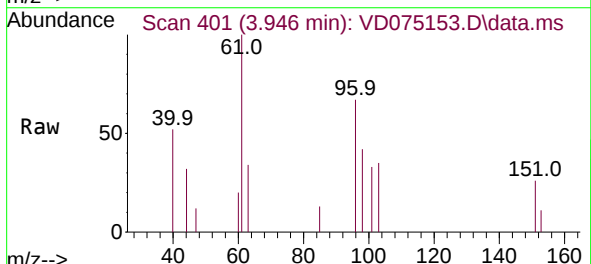
Instrument :
MSVOA_D
ClientSampleId :
MDL04

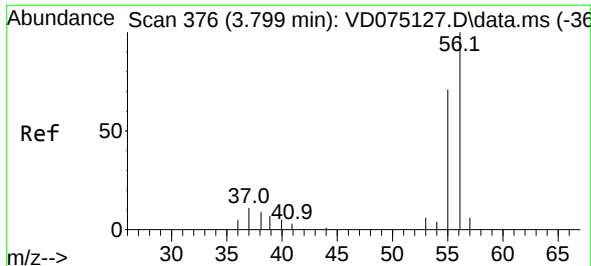
Tgt Ion: 59 Resp: 578
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 3.018 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 96 Resp: 2577
Ion Ratio Lower Upper
96 100
61 150.2 126.8 190.2
98 63.5 50.4 75.6

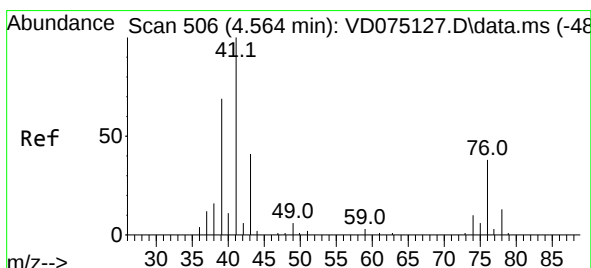
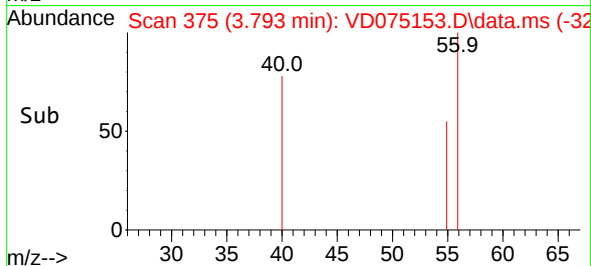
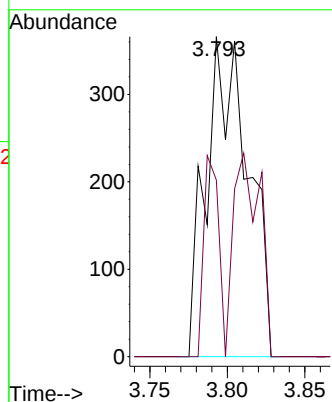
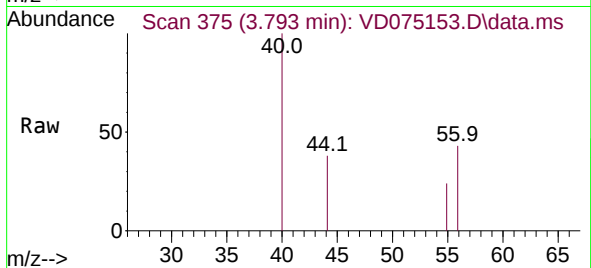




#13
Acrolein
Concen: 13.304 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

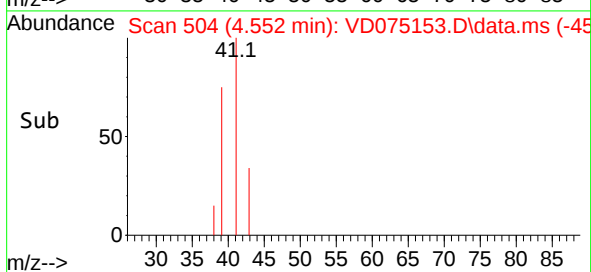
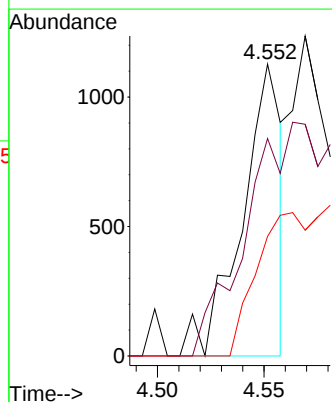
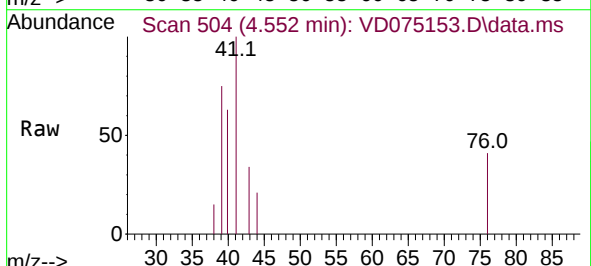
Instrument :
MSVOA_D
ClientSampleId :
MDL04

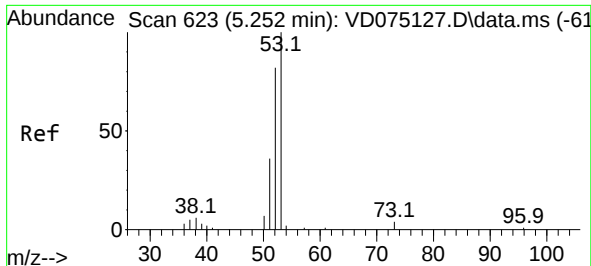
Tgt Ion: 56 Resp: 686
Ion Ratio Lower Upper
56 100
55 22.2 53.0 79.6#



#14
Allyl chloride
Concen: 1.056 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 41 Resp: 1463
Ion Ratio Lower Upper
41 100
39 191.5 55.4 83.0#
76 0.0 30.2 45.2#

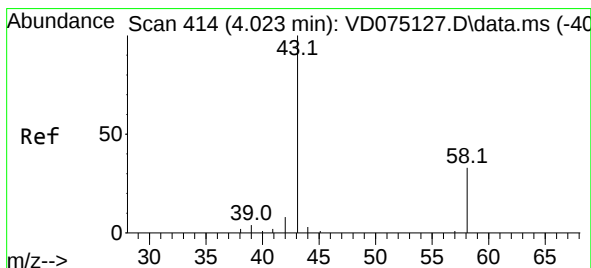
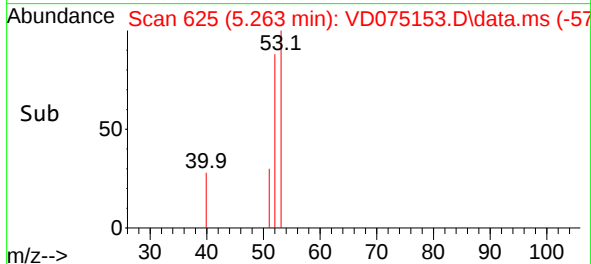
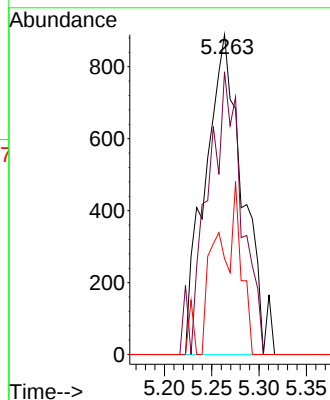
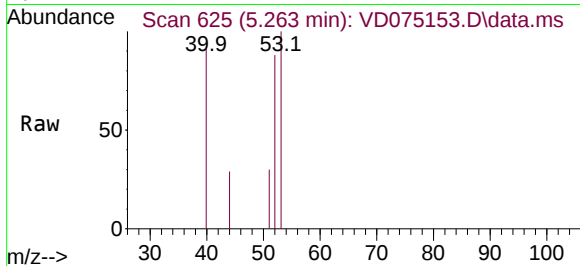




#15
Acrylonitrile
Concen: 13.720 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

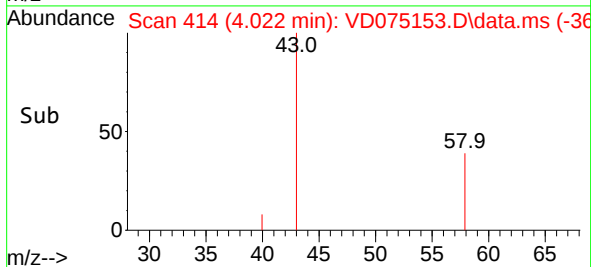
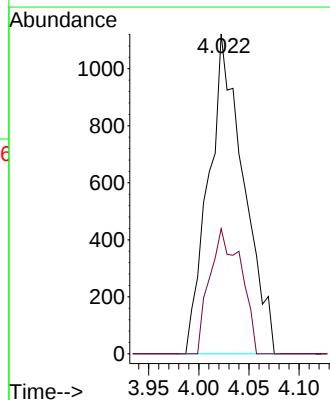
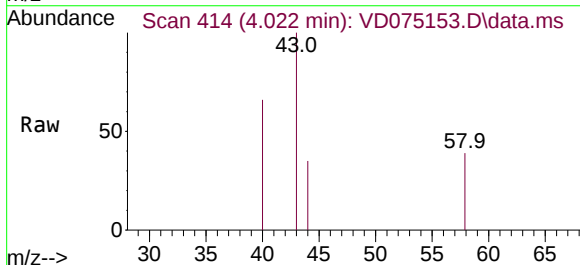
Instrument :
MSVOA_D
ClientSampleId :
MDL04

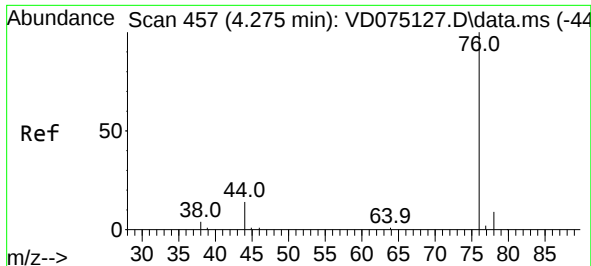
Tgt Ion: 53	Resp:	2456
Ion	Ratio	Lower Upper
53	100	
52	81.1	67.0 100.6
51	20.3	30.1 45.1#



#16
Acetone
Concen: 13.617 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 43	Resp:	2733
Ion	Ratio	Lower Upper
43	100	
58	39.1	26.0 39.0#

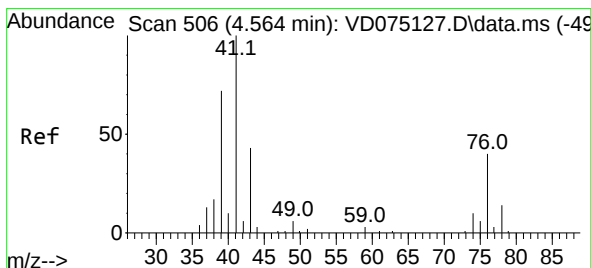
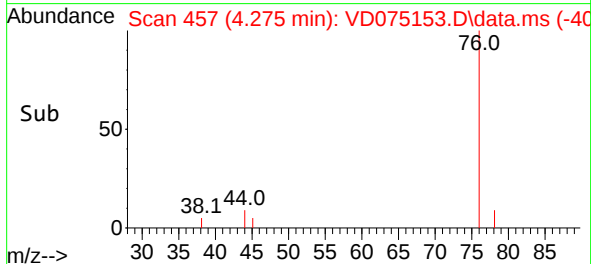
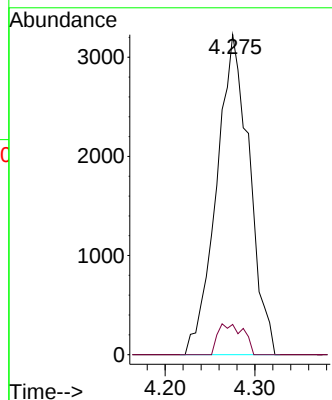
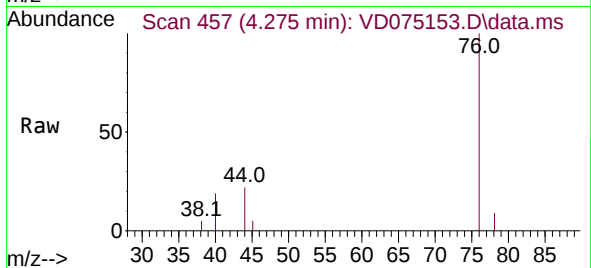




#17
Carbon Disulfide
Concen: 2.969 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

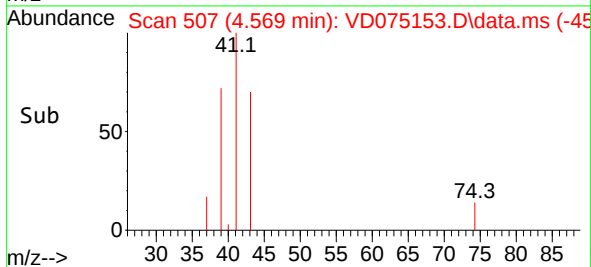
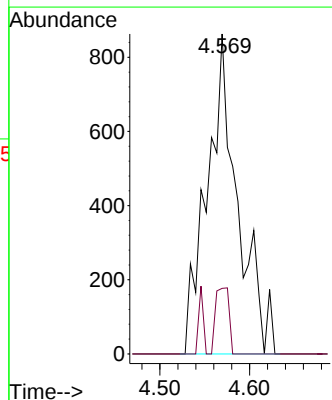
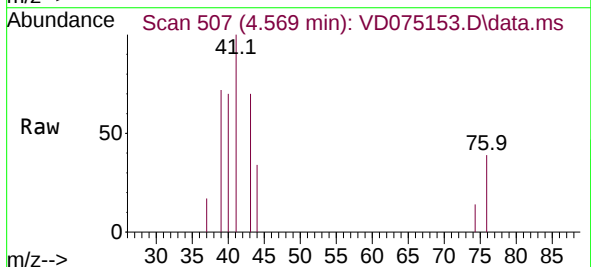
Instrument :
MSVOA_D
ClientSampleId :
MDL04

Tgt Ion: 76 Resp: 8224
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 3.756 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 43 Resp: 2049
Ion Ratio Lower Upper
43 100
74 9.0 18.5 27.7#

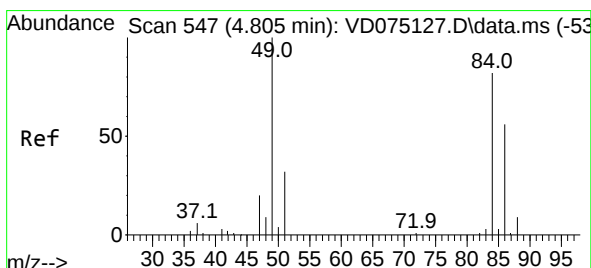
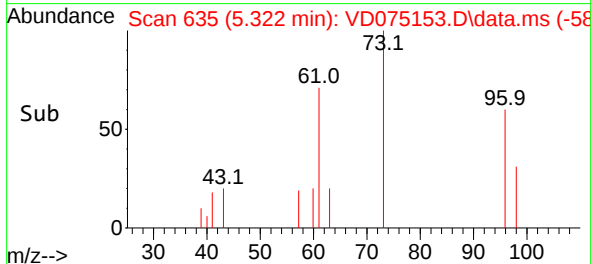
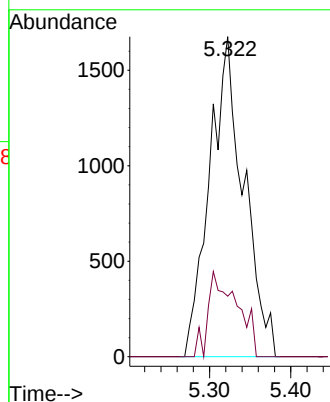
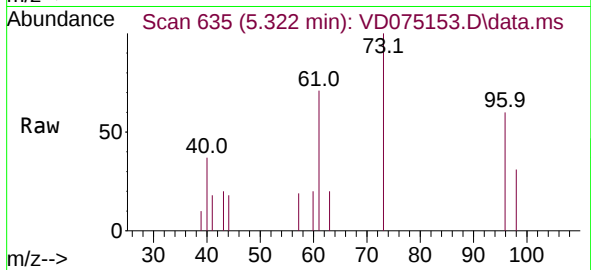




#19
Methyl tert-butyl Ether
Concen: 2.746 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

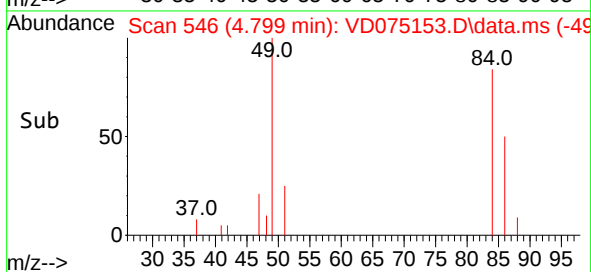
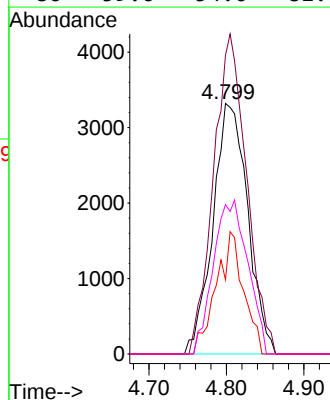
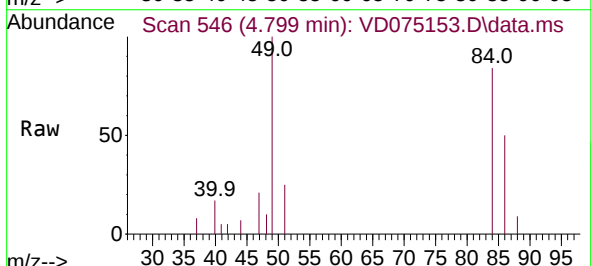
Instrument :
MSVOA_D
ClientSampleId :
MDL04

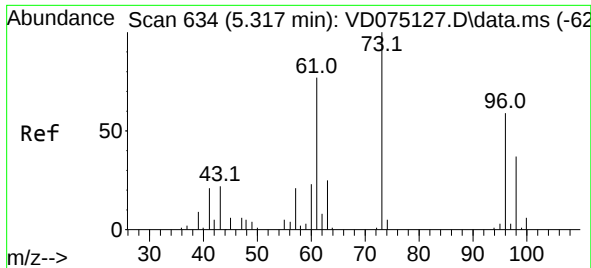
Tgt Ion: 73 Resp: 4899
Ion Ratio Lower Upper
73 100
57 18.9 18.5 27.7



#20
Methylene Chloride
Concen: 8.171 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 84 Resp: 10342
Ion Ratio Lower Upper
84 100
49 119.2 97.0 145.6
51 29.7 30.9 46.3#
86 59.6 54.0 81.0

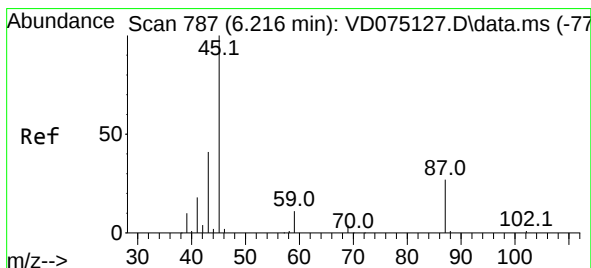
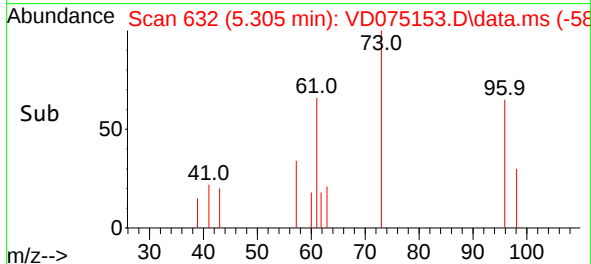
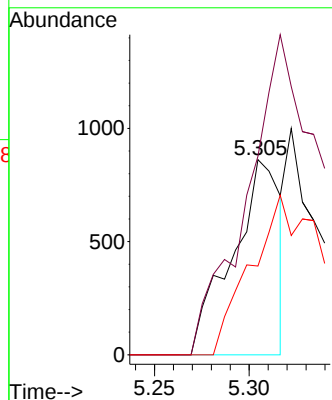
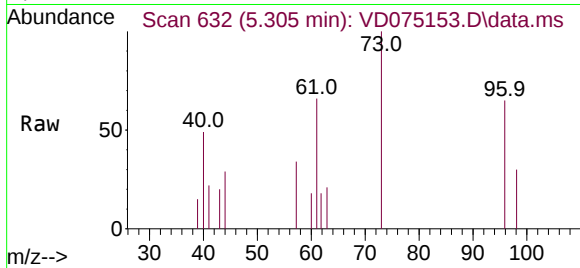




#21
trans-1,2-Dichloroethene
Concen: 1.588 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

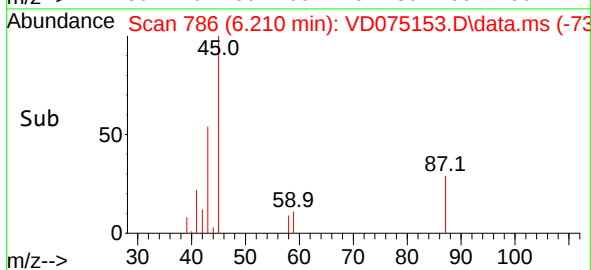
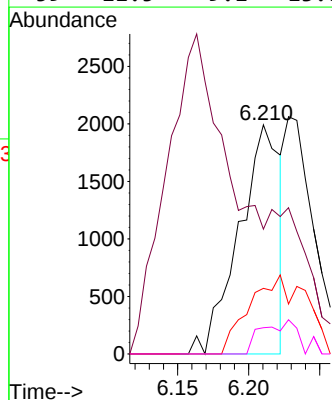
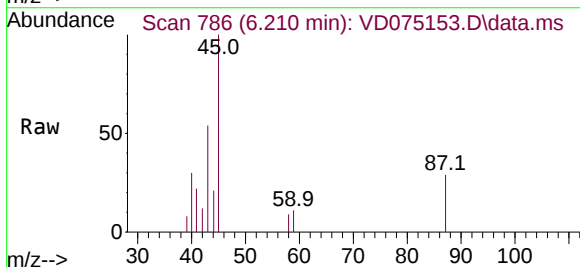
Instrument :
MSVOA_D
ClientSampleId :
MDL04

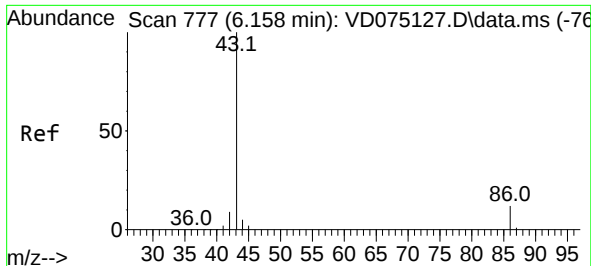
Tgt Ion: 96 Resp: 1510
Ion Ratio Lower Upper
96 100
61 101.7 105.7 158.5#
98 45.5 50.4 75.6#



#22
Diisopropyl ether
Concen: 1.540 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 45 Resp: 3971
Ion Ratio Lower Upper
45 100
43 0.0 45.3 67.9#
87 28.7 22.1 33.1
59 11.5 9.1 13.7

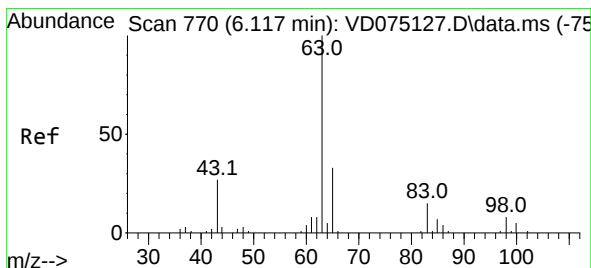
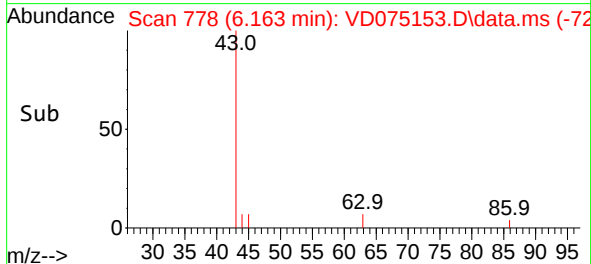
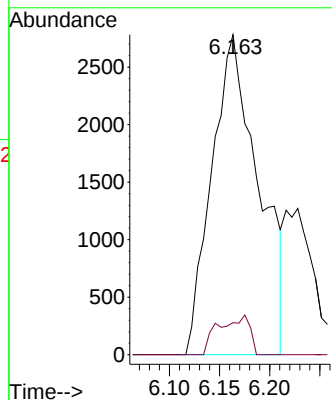
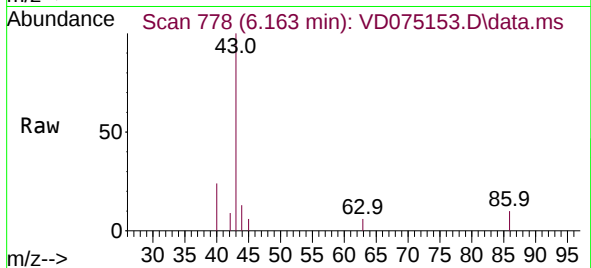




#23
 Vinyl Acetate
 Concen: 7.923 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

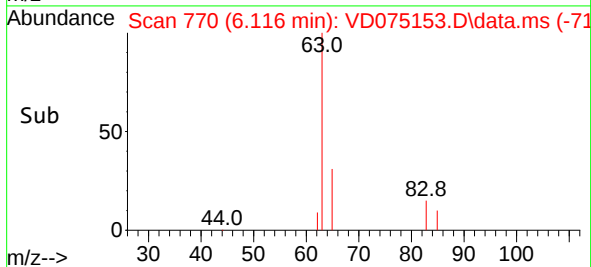
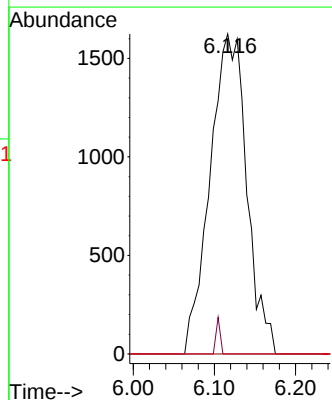
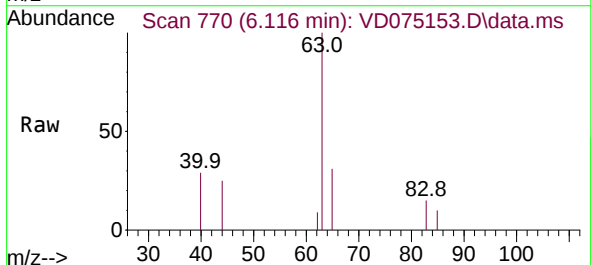
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04

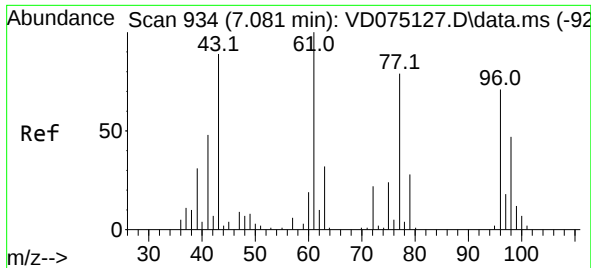
Tgt Ion: 43 Resp: 9007
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 3.149 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

Tgt Ion: 63 Resp: 5104
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 12.2#
 100 0.0 2.5 7.4#

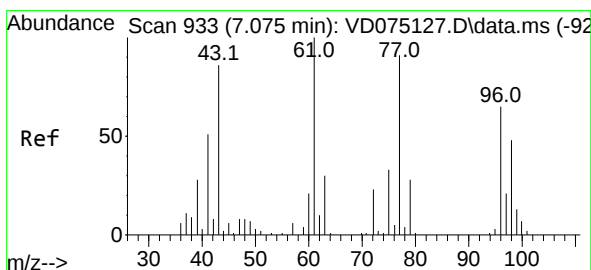
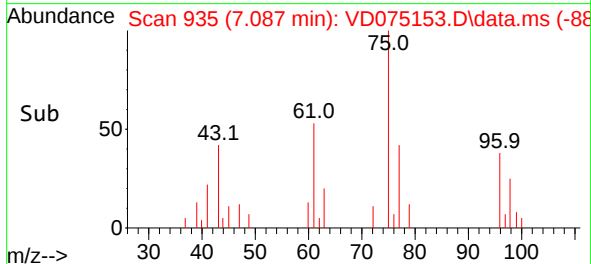
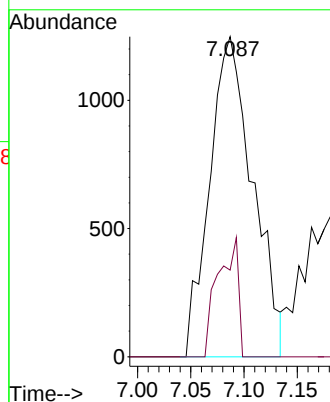
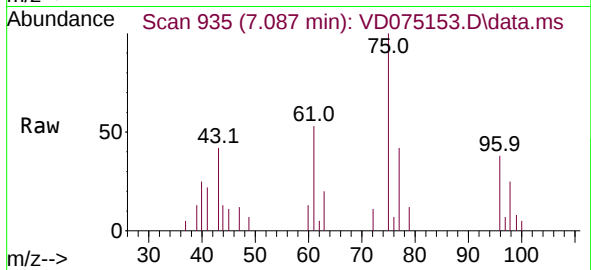




#25
2-Butanone
Concen: 14.531 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

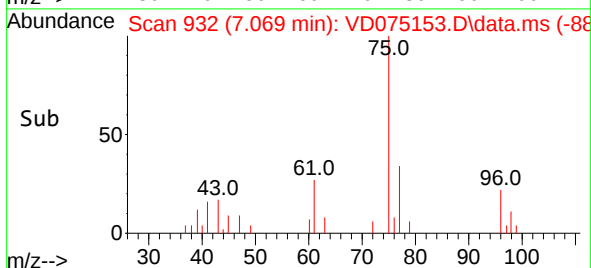
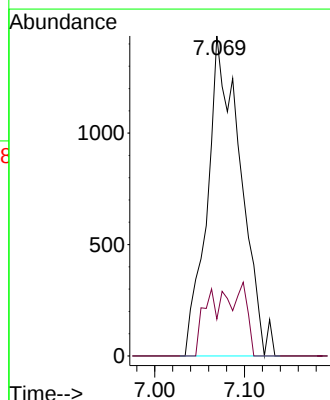
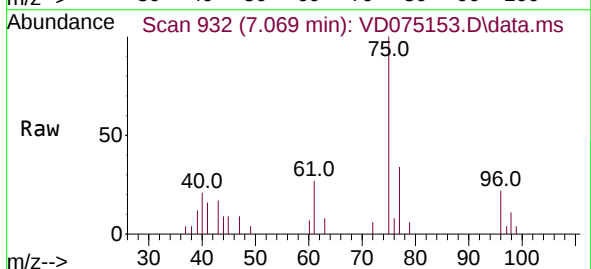
Instrument :
MSVOA_D
ClientSampleId :
MDL04

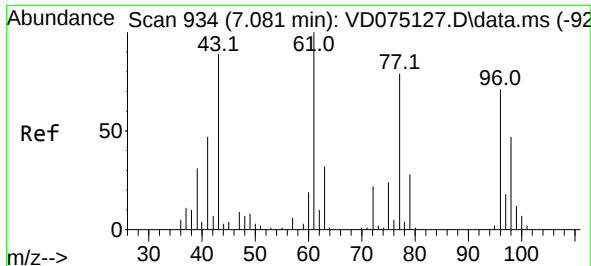
Tgt Ion: 43 Resp: 3525
Ion Ratio Lower Upper
43 100
72 27.1 19.8 29.8



#26
2,2-Dichloropropane
Concen: 2.566 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 77 Resp: 3708
Ion Ratio Lower Upper
77 100
97 8.5 12.0 36.0#





#27

cis-1,2-Dichloroethene

Concen: 2.981 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

MDL04

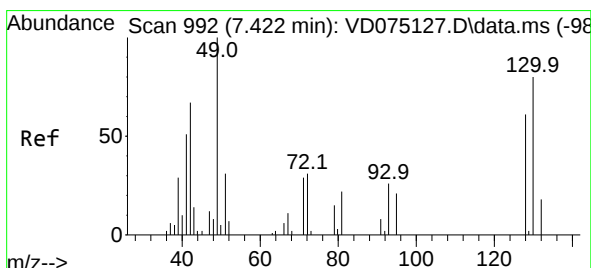
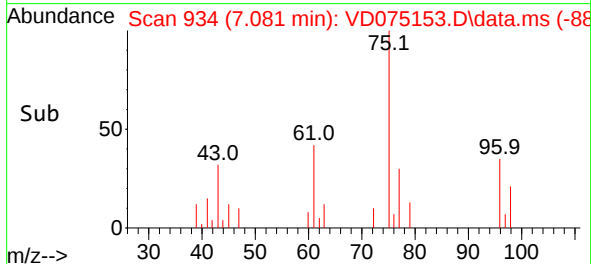
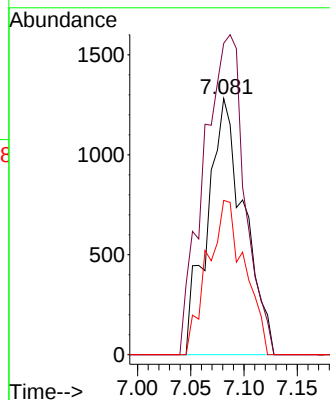
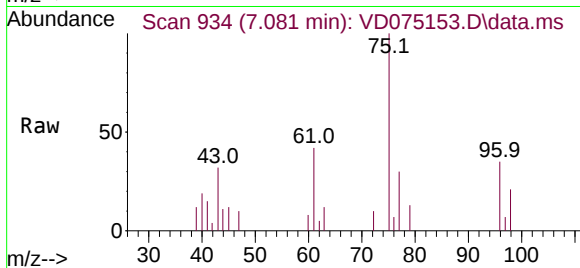
Tgt Ion: 96 Resp: 3089

Ion Ratio Lower Upper

96 100

61 139.3 0.0 287.4

98 60.4 0.0 129.8



#28

Bromochloromethane

Concen: 3.039 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

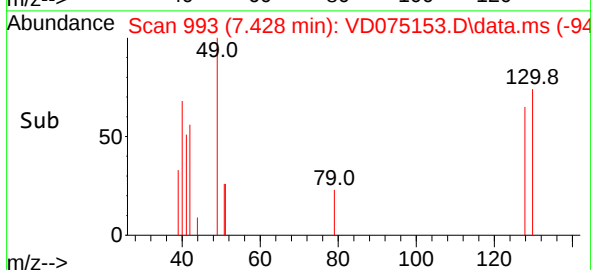
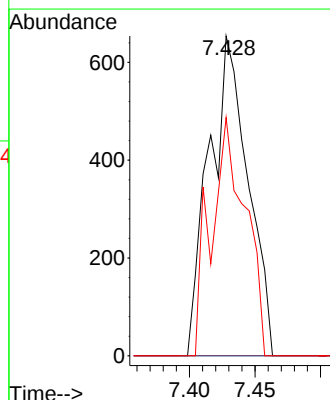
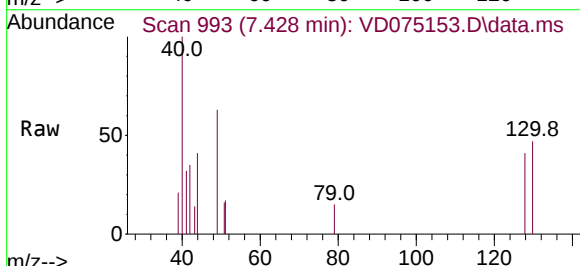
Tgt Ion: 49 Resp: 1345

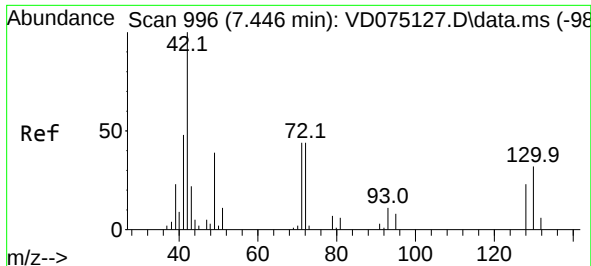
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 65.9 63.6 95.4





#29

Tetrahydrofuran

Concen: 13.198 ug/l

RT: 7.457 min Scan# 99

Delta R.T. 0.012 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

MDL04

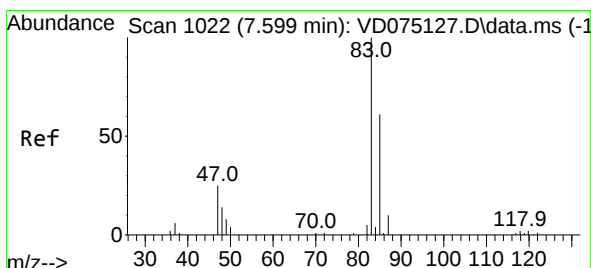
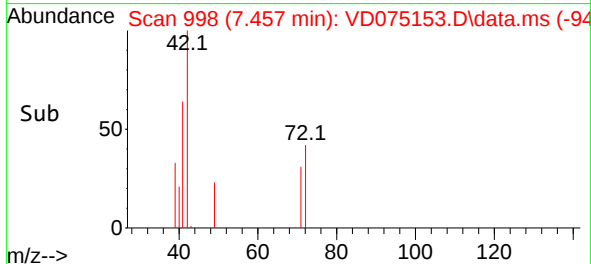
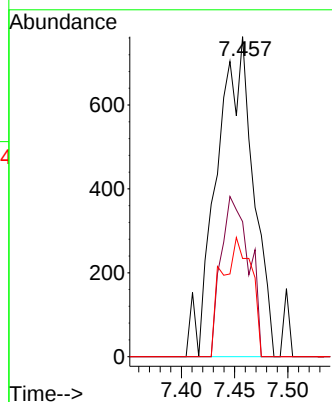
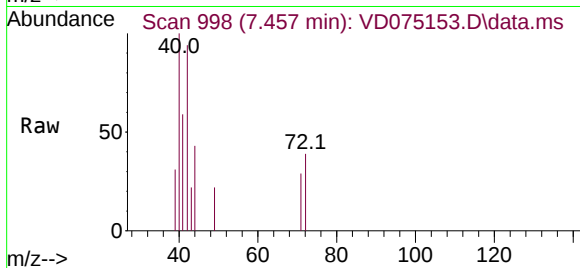
Tgt Ion: 42 Resp: 1826

Ion Ratio Lower Upper

42 100

72 38.2 33.8 50.8

71 29.9 31.6 47.4#



#30

Chloroform

Concen: 2.982 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD075153.D

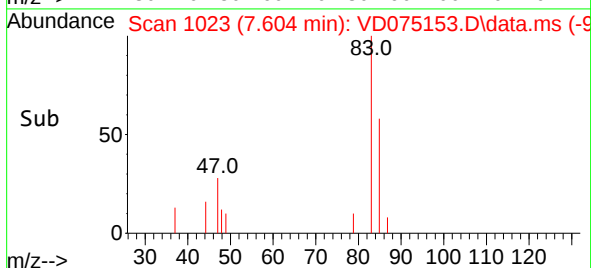
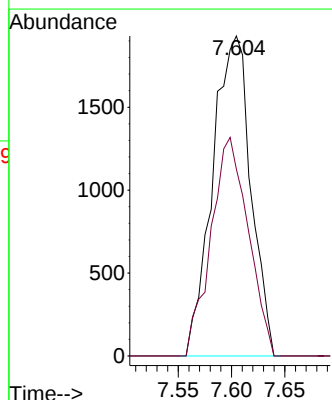
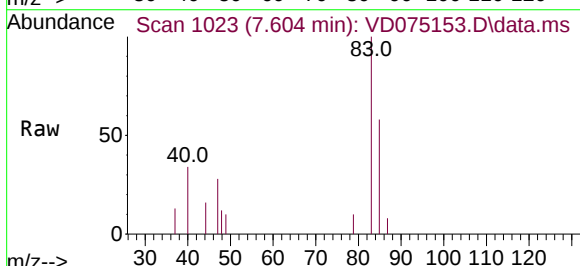
Acq: 20 Jan 2023 15:08

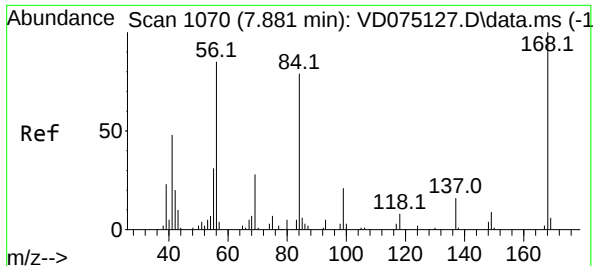
Tgt Ion: 83 Resp: 4820

Ion Ratio Lower Upper

83 100

85 58.4 48.5 72.7

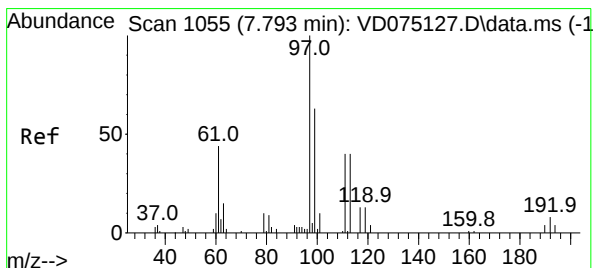
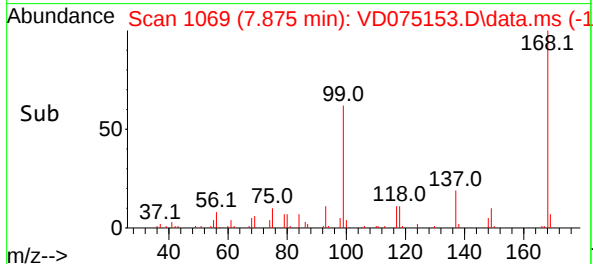
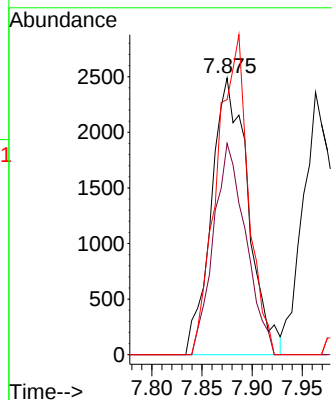
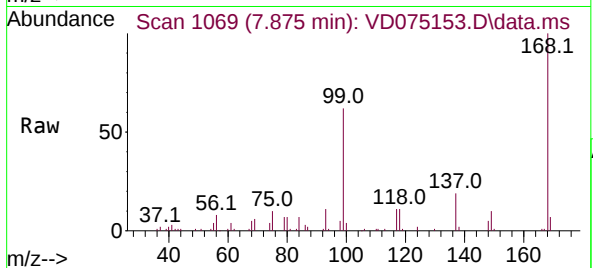




#31
Cyclohexane
Concen: 4.173 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

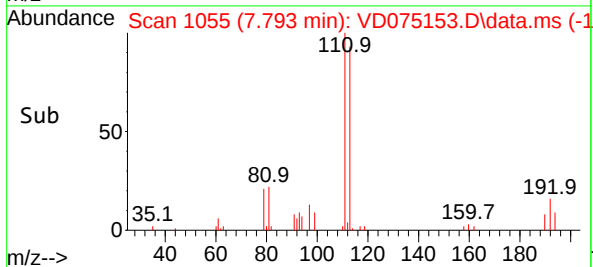
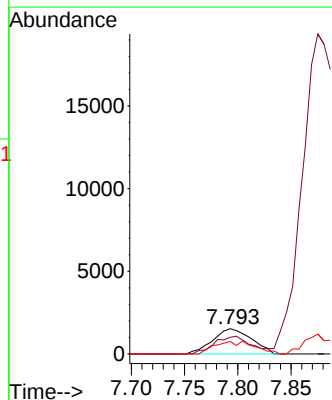
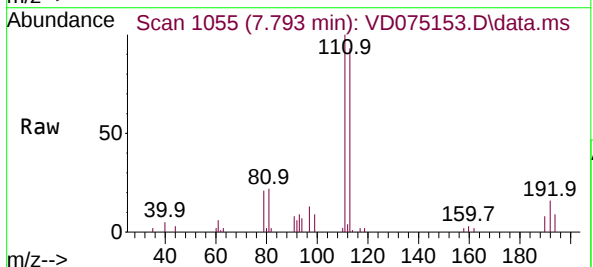
Instrument :
MSVOA_D
ClientSampleId :
MDL04

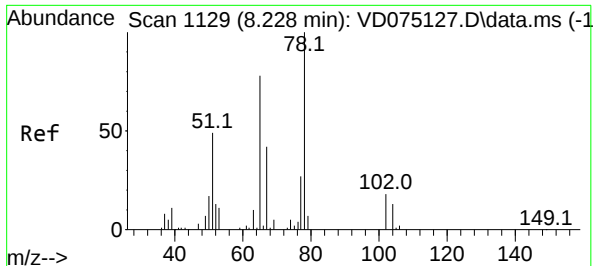
Tgt Ion: 56 Resp: 6369
Ion Ratio Lower Upper
56 100
69 76.4 26.6 40.0#
84 92.2 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 2.773 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 97 Resp: 3862
Ion Ratio Lower Upper
97 100
99 66.4 51.7 77.5
61 51.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 54.252 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

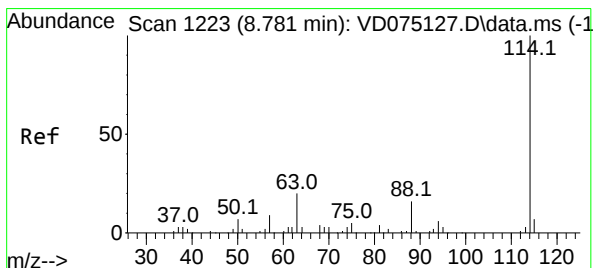
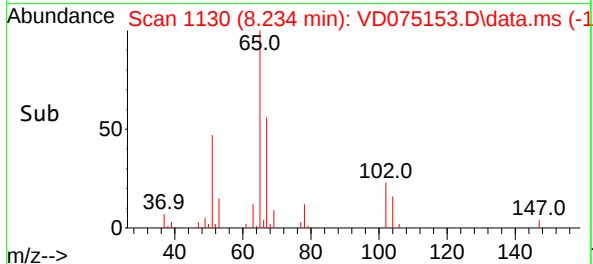
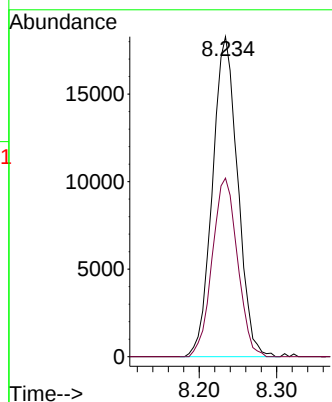
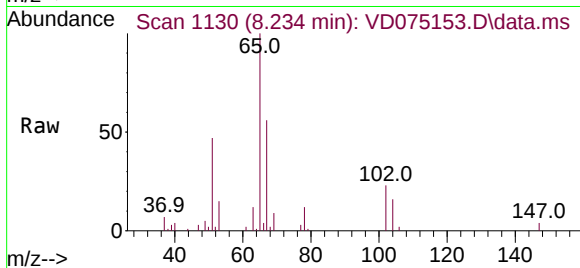
MDL04

Tgt Ion: 65 Resp: 41285

Ion Ratio Lower Upper

65 100

67 55.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

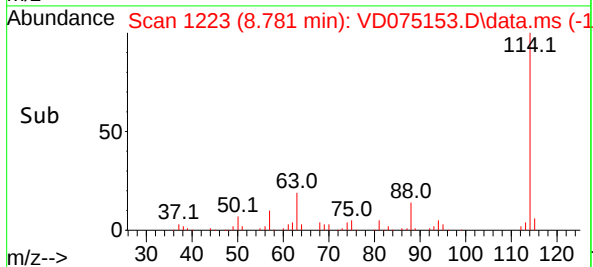
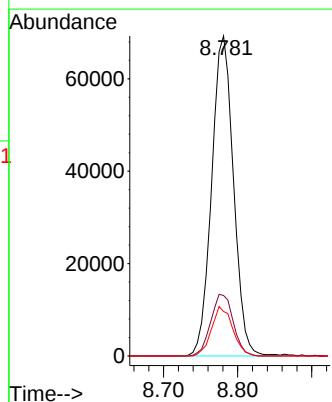
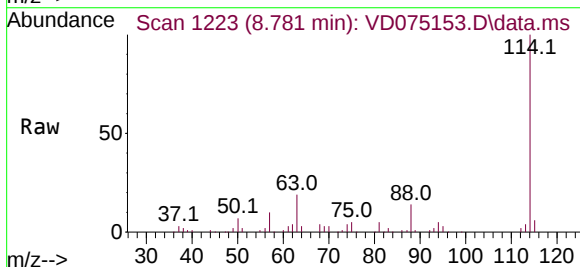
Tgt Ion: 114 Resp: 141717

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 13.9 0.0 32.2

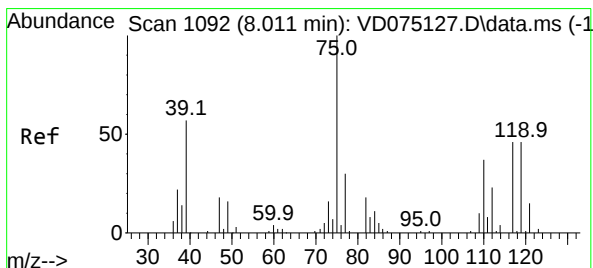
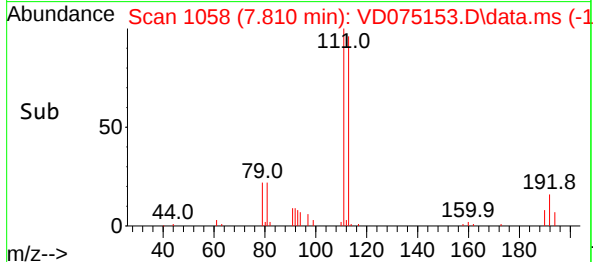
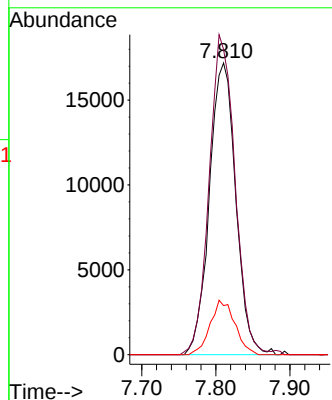
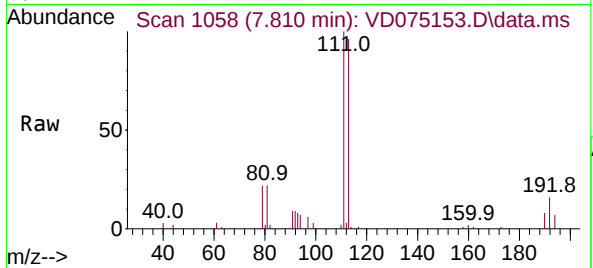




#35
 Dibromofluoromethane
 Concen: 49.683 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

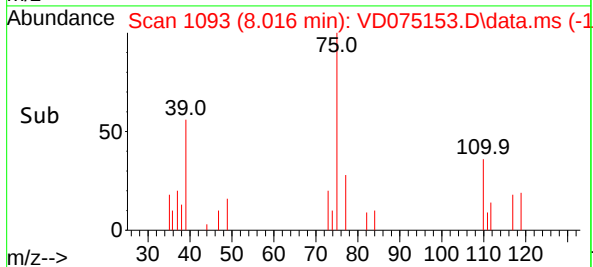
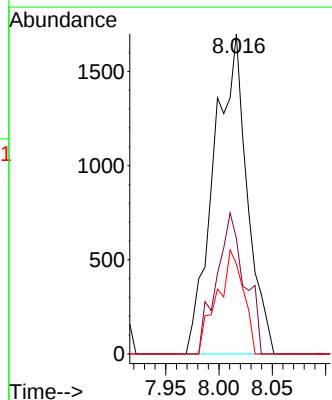
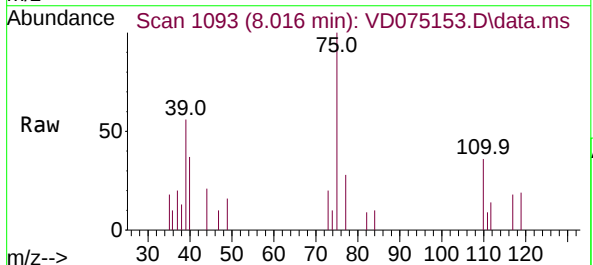
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04

Tgt Ion:	113	Resp:	42546
Ion Ratio	Lower	Upper	
113	100		
111	107.6	80.1	120.1
192	17.5	15.4	23.0



#36
 1,1-Dichloropropene
 Concen: 2.674 ug/l
 RT: 8.016 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

Tgt Ion:	75	Resp:	3679
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.1	54.4
77	25.6	25.1	37.7





#37

Ethyl Acetate

Concen: 2.674 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

MDL04

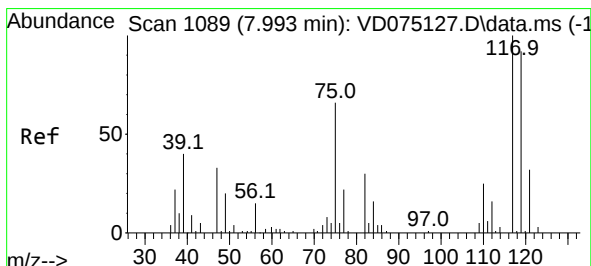
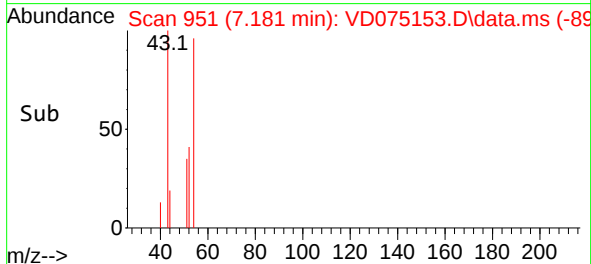
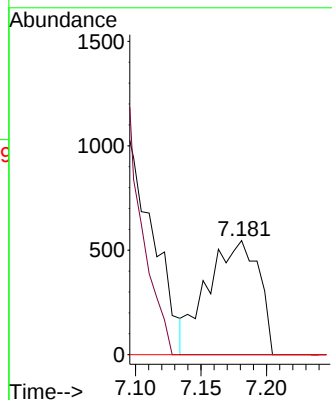
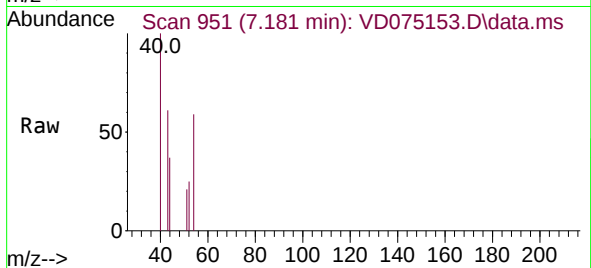
Tgt Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 1.969 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

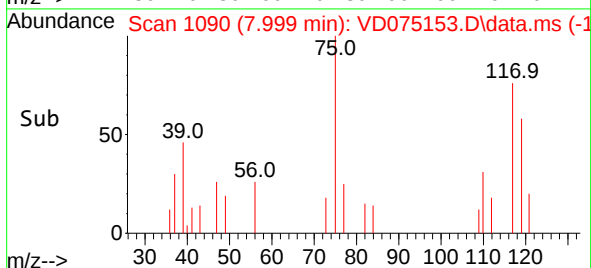
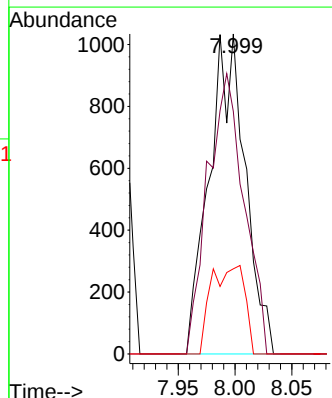
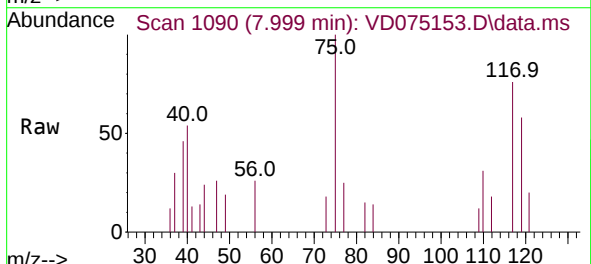
Tgt Ion: 117 Resp: 2281

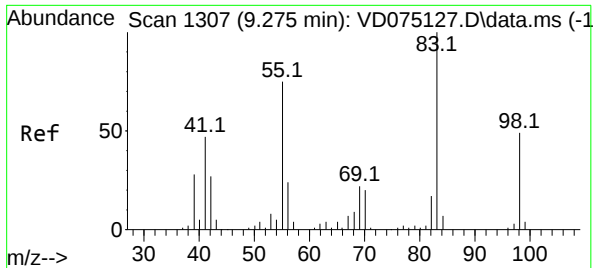
Ion Ratio Lower Upper

117 100

119 75.8 73.6 110.4

121 26.6 25.4 38.0





#39

Methylcyclohexane

Concen: 2.719 ug/l

RT: 9.281 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

MDL04

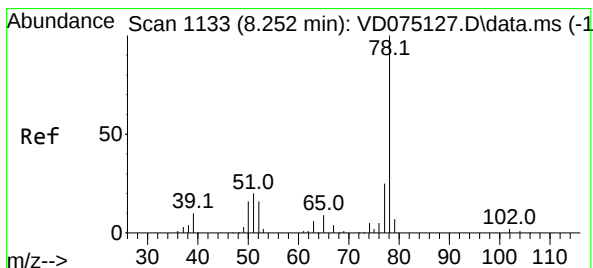
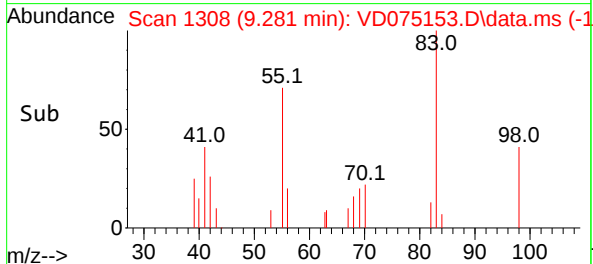
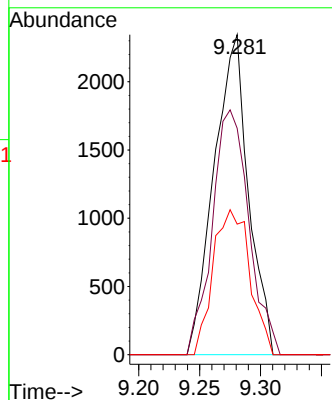
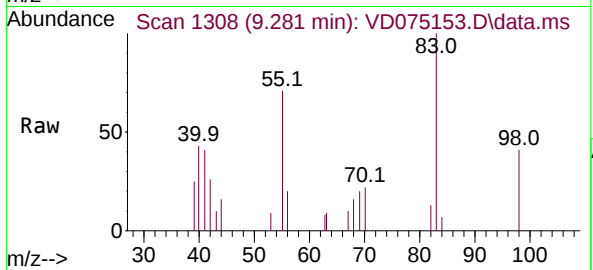
Tgt Ion: 83 Resp: 4611

Ion Ratio Lower Upper

83 100

55 70.7 60.0 90.0

98 40.8 39.0 58.4



#40

Benzene

Concen: 2.771 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD075153.D

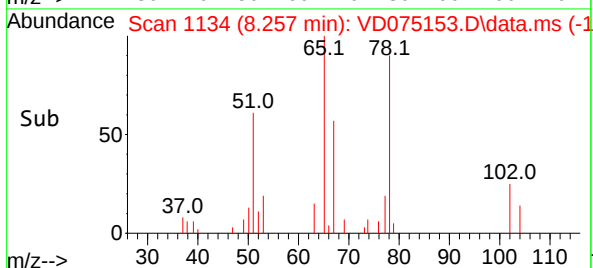
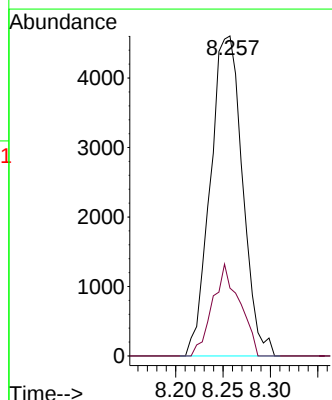
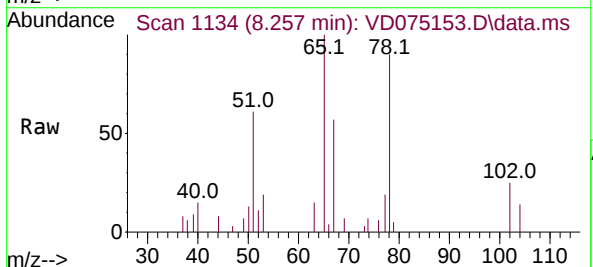
Acq: 20 Jan 2023 15:08

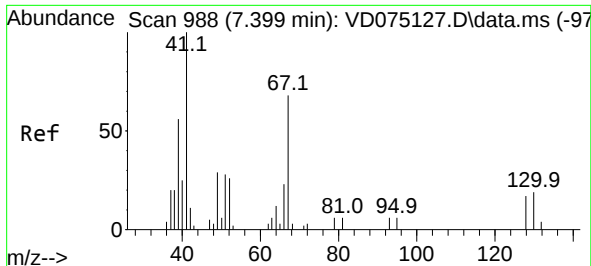
Tgt Ion: 78 Resp: 10873

Ion Ratio Lower Upper

78 100

77 21.2 19.8 29.6

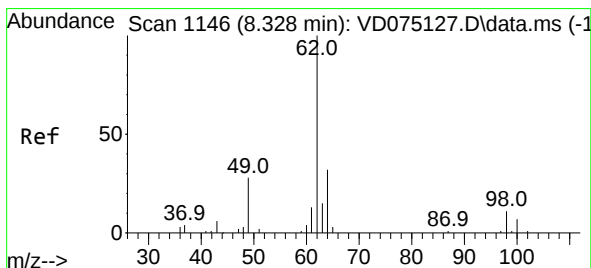
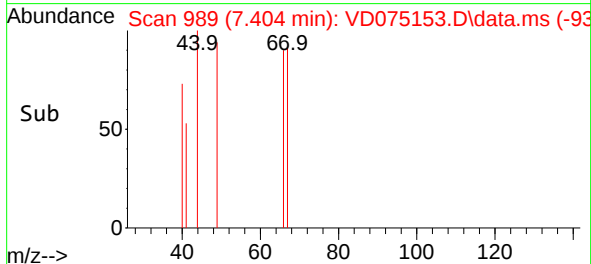
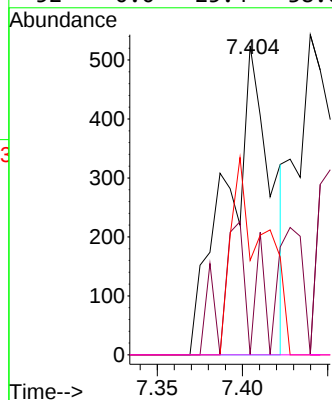
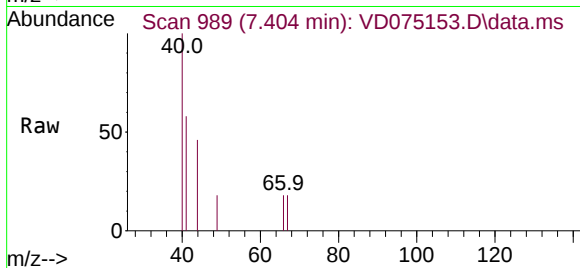




#41
Methacrylonitrile
Concen: 2.812 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

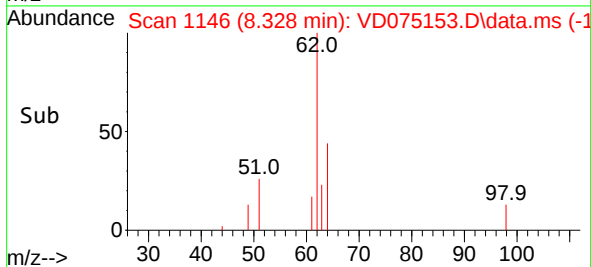
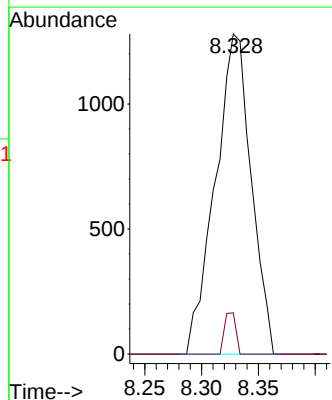
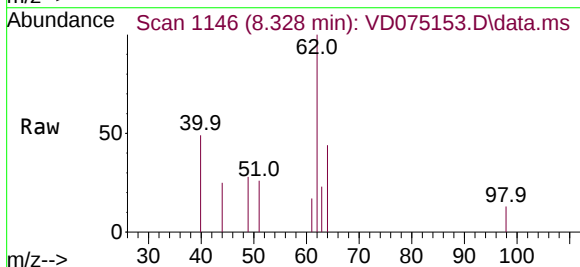
Instrument :
MSVOA_D
ClientSampleId :
MDL04

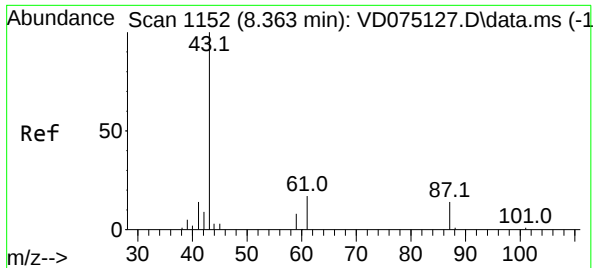
Tgt Ion:	41	Resp:	938
Ion	Ratio	Lower	Upper
41	100		
39	22.2	57.8	86.6#
67	48.1	60.5	90.7#
52	0.0	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 2.732 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:	62	Resp:	2816
Ion	Ratio	Lower	Upper
62	100		
98	4.1	0.0	19.2

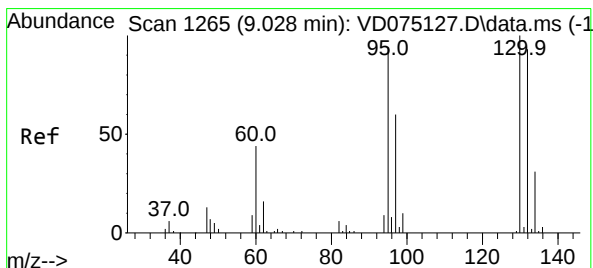
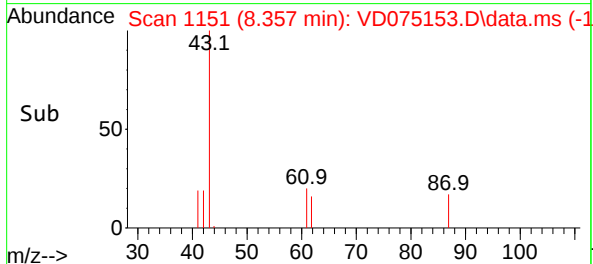
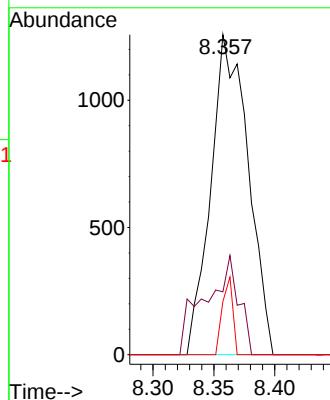
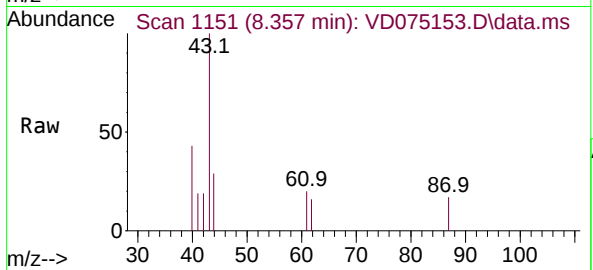




#43
Isopropyl Acetate
Concen: 2.488 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

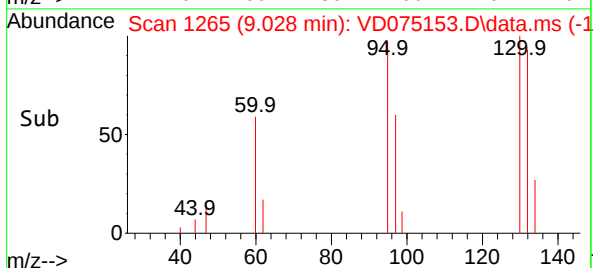
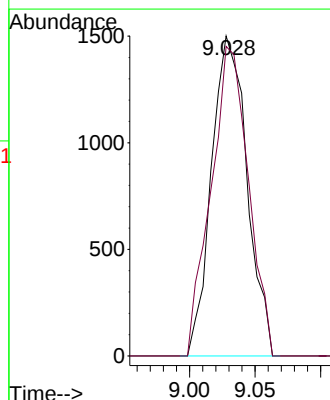
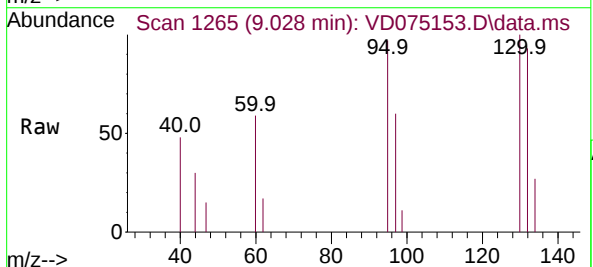
Instrument :
MSVOA_D
ClientSampleId :
MDL04

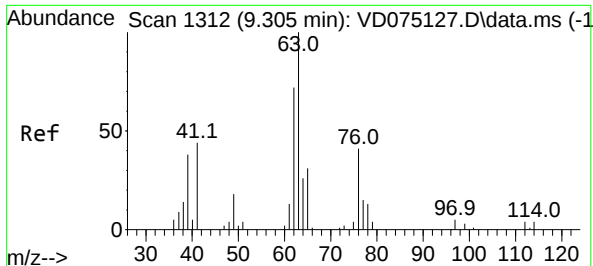
Tgt Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
61 27.9 25.0 37.6
87 6.7 10.6 16.0#



#44
Trichloroethene
Concen: 2.566 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:130 Resp: 2831
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.6





#45

1,2-Dichloropropane

Concen: 2.651 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

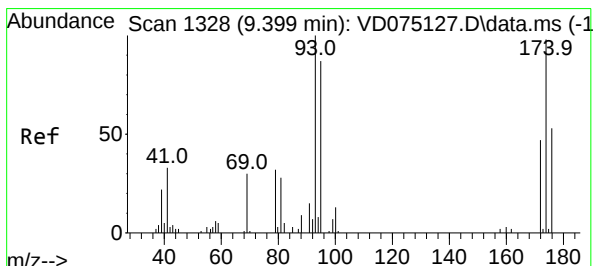
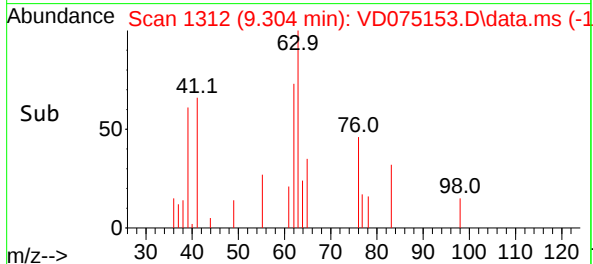
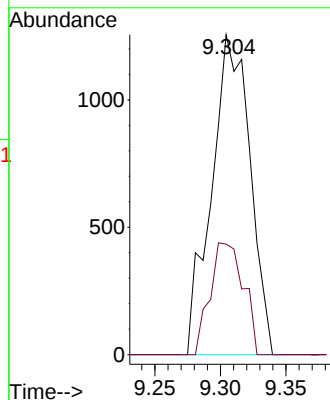
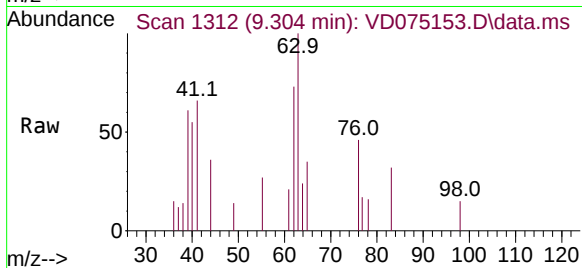
MDL04

Tgt Ion: 63 Resp: 2562

Ion Ratio Lower Upper

63 100

65 34.6 25.1 37.7



#46

Dibromomethane

Concen: 2.739 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

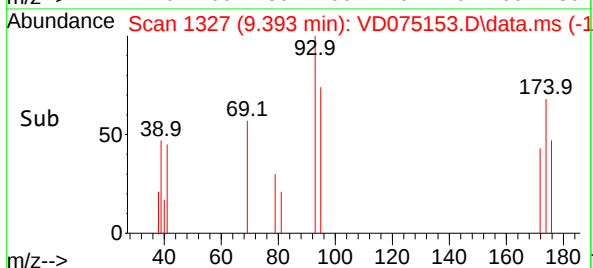
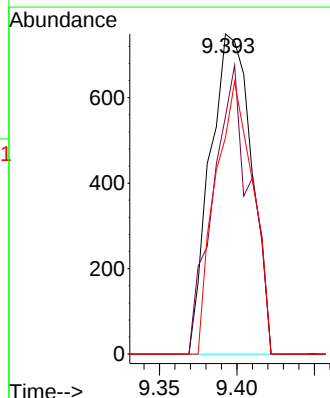
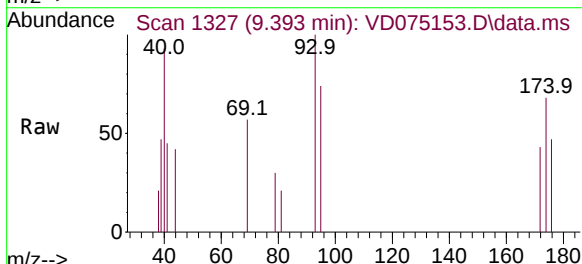
Tgt Ion: 93 Resp: 1396

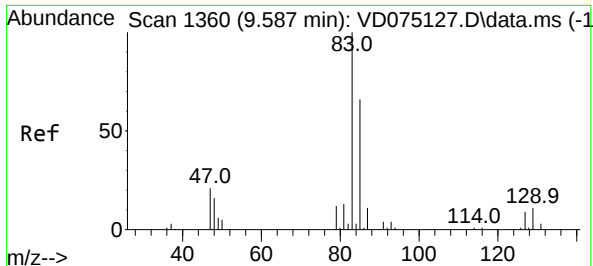
Ion Ratio Lower Upper

93 100

95 80.4 68.3 102.5

174 77.0 77.4 116.0#





#47

Bromodichloromethane

Concen: 2.738 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

MDL04

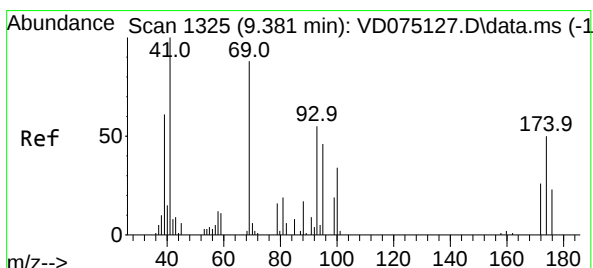
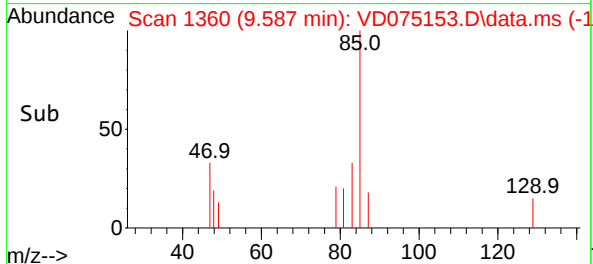
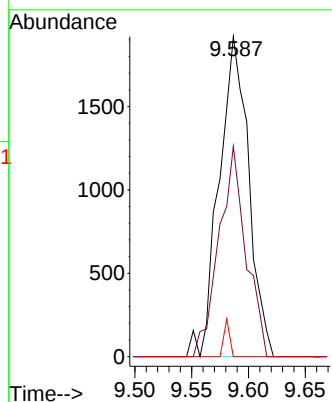
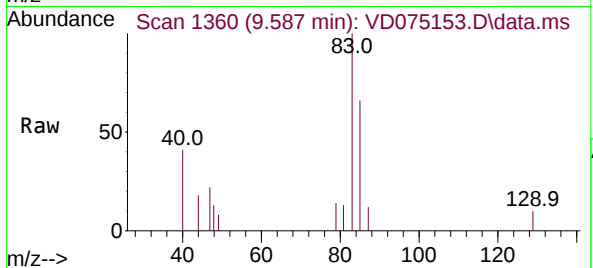
Tgt Ion: 83 Resp: 3463

Ion Ratio Lower Upper

83 100

85 65.8 53.0 79.4

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 2.231 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

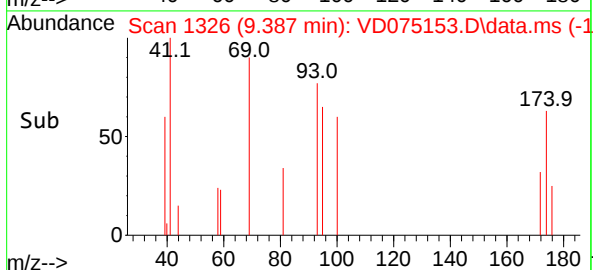
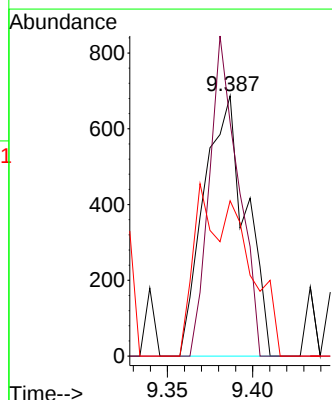
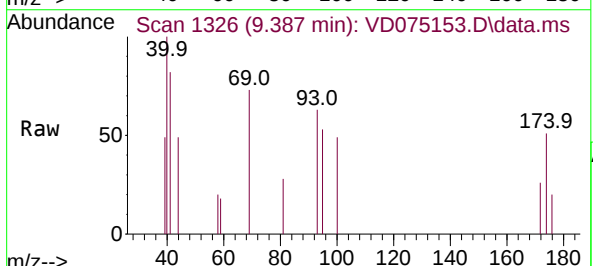
Tgt Ion: 41 Resp: 1177

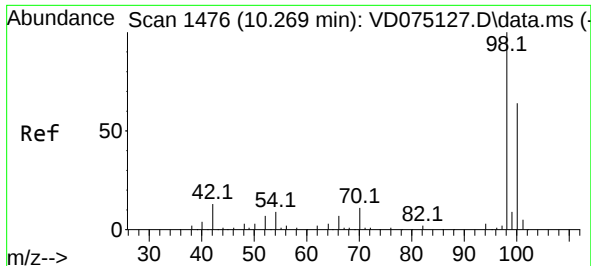
Ion Ratio Lower Upper

41 100

69 84.9 67.8 101.6

39 38.6 46.0 69.0#

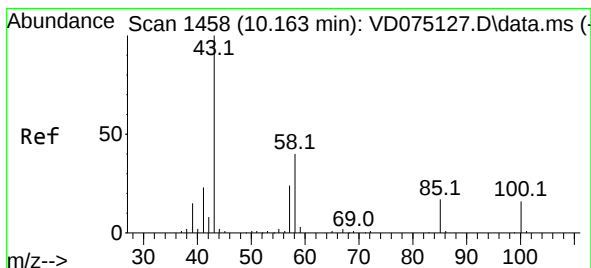
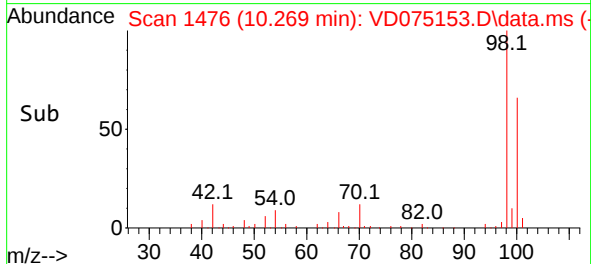
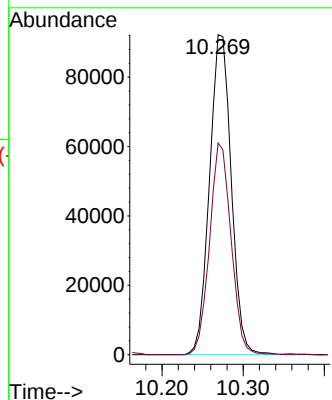
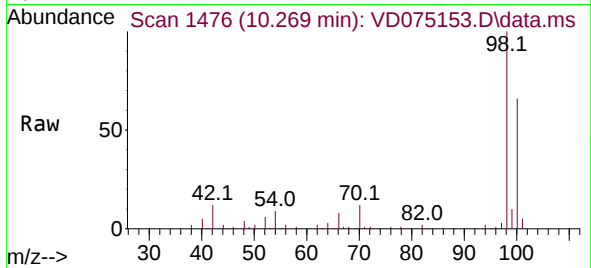




#50
Toluene-d8
Concen: 50.792 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

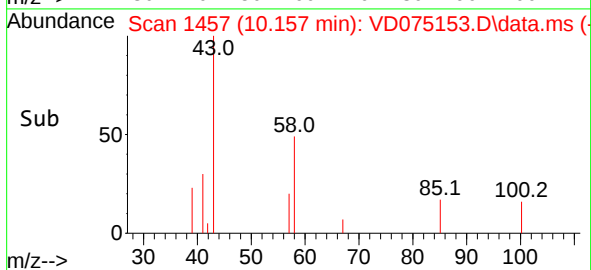
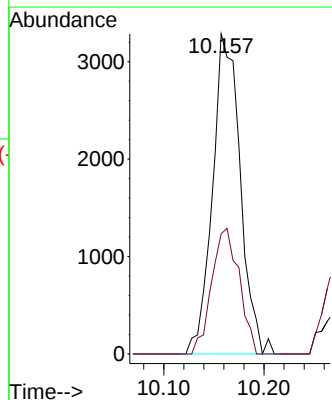
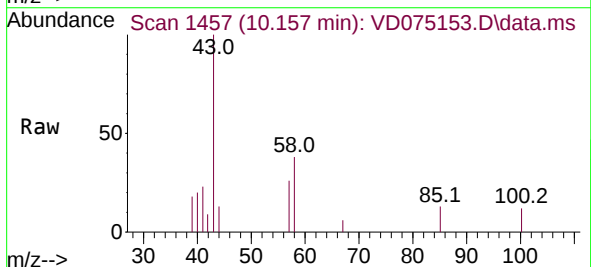
Instrument :
MSVOA_D
ClientSampleId :
MDL04

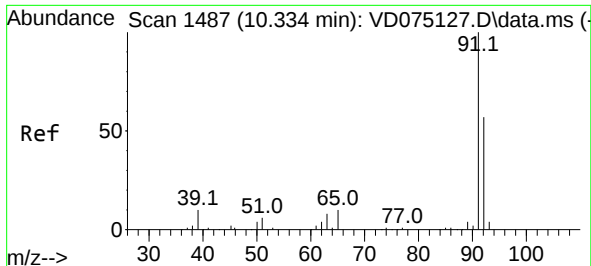
Tgt Ion: 98 Resp: 171258
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 12.170 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 43 Resp: 6304
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.0

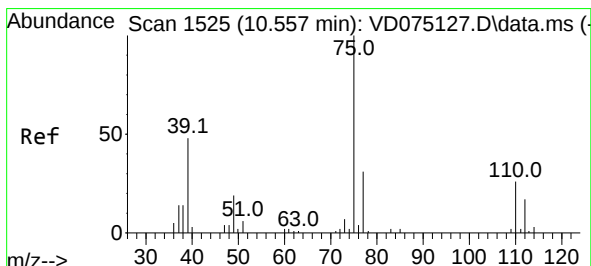
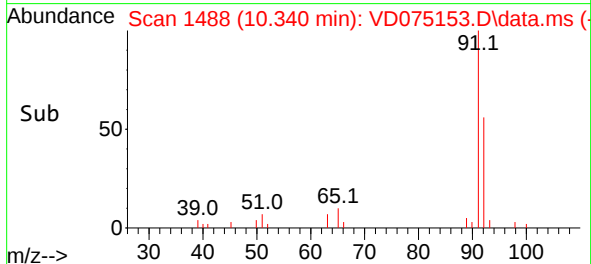
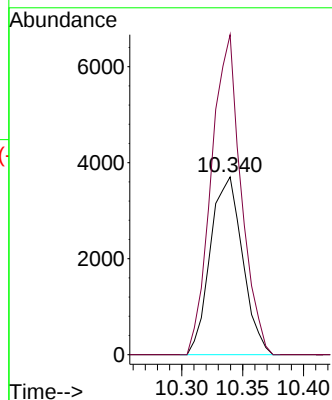
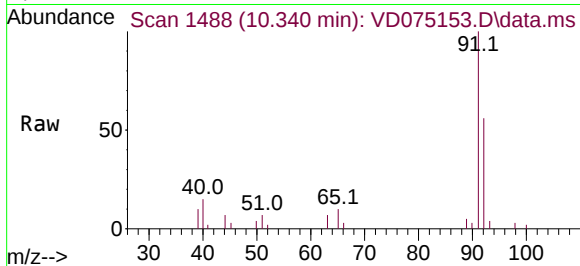




#52
Toluene
Concen: 2.748 ug/l
RT: 10.340 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

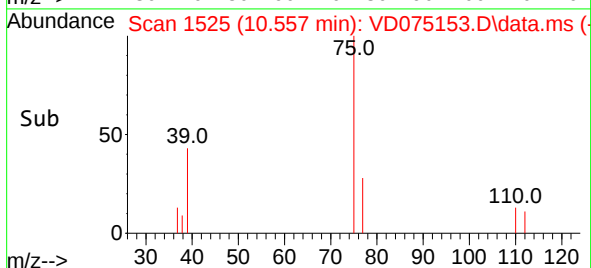
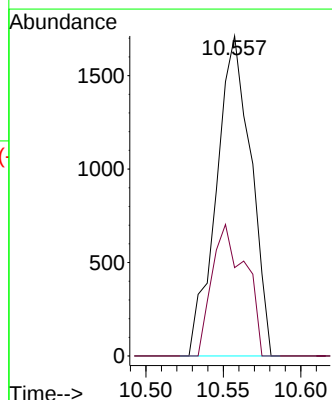
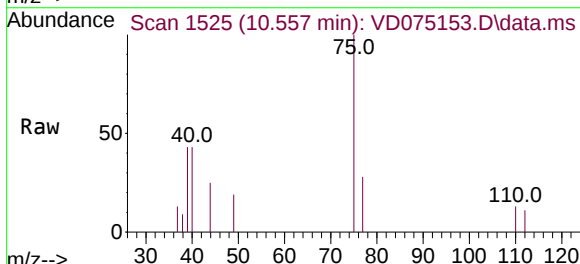
Instrument :
MSVOA_D
ClientSampleId :
MDL04

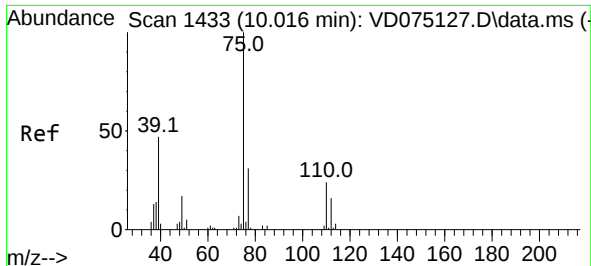
Tgt Ion: 92 Resp: 6813
Ion Ratio Lower Upper
92 100
91 166.5 137.0 205.4



#53
t-1,3-Dichloropropene
Concen: 2.223 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 75 Resp: 2660
Ion Ratio Lower Upper
75 100
77 27.6 25.0 37.6

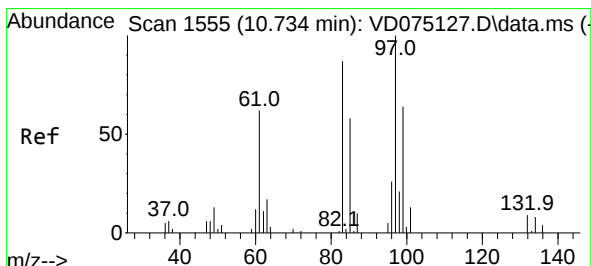
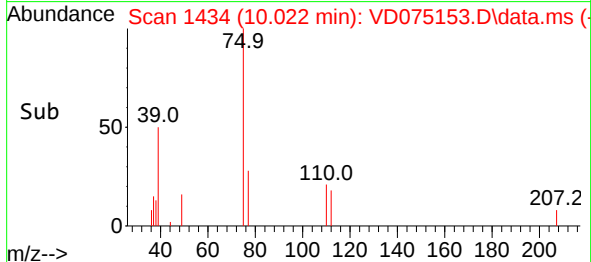
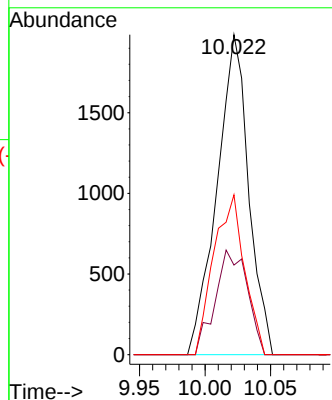
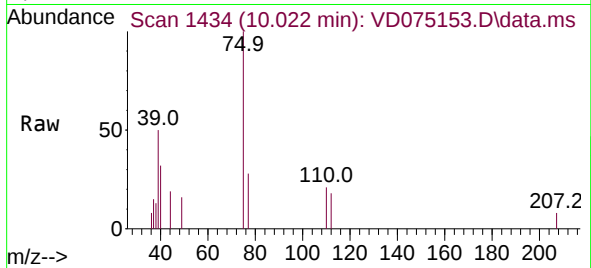




#54
cis-1,3-Dichloropropene
Concen: 2.279 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

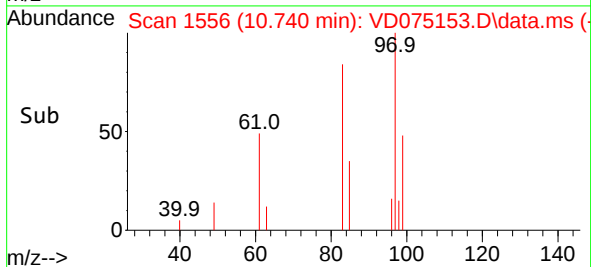
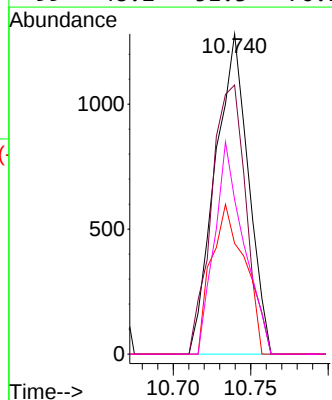
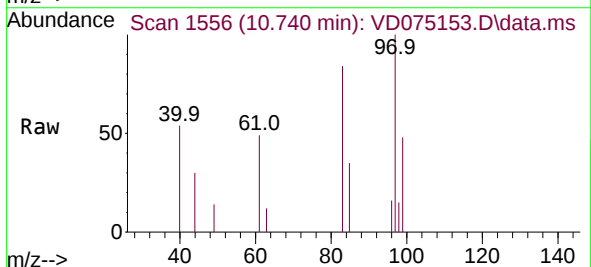
Instrument :
MSVOA_D
ClientSampleId :
MDL04

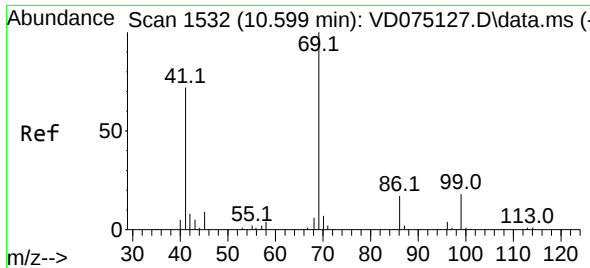
Tgt Ion: 75 Resp: 3332
Ion Ratio Lower Upper
75 100
77 28.0 25.1 37.7
39 49.9 37.9 56.9



#55
1,1,2-Trichloroethane
Concen: 2.828 ug/l
RT: 10.740 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 97 Resp: 1908
Ion Ratio Lower Upper
97 100
83 84.1 69.4 104.0
85 34.6 46.0 69.0#
99 48.2 51.3 76.9#

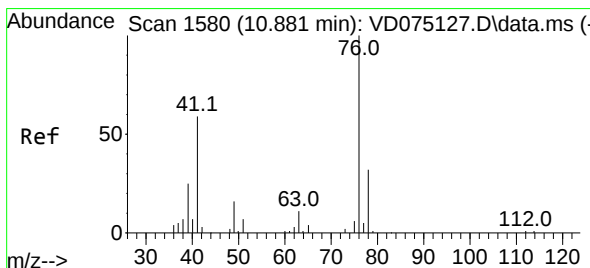
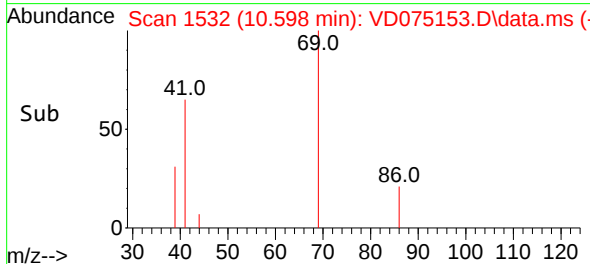
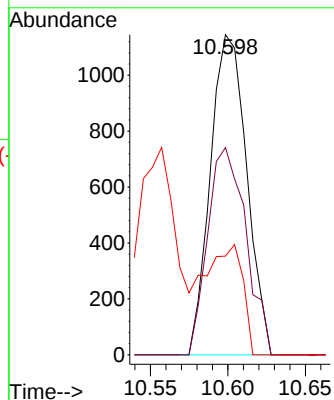
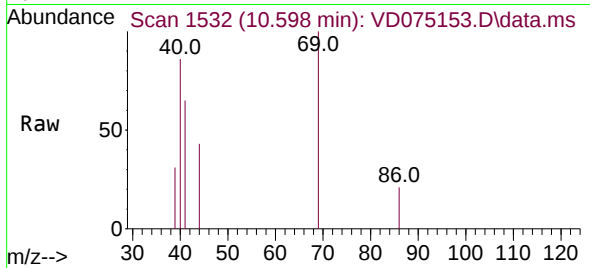




#56
Ethyl methacrylate
Concen: 2.300 ug/l
RT: 10.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

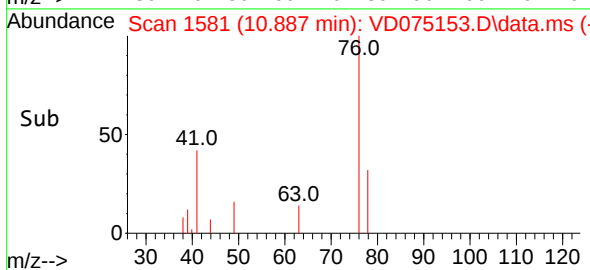
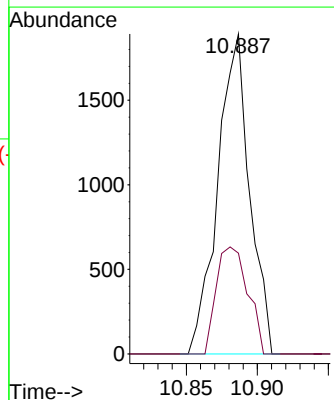
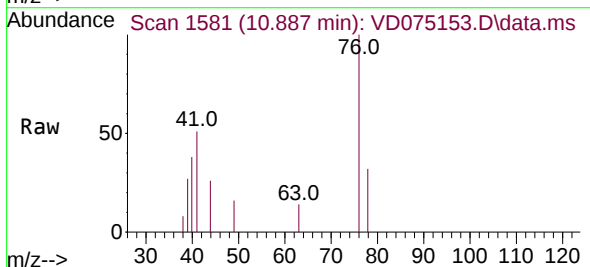
Instrument :
MSVOA_D
ClientSampleId :
MDL04

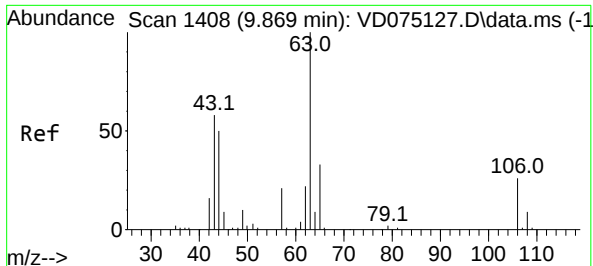
Tgt Ion: 69 Resp: 1866
Ion Ratio Lower Upper
69 100
41 68.0 55.7 83.5
39 25.8 31.4 47.0#



#57
1,3-Dichloropropane
Concen: 2.543 ug/l
RT: 10.887 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 76 Resp: 2948
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.2

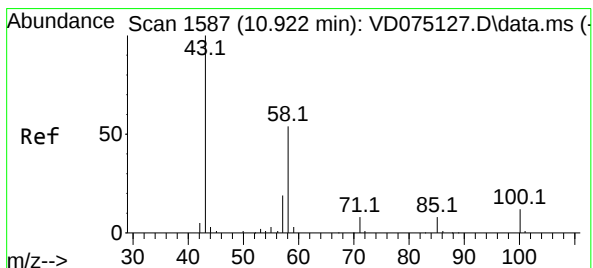
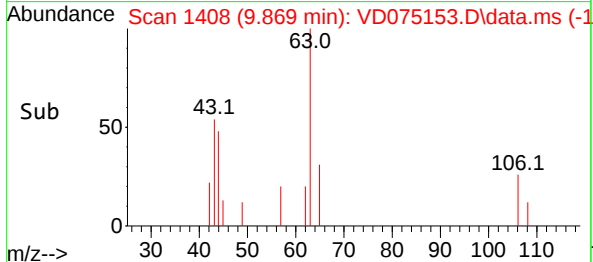
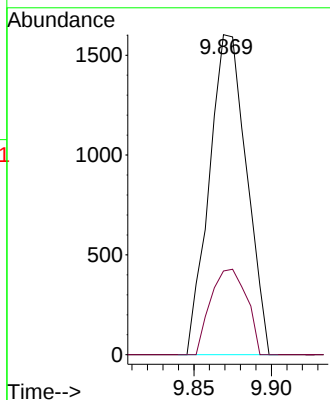
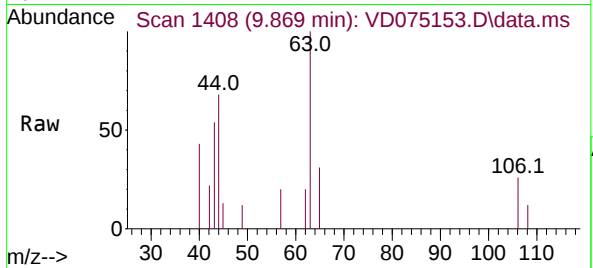




#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

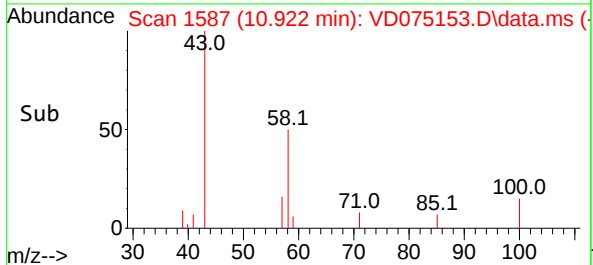
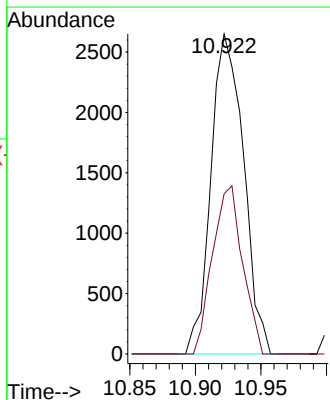
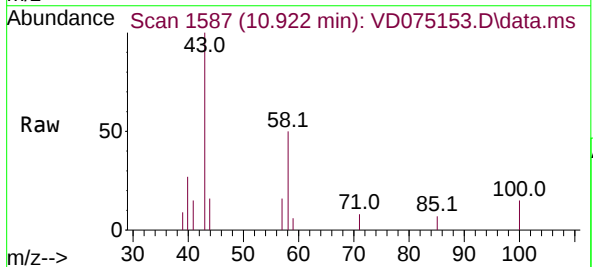
Instrument :
MSVOA_D
ClientSampleId :
MDL04

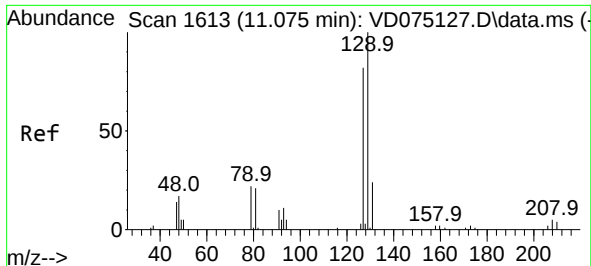
Tgt Ion: 63 Resp: 2683
Ion Ratio Lower Upper
63 100
106 25.8 22.6 33.8



#59
2-Hexanone
Concen: 12.247 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 43 Resp: 4587
Ion Ratio Lower Upper
43 100
58 48.4 26.8 80.4

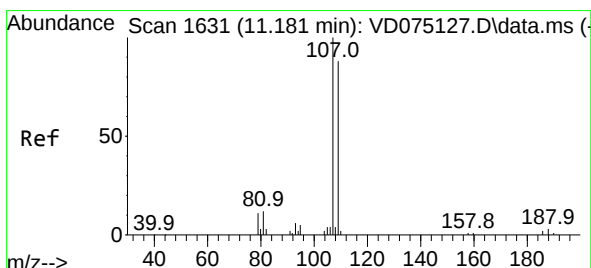
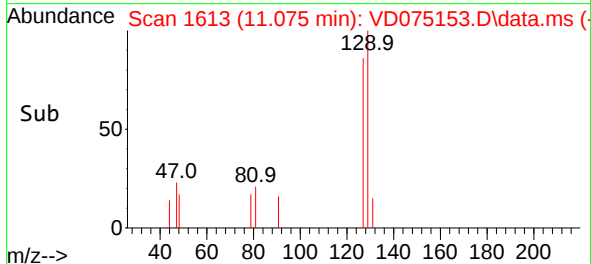
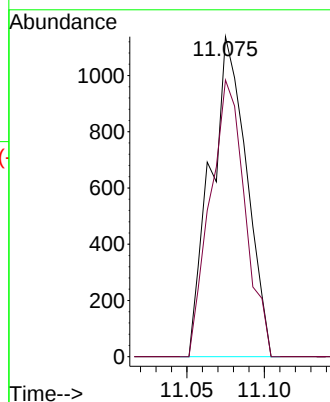
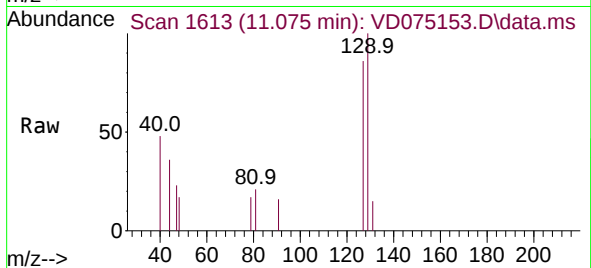




#60
Dibromochloromethane
Concen: 2.260 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

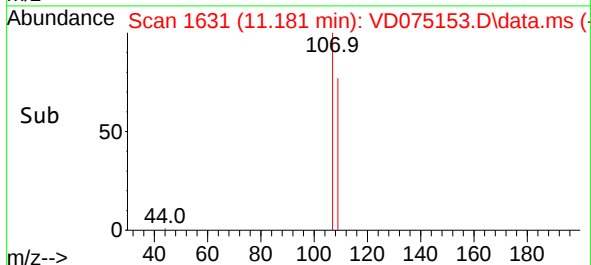
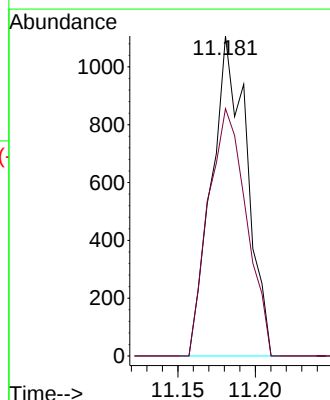
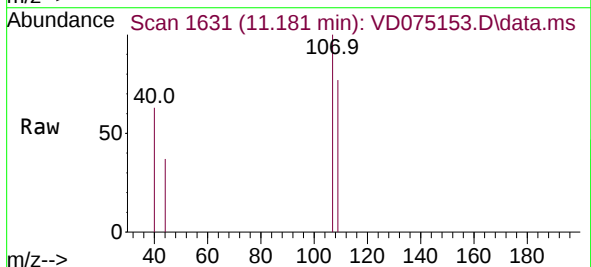
Instrument :
MSVOA_D
ClientSampleId :
MDL04

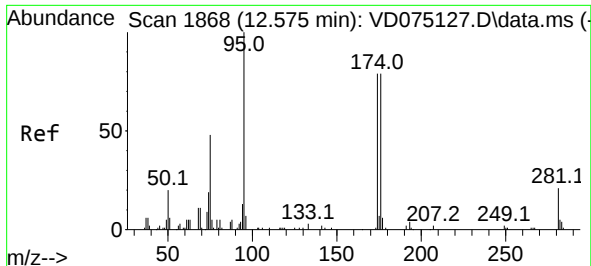
Tgt Ion:129 Resp: 1838
Ion Ratio Lower Upper
129 100
127 83.5 38.9 116.6



#61
1,2-Dibromoethane
Concen: 2.710 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:107 Resp: 1747
Ion Ratio Lower Upper
107 100
109 83.6 75.2 112.8

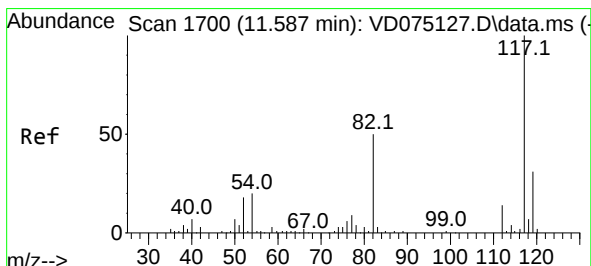
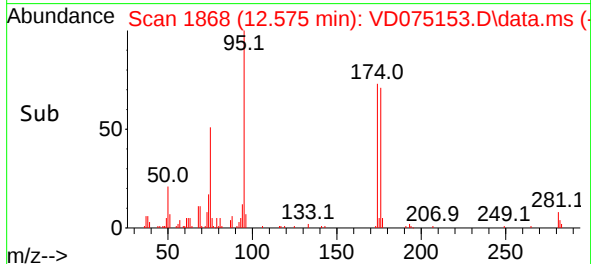
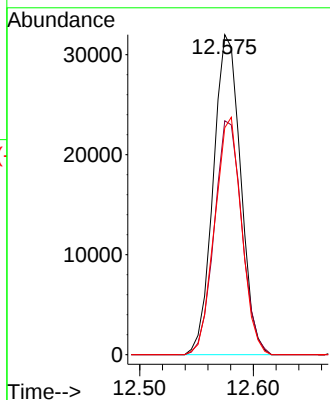
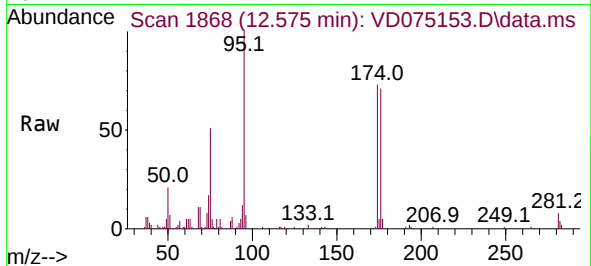




#62
4-Bromofluorobenzene
Concen: 50.006 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

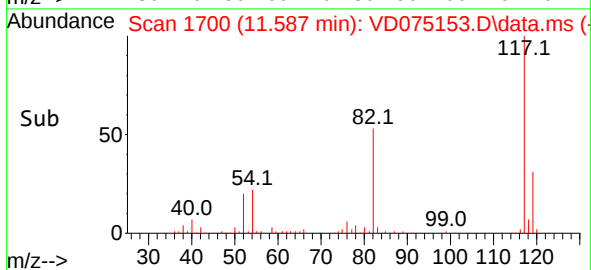
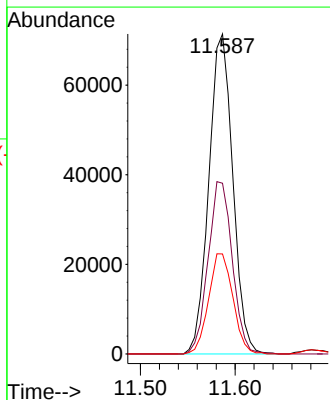
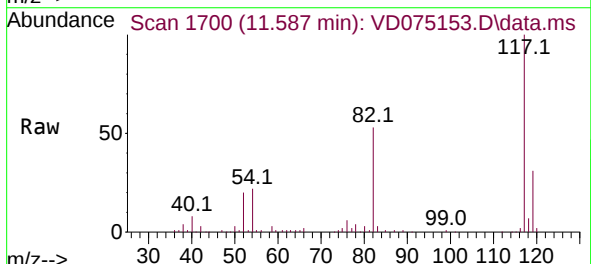
Instrument :
MSVOA_D
ClientSampleId :
MDL04

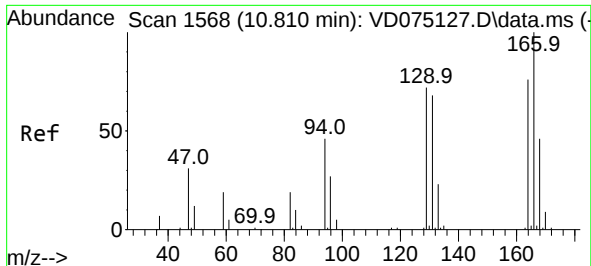
Tgt Ion: 95 Resp: 53511
Ion Ratio Lower Upper
95 100
174 73.7 0.0 161.2
176 72.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 117 Resp: 125526
Ion Ratio Lower Upper
117 100
82 53.4 39.6 59.4
119 31.3 24.6 37.0



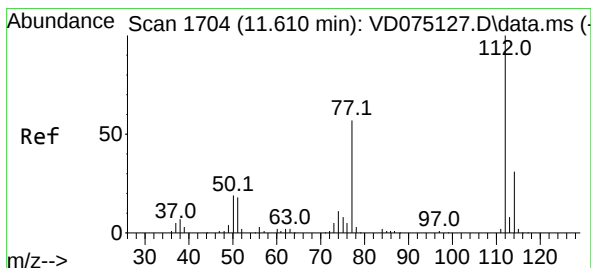
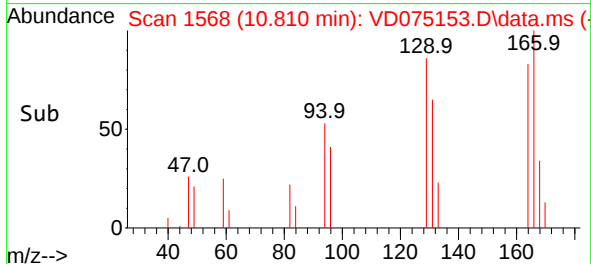
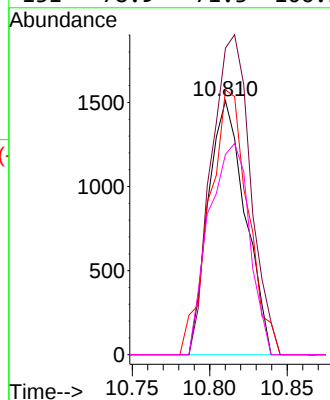
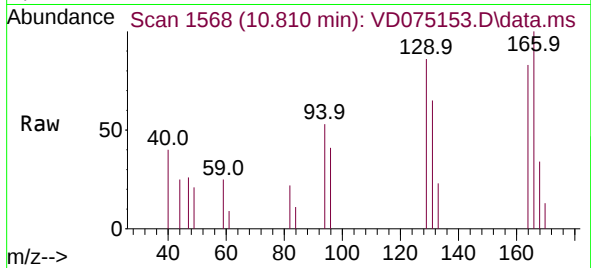


#64
Tetrachloroethene
Concen: 2.803 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
MDL04

Tgt Ion:164 Resp: 2513

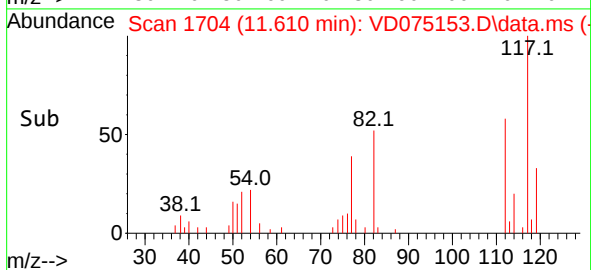
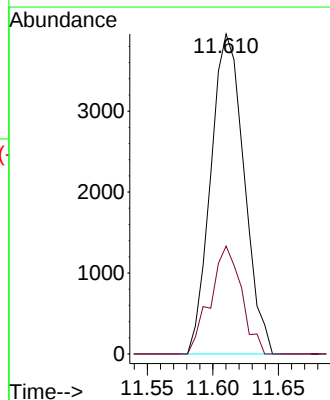
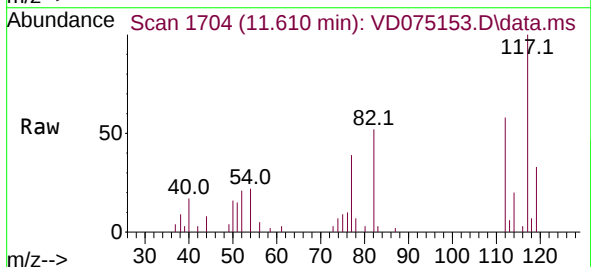
Ion	Ratio	Lower	Upper
164	100		
166	120.8	105.3	157.9
129	104.3	76.2	114.4
131	78.9	71.3	106.9

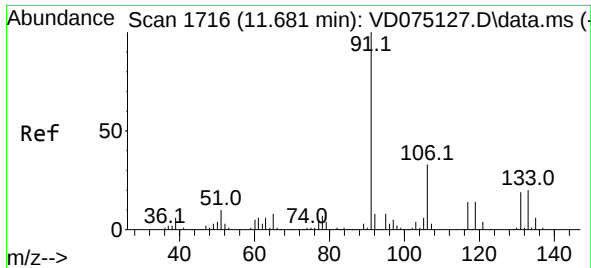


#65
Chlorobenzene
Concen: 2.716 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:112 Resp: 6986

Ion	Ratio	Lower	Upper
112	100		
114	33.7	24.7	37.1

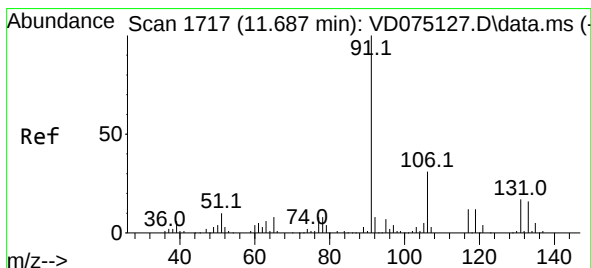
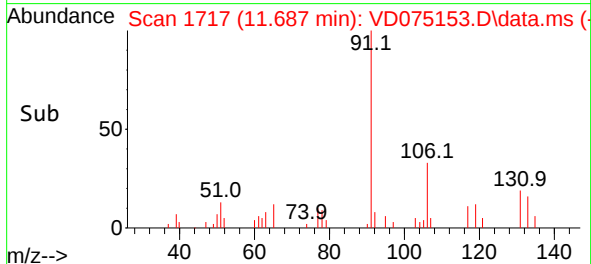
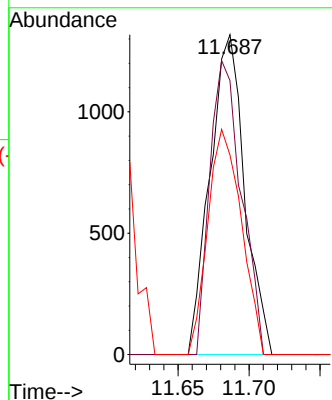
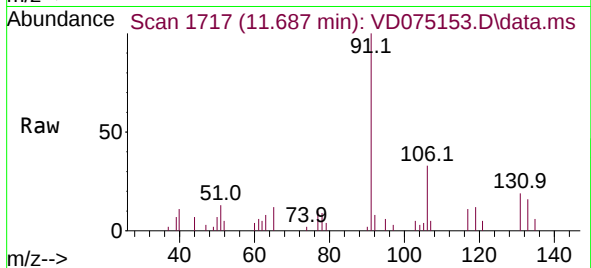




#66
1,1,1,2-Tetrachloroethane
Concen: 2.580 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

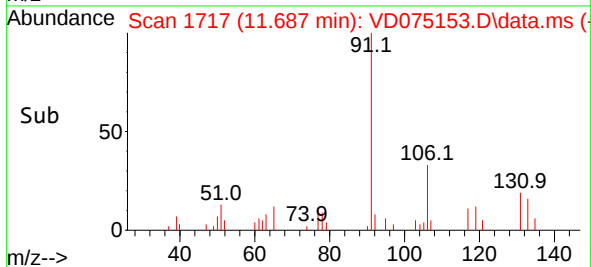
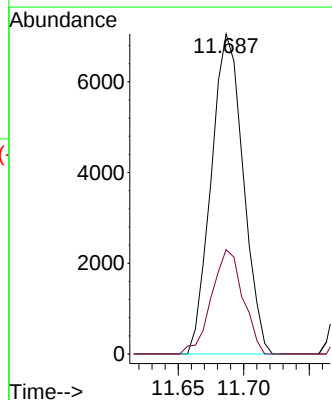
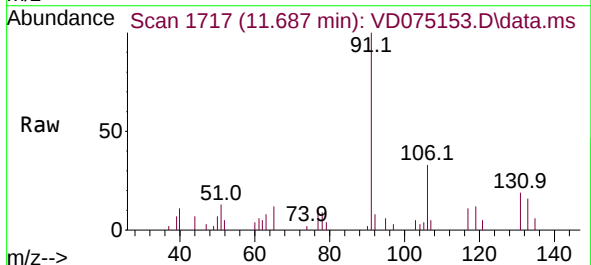
Instrument :
MSVOA_D
ClientSampleId :
MDL04

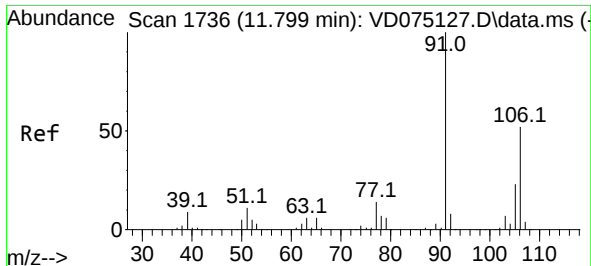
Tgt Ion:131 Resp: 2232
Ion Ratio Lower Upper
131 100
133 84.1 49.0 147.2
119 68.5 34.8 104.5



#67
Ethyl Benzene
Concen: 2.586 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 91 Resp: 11975
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.6

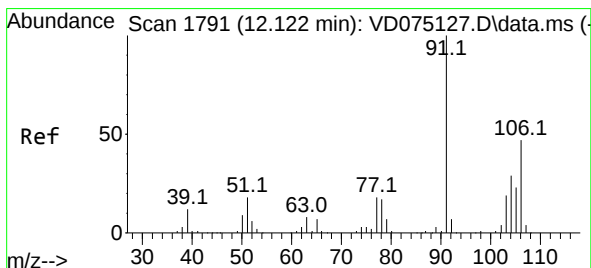
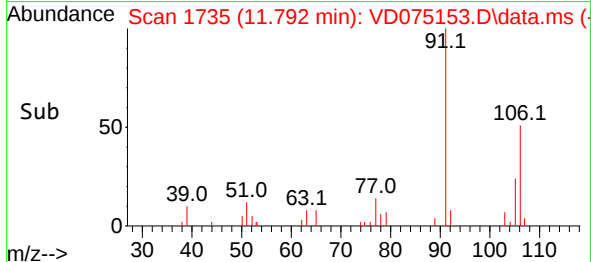
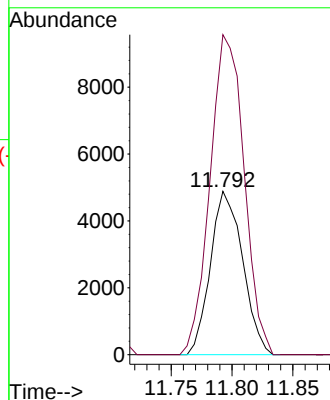
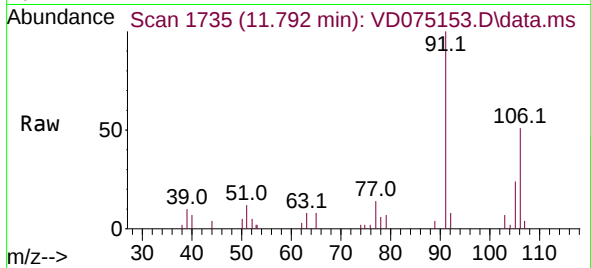




#68
m/p-Xylenes
Concen: 5.029 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

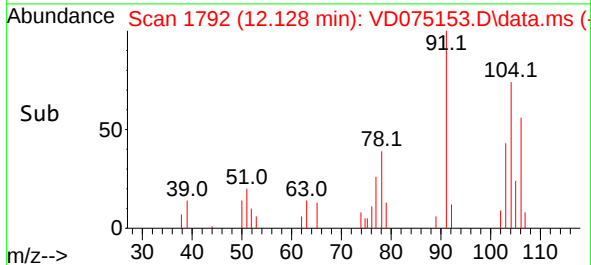
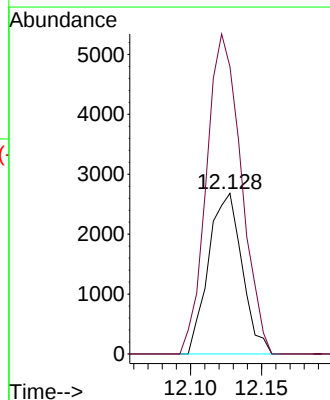
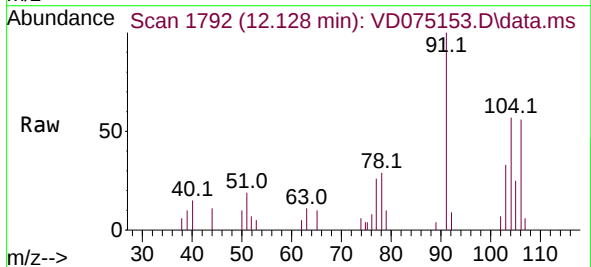
Instrument :
MSVOA_D
ClientSampleId :
MDL04

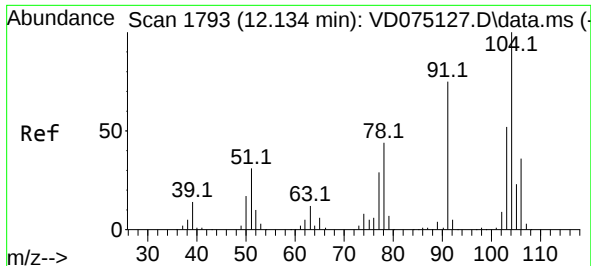
Tgt Ion:106 Resp: 8994
Ion Ratio Lower Upper
106 100
91 207.1 160.3 240.5



#69
o-Xylene
Concen: 2.627 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:106 Resp: 4407
Ion Ratio Lower Upper
106 100
91 206.9 103.6 310.9

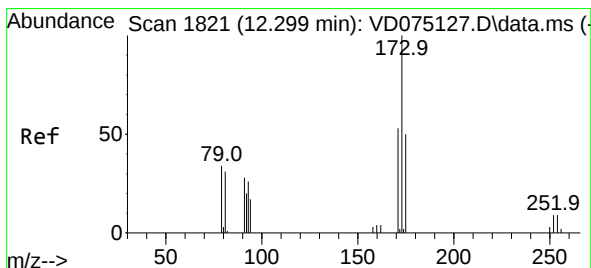
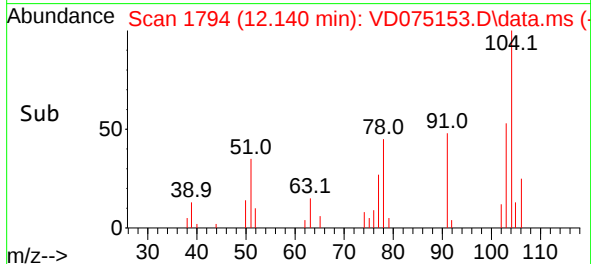
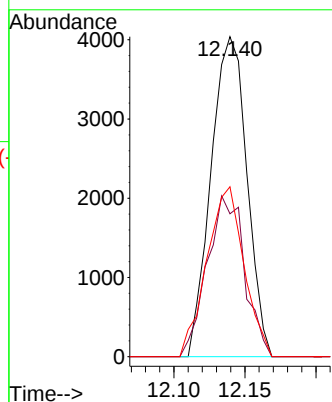
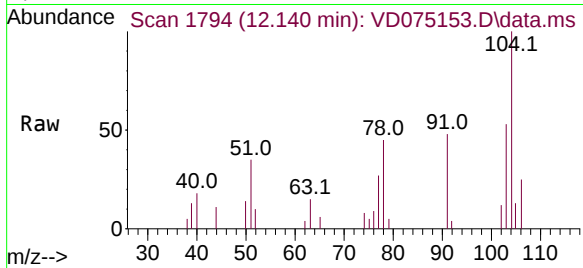




#70
Styrene
Concen: 2.546 ug/l
RT: 12.140 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

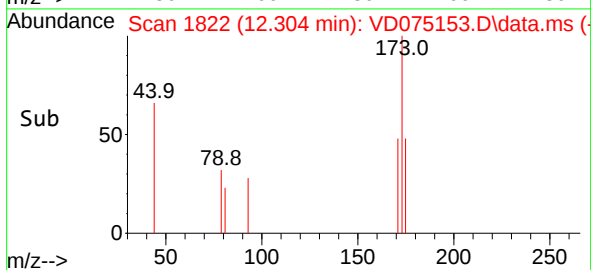
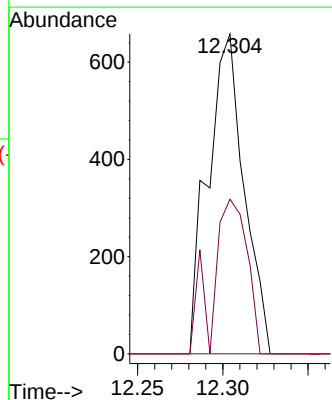
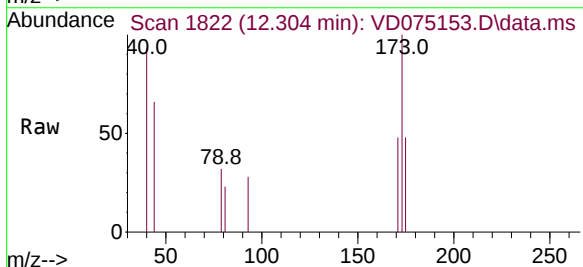
Instrument :
MSVOA_D
ClientSampleId :
MDL04

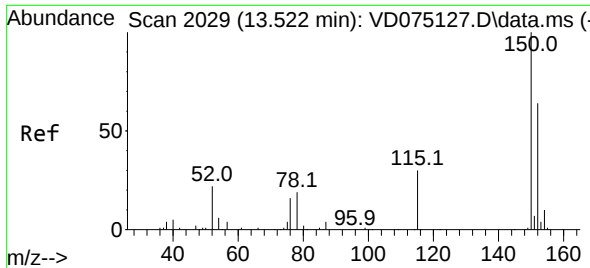
Tgt Ion:104	Resp:	7101
Ion Ratio	Lower	Upper
104	100	
78	52.1	38.9 58.3
103	54.9	43.6 65.4



#71
Bromoform
Concen: 2.176 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:173	Resp:	972
Ion Ratio	Lower	Upper
173	100	
175	46.2	25.4 76.0
254	0.0	0.0 0.0

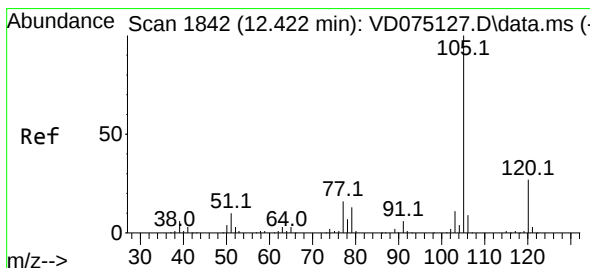
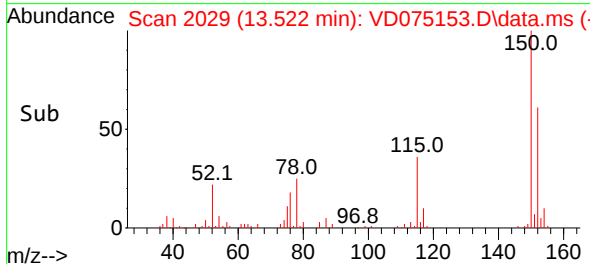
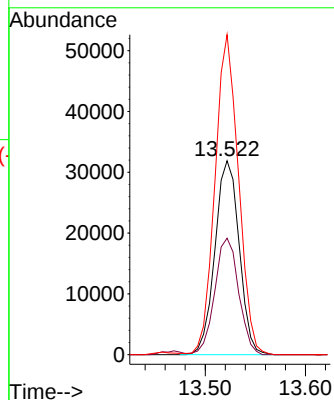
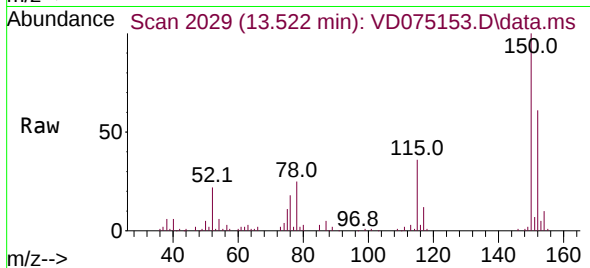




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

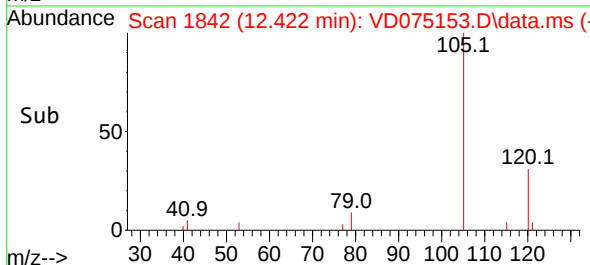
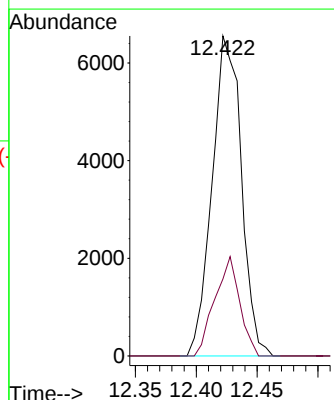
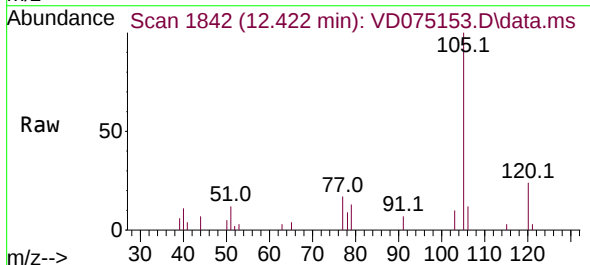
Instrument :
MSVOA_D
ClientSampleId :
MDL04

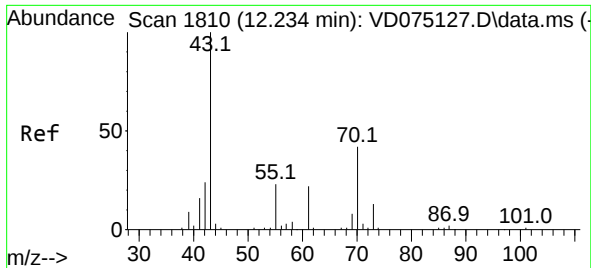
Tgt Ion:152 Resp: 53419
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 160.2 0.0 348.6



#73
Isopropylbenzene
Concen: 2.592 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:105 Resp: 10937
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.1

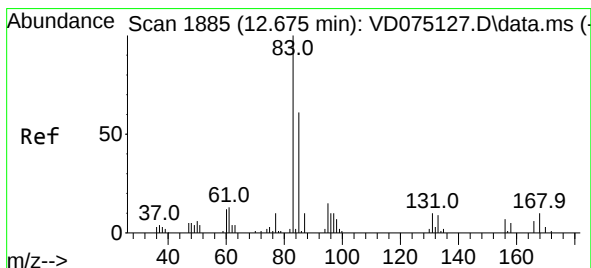
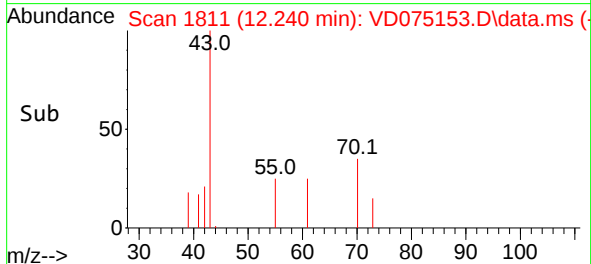
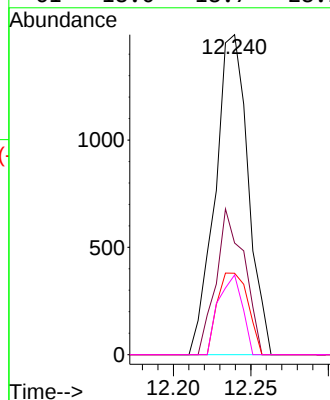
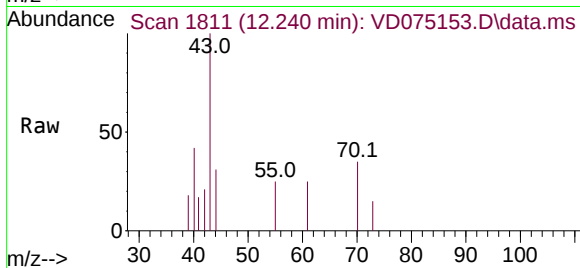




#74
N-amy1 acetate
Concen: 2.384 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

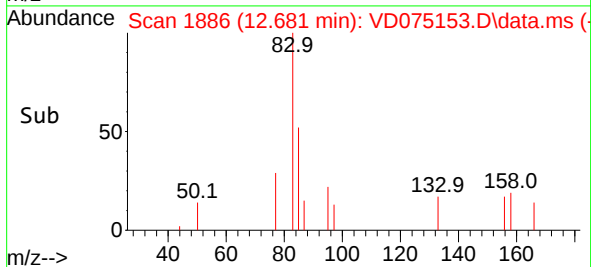
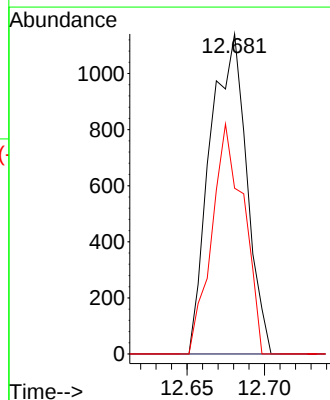
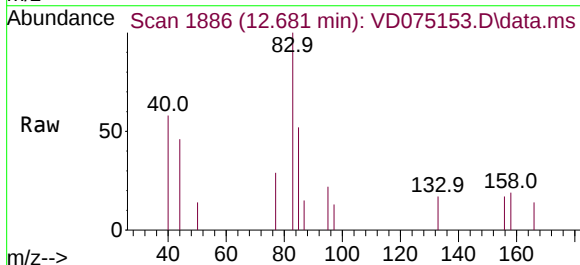
Instrument :
MSVOA_D
ClientSampleId :
MDL04

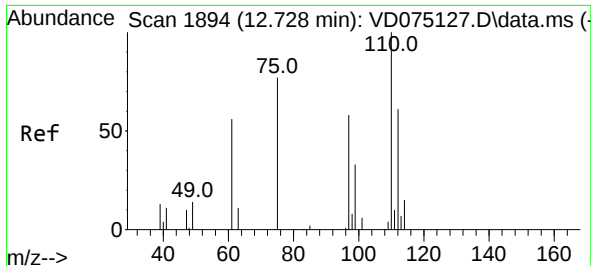
Tgt Ion: 43	Resp: 2204
Ion Ratio	Lower Upper
43 100	
70 38.7	32.6 49.0
55 23.6	17.8 26.8
61 18.0	18.7 28.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.780 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 83	Resp: 1869
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.6#
85 62.7	31.9 95.7

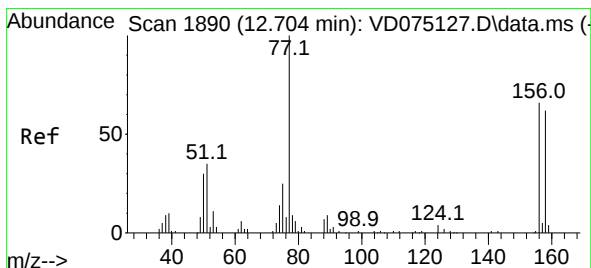
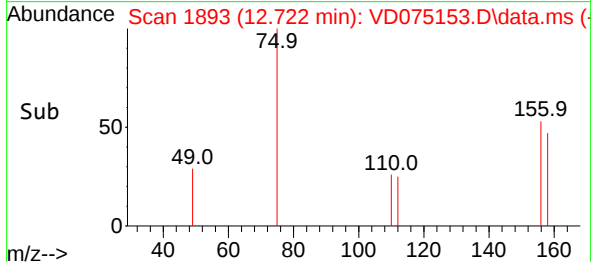
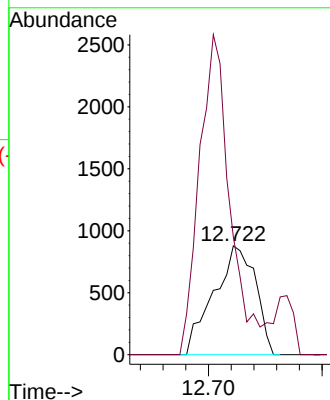
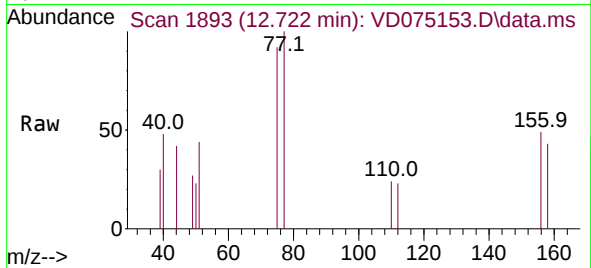




#76
1,2,3-Trichloropropane
Concen: 4.945 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

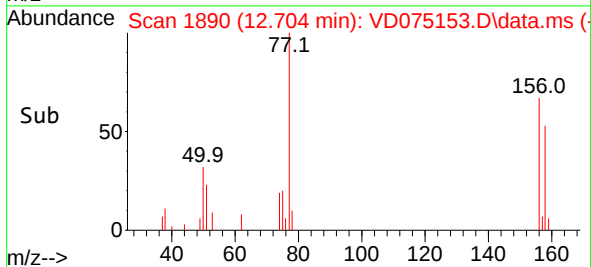
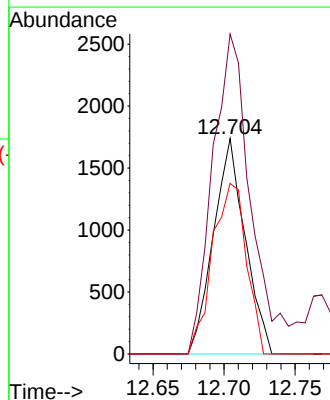
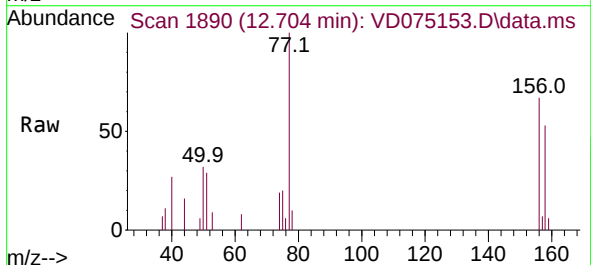
Instrument :
MSVOA_D
ClientSampleId :
MDL04

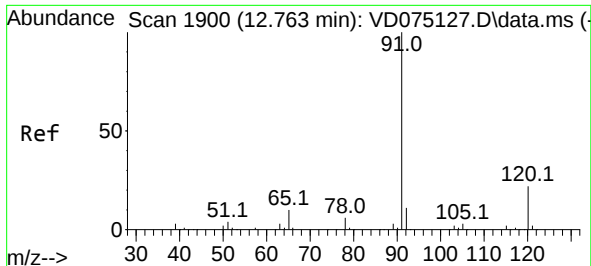
Tgt Ion: 75 Resp: 2237
Ion Ratio Lower Upper
75 100
77 215.1 0.0 0.0#



#77
Bromobenzene
Concen: 2.796 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 156 Resp: 2695
Ion Ratio Lower Upper
156 100
77 178.5 85.6 256.8
158 84.7 47.3 141.9

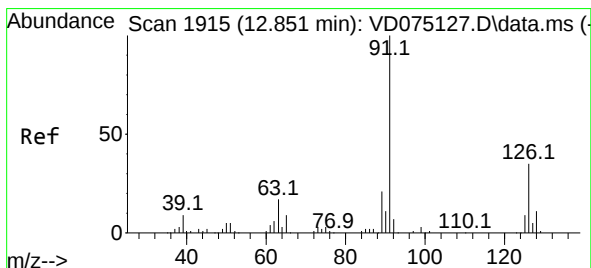
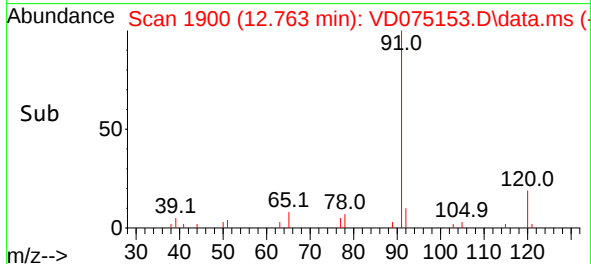
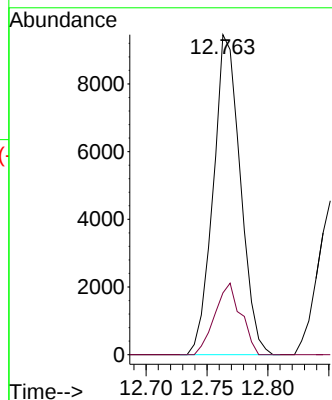
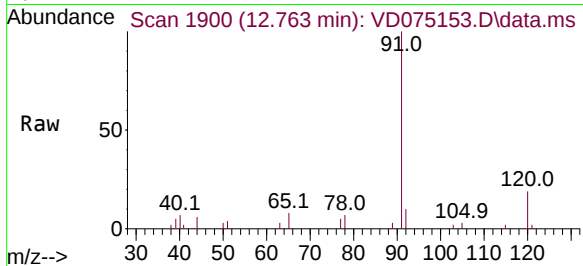




#78
n-propylbenzene
Concen: 2.813 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

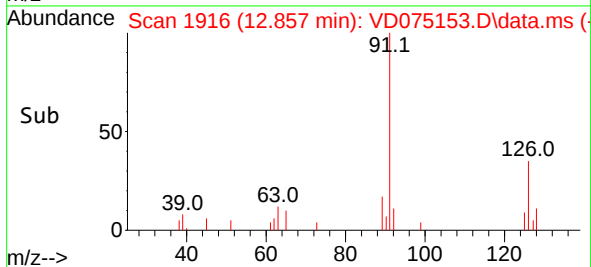
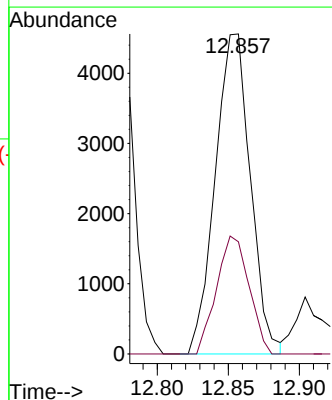
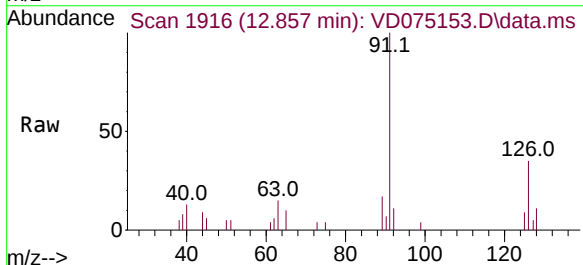
Instrument :
MSVOA_D
ClientSampleId :
MDL04

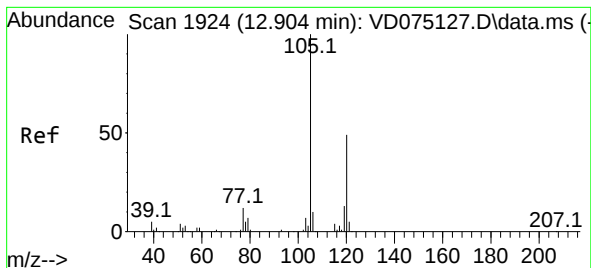
Tgt Ion: 91 Resp: 14586
Ion Ratio Lower Upper
91 100
120 21.5 11.7 35.0



#79
2-Chlorotoluene
Concen: 2.753 ug/l
RT: 12.857 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 91 Resp: 7850
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 2.582 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

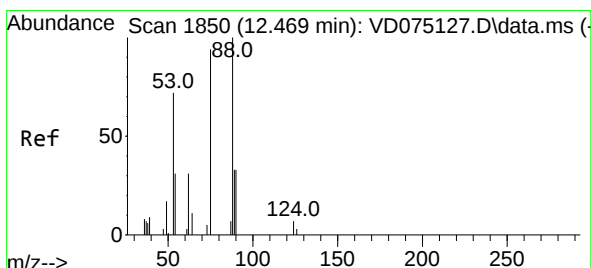
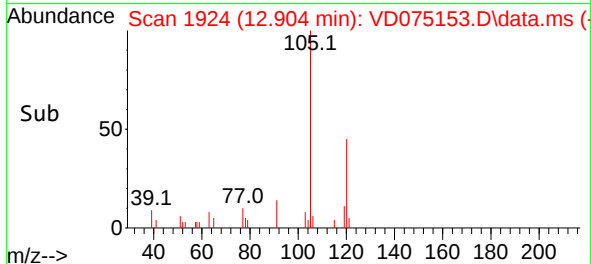
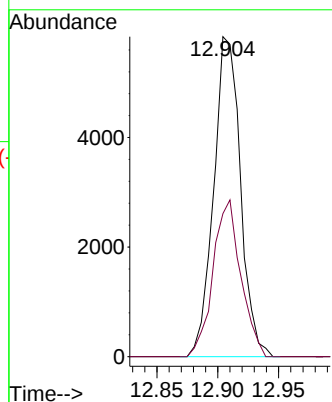
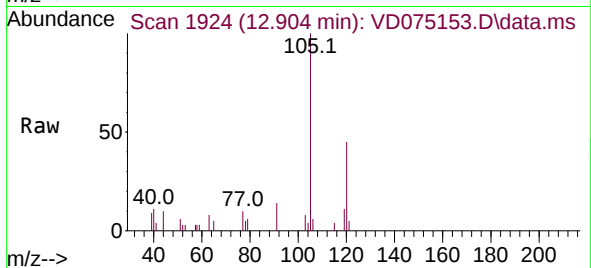
MDL04

Tgt Ion:105 Resp: 8925

Ion Ratio Lower Upper

105 100

120 50.7 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 138.369 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

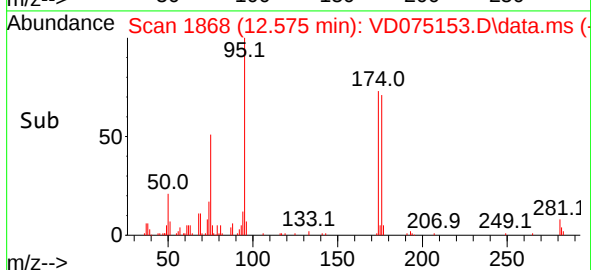
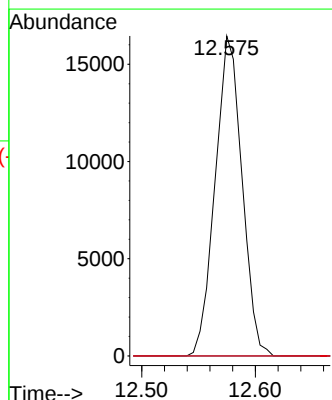
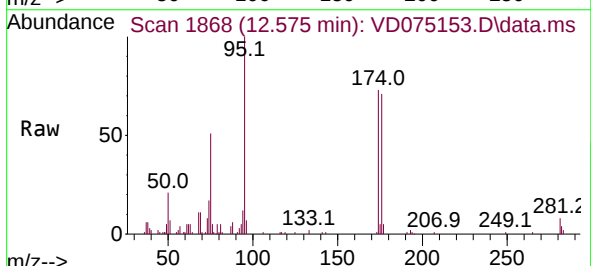
Tgt Ion: 75 Resp: 26988

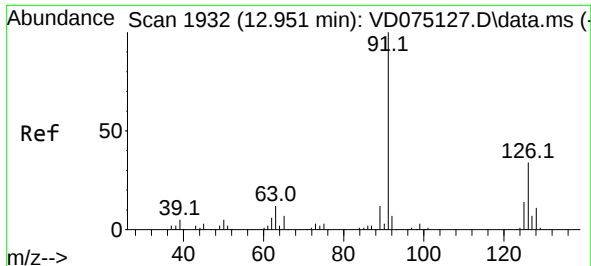
Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 34.6 52.0#

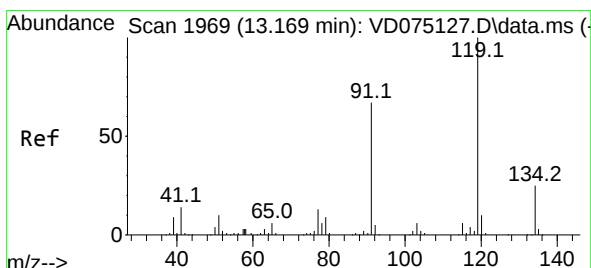
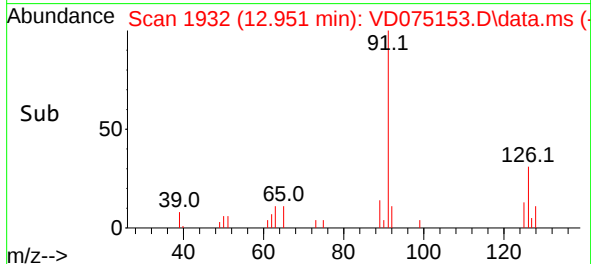
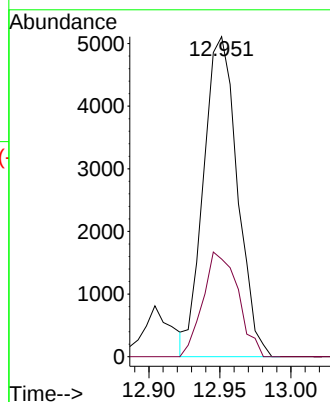
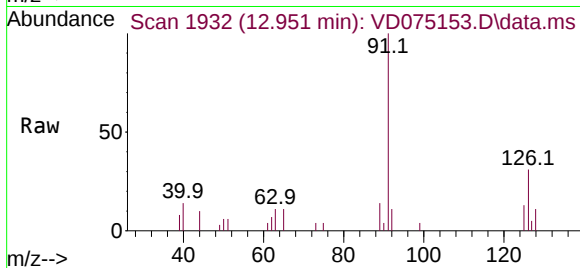




#82
4-Chlorotoluene
Concen: 2.889 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

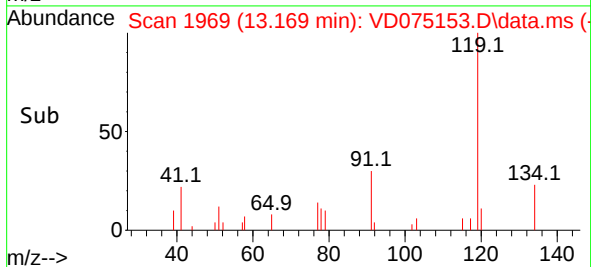
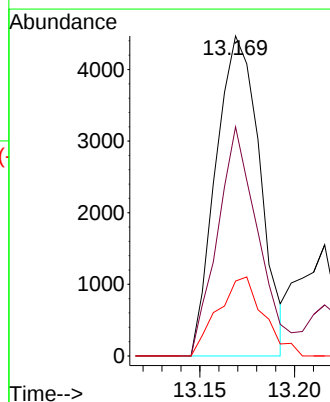
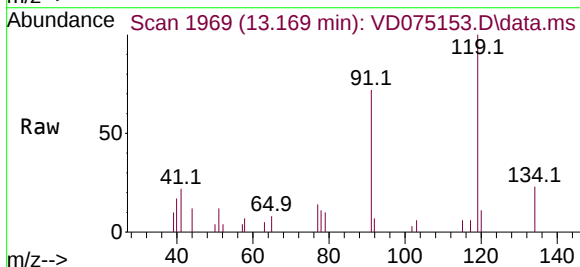
Instrument :
MSVOA_D
ClientSampleId :
MDL04

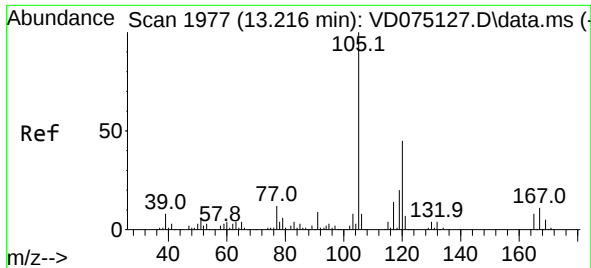
Tgt Ion: 91 Resp: 8470
Ion Ratio Lower Upper
91 100
126 33.9 17.3 52.0



#83
tert-Butylbenzene
Concen: 2.425 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 119 Resp: 7253
Ion Ratio Lower Upper
119 100
91 65.9 32.9 98.6
134 25.5 13.3 39.8

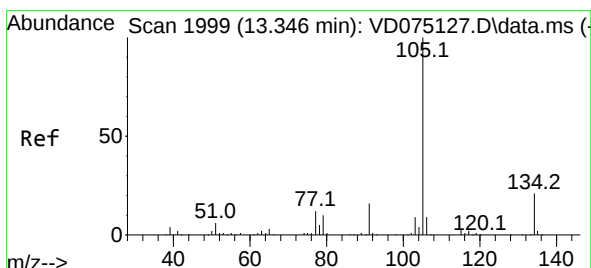
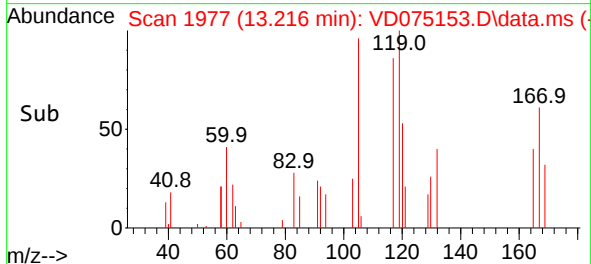
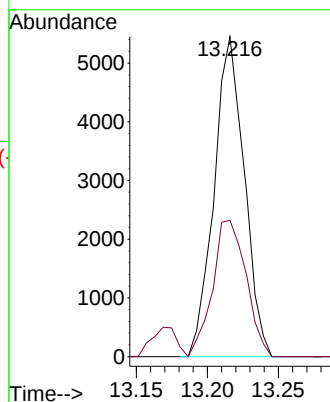
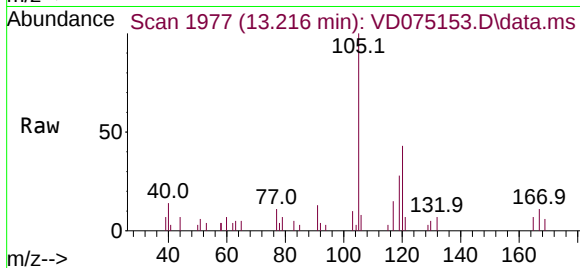




#84
1,2,4-Trimethylbenzene
Concen: 2.374 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

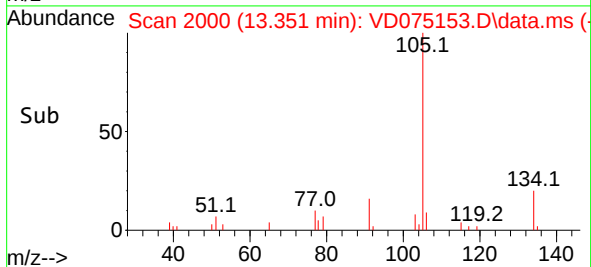
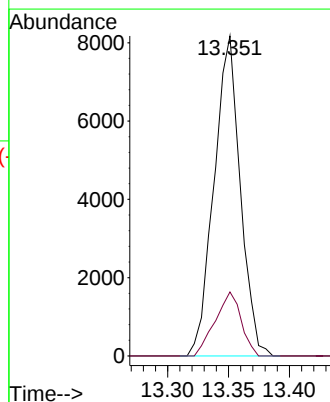
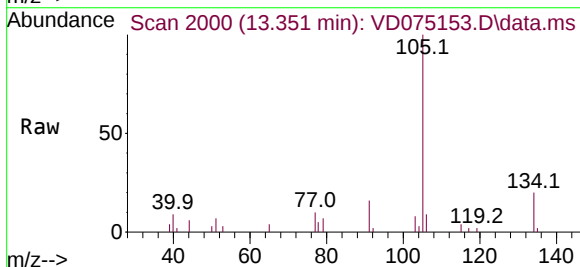
Instrument :
MSVOA_D
ClientSampleId :
MDL04

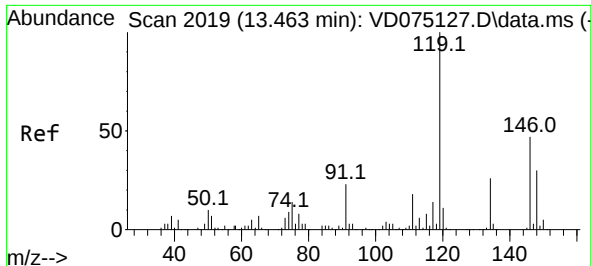
Tgt Ion:105 Resp: 8060
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.5



#85
sec-Butylbenzene
Concen: 2.701 ug/l
RT: 13.351 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:105 Resp: 12273
Ion Ratio Lower Upper
105 100
134 19.7 10.4 31.2

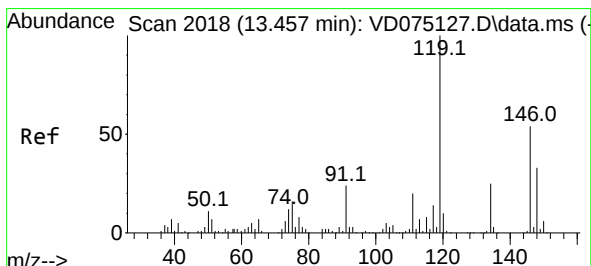
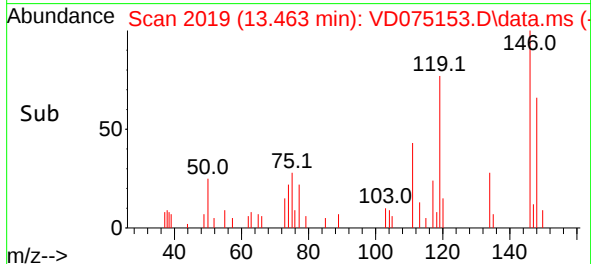
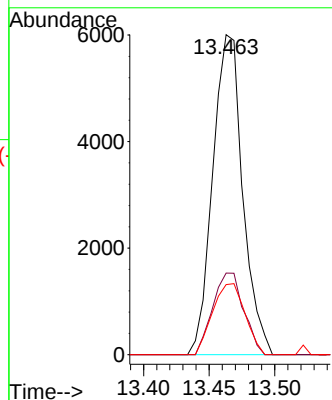
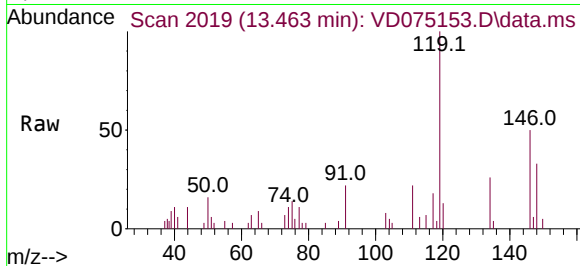




#86
 p-Isopropyltoluene
 Concen: 2.568 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

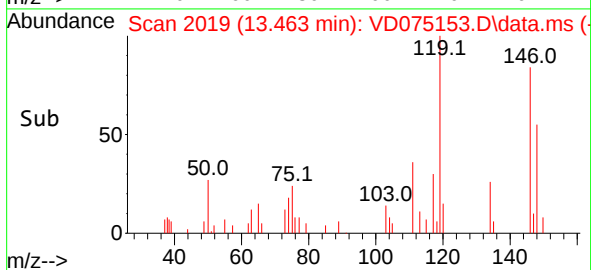
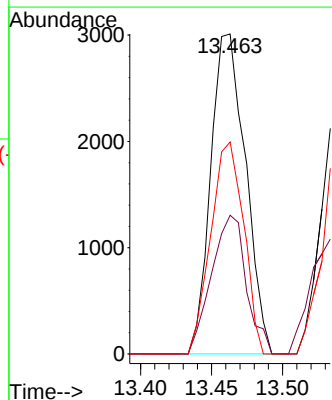
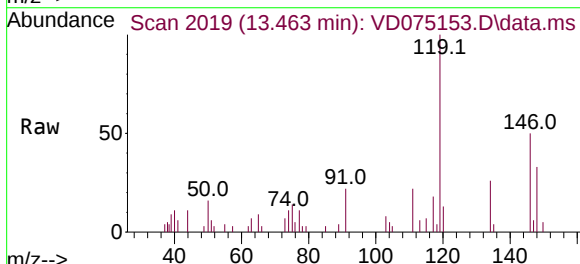
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL04

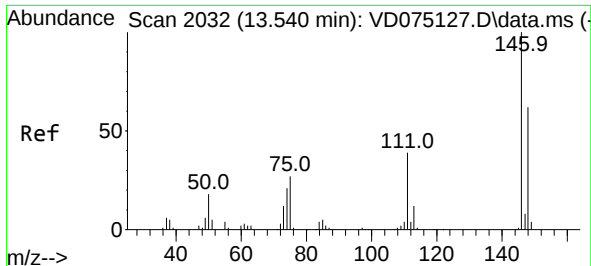
Tgt Ion:119	Resp:	9552
Ion	Ratio	Lower Upper
119	100	
134	26.3	13.3 39.8
91	24.0	11.9 35.5



#87
 1,3-Dichlorobenzene
 Concen: 2.745 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075153.D
 Acq: 20 Jan 2023 15:08

Tgt Ion:146	Resp:	5129
Ion	Ratio	Lower Upper
146	100	
111	43.3	18.9 56.9
148	62.7	31.1 93.3

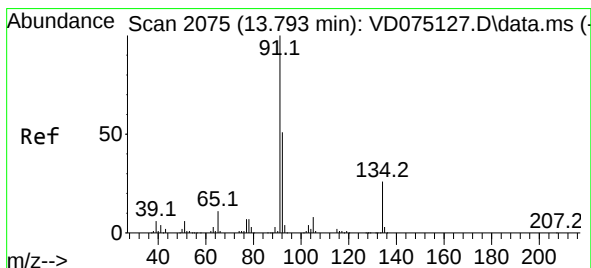
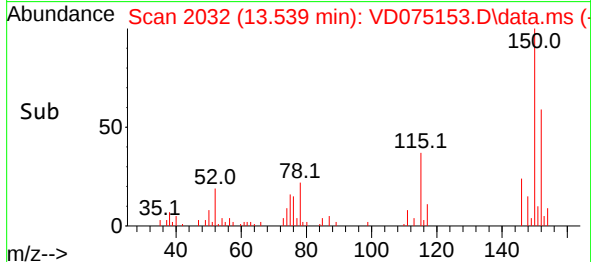
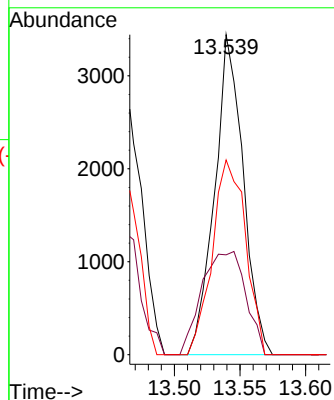
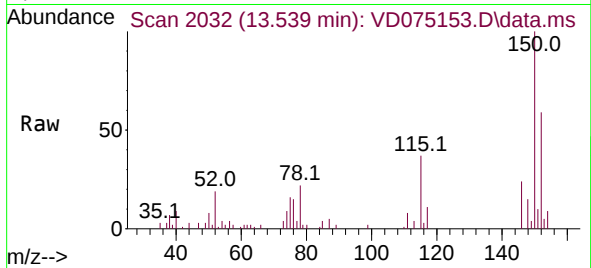




#88
1,4-Dichlorobenzene
Concen: 2.836 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

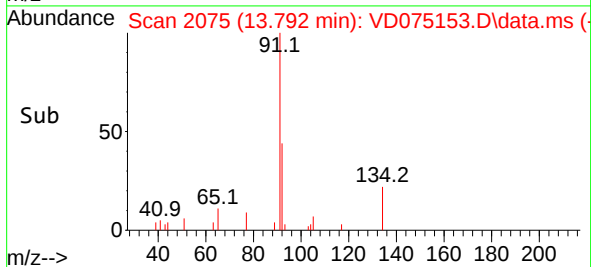
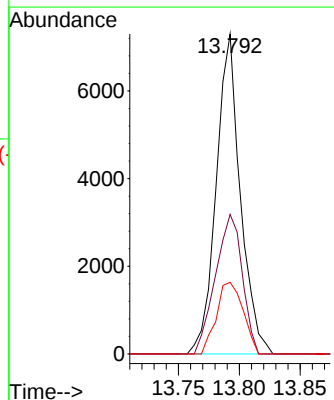
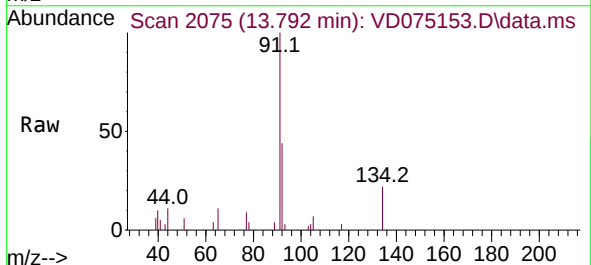
Instrument :
MSVOA_D
ClientSampleId :
MDL04

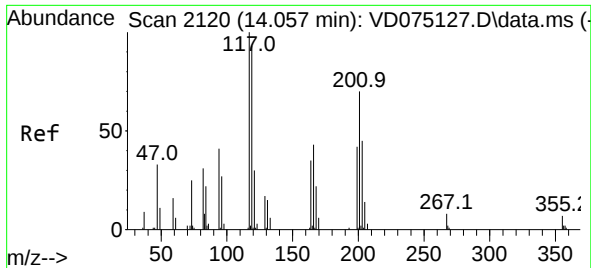
Tgt Ion:146 Resp: 5212
Ion Ratio Lower Upper
146 100
111 49.5 19.7 59.1
148 70.8 31.9 95.5



#89
n-Butylbenzene
Concen: 2.773 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion: 91 Resp: 10053
Ion Ratio Lower Upper
91 100
92 48.4 26.8 80.3
134 24.8 13.3 39.8

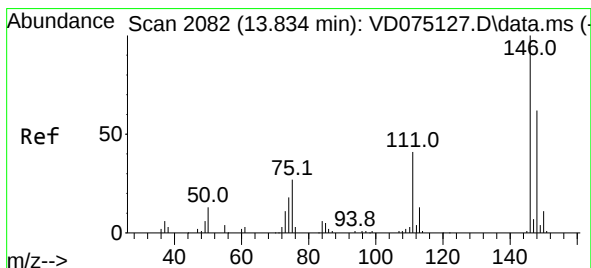
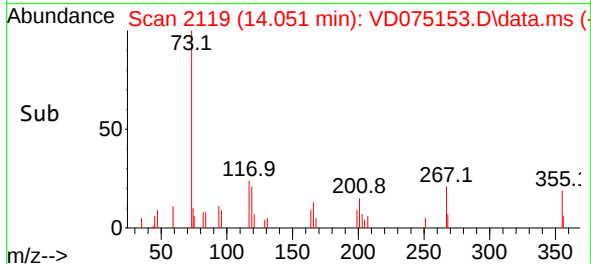
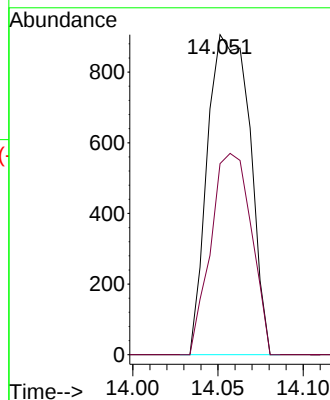
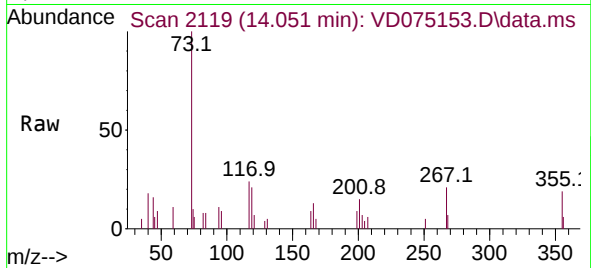




#90
Hexachloroethane
Concen: 2.381 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

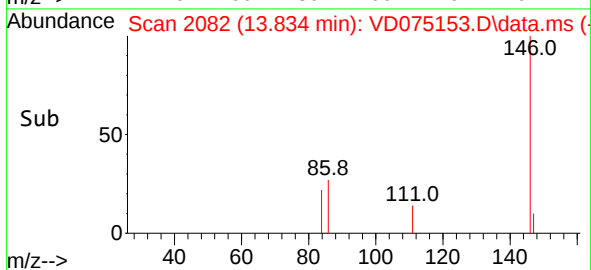
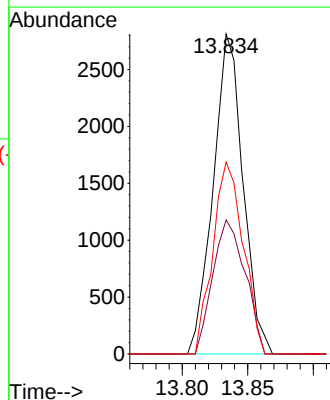
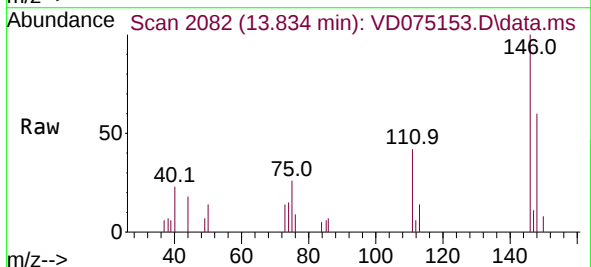
Instrument :
MSVOA_D
ClientSampleId :
MDL04

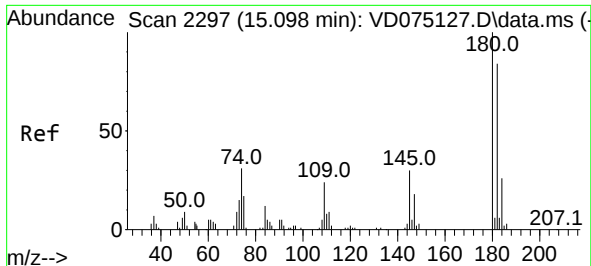
Tgt Ion:117 Resp: 1564
Ion Ratio Lower Upper
117 100
201 60.4 35.1 105.5



#91
1,2-Dichlorobenzene
Concen: 2.777 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:146 Resp: 4439
Ion Ratio Lower Upper
146 100
111 45.5 20.4 61.2
148 61.2 31.9 95.5





#93

1,2,4-Trichlorobenzene

Concen: 2.555 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

MDL04

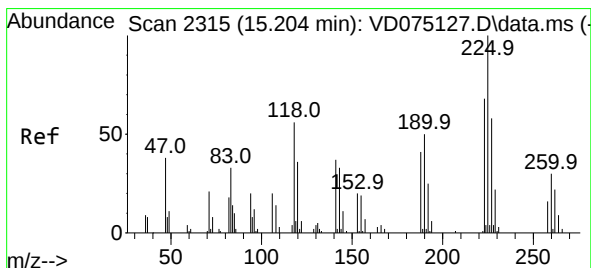
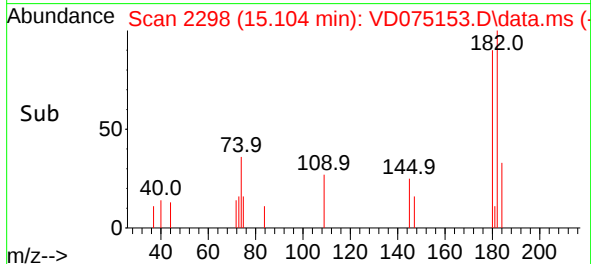
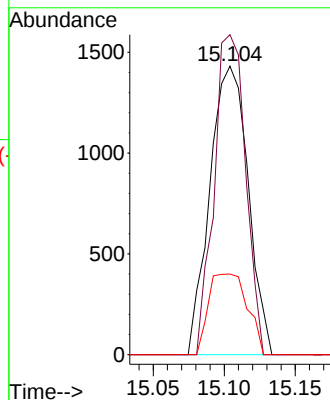
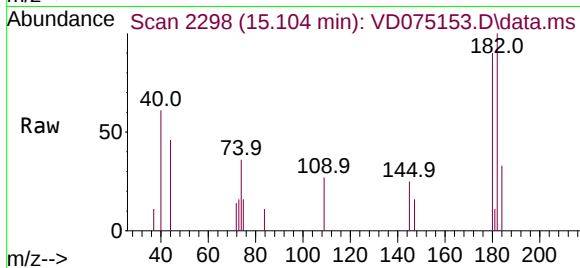
Tgt Ion:180 Resp: 2682

Ion Ratio Lower Upper

180 100

182 91.0 46.2 138.6

145 28.3 15.8 47.4



#94

Hexachlorobutadiene

Concen: 2.348 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD075153.D

Acq: 20 Jan 2023 15:08

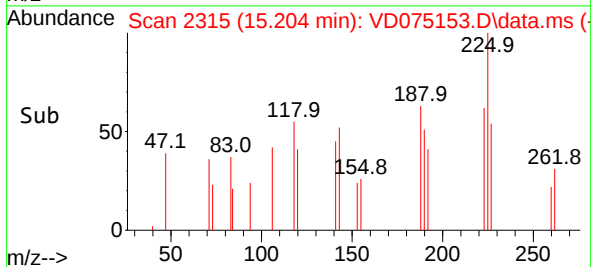
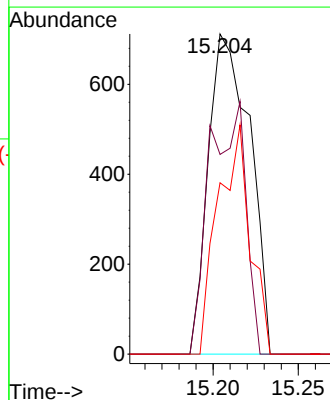
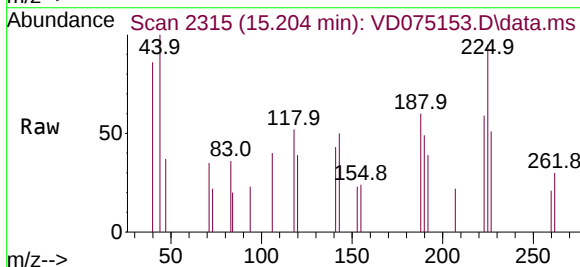
Tgt Ion:225 Resp: 1208

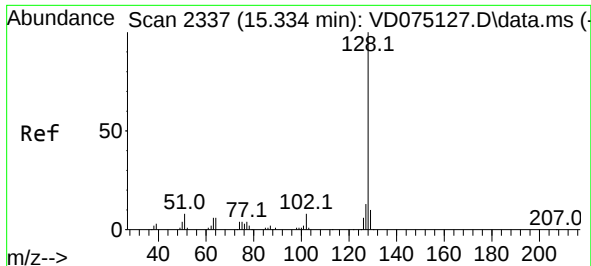
Ion Ratio Lower Upper

225 100

223 68.5 31.8 95.4

227 55.5 30.7 92.1

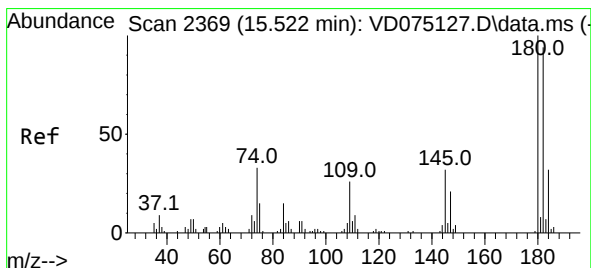
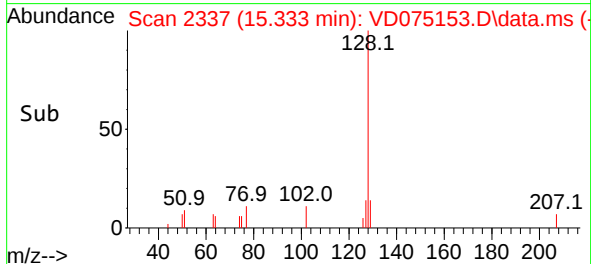
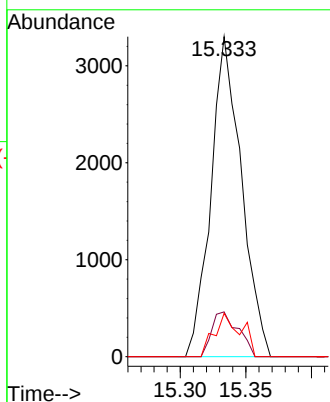
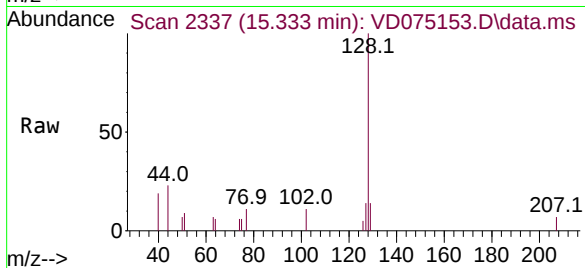




#95
Naphthalene
Concen: 2.556 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
MDL04

Tgt Ion:128	Resp:	5341
Ion	Ratio	Lower Upper
128	100	
127	12.1	10.6 15.8
129	11.8	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.354 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075153.D
Acq: 20 Jan 2023 15:08

Tgt Ion:180	Resp:	2108
Ion	Ratio	Lower Upper
180	100	
182	96.5	47.0 141.0
145	30.5	16.1 48.3

