

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075154.D
 Acq On : 20 Jan 2023 15:35
 Operator : KP/SY
 Sample : MDL05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL05

Quant Time: Jan 23 01:29:00 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	74404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	138691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	123125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41420	54.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.810	113	43806	52.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.540%	
50) Toluene-d8	10.269	98	175351	53.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.280%	
62) 4-Bromofluorobenzene	12.581	95	51907	49.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	1836	2.833	ug/l	94
3) Chloromethane	2.146	50	2821	2.935	ug/l	90
4) Vinyl Chloride	2.281	62	2624	2.544	ug/l	89
5) Bromomethane	2.699	94	2341	3.338	ug/l	99
6) Chloroethane	2.834	64	1881	2.630	ug/l	91
7) Trichlorofluoromethane	3.175	101	3630	2.769	ug/l	98
8) Diethyl Ether	3.593	74	1053	2.493	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.964	101	2292	2.832	ug/l #	88
10) Methyl Iodide	4.158	142	1759	1.615	ug/l #	90
11) Tert butyl alcohol	5.040	59	676	12.763	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	2350	2.758	ug/l #	59
13) Acrolein	3.805	56	484	9.408	ug/l	89
14) Allyl chloride	4.569	41	3901	2.821	ug/l	98
15) Acrylonitrile	5.246	53	1414	7.917	ug/l #	17
16) Acetone	4.034	43	2867	14.317	ug/l #	83
17) Carbon Disulfide	4.269	76	7794	2.821	ug/l	99
18) Methyl Acetate	4.569	43	1905	3.500	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	4949	2.781	ug/l	99
20) Methylene Chloride	4.811	84	11025	8.731	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	2543	2.681	ug/l #	87
22) Diisopropyl ether	6.216	45	6913	2.686	ug/l #	89
23) Vinyl Acetate	6.163	43	8507	7.500	ug/l	97
24) 1,1-Dichloroethane	6.128	63	4523	2.797	ug/l #	80
25) 2-Butanone	7.093	43	3667	15.152	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	3704	2.569	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	3081	2.980	ug/l	98
28) Bromochloromethane	7.422	49	1487	3.368	ug/l #	75
29) Tetrahydrofuran	7.457	42	1871	13.554	ug/l #	84
30) Chloroform	7.604	83	4730	2.933	ug/l	92
31) Cyclohexane	7.881	56	5785	3.799	ug/l #	72
32) 1,1,1-Trichloroethane	7.793	97	3776	2.718	ug/l	94
36) 1,1-Dichloropropene	8.016	75	3566	2.648	ug/l	98
37) Ethyl Acetate	7.169	43	1447	2.667	ug/l #	72
38) Carbon Tetrachloride	7.993	117	2082	1.836	ug/l	86
39) Methylcyclohexane	9.275	83	4589	2.765	ug/l #	90
40) Benzene	8.257	78	10876	2.832	ug/l	94

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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	7.410	41	1249	3.826	ug/l #	54
42) 1,2-Dichloroethane	8.328	62	2726	2.703	ug/l	98
43) Isopropyl Acetate	8.369	43	2662	2.522	ug/l #	69
44) Trichloroethene	9.034	130	2804	2.597	ug/l	98
45) 1,2-Dichloropropane	9.304	63	2551	2.697	ug/l #	81
46) Dibromomethane	9.393	93	1288	2.582	ug/l	93
47) Bromodichloromethane	9.587	83	3118	2.519	ug/l #	95
48) Methyl methacrylate	9.381	41	1338	2.592	ug/l #	87
49) 1,4-Dioxane	9.404	88	62	13.019	ug/l #	21
51) 4-Methyl-2-Pentanone	10.163	43	6046	11.926	ug/l	100
52) Toluene	10.334	92	6837	2.817	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	2524	2.156	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	3191	2.231	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	1600	2.424	ug/l	89
56) Ethyl methacrylate	10.598	69	2108	2.655	ug/l	93
57) 1,3-Dichloropropane	10.881	76	3141	2.769	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.875	63	2717	10.001	ug/l	97
59) 2-Hexanone	10.928	43	4084	11.142	ug/l	93
60) Dibromochloromethane	11.075	129	1990	2.501	ug/l	96
61) 1,2-Dibromoethane	11.181	107	1489	2.361	ug/l	98
64) Tetrachloroethene	10.816	164	2198	2.500	ug/l	87
65) Chlorobenzene	11.610	112	6478	2.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	2049	2.415	ug/l	99
67) Ethyl Benzene	11.687	91	11397	2.510	ug/l	96
68) m/p-Xylenes	11.798	106	8699	4.958	ug/l	100
69) o-Xylene	12.128	106	4036	2.453	ug/l	99
70) Styrene	12.134	104	6401	2.340	ug/l	97
71) Bromoform	12.310	173	840	1.917	ug/l #	89
73) Isopropylbenzene	12.422	105	10555	2.559	ug/l	99
74) N-amyl acetate	12.234	43	2077	2.299	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	1962	2.985	ug/l #	97
76) 1,2,3-Trichloropropane	12.728	75	2004	4.531	ug/l #	100
77) Bromobenzene	12.710	156	2375	2.521	ug/l	88
78) n-propylbenzene	12.763	91	13904	2.743	ug/l	96
79) 2-Chlorotoluene	12.851	91	7094	2.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	8497	2.514	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.575	75	27214	142.728	ug/l #	14
82) 4-Chlorotoluene	12.951	91	7488	2.612	ug/l	96
83) tert-Butylbenzene	13.169	119	7384	2.525	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	8136	2.451	ug/l	97
85) sec-Butylbenzene	13.345	105	11541	2.598	ug/l	96
86) p-Isopropyltoluene	13.463	119	8838	2.430	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	4590	2.513	ug/l	93
88) 1,4-Dichlorobenzene	13.545	146	4962	2.761	ug/l	87
89) n-Butylbenzene	13.787	91	9382	2.647	ug/l	94
90) Hexachloroethane	14.063	117	1502	2.339	ug/l	85
91) 1,2-Dichlorobenzene	13.839	146	3641	2.330	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	203	2.020	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.098	180	2249	2.192	ug/l	97
94) Hexachlorobutadiene	15.210	225	1171	2.329	ug/l	90
95) Naphthalene	15.339	128	4972	2.434	ug/l	96
96) 1,2,3-Trichlorobenzene	15.534	180	1924	2.198	ug/l	98

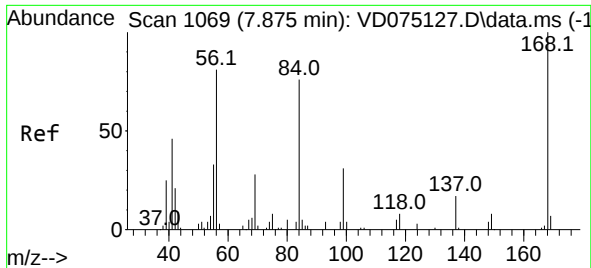
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Response via : Initial Calibration

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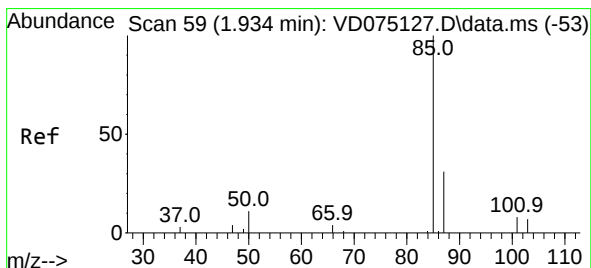
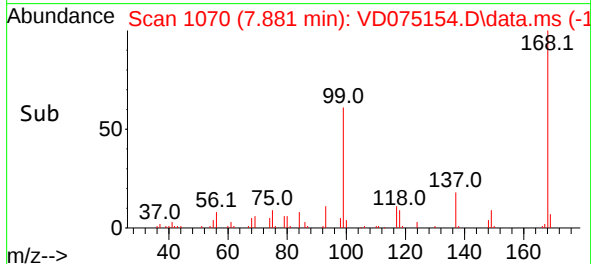
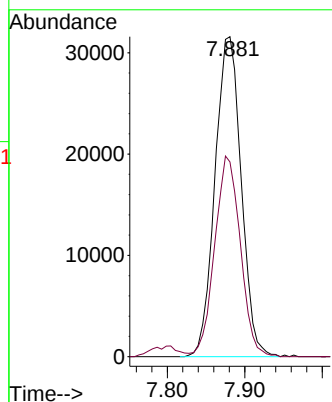
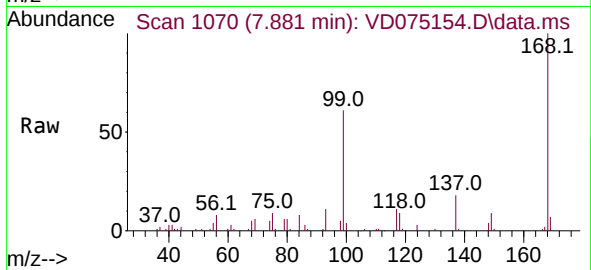
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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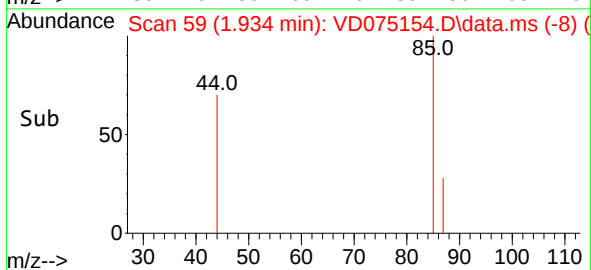
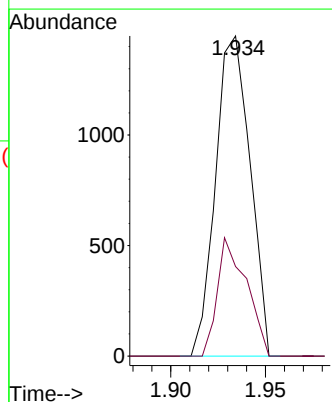
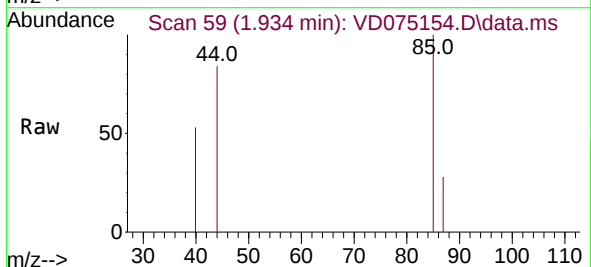
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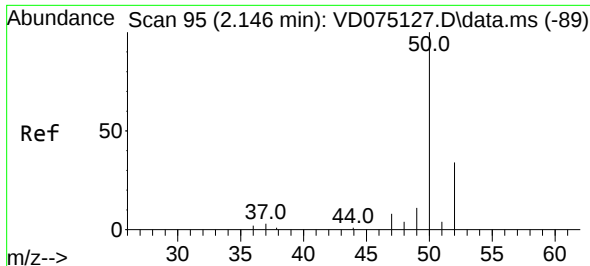
Tgt Ion:168 Resp: 74404
Ion Ratio Lower Upper
168 100
99 60.9 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 2.833 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 85 Resp: 1836
Ion Ratio Lower Upper
85 100
87 28.0 15.7 47.0

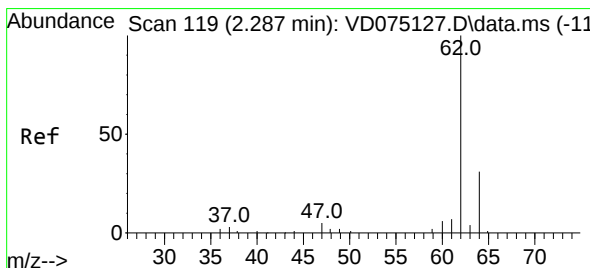
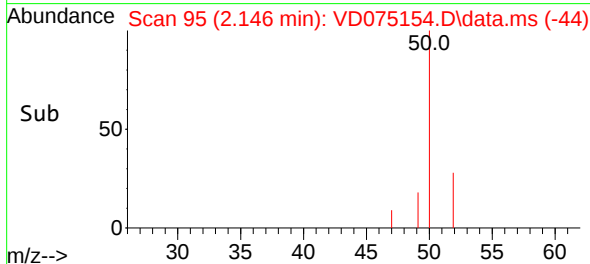
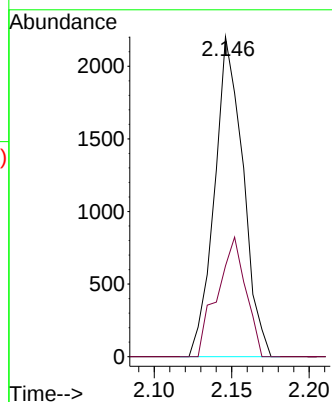
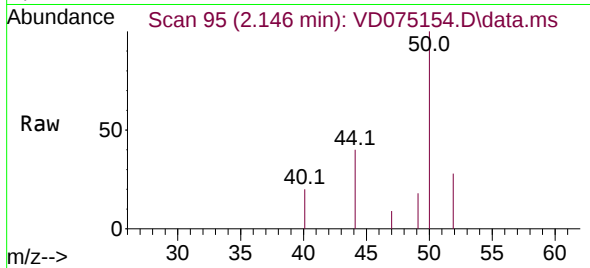




#3
Chloromethane
Concen: 2.935 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

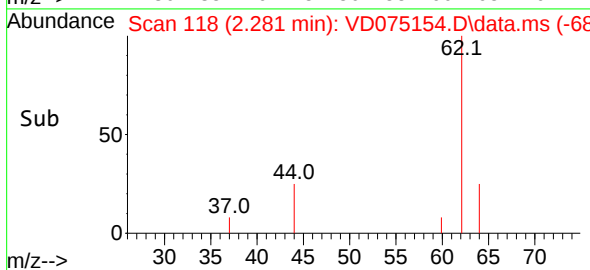
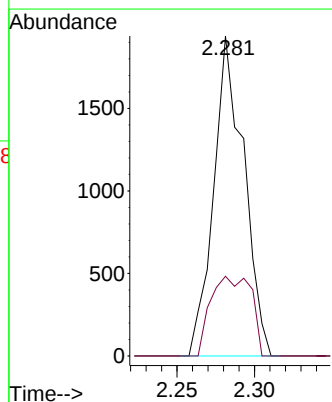
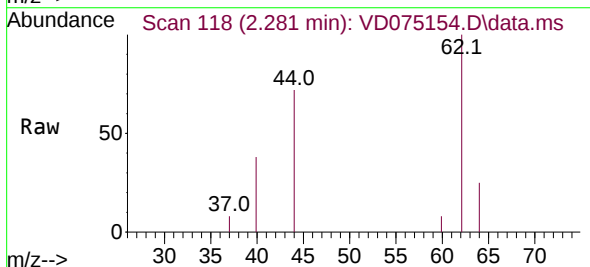
Instrument :
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ClientSampleId :
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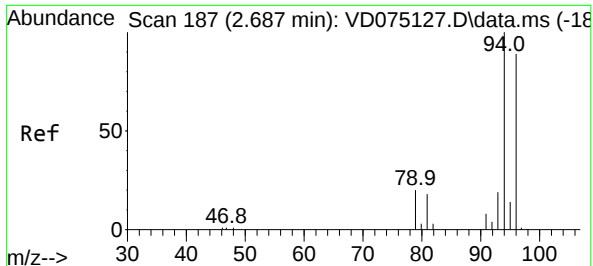
Tgt Ion: 50 Resp: 2821
Ion Ratio Lower Upper
50 100
52 28.4 27.0 40.6



#4
Vinyl Chloride
Concen: 2.544 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 62 Resp: 2624
Ion Ratio Lower Upper
62 100
64 24.9 24.8 37.2

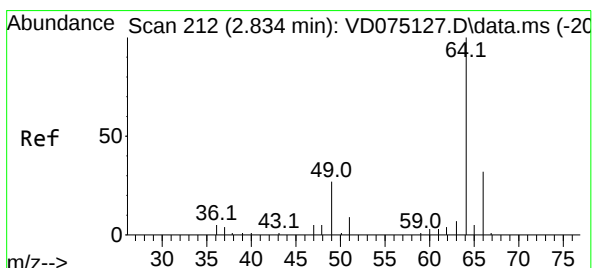
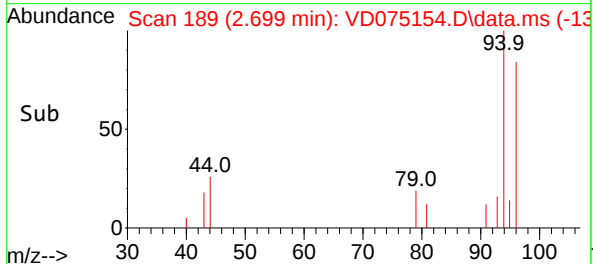
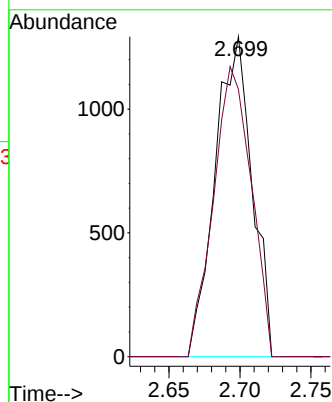
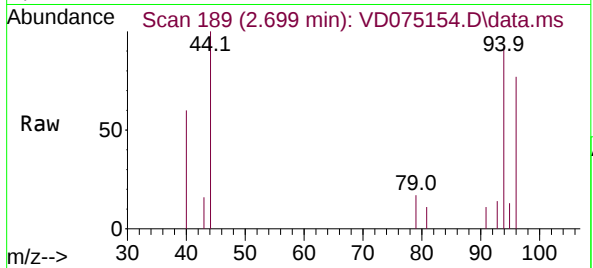




#5
Bromomethane
Concen: 3.338 ug/l
RT: 2.699 min Scan# 187
Delta R.T. 0.012 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

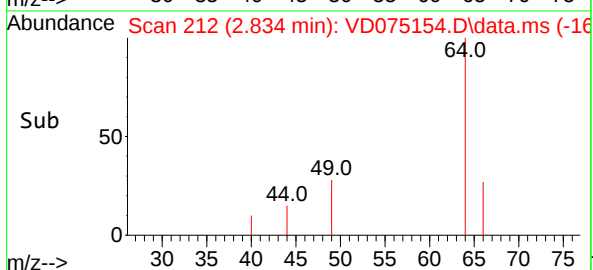
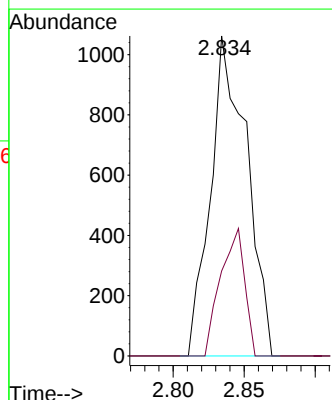
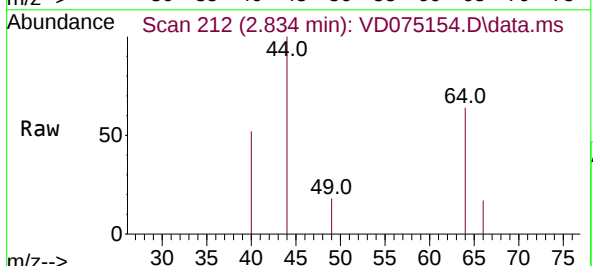
Instrument :
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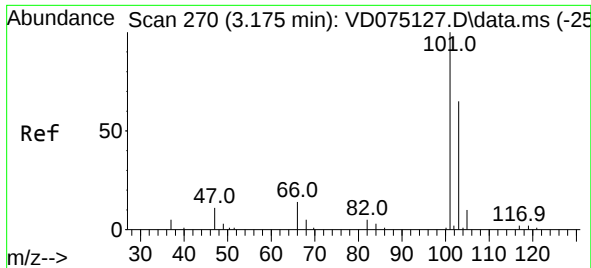
Tgt Ion: 94 Resp: 2341
Ion Ratio Lower Upper
94 100
96 92.7 74.8 112.2



#6
Chloroethane
Concen: 2.630 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 64 Resp: 1881
Ion Ratio Lower Upper
64 100
66 26.6 25.4 38.2

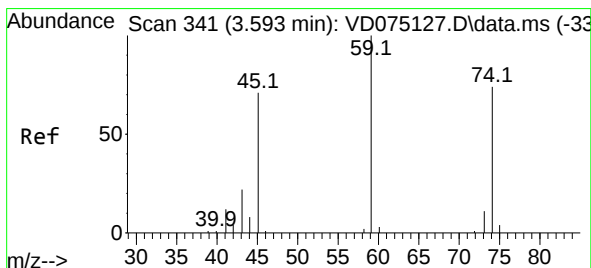
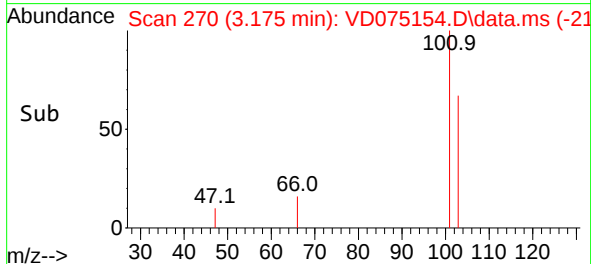
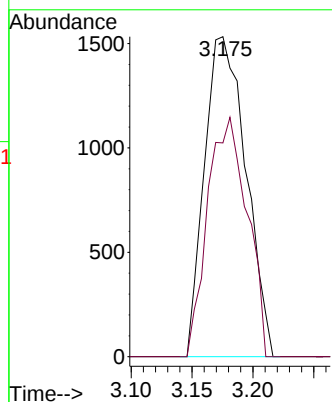
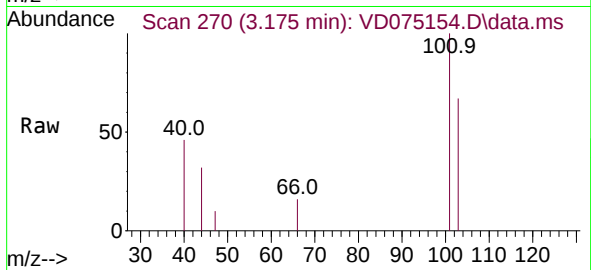




#7
Trichlorofluoromethane
Concen: 2.769 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

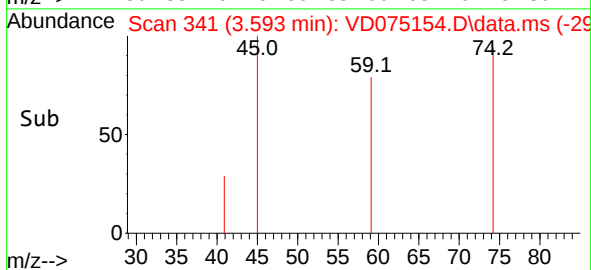
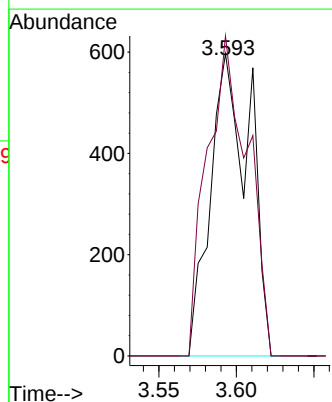
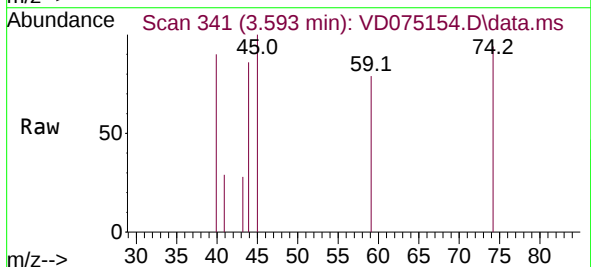
Instrument :
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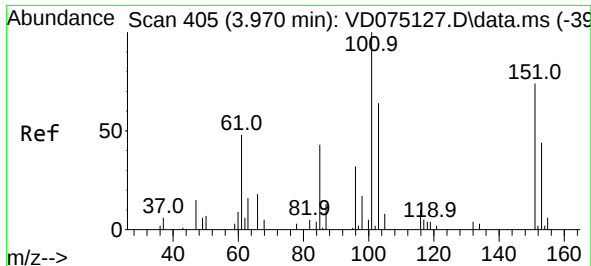
Tgt Ion:101 Resp: 3630
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.4



#8
Diethyl Ether
Concen: 2.493 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 74 Resp: 1053
Ion Ratio Lower Upper
74 100
45 109.5 49.8 149.3

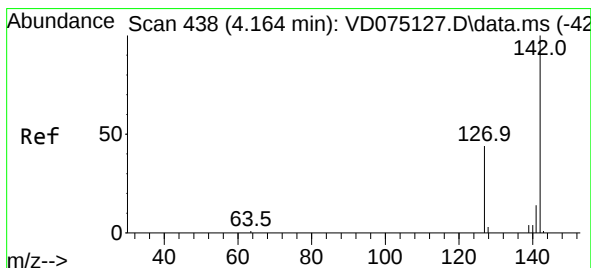
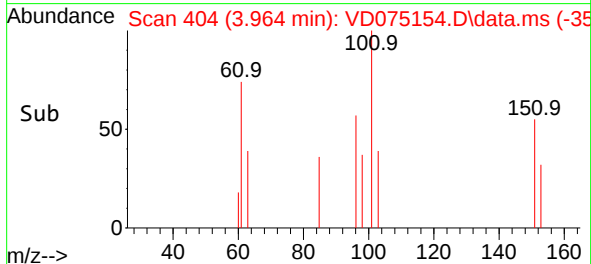
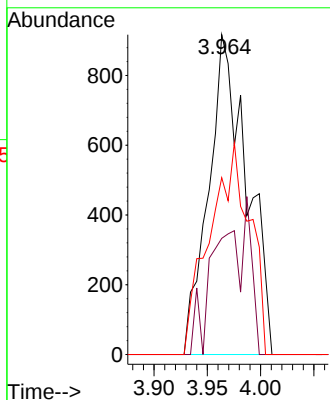
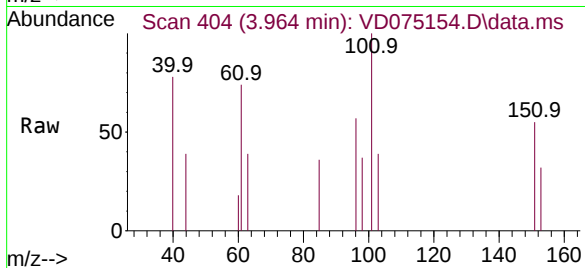




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.832 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

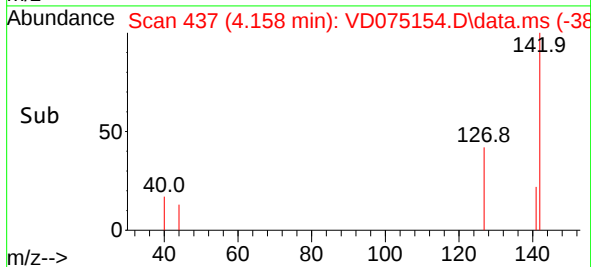
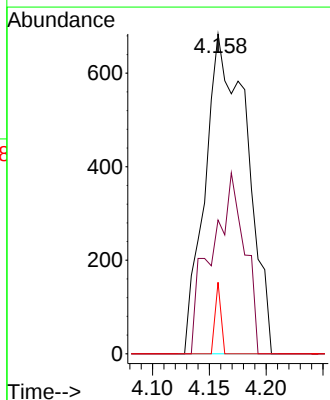
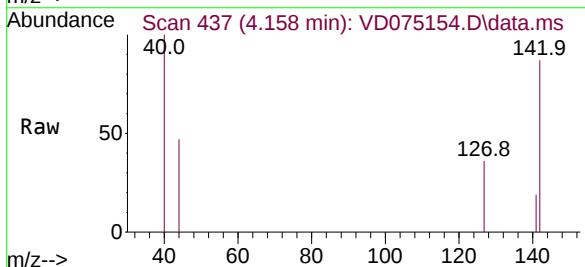
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 2292
Ion Ratio Lower Upper
101 100
85 30.5 36.9 55.3#
151 69.2 58.9 88.3



#10
Methyl Iodide
Concen: 1.615 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion:142 Resp: 1759
Ion Ratio Lower Upper
142 100
127 45.0 33.6 50.4
141 3.1 11.1 16.7#

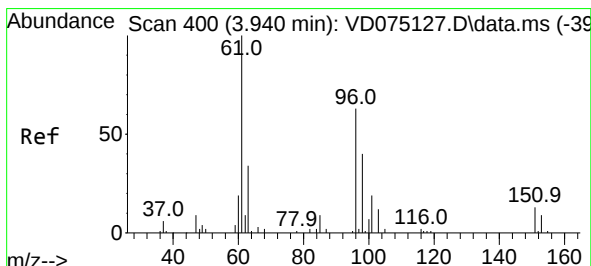
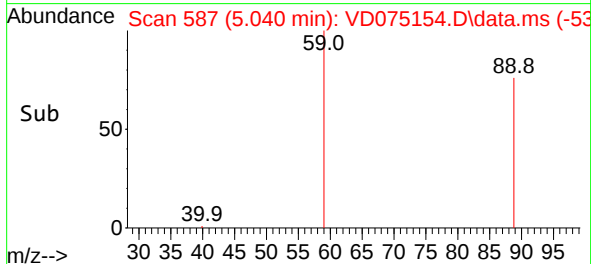
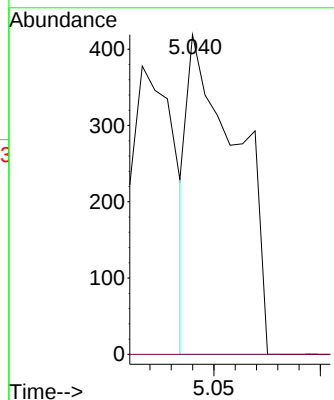
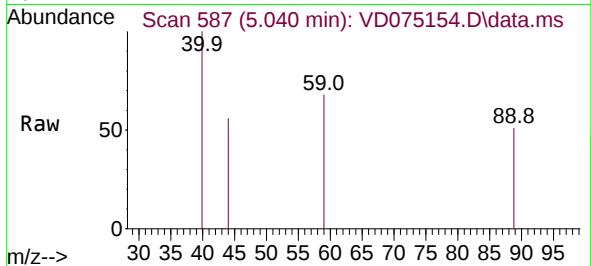




#11
Tert butyl alcohol
Concen: 12.763 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

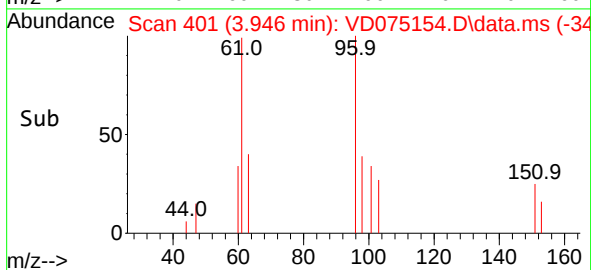
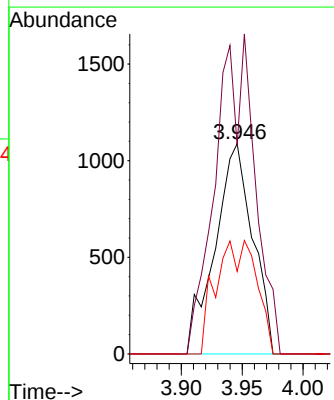
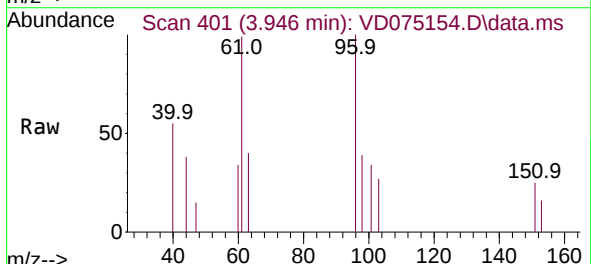
Instrument :
MSVOA_D
ClientSampleId :
MDL05

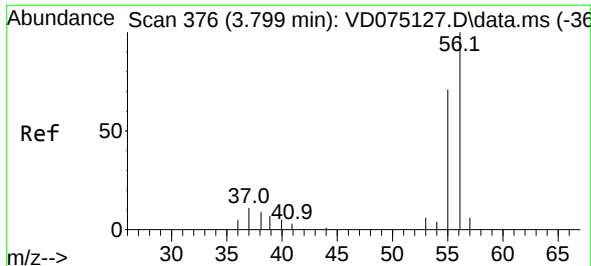
Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 2.758 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 96 Resp: 2350
Ion Ratio Lower Upper
96 100
61 99.2 126.8 190.2#
98 39.2 50.4 75.6#

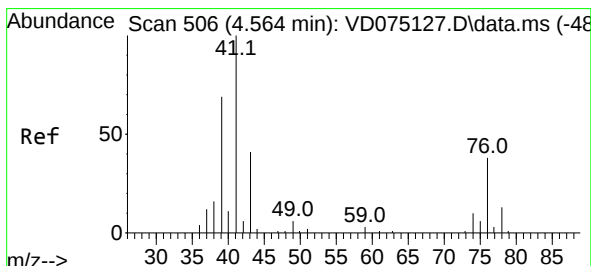
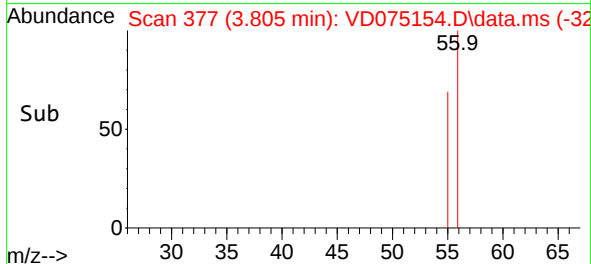
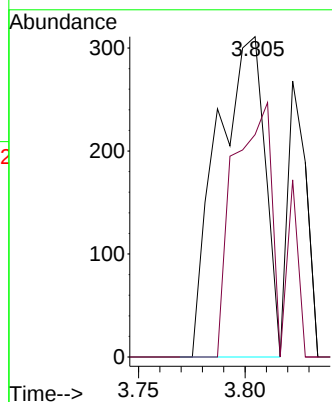
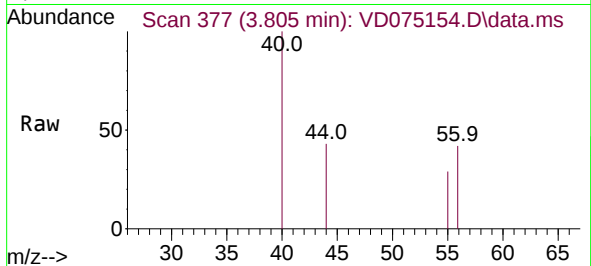




#13
Acrolein
Concen: 9.408 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

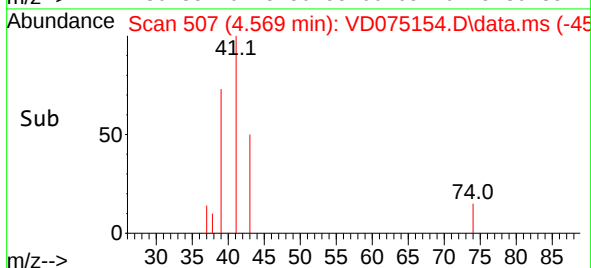
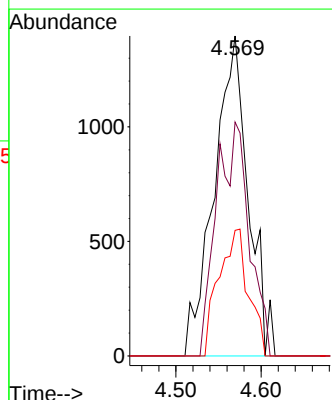
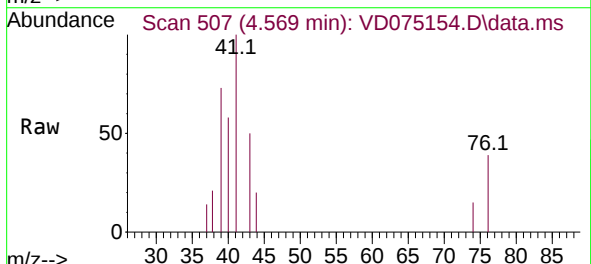
Instrument :
MSVOA_D
ClientSampleId :
MDL05

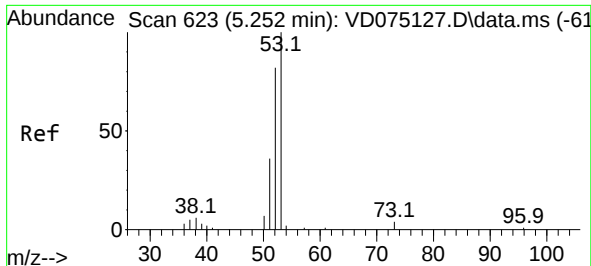
Tgt Ion: 56 Resp: 484
Ion Ratio Lower Upper
56 100
55 75.2 53.0 79.6



#14
Allyl chloride
Concen: 2.821 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 41 Resp: 3901
Ion Ratio Lower Upper
41 100
39 69.6 55.4 83.0
76 34.1 30.2 45.2

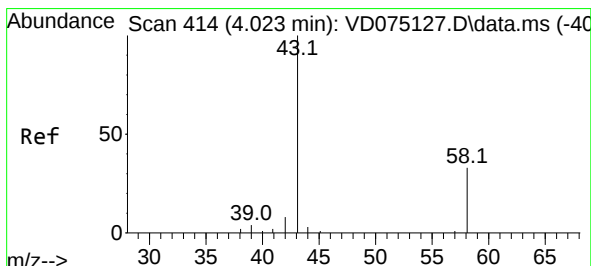
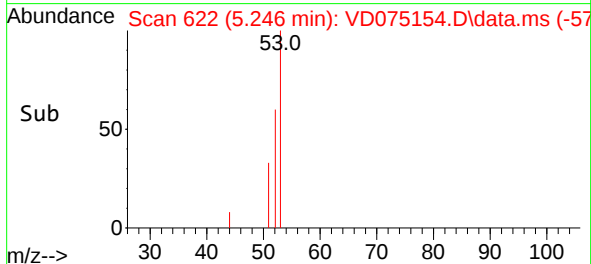
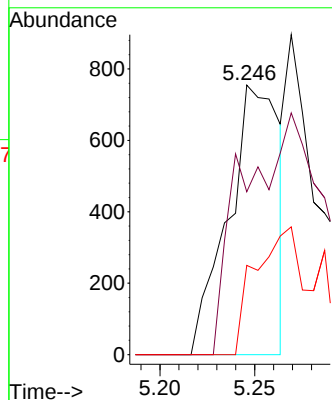
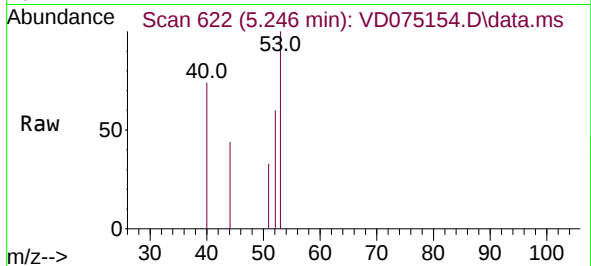




#15
Acrylonitrile
Concen: 7.917 ug/l
RT: 5.246 min Scan# 615
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

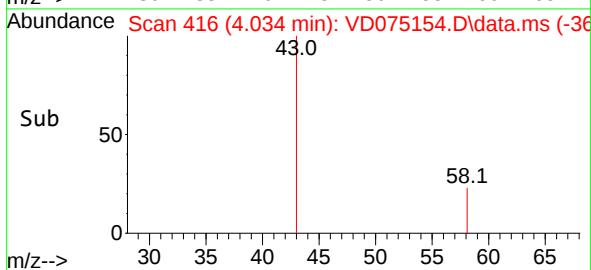
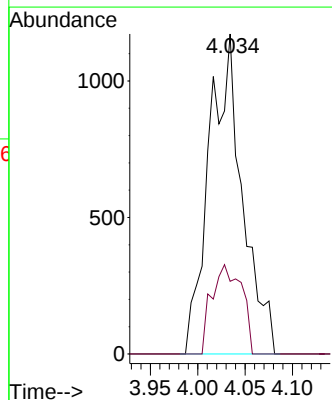
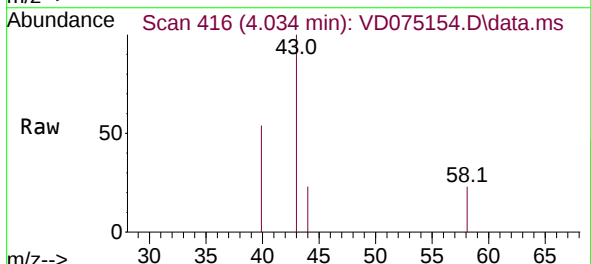
Instrument :
MSVOA_D
ClientSampleId :
MDL05

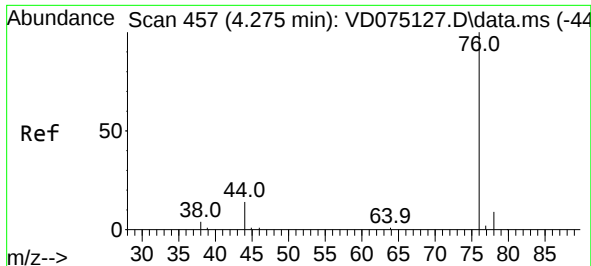
Tgt Ion: 53 Resp: 1414
Ion Ratio Lower Upper
53 100
52 0.0 67.0 100.6#
51 0.0 30.1 45.1#



#16
Acetone
Concen: 14.317 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 43 Resp: 2867
Ion Ratio Lower Upper
43 100
58 22.7 26.0 39.0#

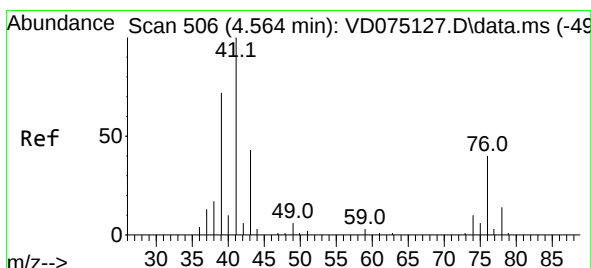
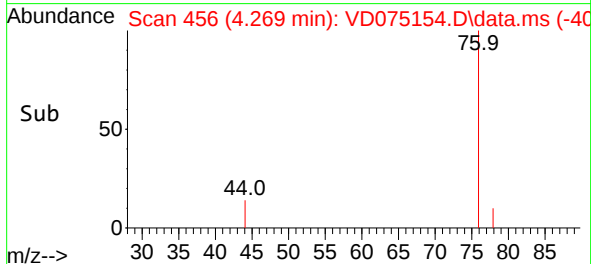
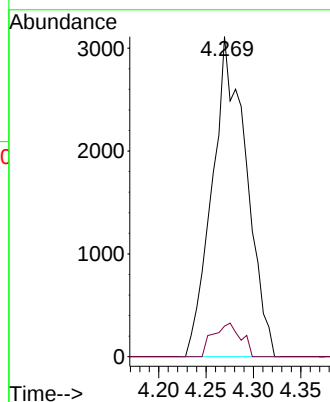
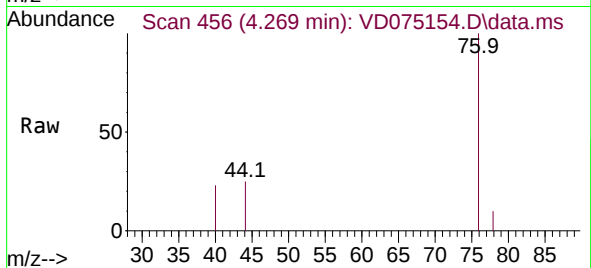




#17
Carbon Disulfide
Concen: 2.821 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

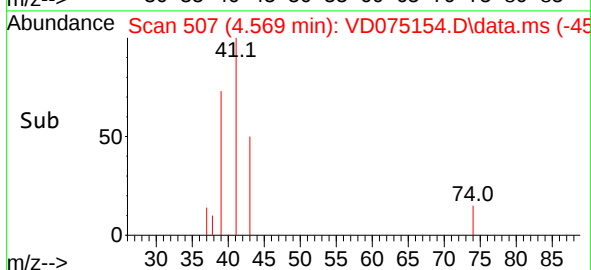
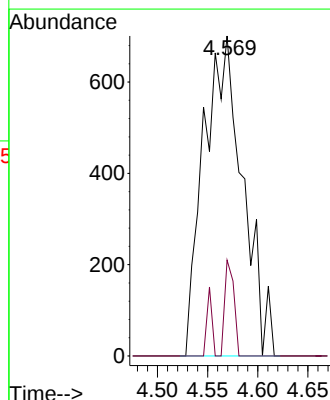
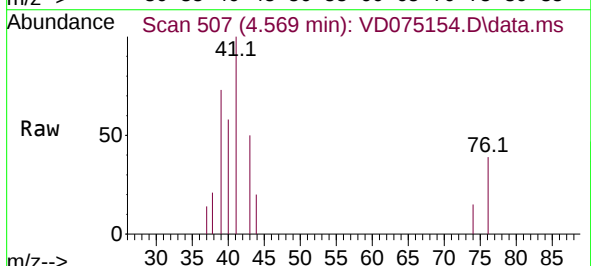
Instrument :
MSVOA_D
ClientSampleId :
MDL05

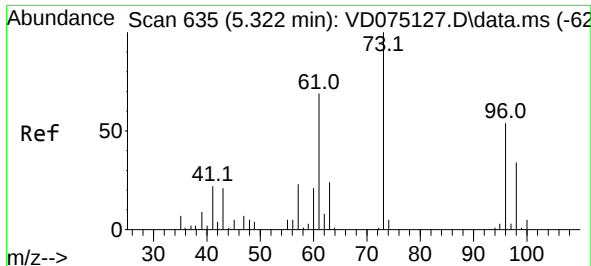
Tgt Ion: 76 Resp: 7794
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 3.500 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
74 6.9 18.5 27.7#





#19

Methyl tert-butyl Ether

Concen: 2.781 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

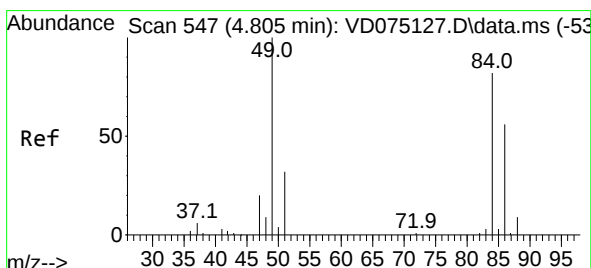
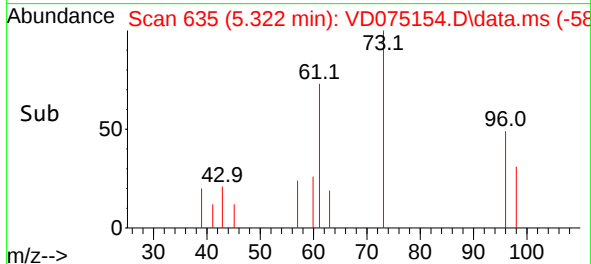
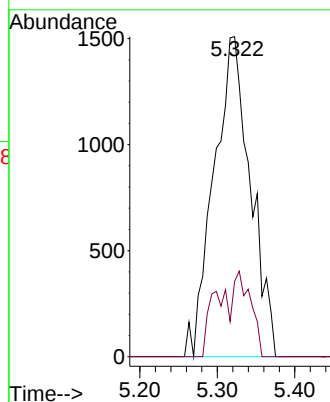
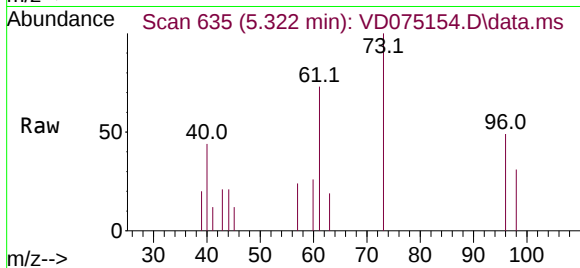
MDL05

Tgt Ion: 73 Resp: 4949

Ion Ratio Lower Upper

73 100

57 23.5 18.5 27.7



#20

Methylene Chloride

Concen: 8.731 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Tgt Ion: 84 Resp: 11025

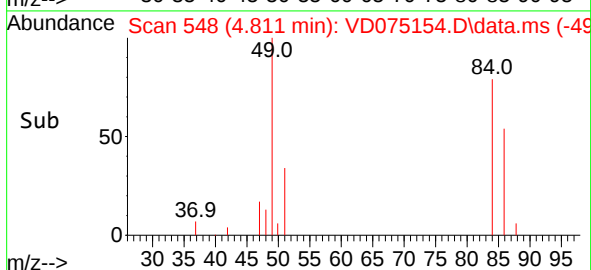
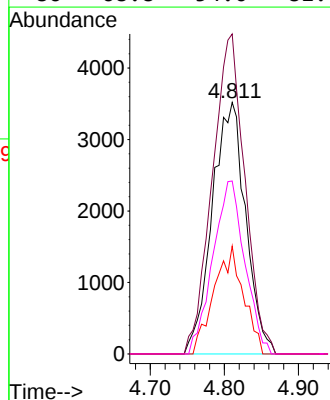
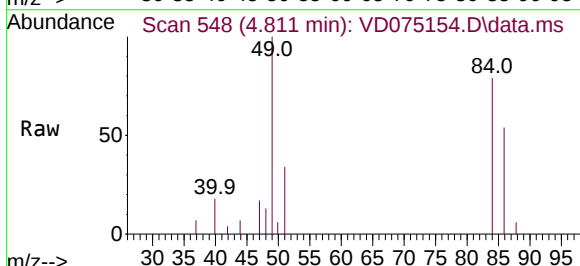
Ion Ratio Lower Upper

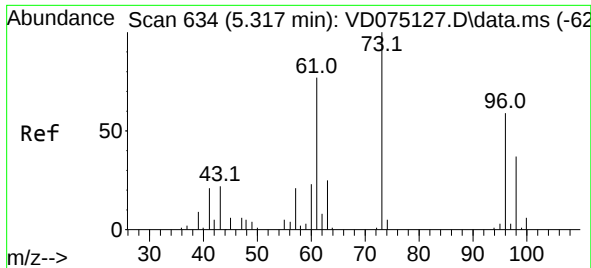
84 100

49 127.3 97.0 145.6

51 42.9 30.9 46.3

86 68.8 54.0 81.0

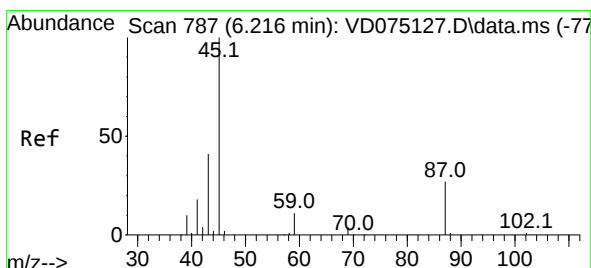
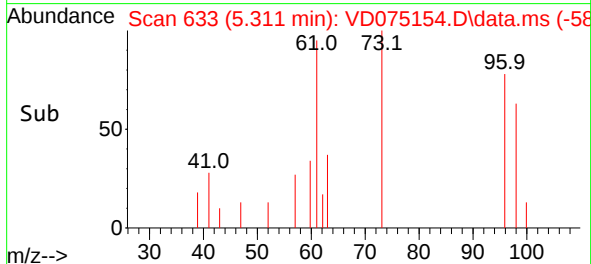
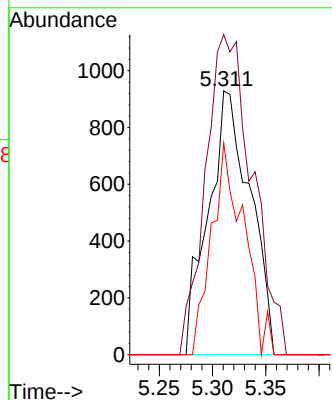
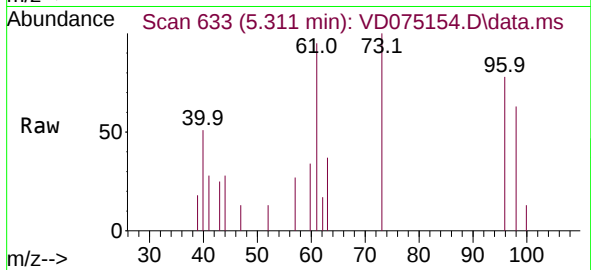




#21
trans-1,2-Dichloroethene
Concen: 2.681 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

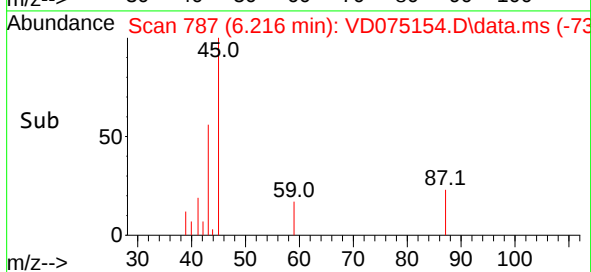
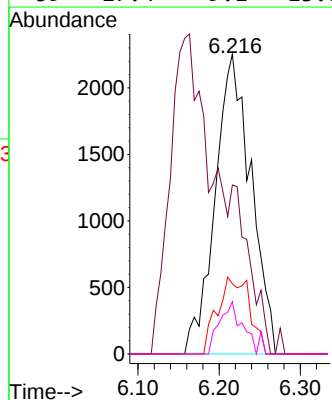
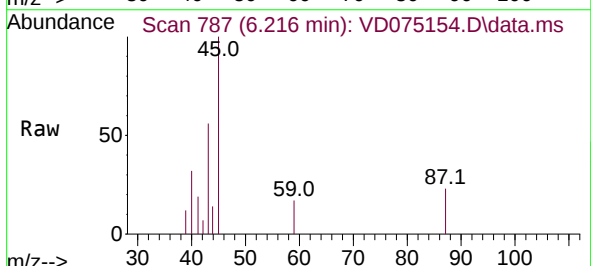
Instrument :
MSVOA_D
ClientSampleId :
MDL05

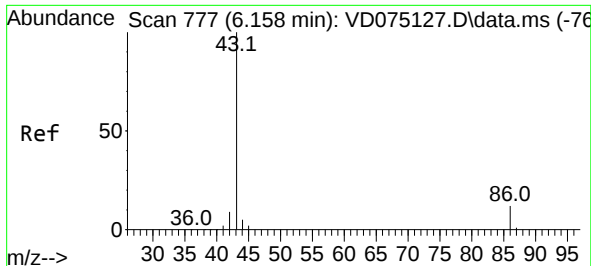
Tgt Ion: 96 Resp: 2543
Ion Ratio Lower Upper
96 100
61 121.3 105.7 158.5
98 80.2 50.4 75.6#



#22
Diisopropyl ether
Concen: 2.686 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 45 Resp: 6913
Ion Ratio Lower Upper
45 100
43 47.7 45.3 67.9
87 23.4 22.1 33.1
59 17.4 9.1 13.7#





#23

Vinyl Acetate

Concen: 7.500 ug/l

RT: 6.163 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

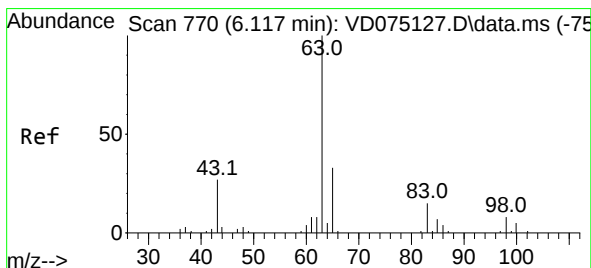
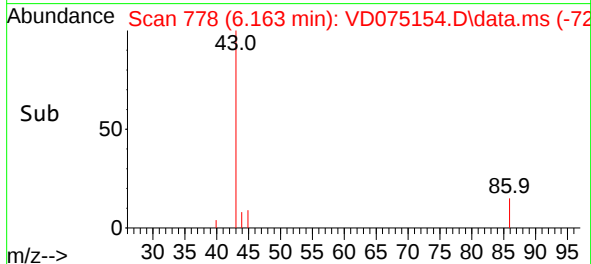
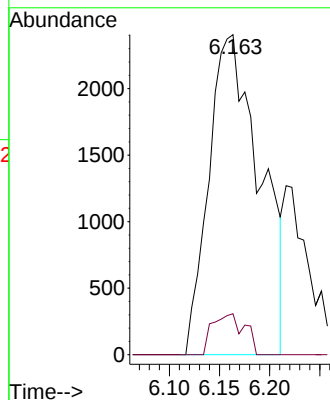
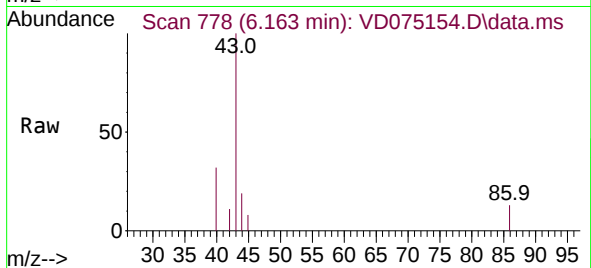
MDL05

Tgt Ion: 43 Resp: 8507

Ion Ratio Lower Upper

43 100

86 12.8 9.3 13.9



#24

1,1-Dichloroethane

Concen: 2.797 ug/l

RT: 6.128 min Scan# 772

Delta R.T. 0.012 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

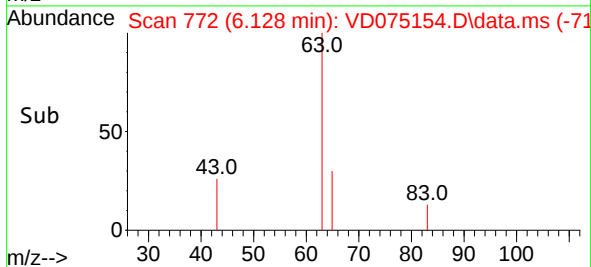
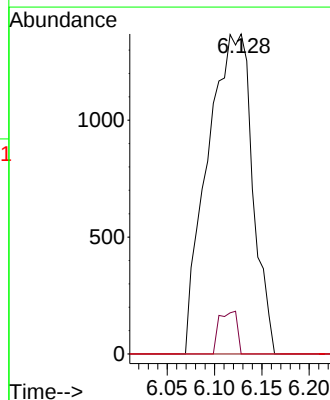
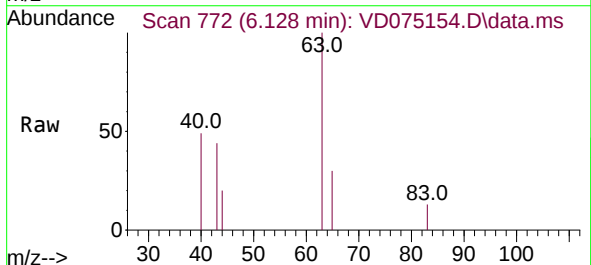
Tgt Ion: 63 Resp: 4523

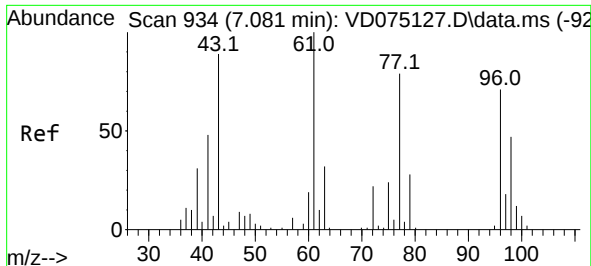
Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.2#

100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 15.152 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

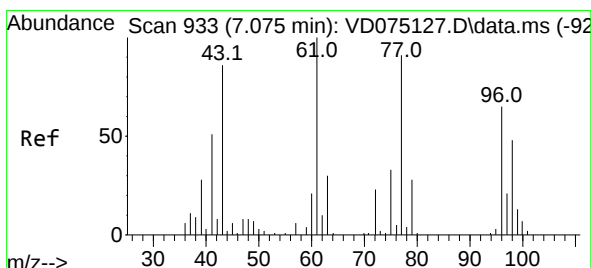
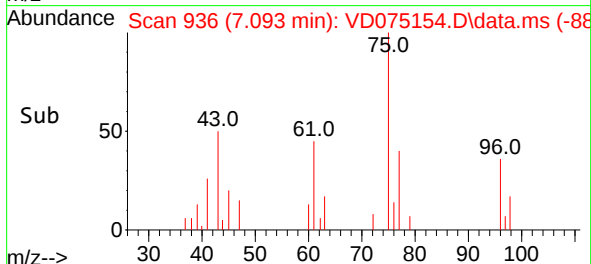
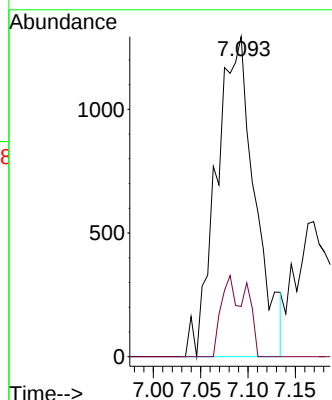
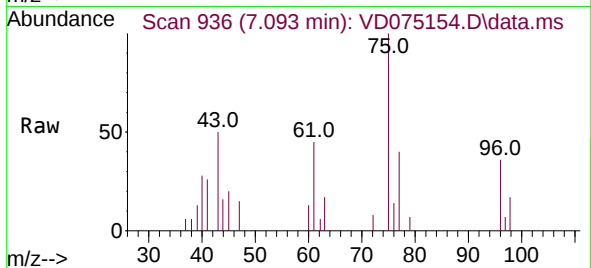
MDL05

Tgt Ion: 43 Resp: 3667

Ion Ratio Lower Upper

43 100

72 15.7 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 2.569 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075154.D

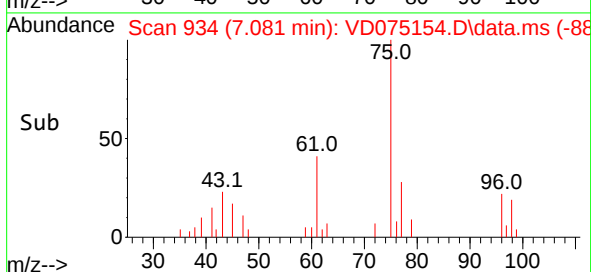
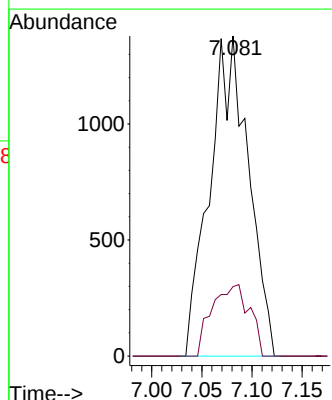
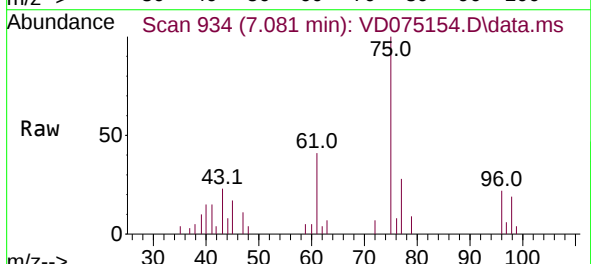
Acq: 20 Jan 2023 15:35

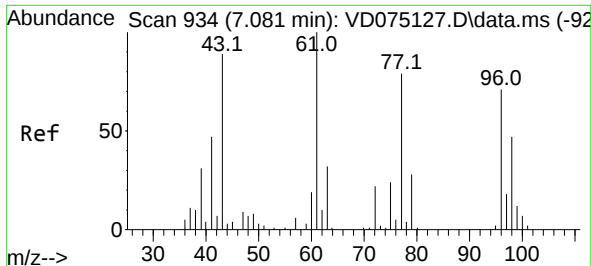
Tgt Ion: 77 Resp: 3704

Ion Ratio Lower Upper

77 100

97 21.5 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 2.980 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

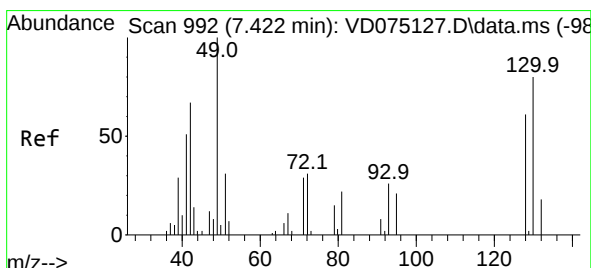
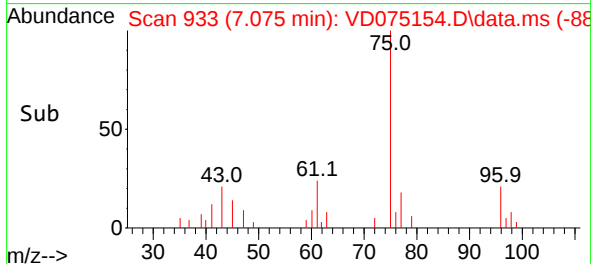
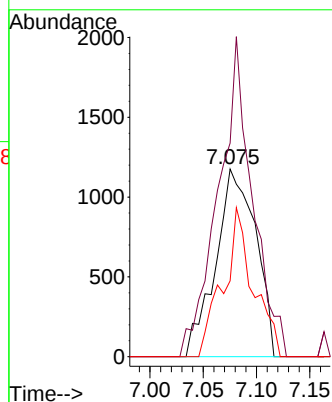
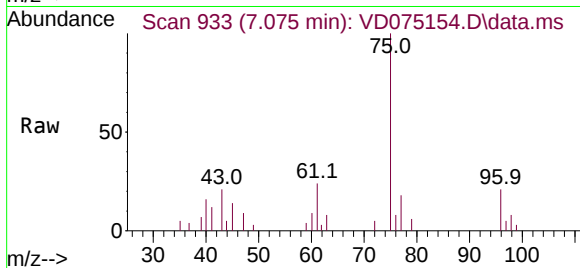
Tgt Ion: 96 Resp: 3081

Ion Ratio Lower Upper

96 100

61 144.3 0.0 287.4

98 59.4 0.0 129.8



#28

Bromochloromethane

Concen: 3.368 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

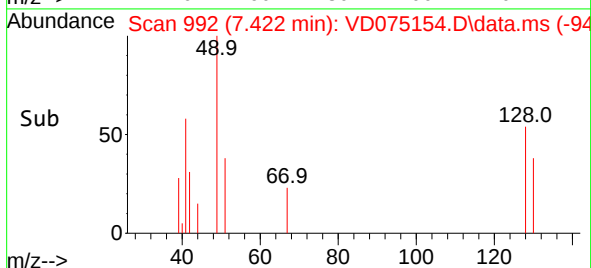
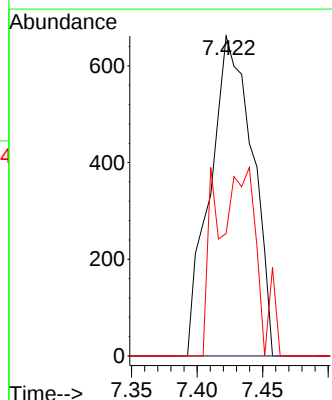
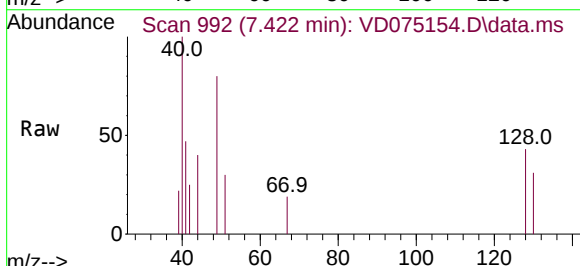
Tgt Ion: 49 Resp: 1487

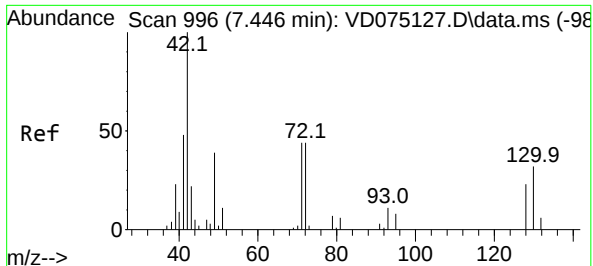
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 57.1 63.6 95.4#





#29

Tetrahydrofuran

Concen: 13.554 ug/l

RT: 7.457 min Scan# 996

Delta R.T. 0.012 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

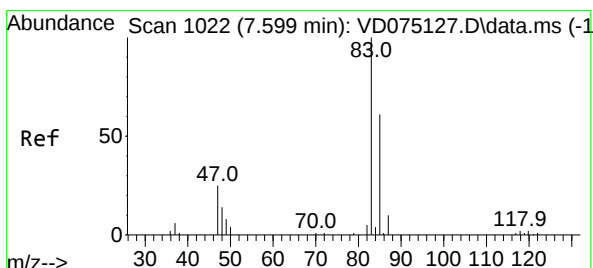
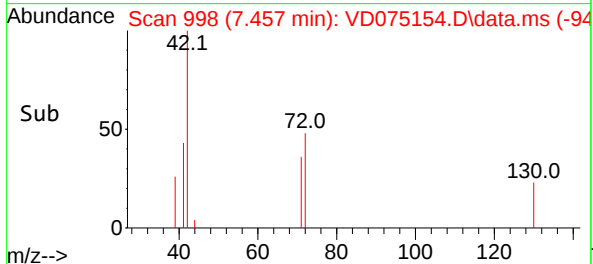
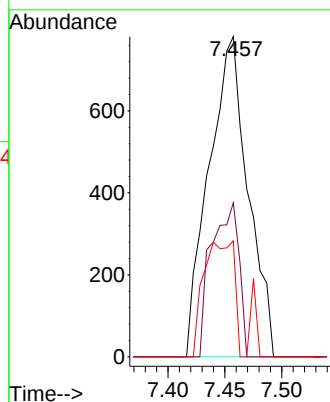
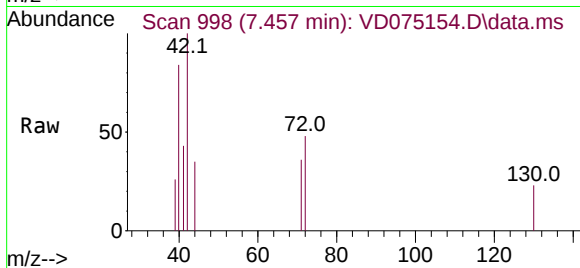
Tgt Ion: 42 Resp: 1871

Ion Ratio Lower Upper

42 100

72 33.8 33.8 50.8#

71 28.1 31.6 47.4#



#30

Chloroform

Concen: 2.933 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD075154.D

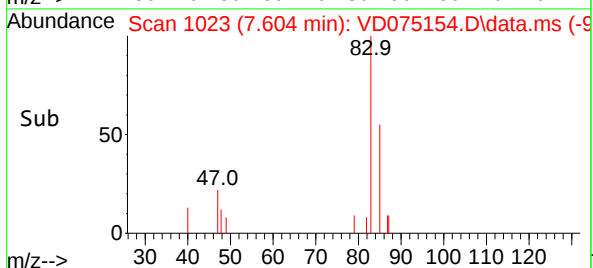
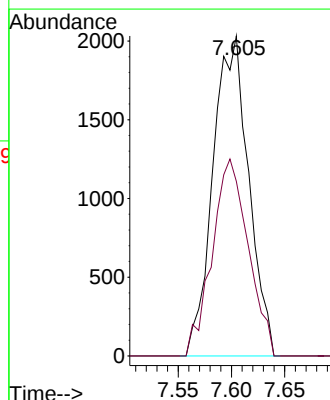
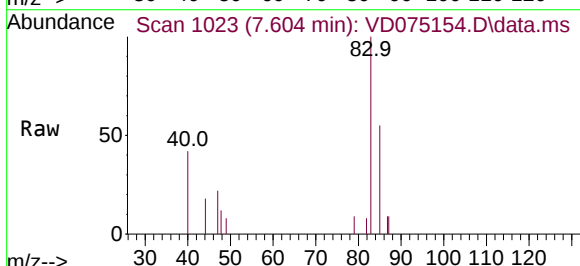
Acq: 20 Jan 2023 15:35

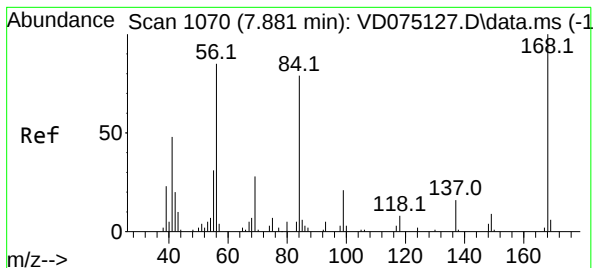
Tgt Ion: 83 Resp: 4730

Ion Ratio Lower Upper

83 100

85 54.5 48.5 72.7





#31

Cyclohexane

Concen: 3.799 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

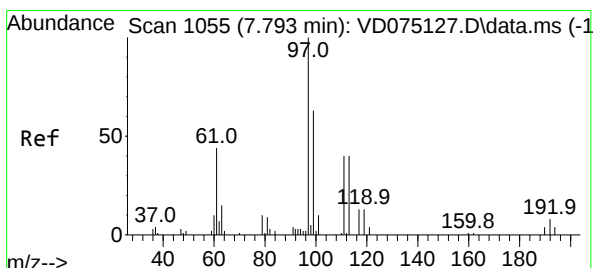
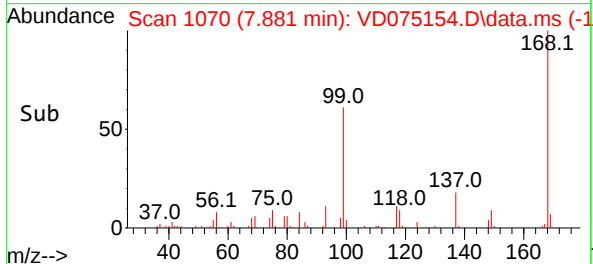
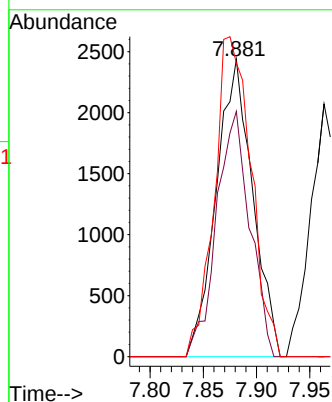
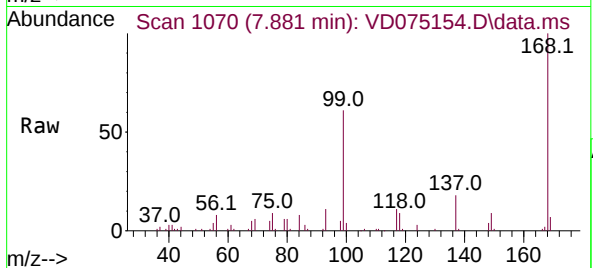
Tgt Ion: 56 Resp: 5785

Ion Ratio Lower Upper

56 100

69 82.4 26.6 40.0#

84 98.7 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 2.718 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

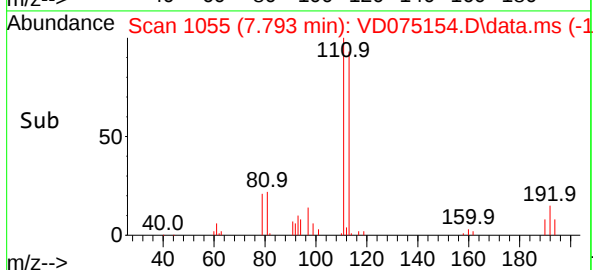
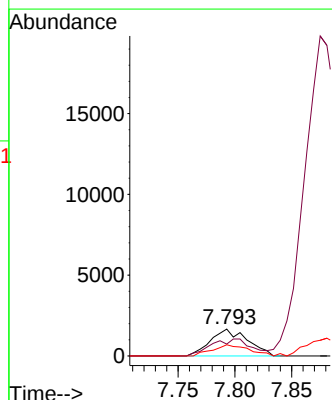
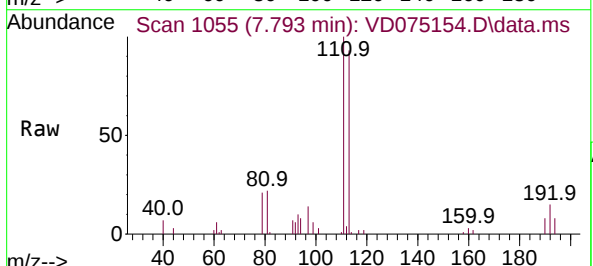
Tgt Ion: 97 Resp: 3776

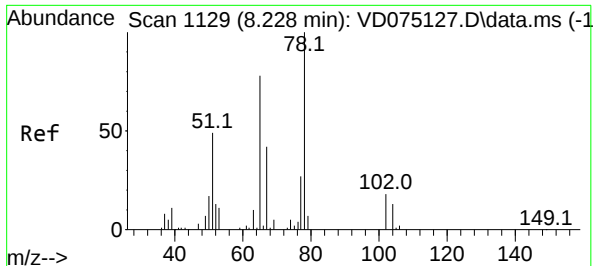
Ion Ratio Lower Upper

97 100

99 68.9 51.7 77.5

61 40.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 54.555 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

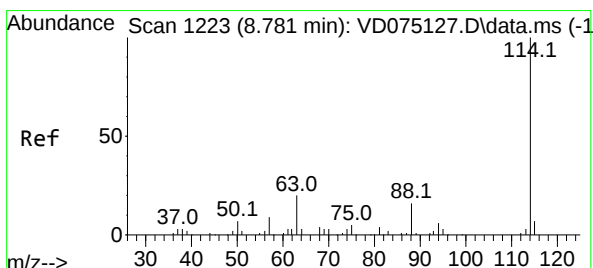
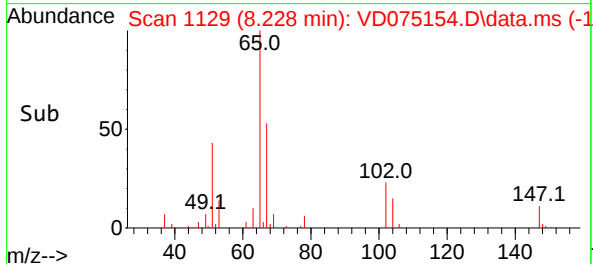
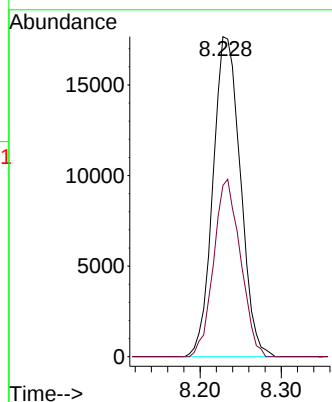
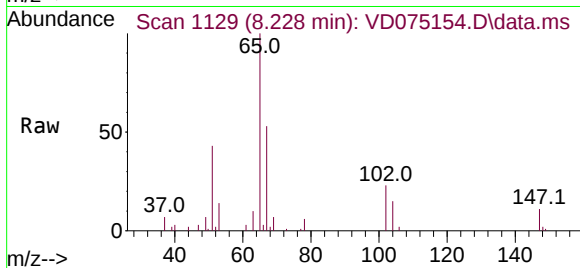
MDL05

Tgt Ion: 65 Resp: 41420

Ion Ratio Lower Upper

65 100

67 54.2 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: VD075154.D

Acq: 20 Jan 2023 15:35

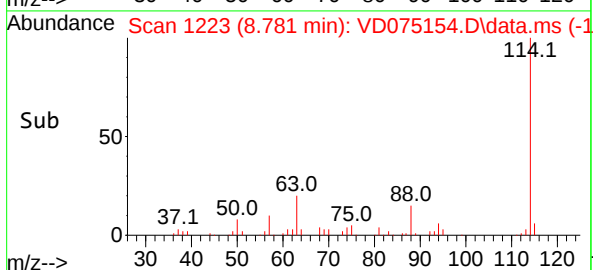
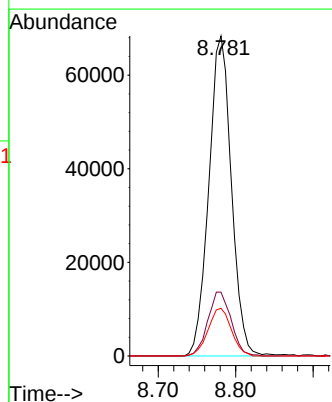
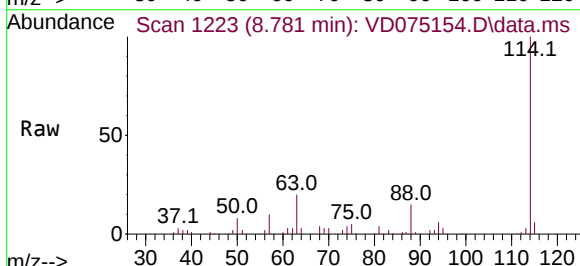
Tgt Ion: 114 Resp: 138691

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.270 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

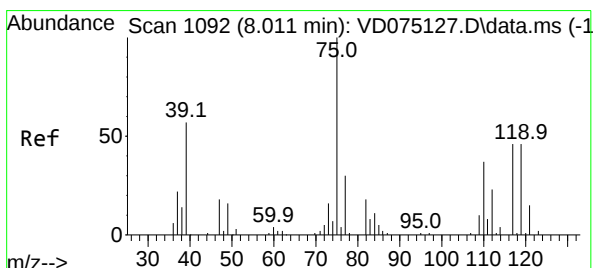
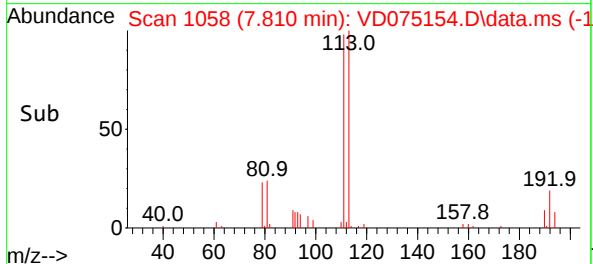
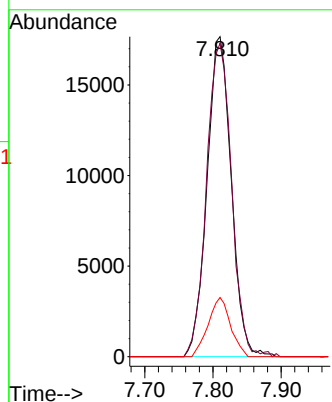
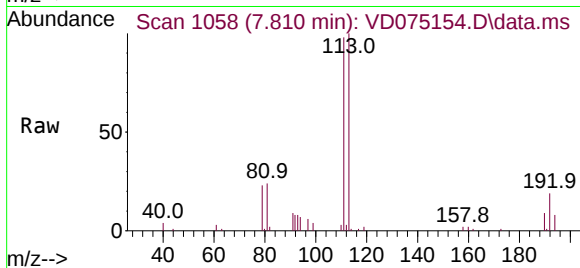
Tgt Ion:113 Resp: 43806

Ion Ratio Lower Upper

113 100

111 100.9 80.1 120.1

192 17.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 2.648 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

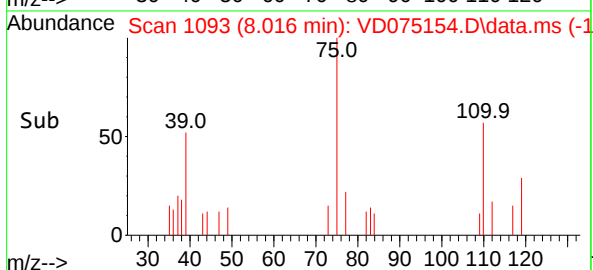
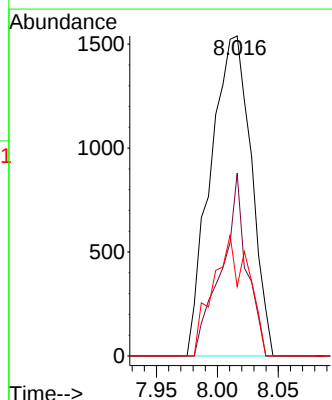
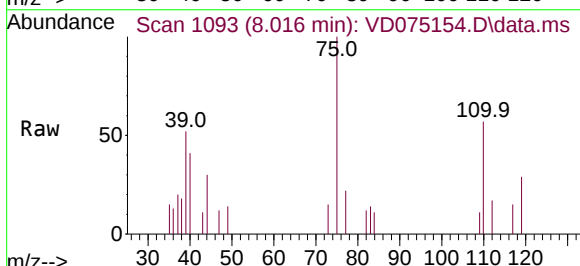
Tgt Ion: 75 Resp: 3566

Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.4

77 32.8 25.1 37.7





#37

Ethyl Acetate

Concen: 2.667 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075154.D

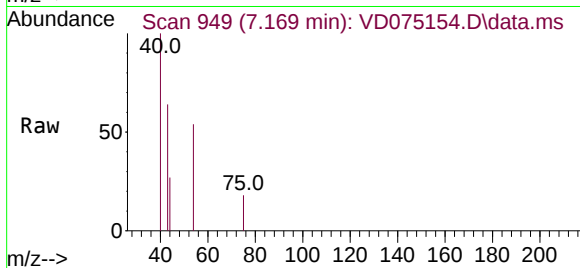
Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05



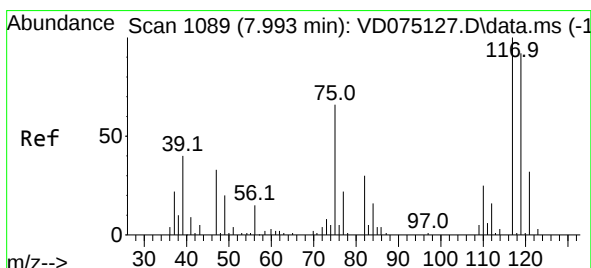
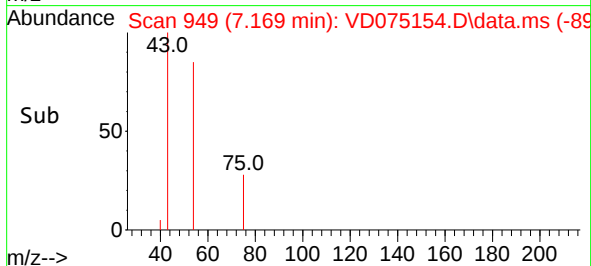
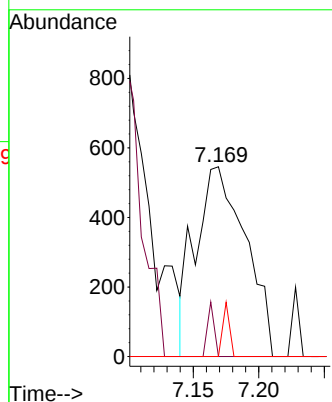
Tgt Ion: 43 Resp: 1447

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 3.8 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 1.836 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

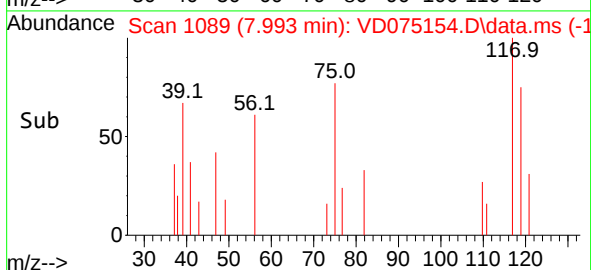
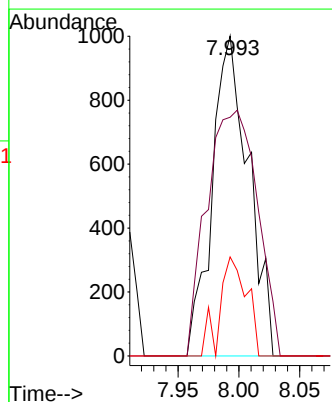
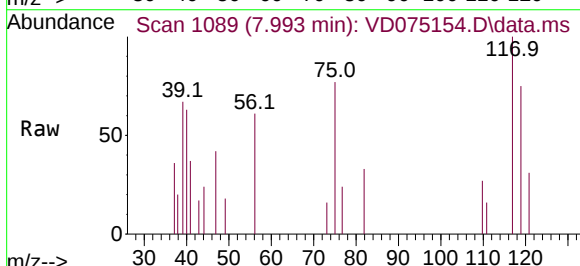
Tgt Ion: 117 Resp: 2082

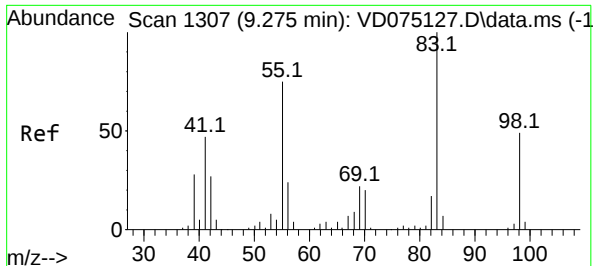
Ion Ratio Lower Upper

117 100

119 74.6 73.6 110.4

121 31.0 25.4 38.0





#39

Methylcyclohexane

Concen: 2.765 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

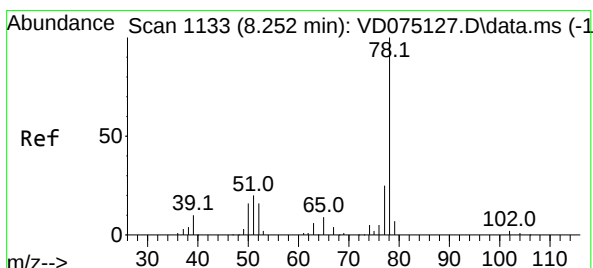
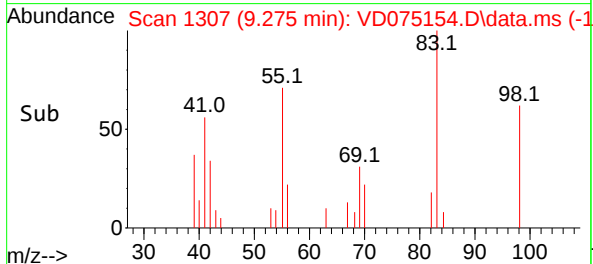
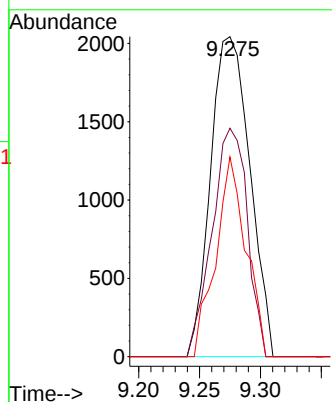
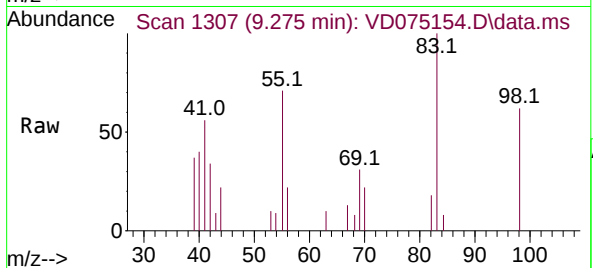
Tgt Ion: 83 Resp: 4589

Ion Ratio Lower Upper

83 100

55 71.4 60.0 90.0

98 62.4 39.0 58.4#



#40

Benzene

Concen: 2.832 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD075154.D

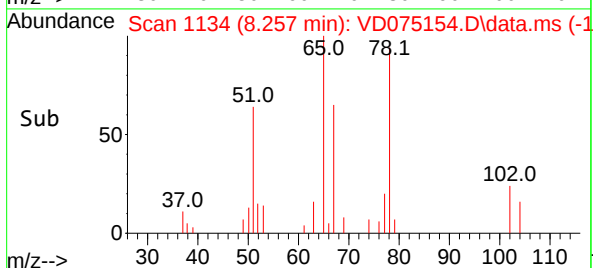
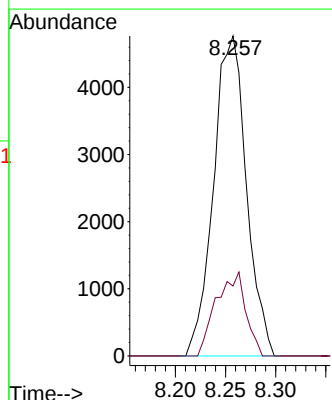
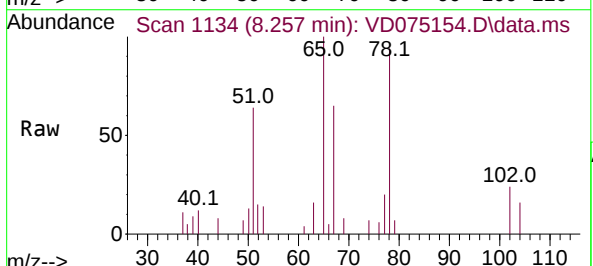
Acq: 20 Jan 2023 15:35

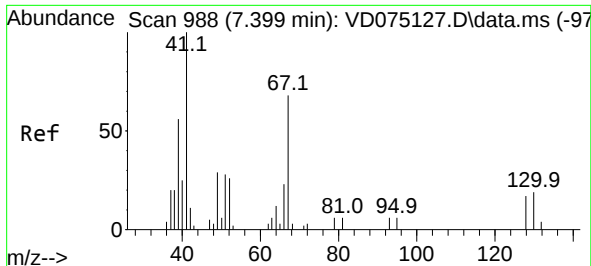
Tgt Ion: 78 Resp: 10876

Ion Ratio Lower Upper

78 100

77 21.9 19.8 29.6

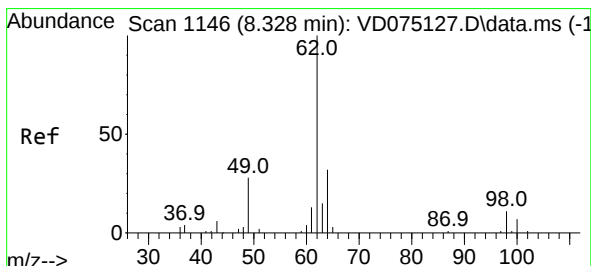
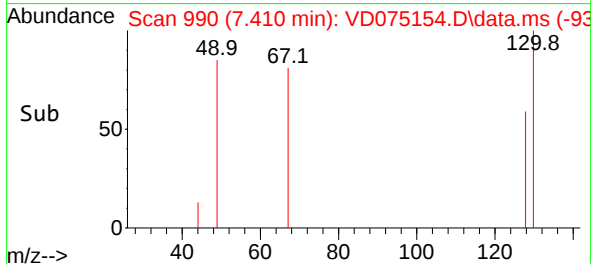
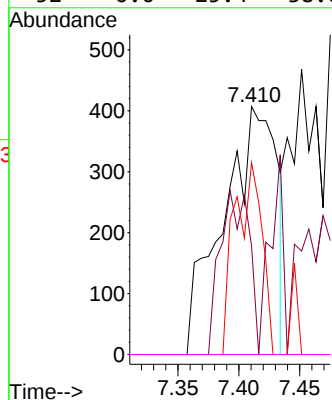
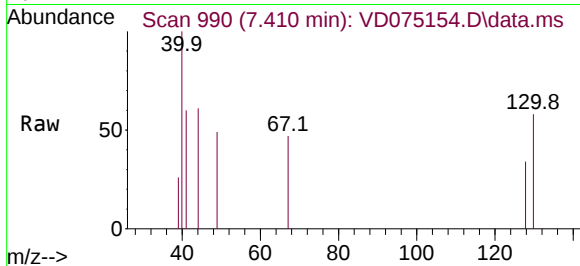




#41
Methacrylonitrile
Concen: 3.826 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

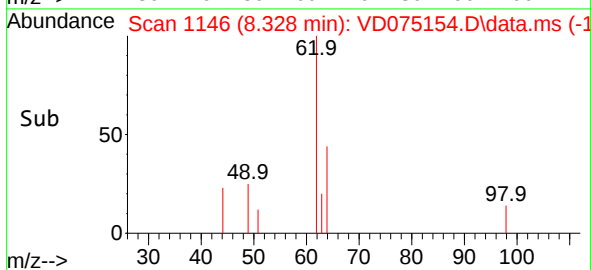
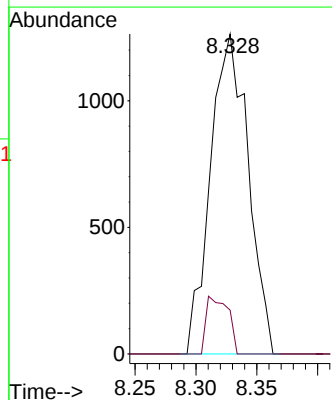
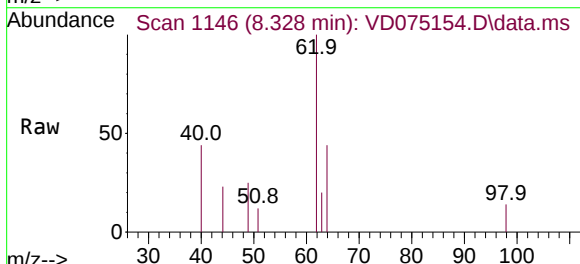
Instrument :
MSVOA_D
ClientSampleId :
MDL05

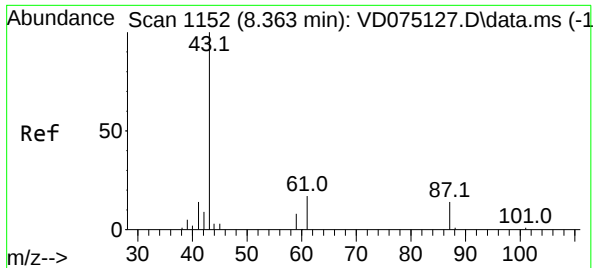
Tgt Ion: 41 Resp: 1249
Ion Ratio Lower Upper
41 100
39 35.5 57.8 86.6#
67 39.3 60.5 90.7#
52 0.0 25.4 38.0#



#42
1,2-Dichloroethane
Concen: 2.703 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 62 Resp: 2726
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.2





#43

Isopropyl Acetate

Concen: 2.522 ug/l

RT: 8.369 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

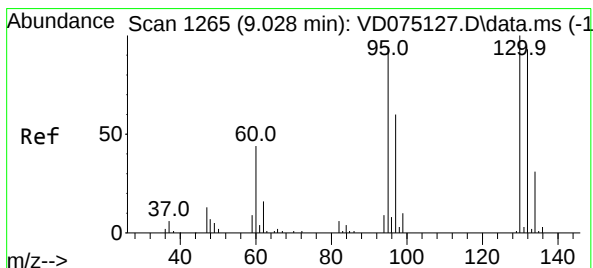
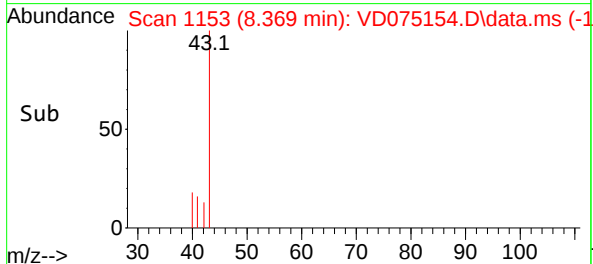
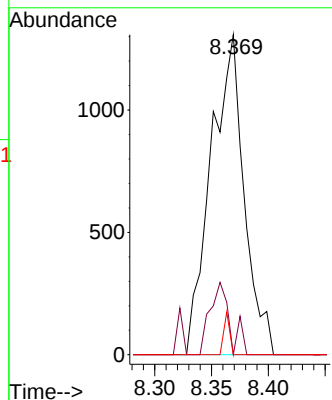
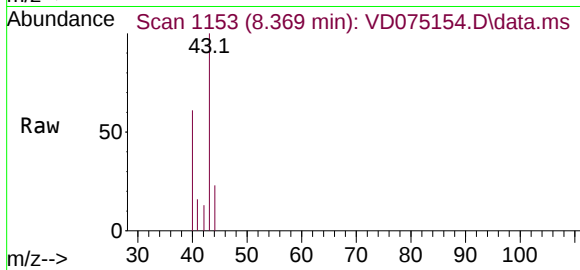
Tgt Ion: 43 Resp: 2662

Ion Ratio Lower Upper

43 100

61 13.7 25.0 37.6#

87 2.3 10.6 16.0#



#44

Trichloroethene

Concen: 2.597 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VD075154.D

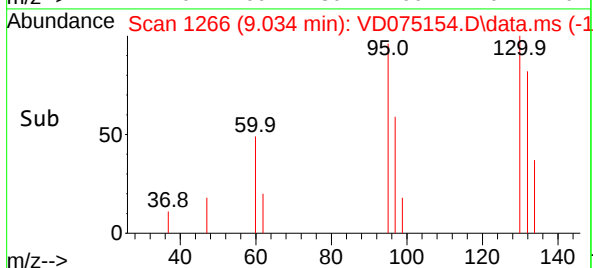
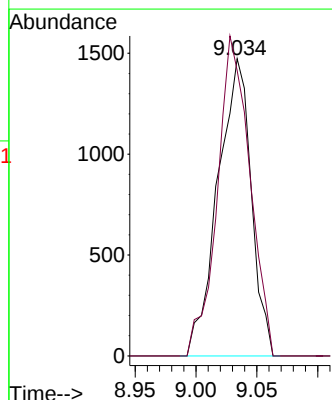
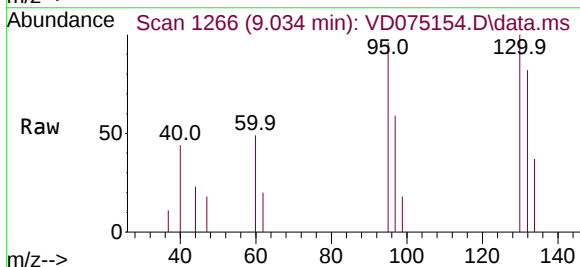
Acq: 20 Jan 2023 15:35

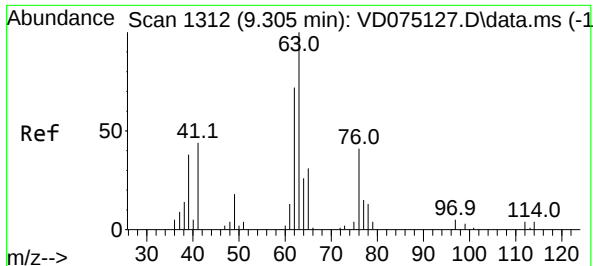
Tgt Ion:130 Resp: 2804

Ion Ratio Lower Upper

130 100

95 96.1 0.0 188.6





#45

1,2-Dichloropropane

Concen: 2.697 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

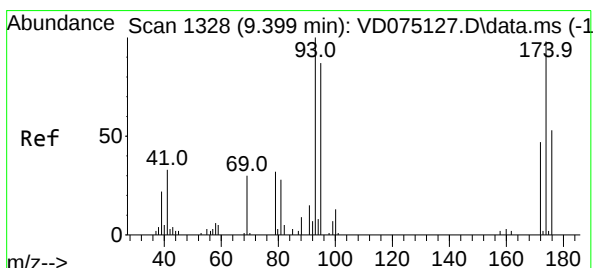
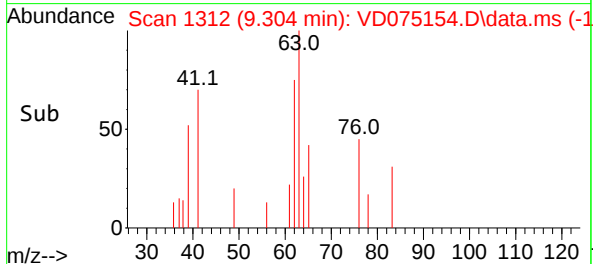
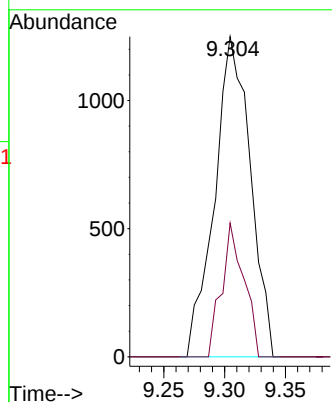
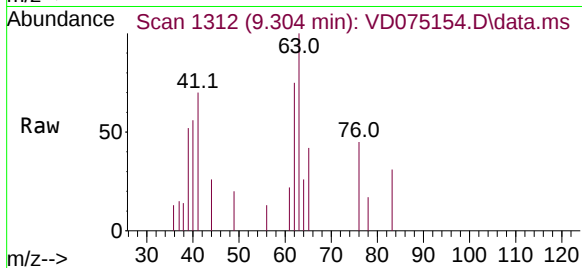
MDL05

Tgt Ion: 63 Resp: 2551

Ion Ratio Lower Upper

63 100

65 41.8 25.1 37.7#



#46

Dibromomethane

Concen: 2.582 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

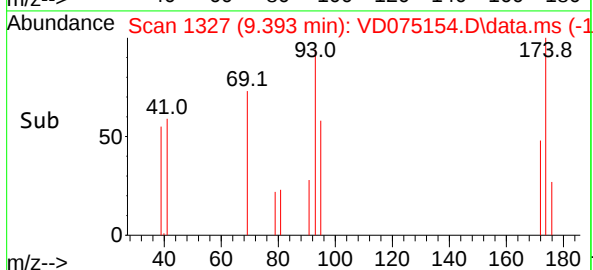
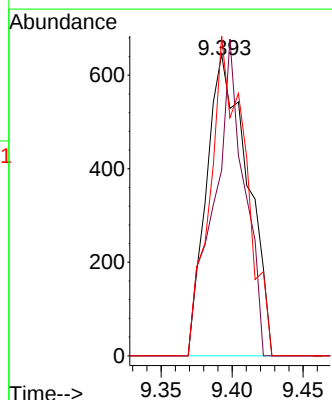
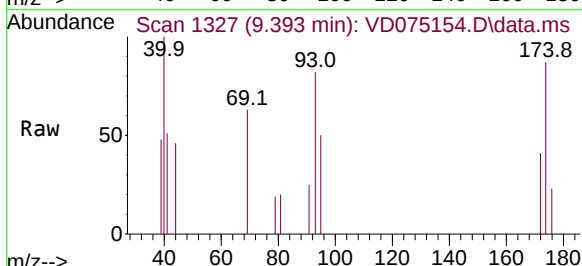
Tgt Ion: 93 Resp: 1288

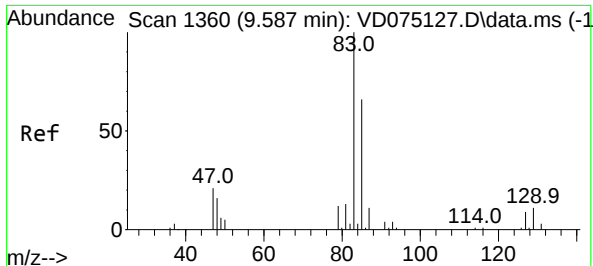
Ion Ratio Lower Upper

93 100

95 77.6 68.3 102.5

174 92.0 77.4 116.0

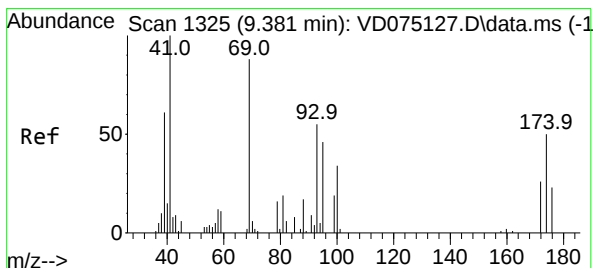
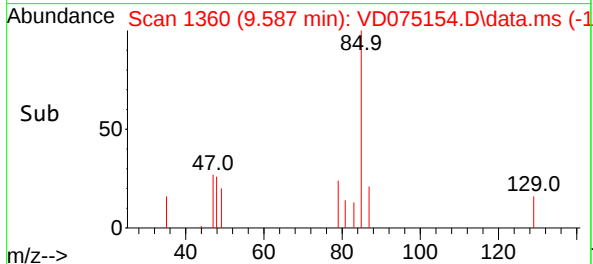
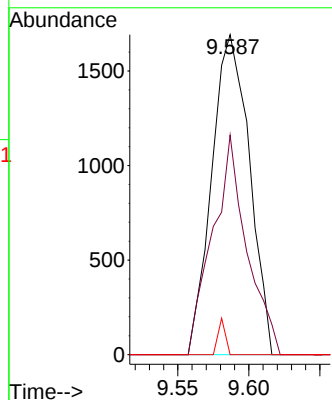
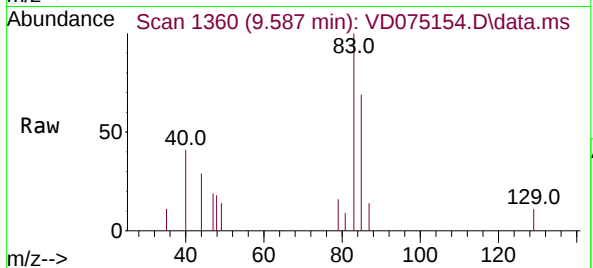




#47
Bromodichloromethane
Concen: 2.519 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

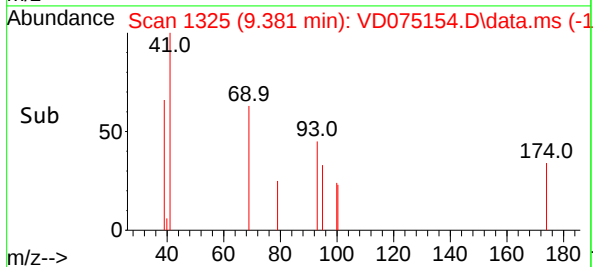
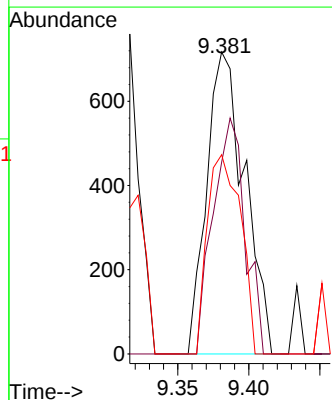
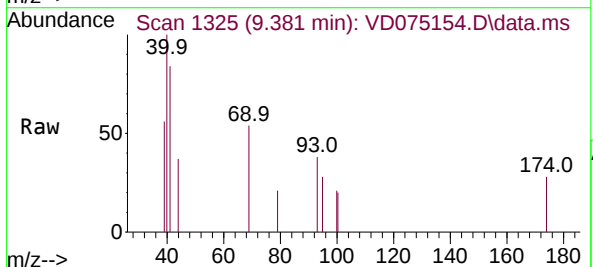
Instrument :
MSVOA_D
ClientSampleId :
MDL05

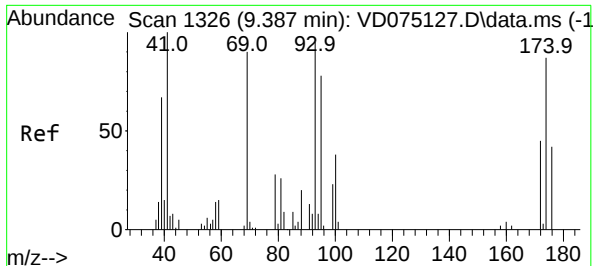
Tgt Ion: 83 Resp: 3118
Ion Ratio Lower Upper
83 100
85 68.6 53.0 79.4
127 0.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 2.592 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 41 Resp: 1338
Ion Ratio Lower Upper
41 100
69 65.5 67.8 101.6#
39 57.8 46.0 69.0





#49

1,4-Dioxane

Concen: 13.019 ug/l

RT: 9.404 min Scan# 1329

Delta R.T. 0.017 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

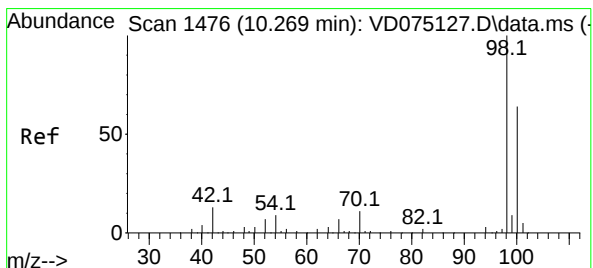
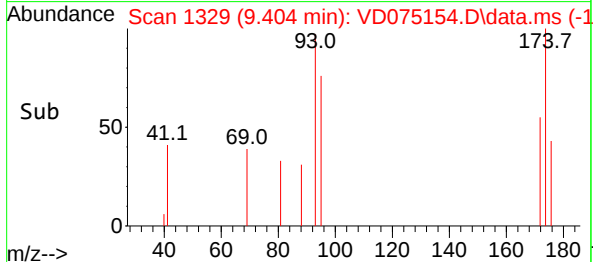
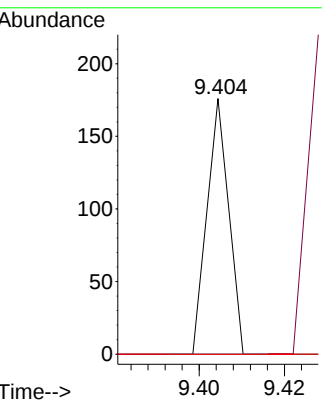
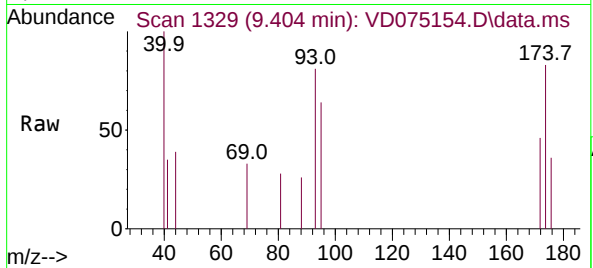
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 0.0 35.6 53.4#

58 0.0 57.4 86.2#



#50

Toluene-d8

Concen: 53.140 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075154.D

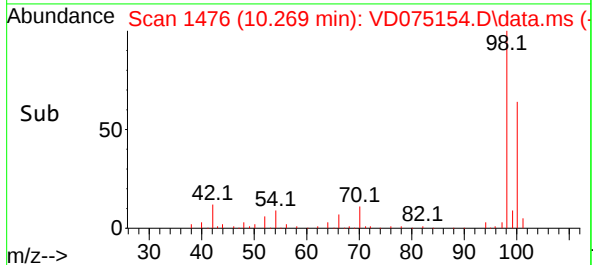
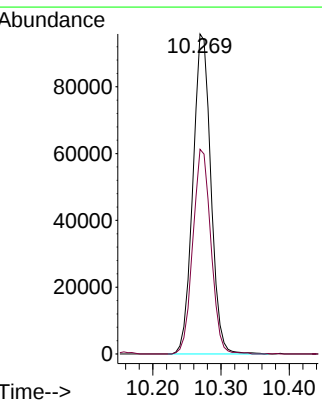
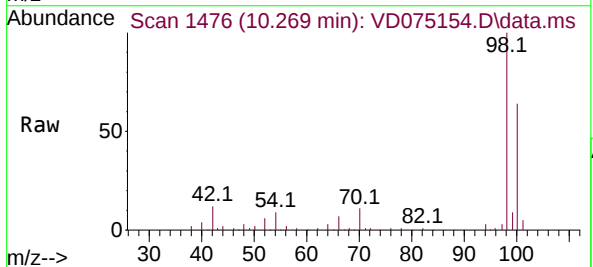
Acq: 20 Jan 2023 15:35

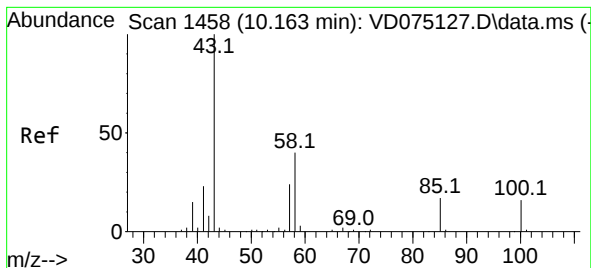
Tgt Ion: 98 Resp: 175351

Ion Ratio Lower Upper

98 100

100 64.4 52.7 79.1

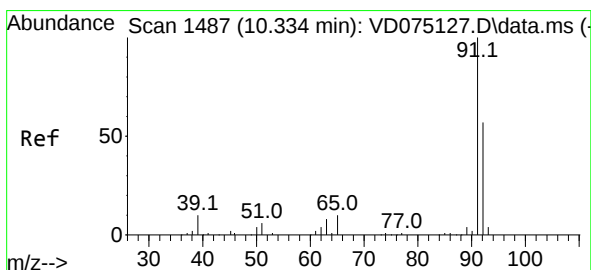
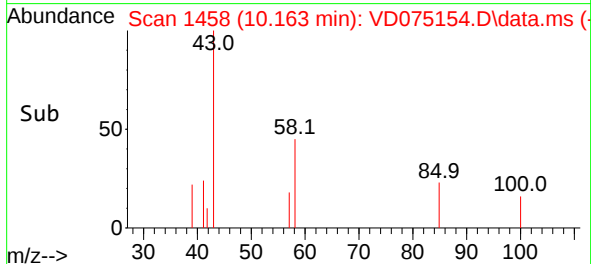
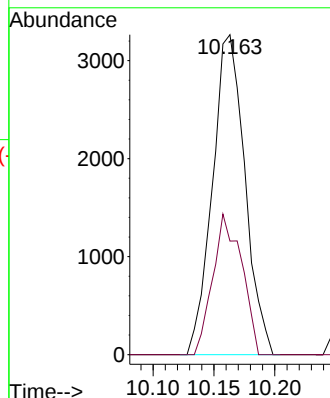
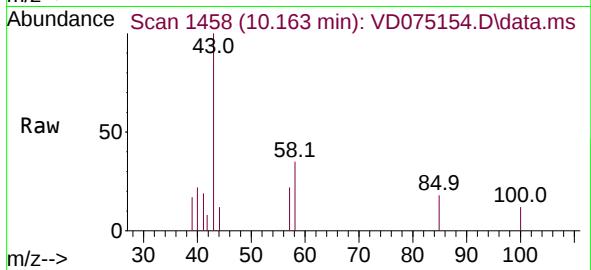




#51
4-Methyl-2-Pentanone
Concen: 11.926 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

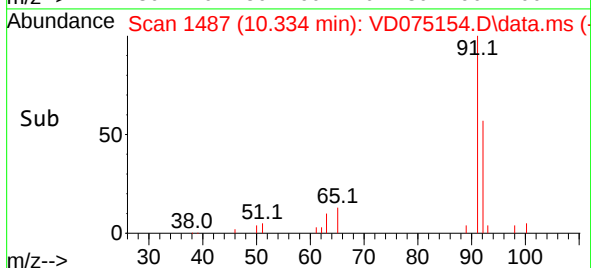
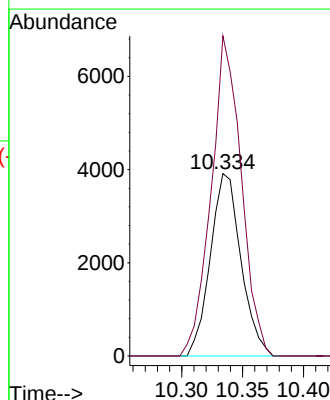
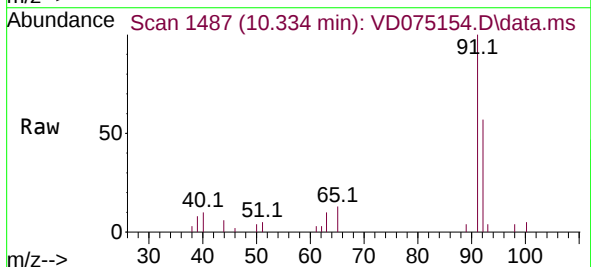
Instrument :
MSVOA_D
ClientSampleId :
MDL05

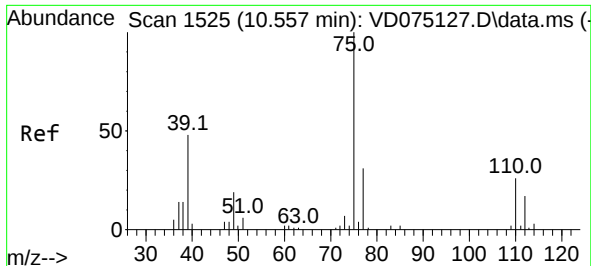
Tgt Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0



#52
Toluene
Concen: 2.817 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 92 Resp: 6837
Ion Ratio Lower Upper
92 100
91 172.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 2.156 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

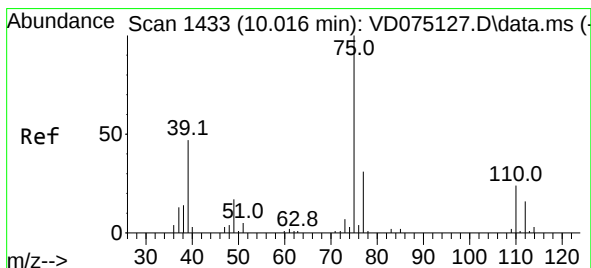
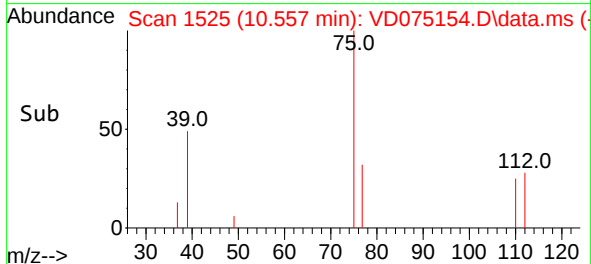
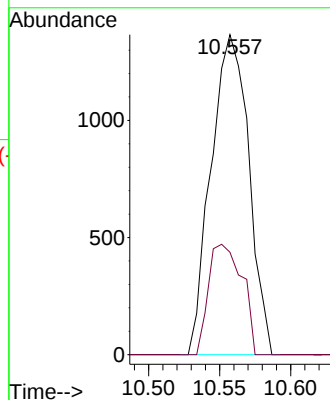
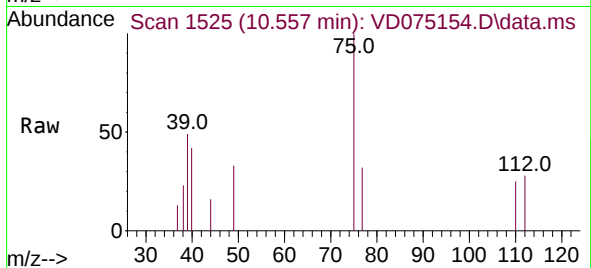
MDL05

Tgt Ion: 75 Resp: 2524

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.231 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

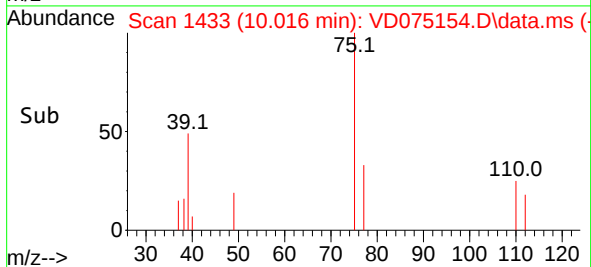
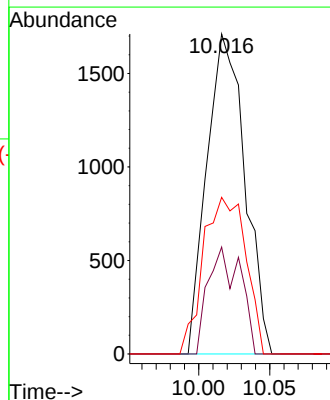
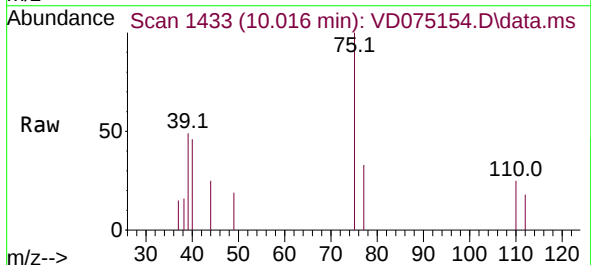
Tgt Ion: 75 Resp: 3191

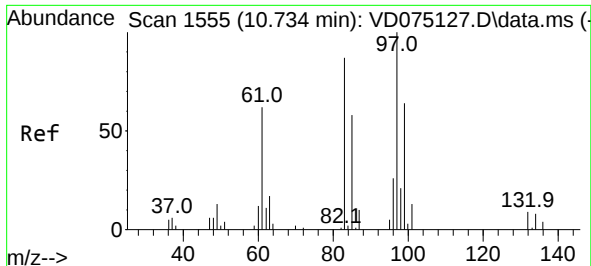
Ion Ratio Lower Upper

75 100

77 33.4 25.1 37.7

39 49.0 37.9 56.9



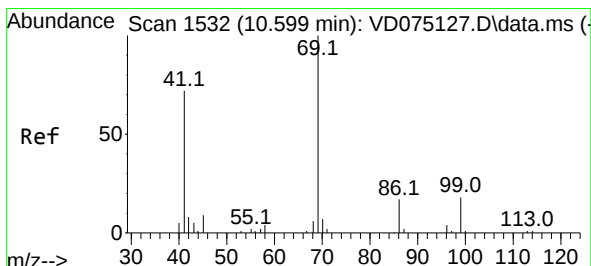
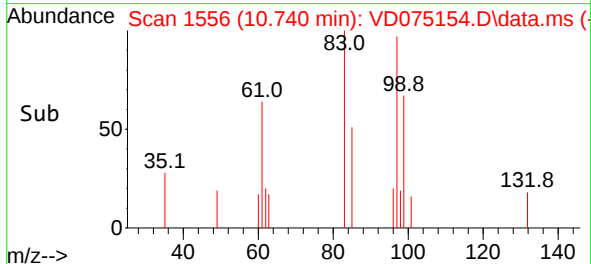
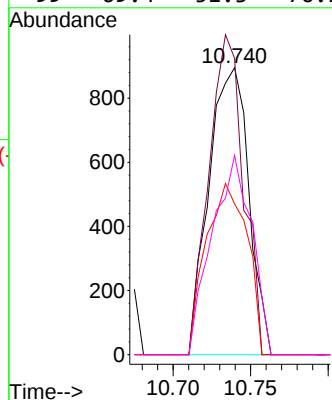
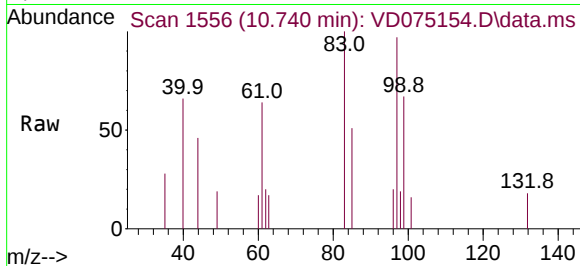


#55
1,1,2-Trichloroethane
Concen: 2.424 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 1600

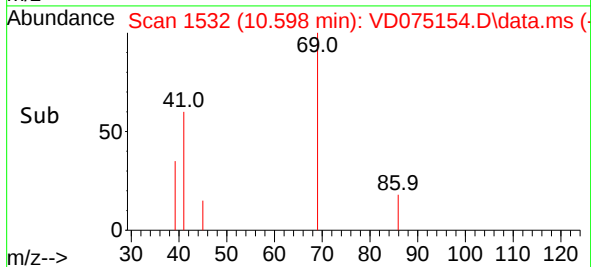
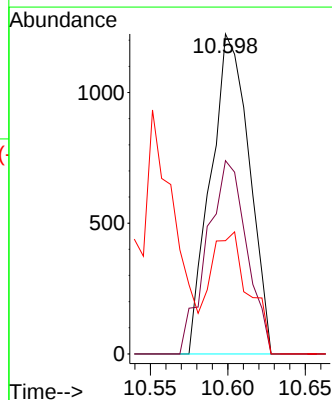
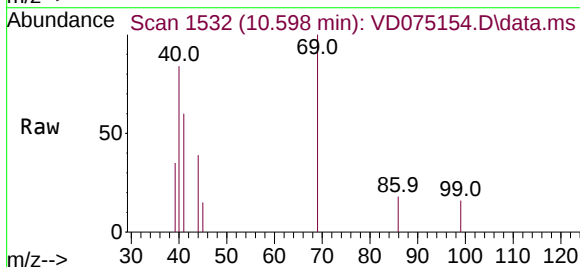
Ion	Ratio	Lower	Upper
97	100		
83	103.2	69.4	104.0
85	52.5	46.0	69.0
99	69.4	51.3	76.9

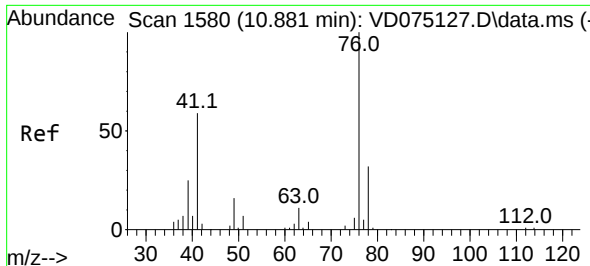


#56
Ethyl methacrylate
Concen: 2.655 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 69 Resp: 2108

Ion	Ratio	Lower	Upper
69	100		
41	62.5	55.7	83.5
39	37.6	31.4	47.0





#57

1,3-Dichloropropane

Concen: 2.769 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

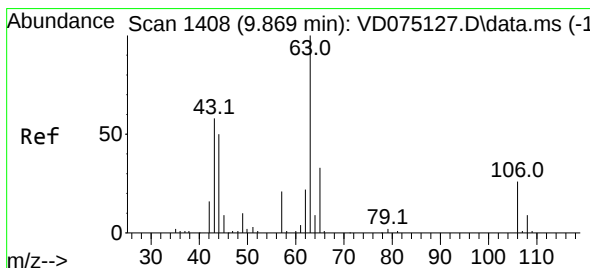
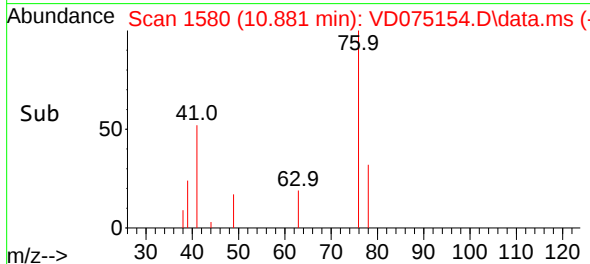
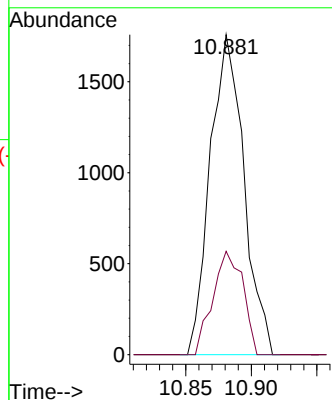
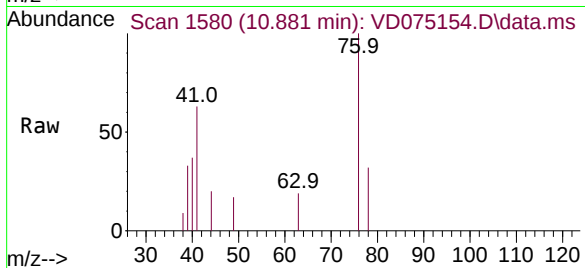
MDL05

Tgt Ion: 76 Resp: 3141

Ion Ratio Lower Upper

76 100

78 28.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 10.001 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075154.D

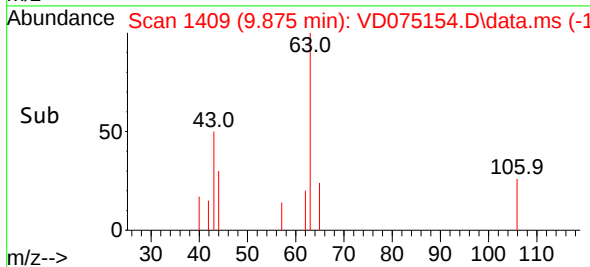
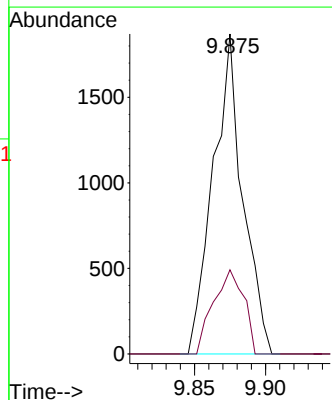
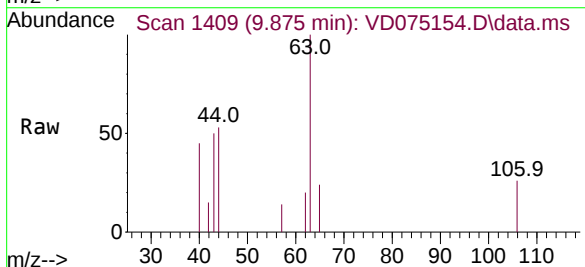
Acq: 20 Jan 2023 15:35

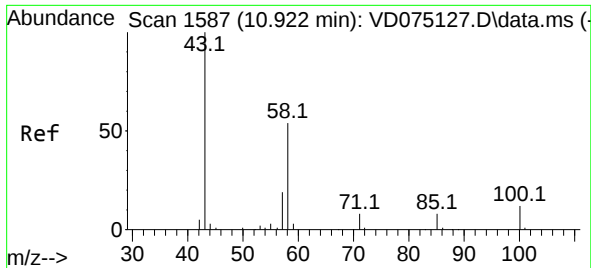
Tgt Ion: 63 Resp: 2717

Ion Ratio Lower Upper

63 100

106 26.9 22.6 33.8

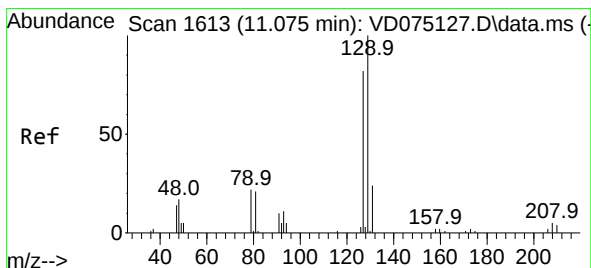
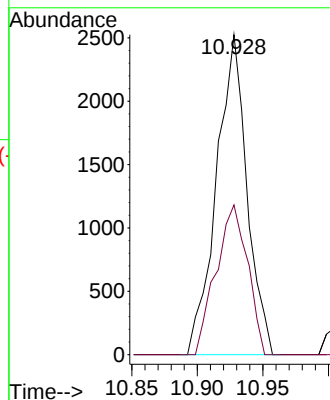
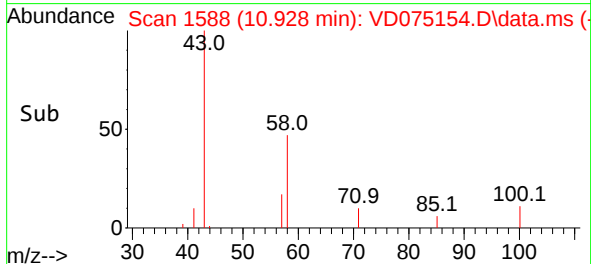
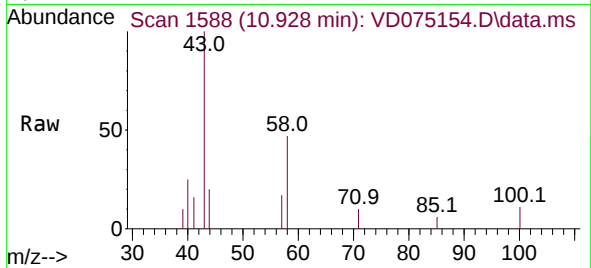




#59
2-Hexanone
Concen: 11.142 ug/l
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

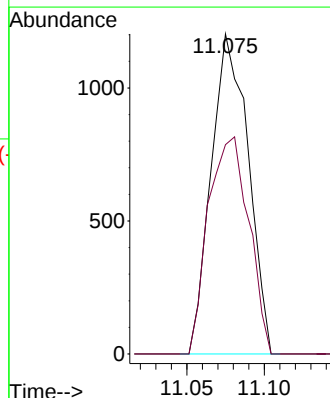
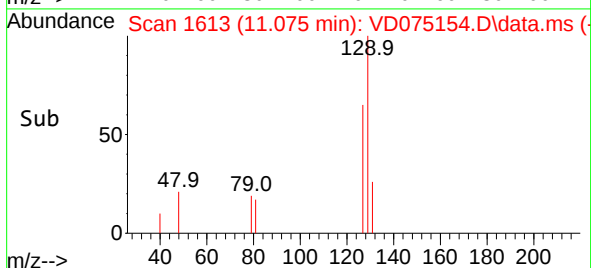
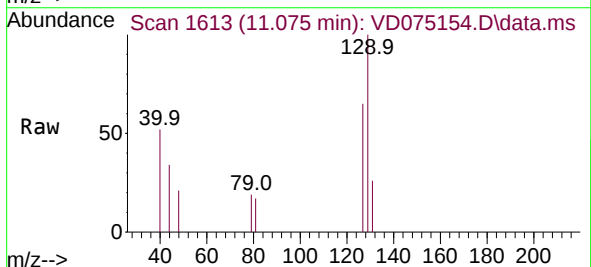
Instrument :
MSVOA_D
ClientSampleId :
MDL05

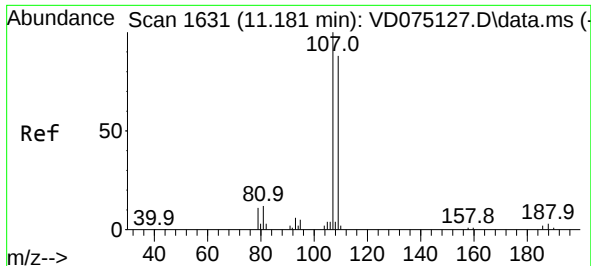
Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
58 48.4 26.8 80.4



#60
Dibromochloromethane
Concen: 2.501 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 129 Resp: 1990
Ion Ratio Lower Upper
129 100
127 74.4 38.9 116.6

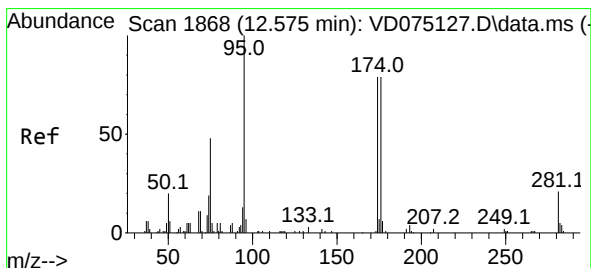
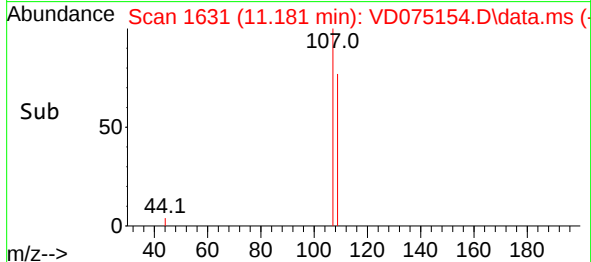
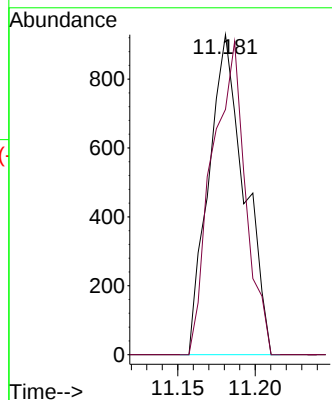
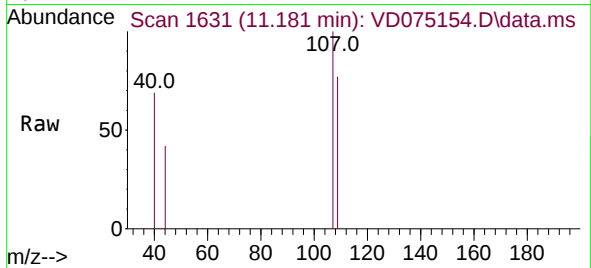




#61
1,2-Dibromoethane
Concen: 2.361 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

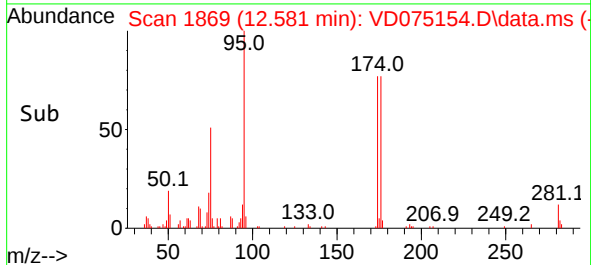
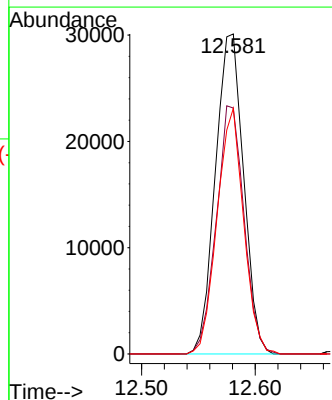
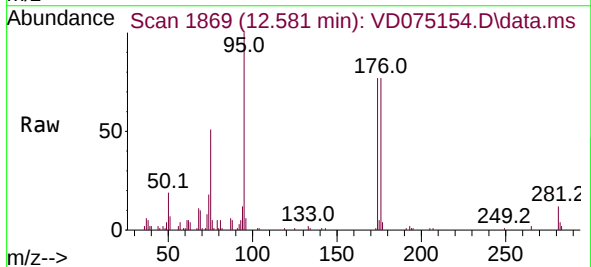
Instrument :
MSVOA_D
ClientSampleId :
MDL05

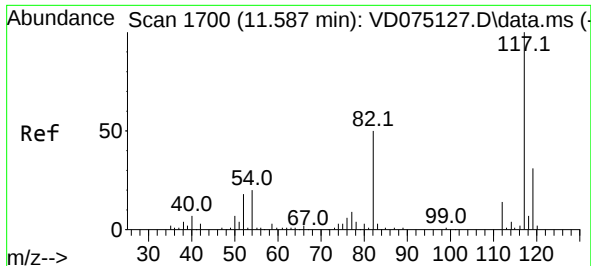
Tgt Ion:107 Resp: 1489
Ion Ratio Lower Upper
107 100
109 91.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.565 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 95 Resp: 51907
Ion Ratio Lower Upper
95 100
174 76.2 0.0 161.2
176 72.3 0.0 160.2

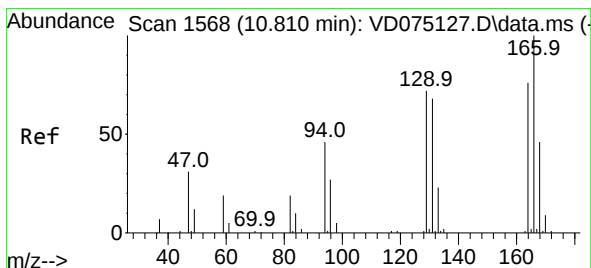
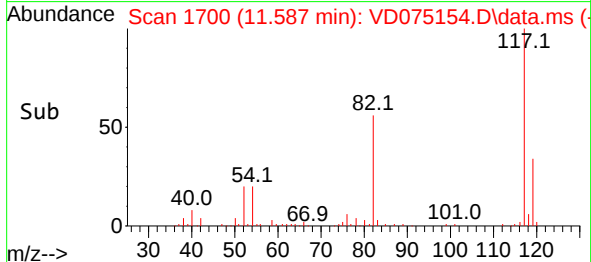
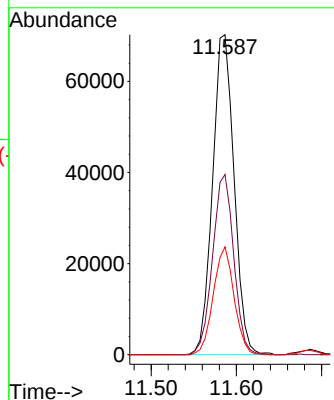
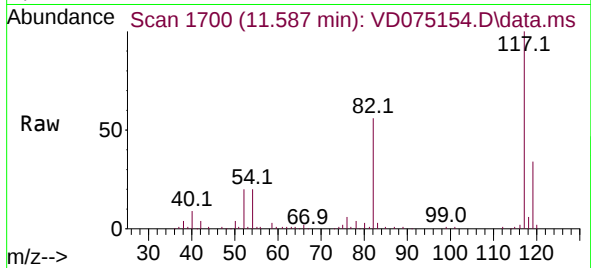




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

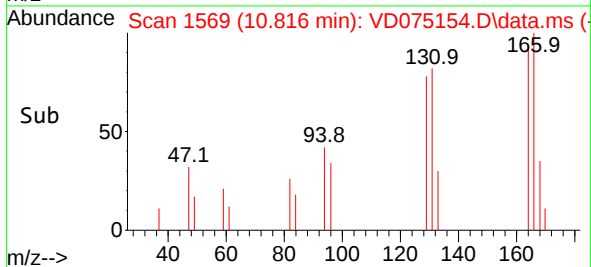
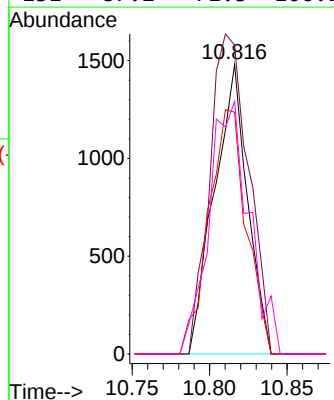
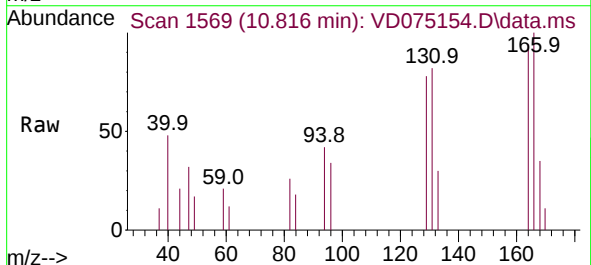
Instrument :
MSVOA_D
ClientSampleId :
MDL05

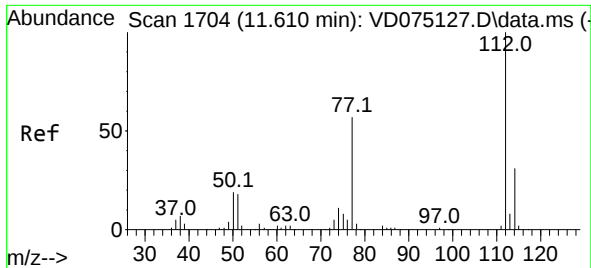
Tgt Ion:117 Resp: 123125
Ion Ratio Lower Upper
117 100
82 56.3 39.6 59.4
119 33.7 24.6 37.0



#64
Tetrachloroethene
Concen: 2.500 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion:164 Resp: 2198
Ion Ratio Lower Upper
164 100
166 106.6 105.3 157.9
129 83.5 76.2 114.4
131 87.2 71.3 106.9

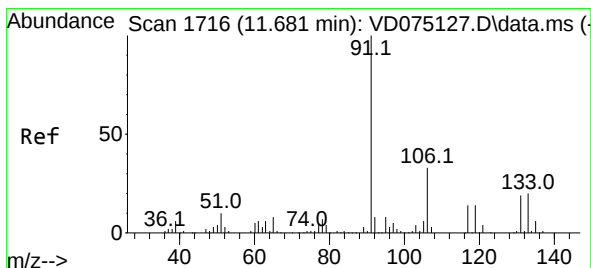
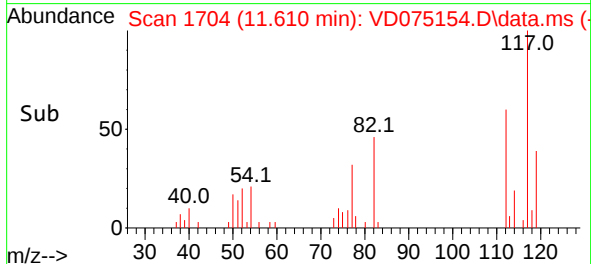
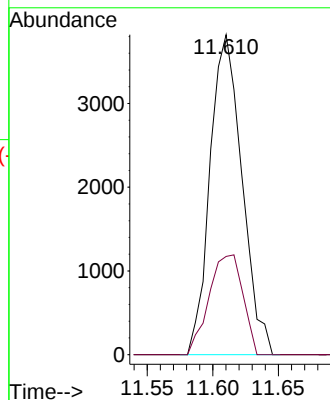
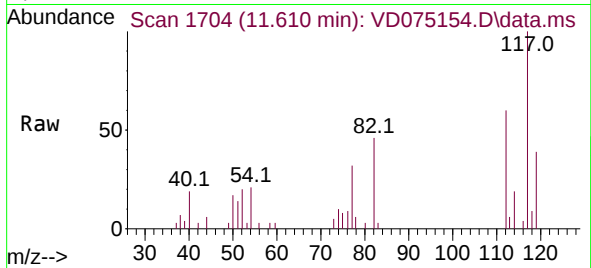




#65
Chlorobenzene
Concen: 2.568 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

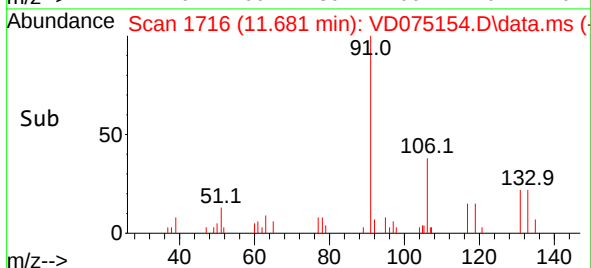
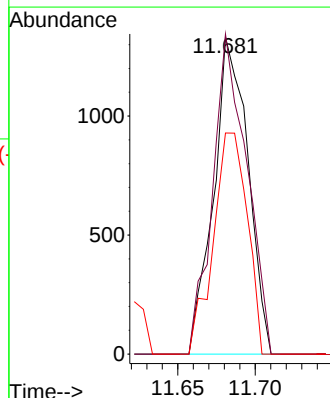
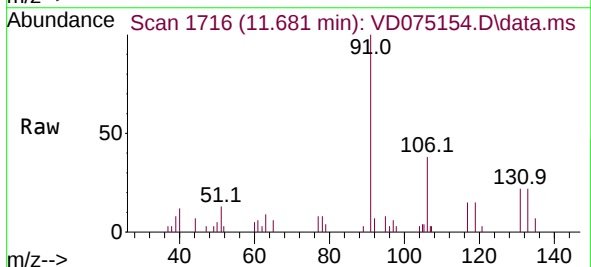
Instrument :
MSVOA_D
ClientSampleId :
MDL05

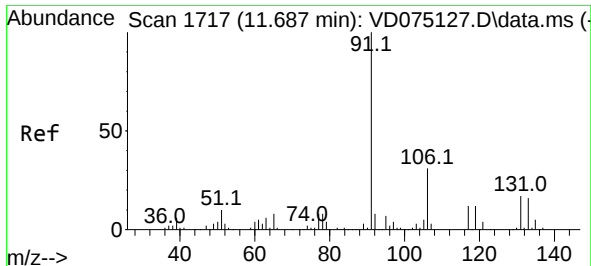
Tgt Ion:112 Resp: 6478
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 2.415 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion:131 Resp: 2049
Ion Ratio Lower Upper
131 100
133 100.2 49.0 147.2
119 69.3 34.8 104.5





#67

Ethyl Benzene

Concen: 2.510 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

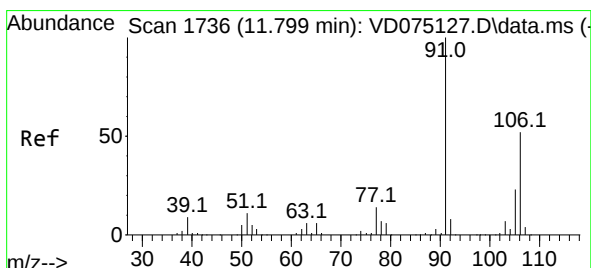
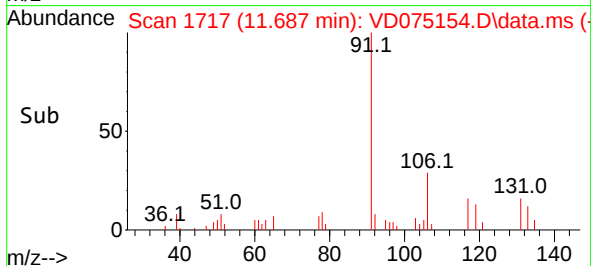
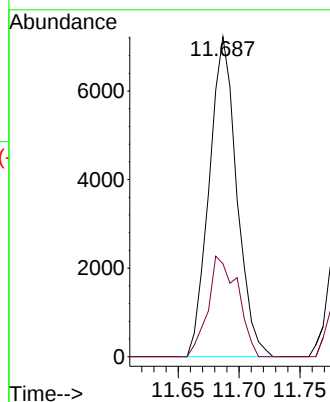
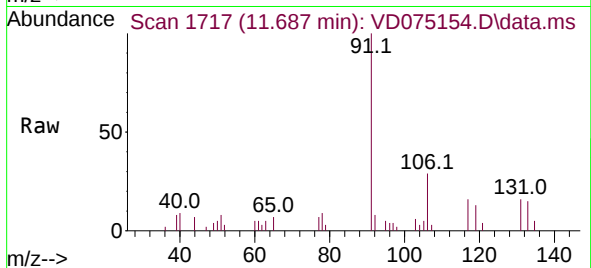
MDL05

Tgt Ion: 91 Resp: 11397

Ion Ratio Lower Upper

91 100

106 29.0 25.0 37.6



#68

m/p-Xylenes

Concen: 4.958 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VD075154.D

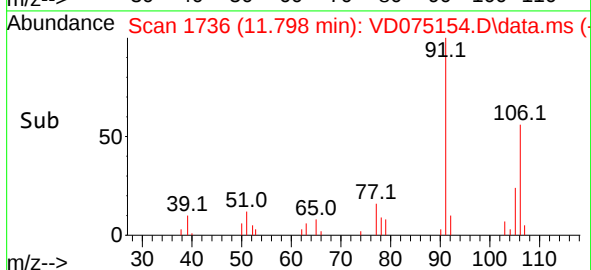
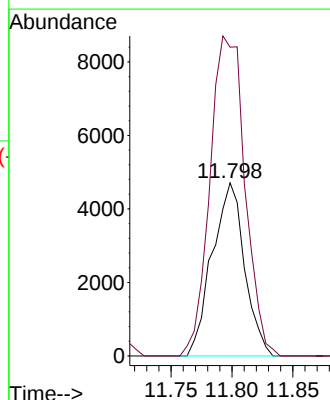
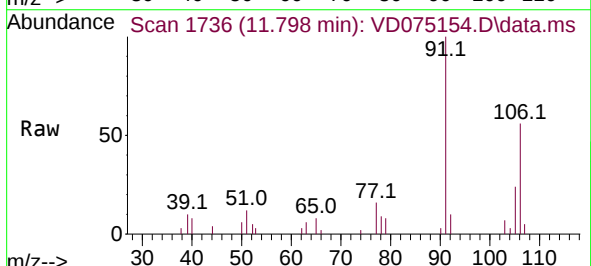
Acq: 20 Jan 2023 15:35

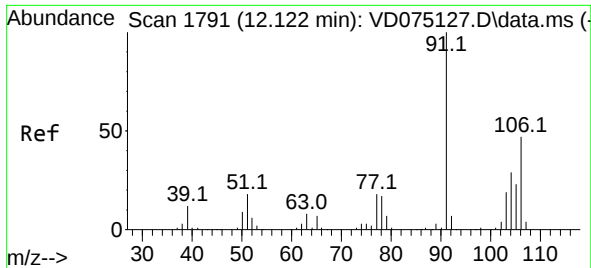
Tgt Ion:106 Resp: 8699

Ion Ratio Lower Upper

106 100

91 200.2 160.3 240.5

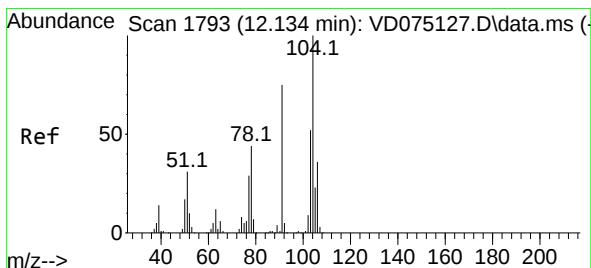
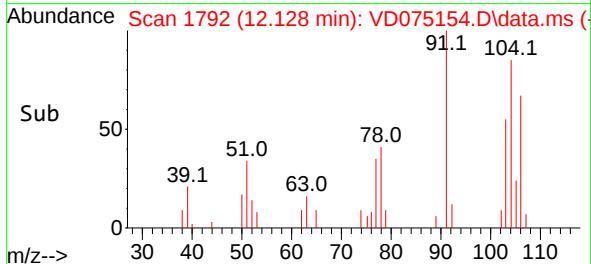
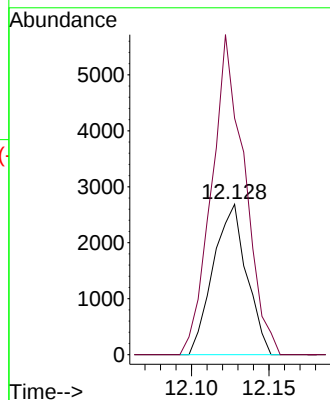
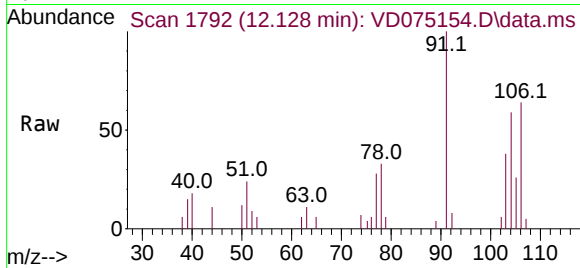




#69
o-Xylene
Concen: 2.453 ug/l
RT: 12.128 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

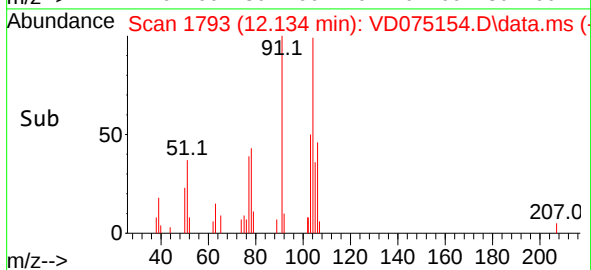
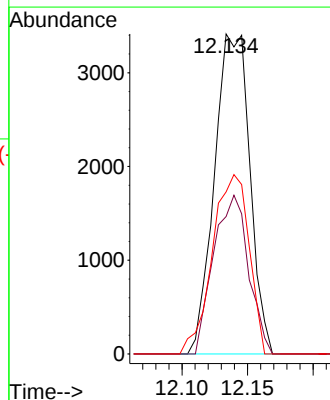
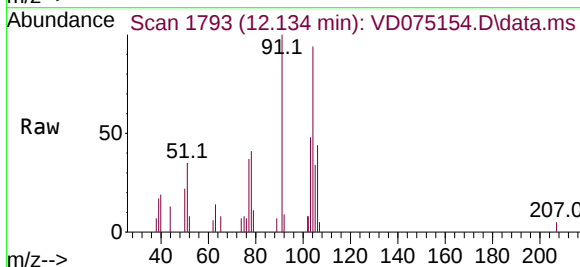
Instrument :
MSVOA_D
ClientSampleId :
MDL05

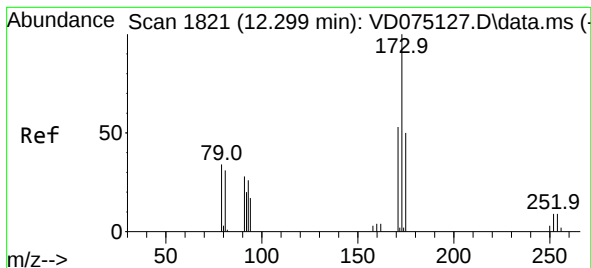
Tgt Ion:106 Resp: 4036
Ion Ratio Lower Upper
106 100
91 209.3 103.6 310.9



#70
Styrene
Concen: 2.340 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion:104 Resp: 6401
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 58.0 43.6 65.4





#71

Bromoform

Concen: 1.917 ug/l

RT: 12.310 min Scan# 1821

Delta R.T. 0.012 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

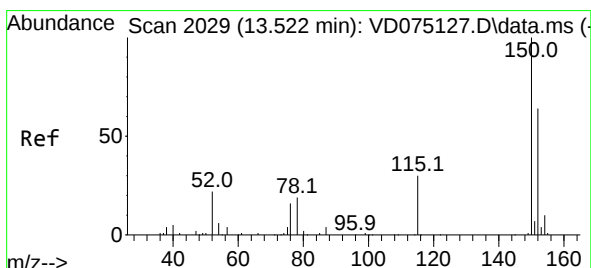
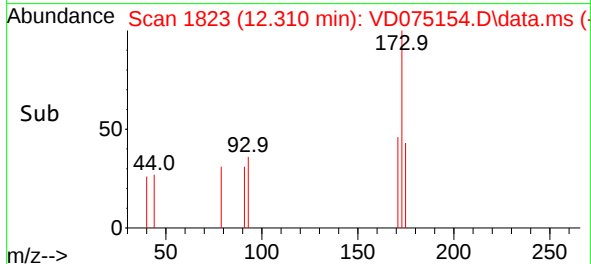
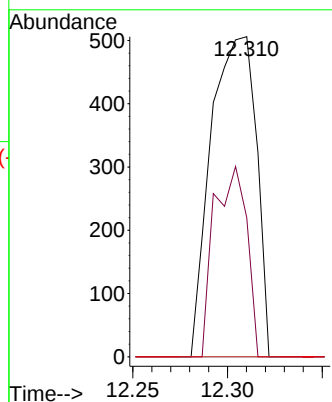
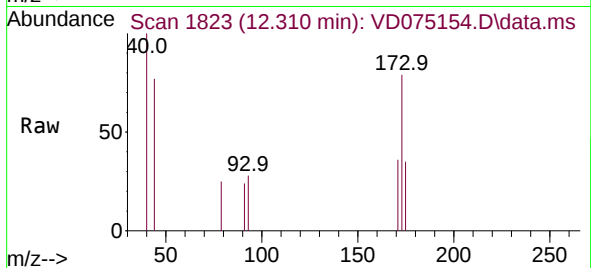
Instrument :

MSVOA_D

ClientSampleId :

MDL05

Tgt Ion:	173	Resp:	840
Ion Ratio	Lower	Upper	
173	100		
175	42.7	25.4	76.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

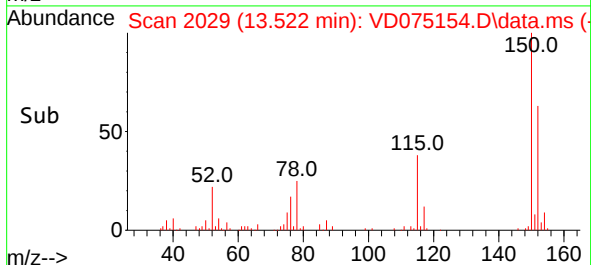
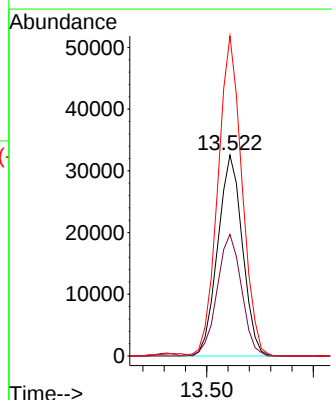
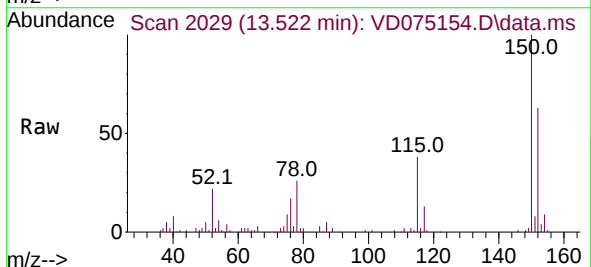
RT: 13.522 min Scan# 2029

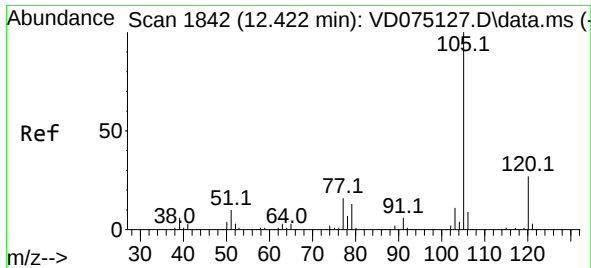
Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Tgt Ion:	152	Resp:	52221
Ion Ratio	Lower	Upper	
152	100		
115	59.6	28.8	86.4
150	155.7	0.0	348.6

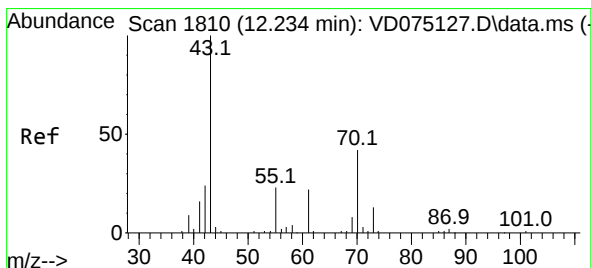
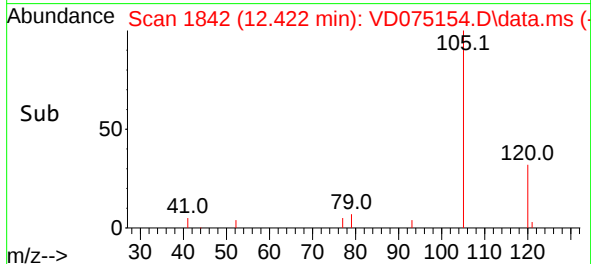
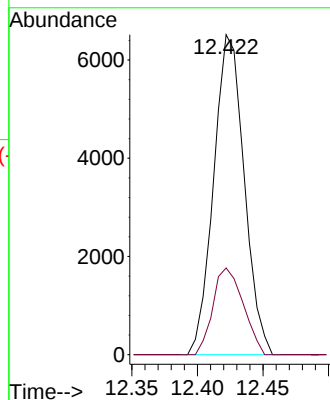
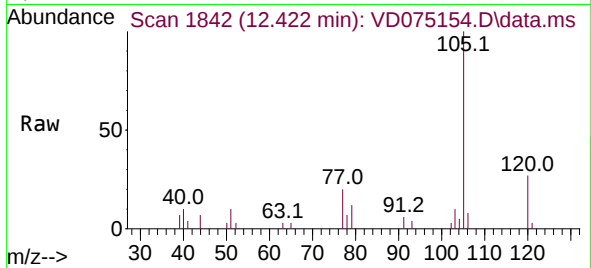




#73
Isopropylbenzene
Concen: 2.559 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

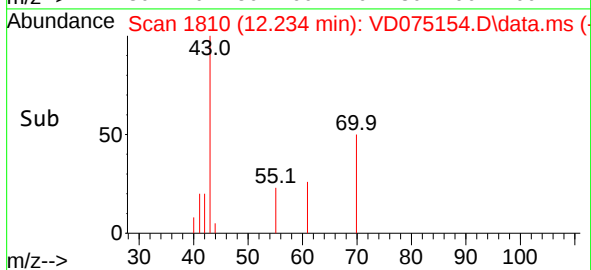
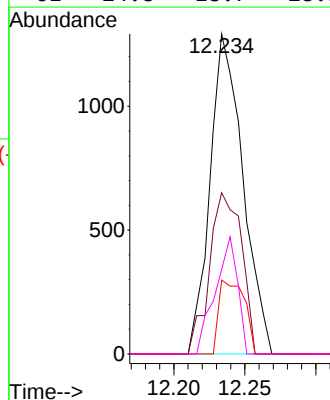
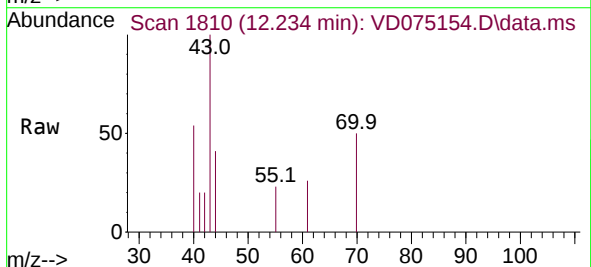
Instrument :
MSVOA_D
ClientSampleId :
MDL05

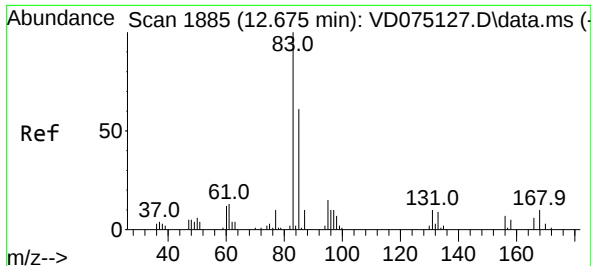
Tgt Ion:105 Resp: 10555
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.1



#74
N-ethyl acetate
Concen: 2.299 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 43 Resp: 2077
Ion Ratio Lower Upper
43 100
70 49.3 32.6 49.0#
55 17.9 17.8 26.8
61 24.8 18.7 28.1

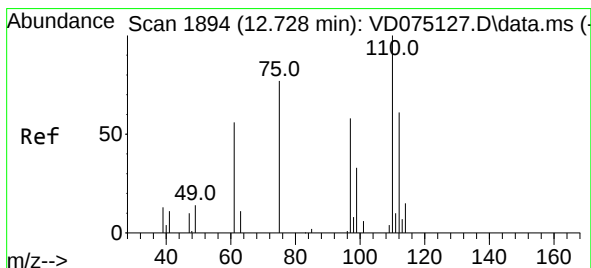
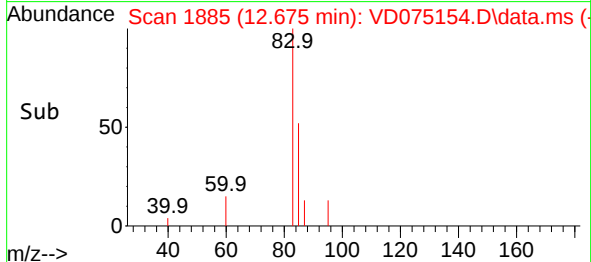
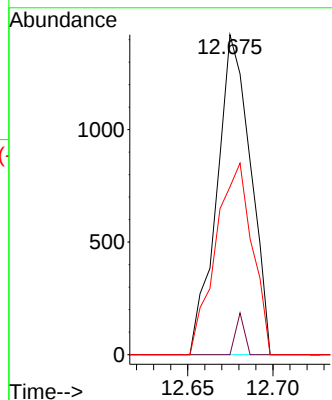
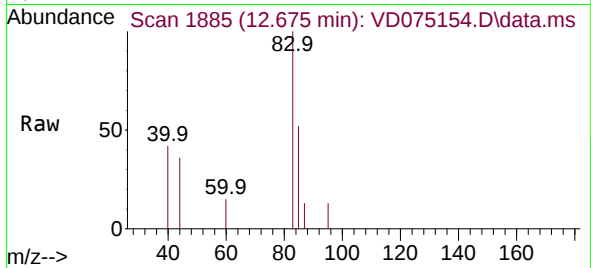




#75
1,1,2,2-Tetrachloroethane
Concen: 2.985 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

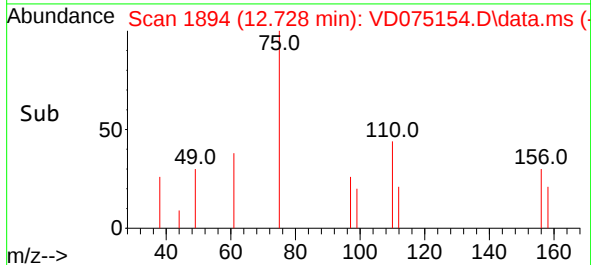
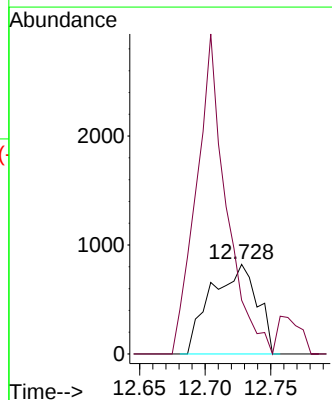
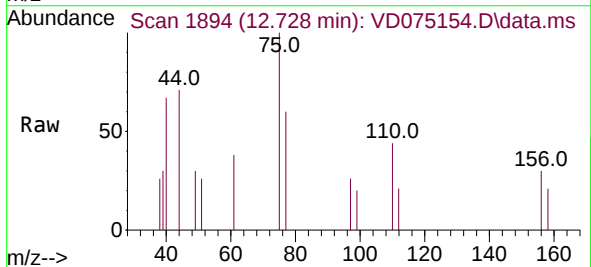
Instrument :
MSVOA_D
ClientSampleId :
MDL05

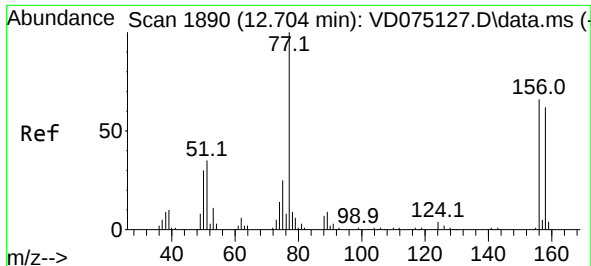
Tgt Ion: 83 Resp: 1962
Ion Ratio Lower Upper
83 100
131 3.3 4.9 14.6#
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 4.531 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 75 Resp: 2004
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

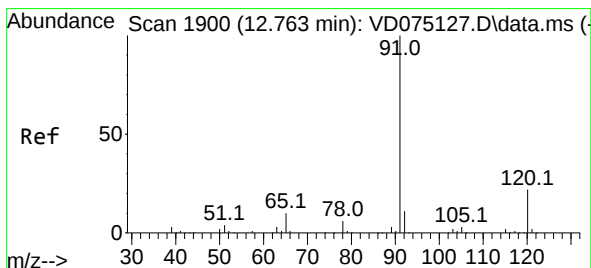
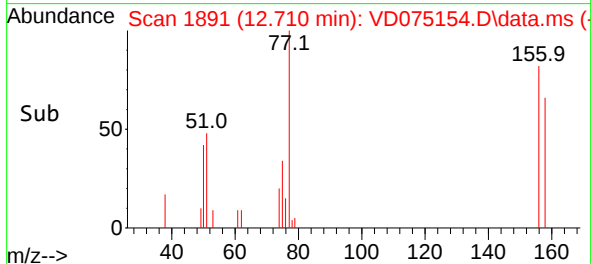
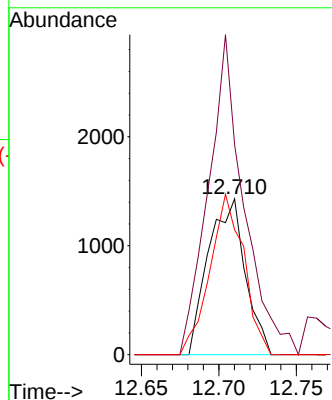
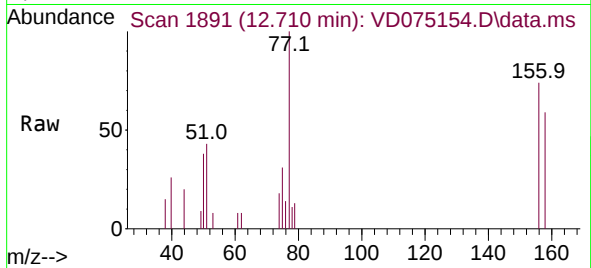




#77
Bromobenzene
Concen: 2.521 ug/l
RT: 12.710 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

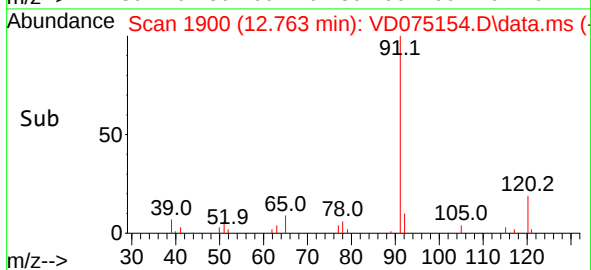
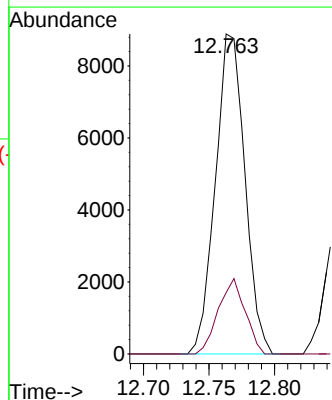
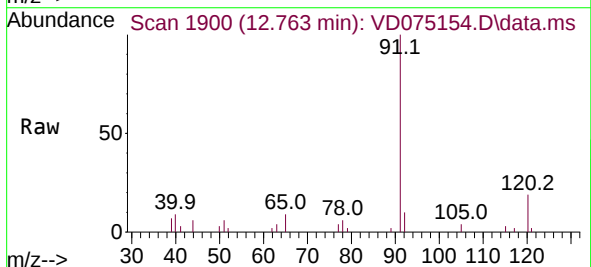
Instrument :
MSVOA_D
ClientSampleId :
MDL05

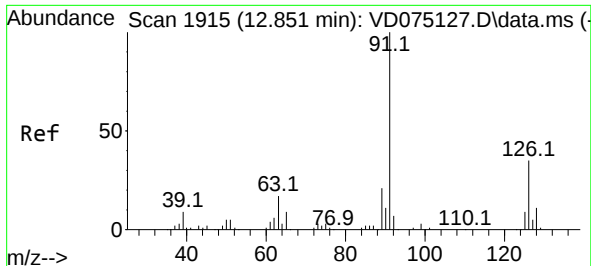
Tgt Ion:156 Resp: 2375
Ion Ratio Lower Upper
156 100
77 196.4 85.6 256.8
158 94.3 47.3 141.9



#78
n-propylbenzene
Concen: 2.743 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 91 Resp: 13904
Ion Ratio Lower Upper
91 100
120 21.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 2.545 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

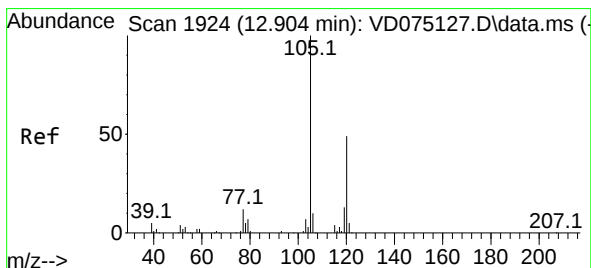
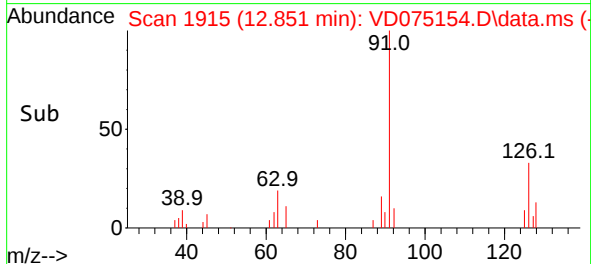
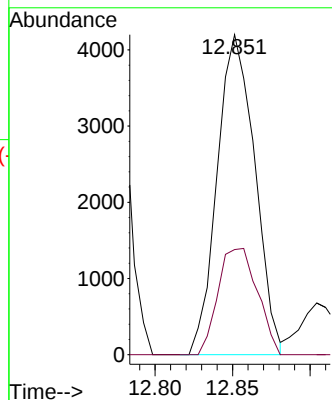
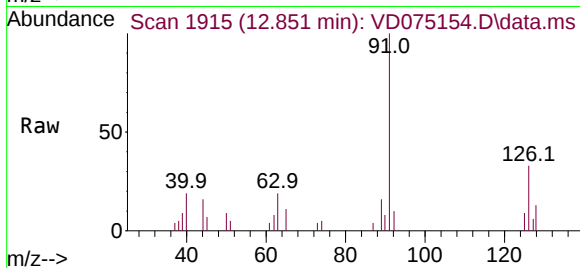
MDL05

Tgt Ion: 91 Resp: 7094

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 2.514 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075154.D

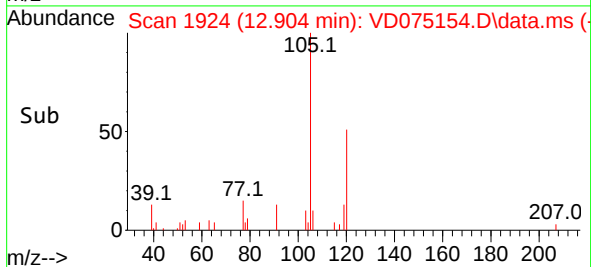
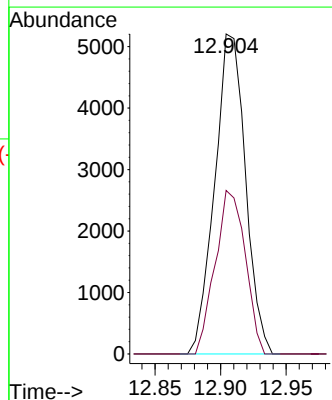
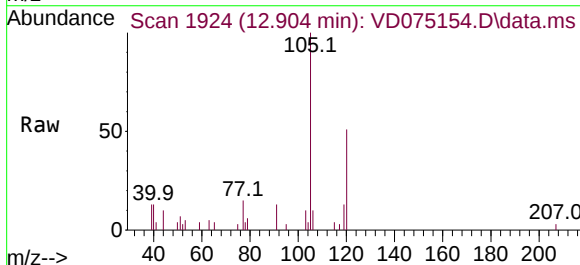
Acq: 20 Jan 2023 15:35

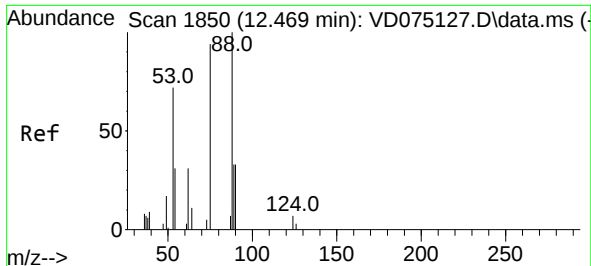
Tgt Ion: 105 Resp: 8497

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.8

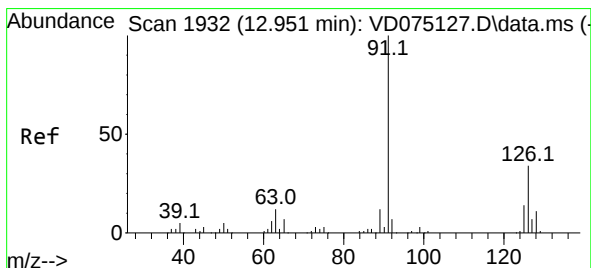
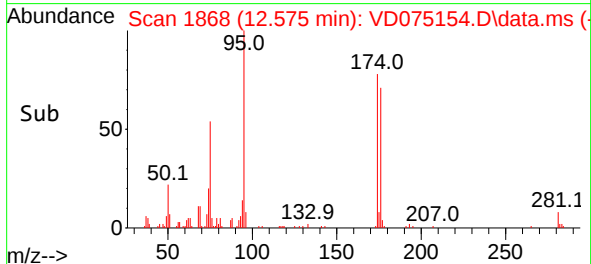
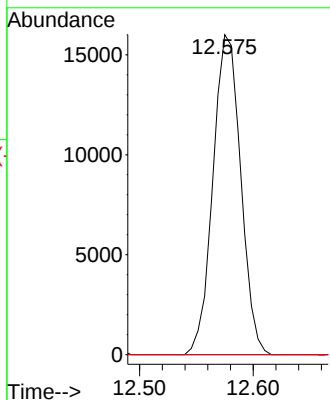
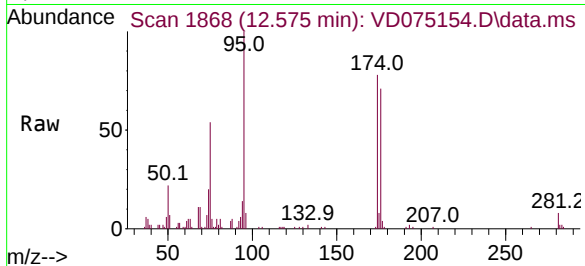




#81
trans-1,4-Dichloro-2-butene
Concen: 142.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

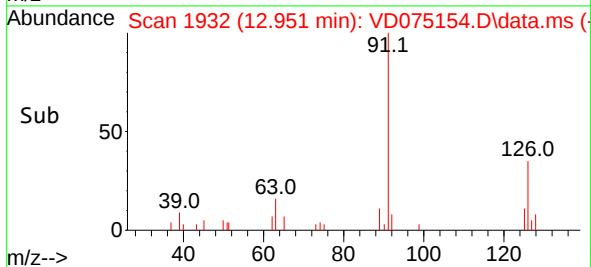
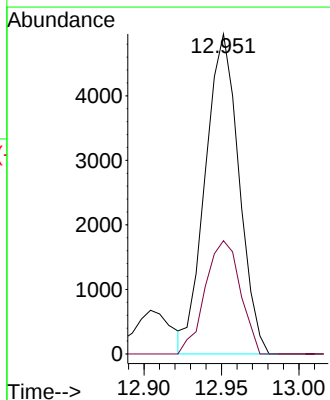
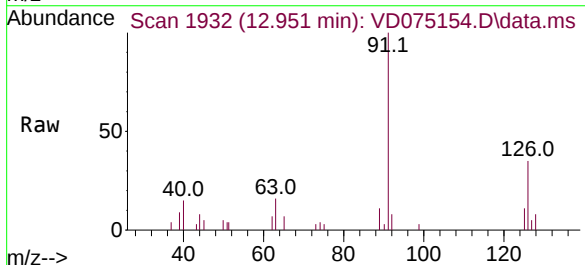
Instrument :
MSVOA_D
ClientSampleId :
MDL05

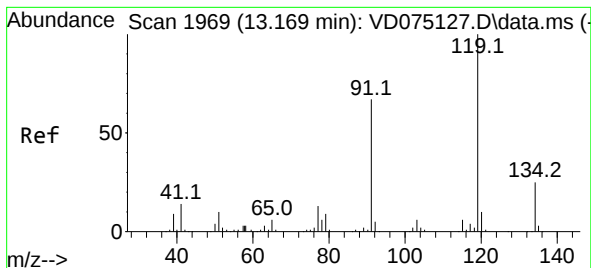
Tgt Ion: 75 Resp: 27214
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#82
4-Chlorotoluene
Concen: 2.612 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 91 Resp: 7488
Ion Ratio Lower Upper
91 100
126 36.8 17.3 52.0





#83

tert-Butylbenzene

Concen: 2.525 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

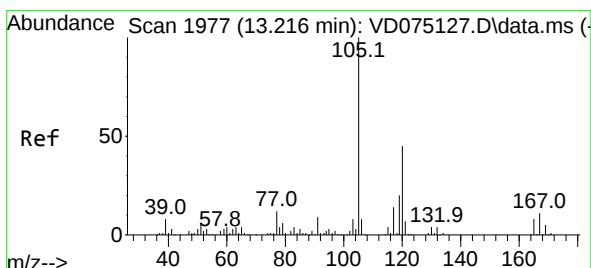
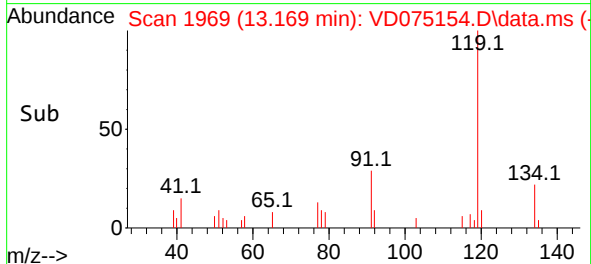
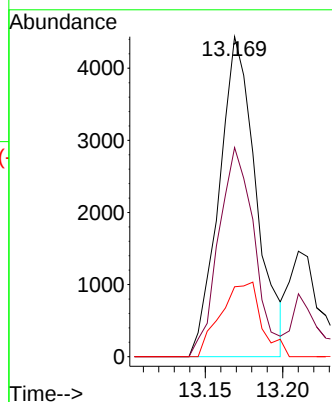
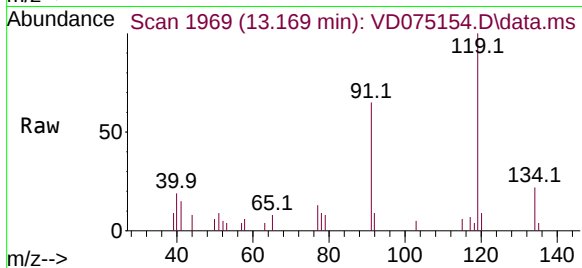
Tgt Ion:119 Resp: 7384

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 25.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 2.451 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075154.D

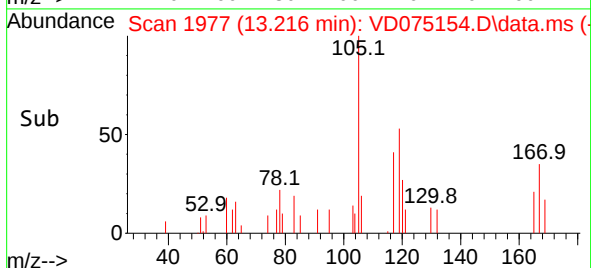
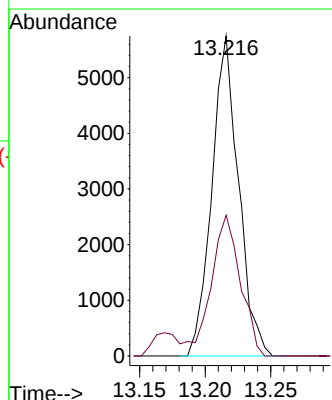
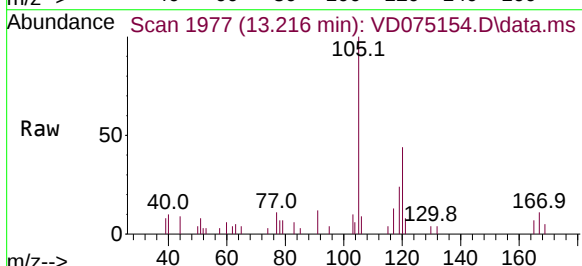
Acq: 20 Jan 2023 15:35

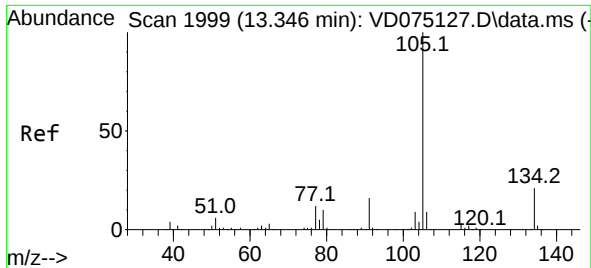
Tgt Ion:105 Resp: 8136

Ion Ratio Lower Upper

105 100

120 48.5 23.2 69.5

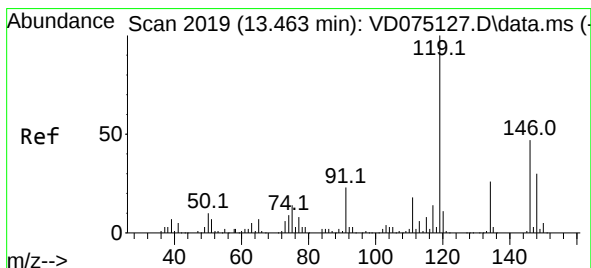
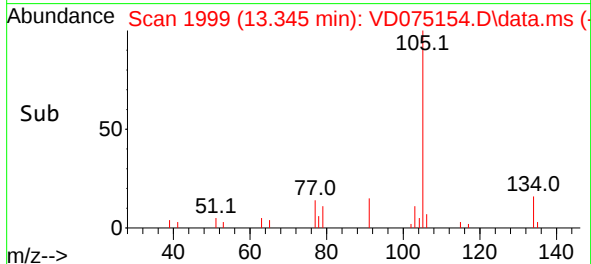
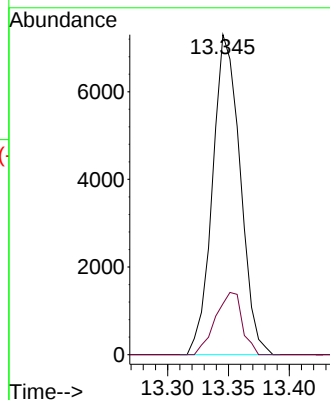
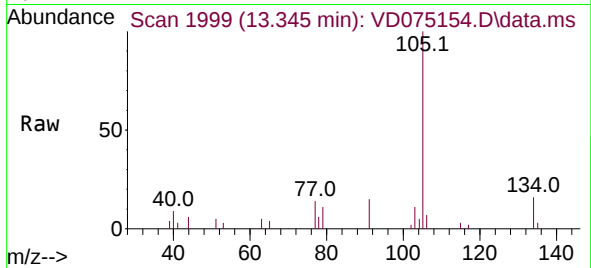




#85
 sec-Butylbenzene
 Concen: 2.598 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075154.D
 Acq: 20 Jan 2023 15:35

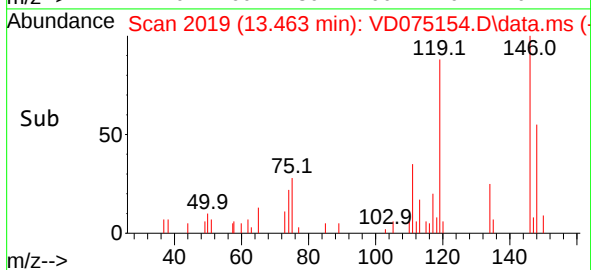
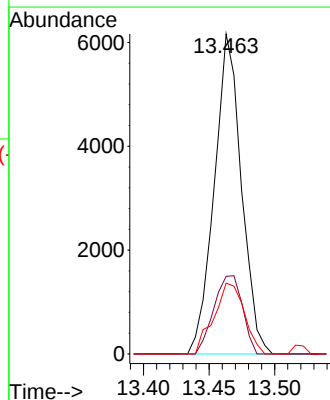
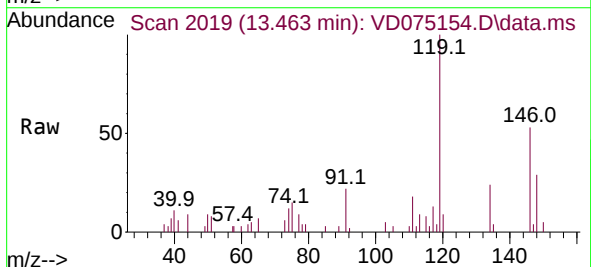
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL05

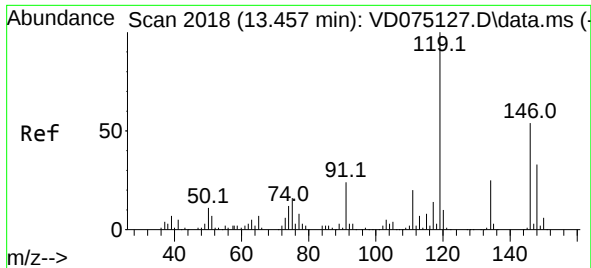
Tgt Ion:105 Resp: 11541
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 2.430 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075154.D
 Acq: 20 Jan 2023 15:35

Tgt Ion:119 Resp: 8838
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 24.8 11.9 35.5

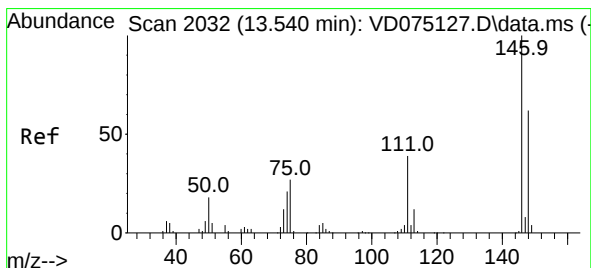
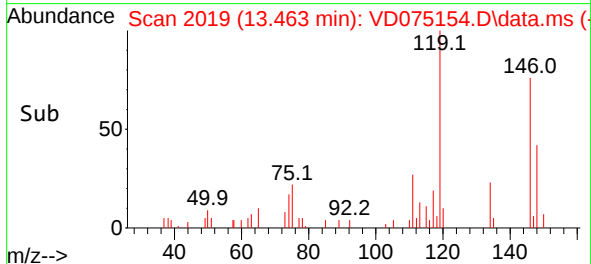
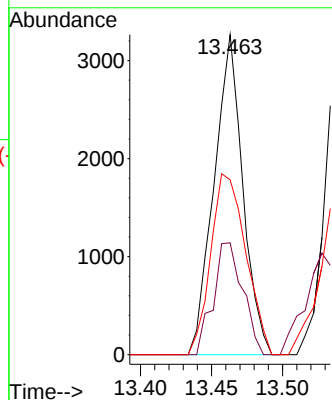
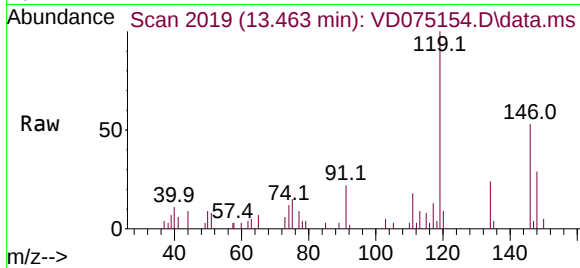




#87
 1,3-Dichlorobenzene
 Concen: 2.513 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD075154.D
 Acq: 20 Jan 2023 15:35

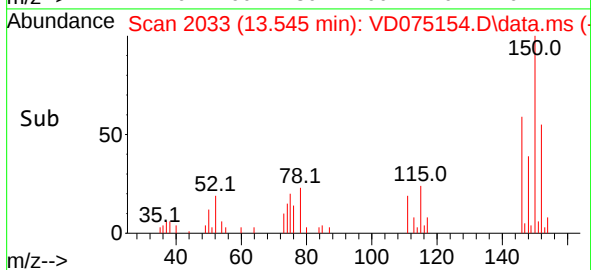
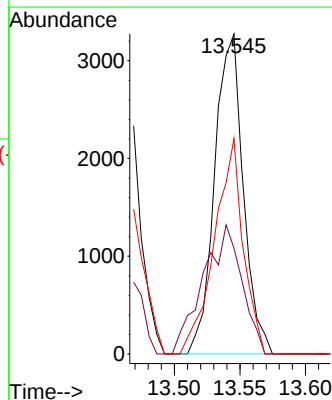
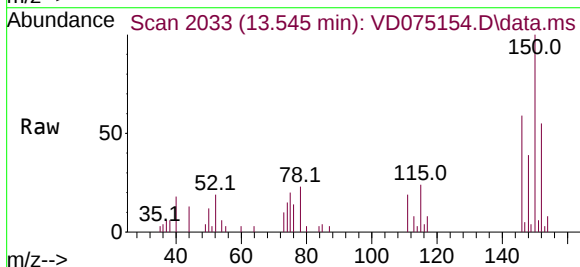
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL05

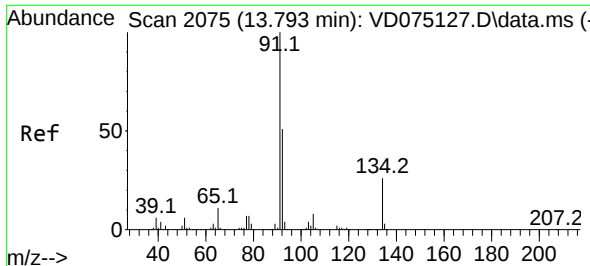
Tgt Ion:146 Resp: 4590
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.9 56.9
 148 69.1 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 2.761 ug/l
 RT: 13.545 min Scan# 2033
 Delta R.T. 0.006 min
 Lab File: VD075154.D
 Acq: 20 Jan 2023 15:35

Tgt Ion:146 Resp: 4962
 Ion Ratio Lower Upper
 146 100
 111 54.6 19.7 59.1
 148 67.7 31.9 95.5

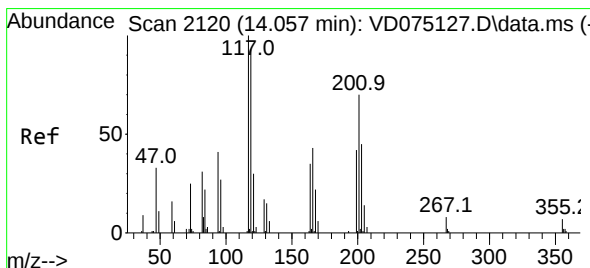
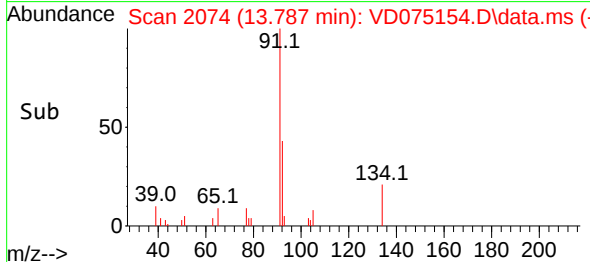
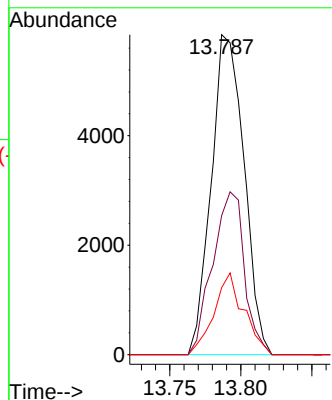
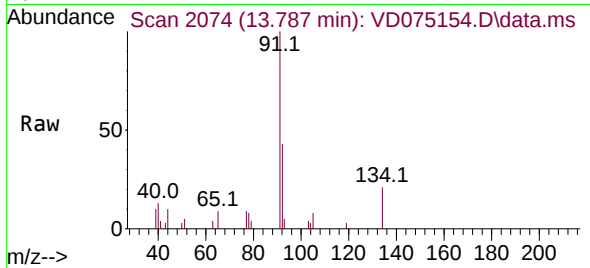




#89
n-Butylbenzene
Concen: 2.647 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

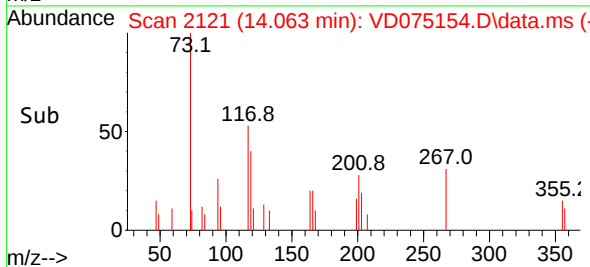
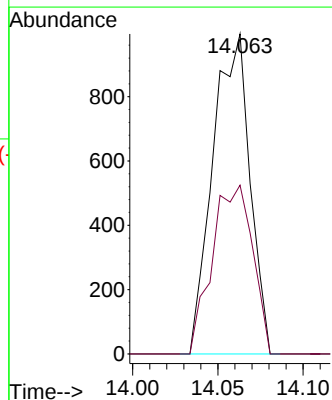
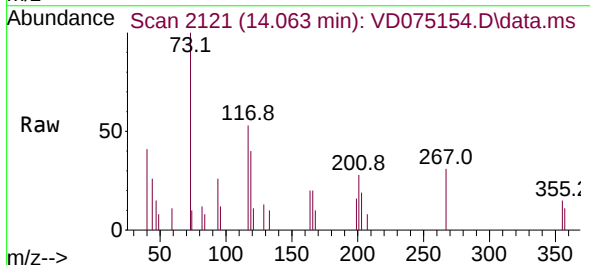
Instrument :
MSVOA_D
ClientSampleId :
MDL05

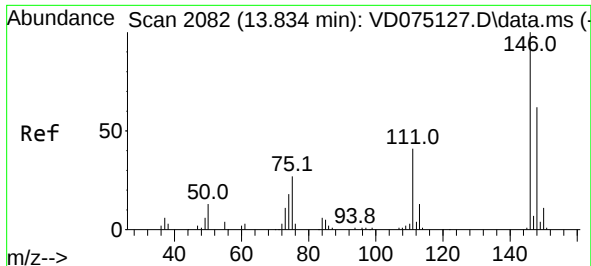
Tgt Ion: 91	Resp:	9382
Ion Ratio	Lower	Upper
91	100	
92	49.4	26.8 80.3
134	23.2	13.3 39.8



#90
Hexachloroethane
Concen: 2.339 ug/l
RT: 14.063 min Scan# 2121
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion: 117	Resp:	1502
Ion Ratio	Lower	Upper
117	100	
201	57.9	35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 2.330 ug/l

RT: 13.839 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

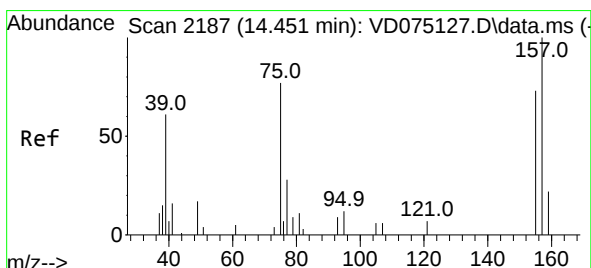
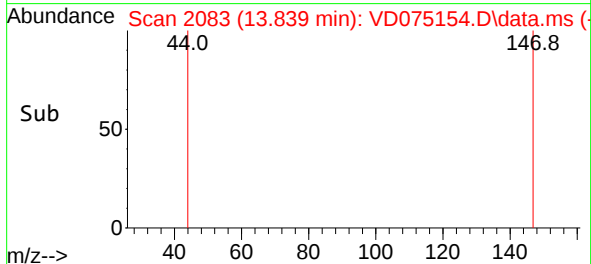
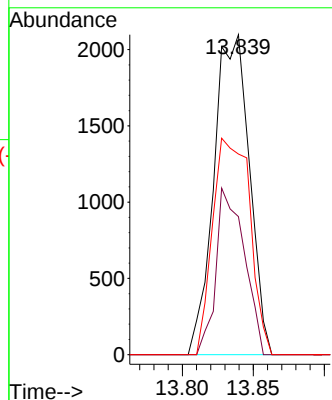
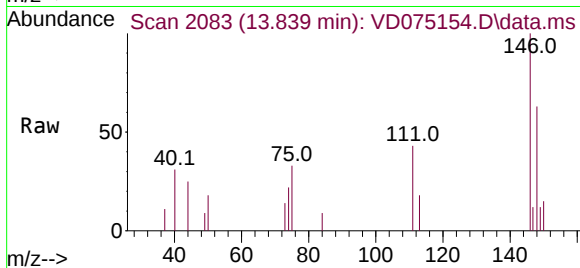
Tgt Ion:146 Resp: 3641

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.2

148 70.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.020 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

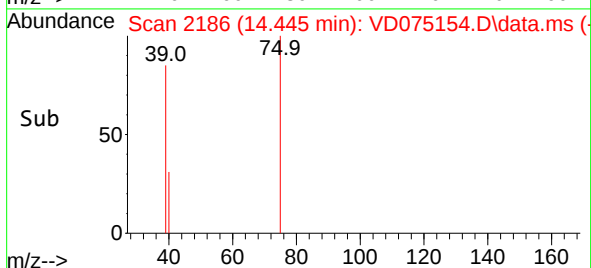
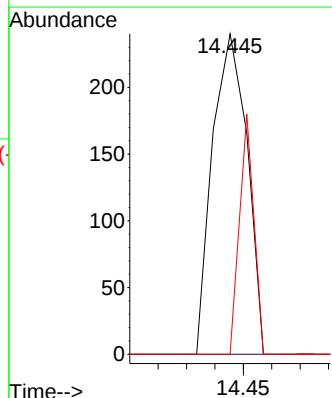
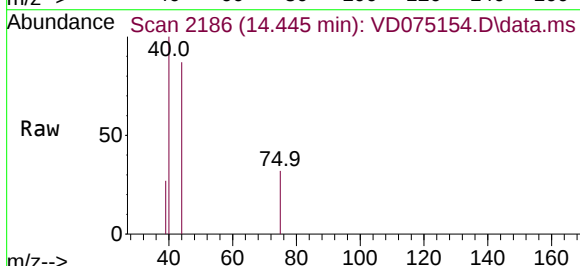
Tgt Ion: 75 Resp: 203

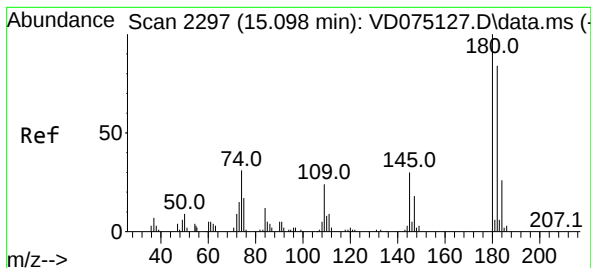
Ion Ratio Lower Upper

75 100

155 0.0 43.4 130.2#

157 31.5 56.4 169.2#





#93

1,2,4-Trichlorobenzene

Concen: 2.192 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

MDL05

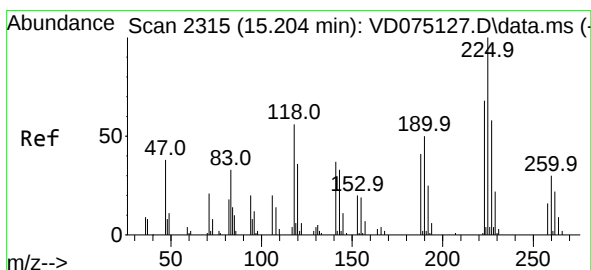
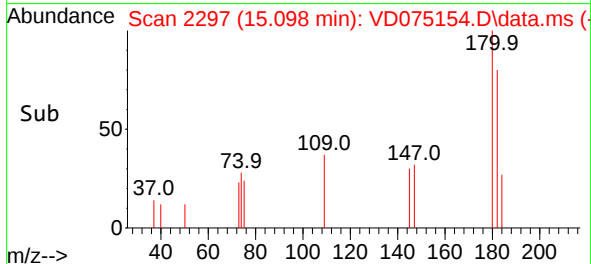
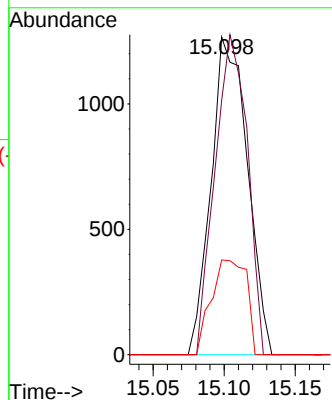
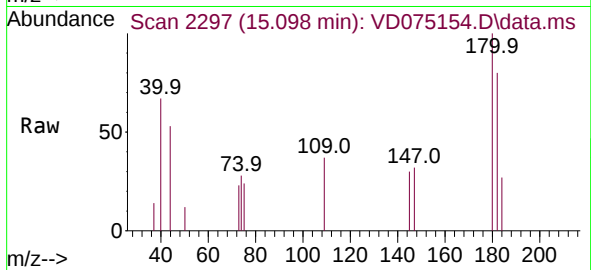
Tgt Ion:180 Resp: 2249

Ion Ratio Lower Upper

180 100

182 89.9 46.2 138.6

145 28.9 15.8 47.4



#94

Hexachlorobutadiene

Concen: 2.329 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075154.D

Acq: 20 Jan 2023 15:35

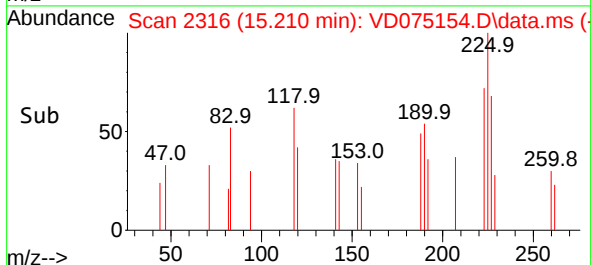
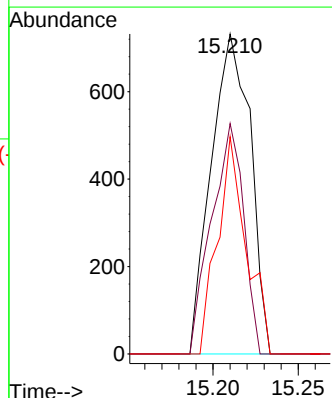
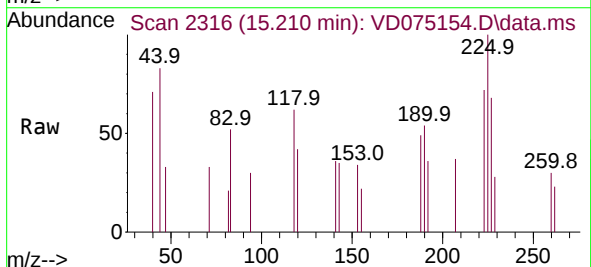
Tgt Ion:225 Resp: 1171

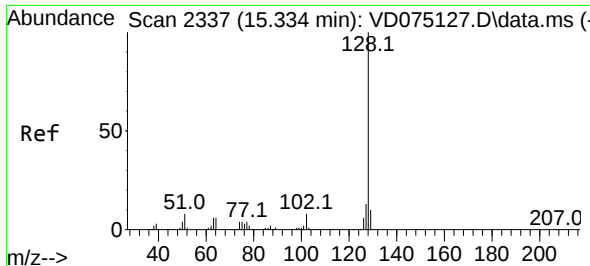
Ion Ratio Lower Upper

225 100

223 58.9 31.8 95.4

227 49.9 30.7 92.1

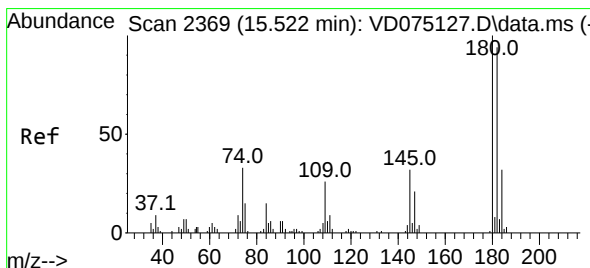
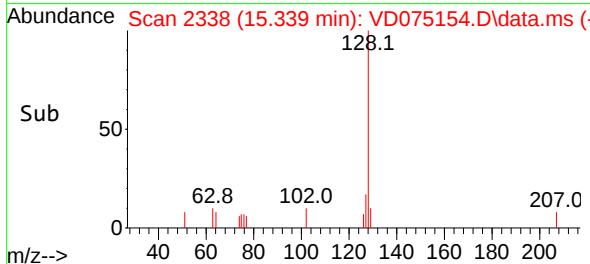
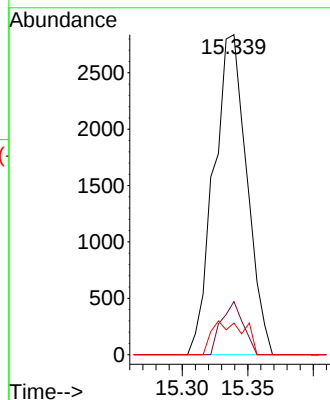
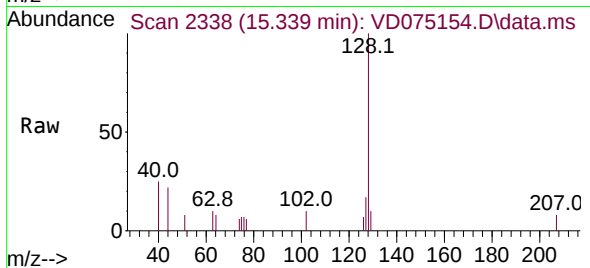




#95
Naphthalene
Concen: 2.434 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
MDL05

Tgt Ion:128	Resp:	4972
Ion	Ratio	Lower Upper
128	100	
127	11.0	10.6 15.8
129	10.4	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.198 ug/l
RT: 15.534 min Scan# 2371
Delta R.T. 0.012 min
Lab File: VD075154.D
Acq: 20 Jan 2023 15:35

Tgt Ion:180	Resp:	1924
Ion	Ratio	Lower Upper
180	100	
182	95.0	47.0 141.0
145	28.6	16.1 48.3

