

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075850.D
 Acq On : 26 Apr 2023 22:30
 Operator : KP/SY
 Sample : 02447-18MS
 Misc : 4.42G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MS

Quant Time: Apr 27 02:07:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	279350	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	68015	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	166039	27.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.360%
7) Chloroethane-d5	2.805	69	147872	27.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.720%
11) 1,1-Dichloroethene-d2	3.922	65	38358	27.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.600%
21) 2-Butanone-d5	6.987	46	23884	44.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.780%
24) Chloroform-d	7.569	84	197404	28.259	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.040%
26) 1,2-Dichloroethane-d4	8.228	65	79928	26.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	8.205	84	404366	31.837	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.360%
36) 1,2-Dichloropropane-d6	9.210	67	113762	32.360	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.440%#
41) Toluene-d8	10.269	98	347383	29.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.840%
43) trans-1,3-Dichloroprop...	10.528	79	39495	27.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.720%
47) 2-Hexanone-d5	10.881	63	21310	50.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69106	25.689	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	59768	24.844	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	132068	34.294	ug/L	99
3) Chloromethane	2.146	50	168511	31.389	ug/L	100
5) Vinyl chloride	2.281	62	209202	29.817	ug/L	99
6) Bromomethane	2.693	94	127804	27.108	ug/L	95
8) Chloroethane	2.840	64	137222	30.241	ug/L	91
9) Trichlorofluoromethane	3.175	101	171070	30.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	110236	29.106	ug/L	98
12) 1,1-Dichloroethene	3.940	96	111036	30.230	ug/L	89
13) Acetone	4.022	43	23729	52.120	ug/L	95
14) Carbon disulfide	4.275	76	335716	26.168	ug/L	99
15) Methyl Acetate	4.569	43	23128	23.440	ug/L #	65
16) Methylene chloride	4.805	84	136286	24.049	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	114516	27.805	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	180337	27.297	ug/L	99
19) 1,1-Dichloroethane	6.111	63	187775	31.122	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	120958	27.775	ug/L	94
22) 2-Butanone	7.087	43	30900	52.061	ug/L	97
23) Bromochloromethane	7.434	128	58328	28.880	ug/L	91
25) Chloroform	7.599	83	198565	29.365	ug/L	97

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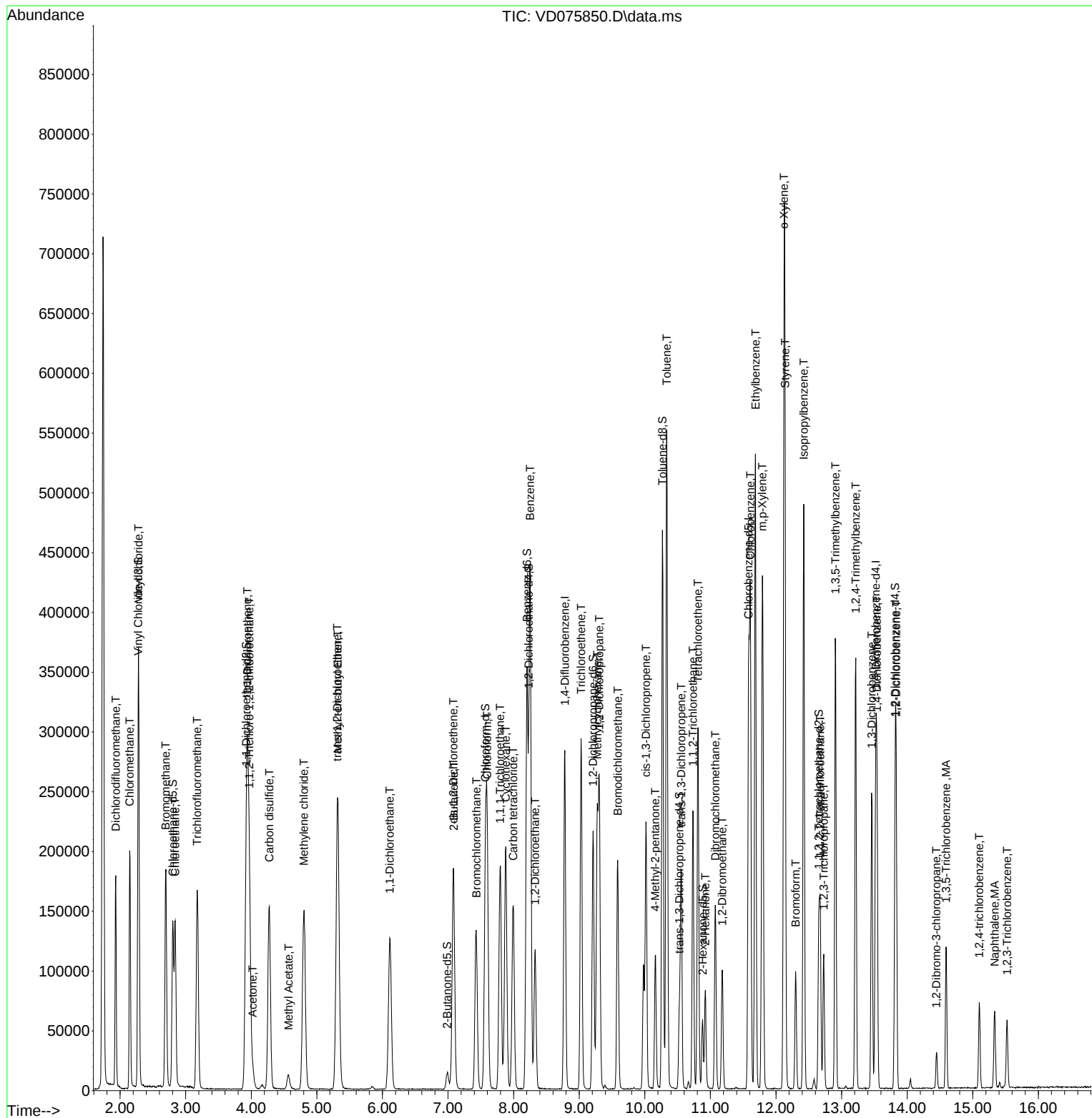
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102586	29.391	ug/L	98
29) Cyclohexane	7.881	56	105000	28.147	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	158453	34.368	ug/L	98
31) Carbon tetrachloride	7.993	117	124372	33.623	ug/L	99
33) Benzene	8.252	78	452249	34.310	ug/L	100
34) Trichloroethene	9.028	95	103924	30.487	ug/L	95
35) Methylcyclohexane	9.275	83	103457	19.685	ug/L	98
37) 1,2-Dichloropropane	9.304	63	107742	35.584	ug/L	99
38) Bromodichloromethane	9.587	83	135647	33.226	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	144383	29.984	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	66198	59.965	ug/L	99
42) Toluene	10.334	91	451870	31.678	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	111326	28.779	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	79230	30.758	ug/L	92
46) Tetrachloroethene	10.810	164	75233	26.908	ug/L	96
48) 2-Hexanone	10.922	43	46818	60.158	ug/L	92
49) Dibromochloromethane	11.075	129	85330	30.429	ug/L	97
50) 1,2-Dibromoethane	11.181	107	70352	30.293	ug/L #	93
51) Chlorobenzene	11.610	112	247263	26.497	ug/L	99
52) Ethylbenzene	11.687	91	393368	26.893	ug/L	98
53) m,p-Xylene	11.793	106	159049	27.307	ug/L	94
54) o-Xylene	12.122	106	154987	28.016	ug/L	99
55) Styrene	12.140	104	241113	25.042	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	72652	27.720	ug/L #	94
59) Bromoform	12.298	173	44672	42.855	ug/L	99
60) Isopropylbenzene	12.422	105	325503	36.092	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	47346	44.313	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	211237	31.411	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	205132	31.643	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	115356	26.733	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	113303	25.018	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	102912	26.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	7945	37.197	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.592	180	38602	13.347	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	25101	10.472	ug/L	94
71) Naphthalene	15.334	128	63234	14.416	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	21177	9.898	ug/L	99

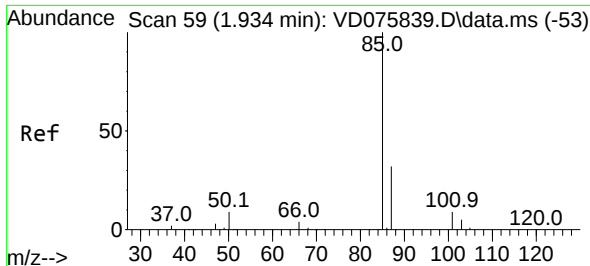
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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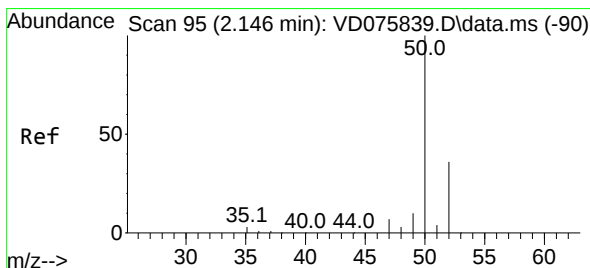
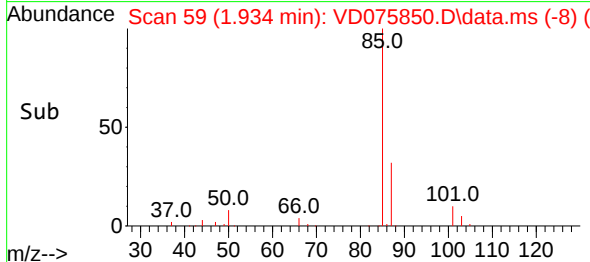
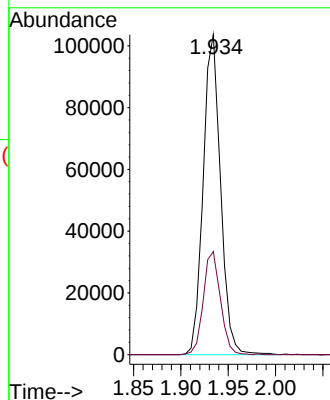
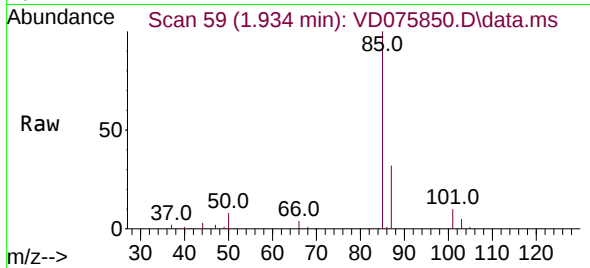




#2
 Dichlorodifluoromethane
 Concen: 34.294 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075850.D
 Acq: 26 Apr 2023 22:30

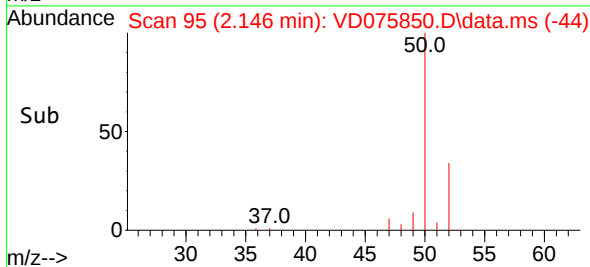
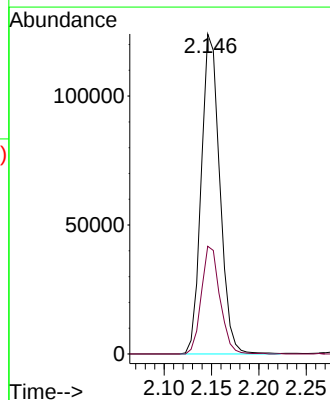
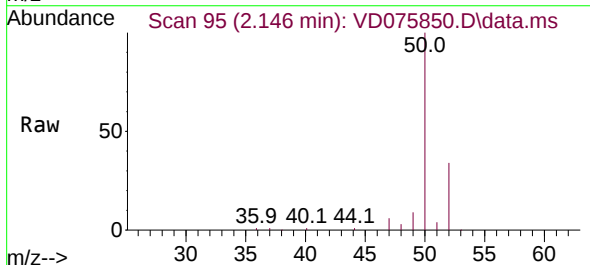
Instrument :
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 ClientSampleId :
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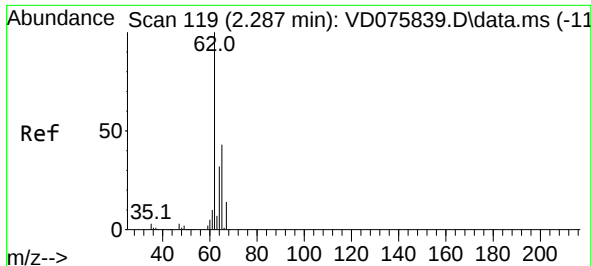
Tgt Ion: 85 Resp: 132068
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.8



#3
 Chloromethane
 Concen: 31.389 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075850.D
 Acq: 26 Apr 2023 22:30

Tgt Ion: 50 Resp: 168511
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 44.1

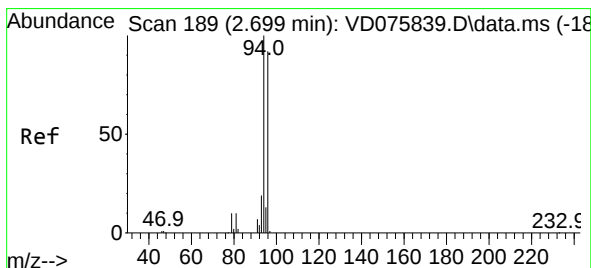
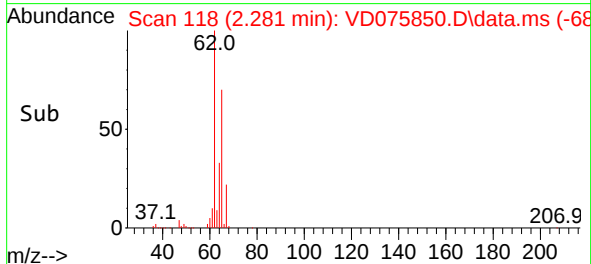
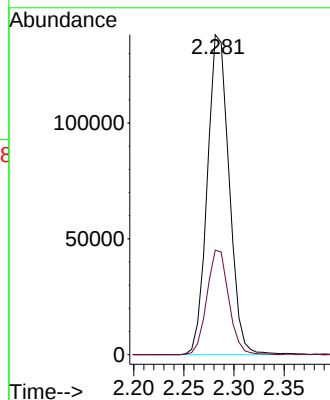
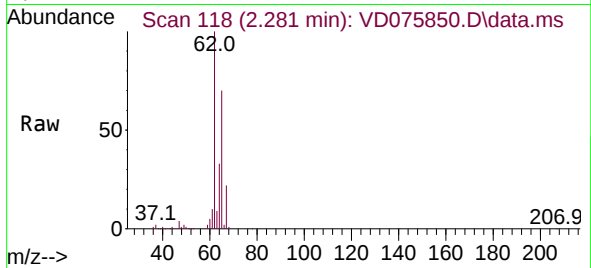




#5
 Vinyl chloride
 Concen: 29.817 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075850.D
 Acq: 26 Apr 2023 22:30

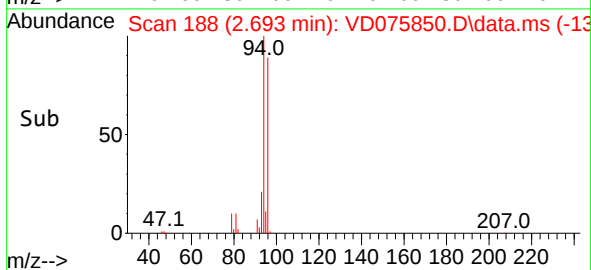
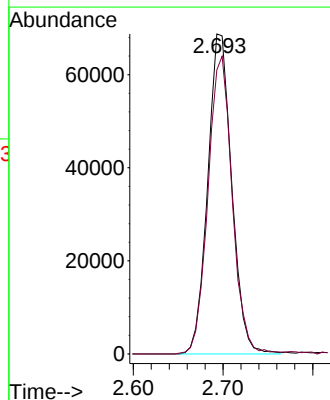
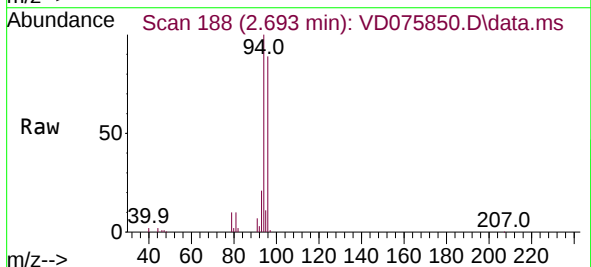
Instrument :
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 ClientSampleId :
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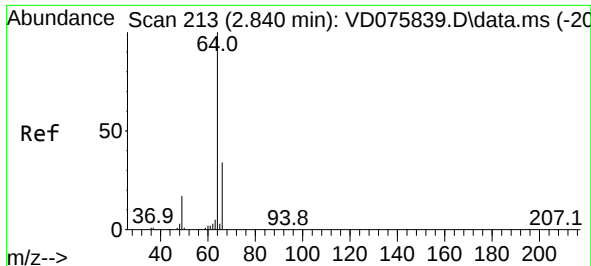
Tgt Ion: 62 Resp: 209202
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.0



#6
 Bromomethane
 Concen: 27.108 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075850.D
 Acq: 26 Apr 2023 22:30

Tgt Ion: 94 Resp: 127804
 Ion Ratio Lower Upper
 94 100
 96 88.7 65.7 121.9

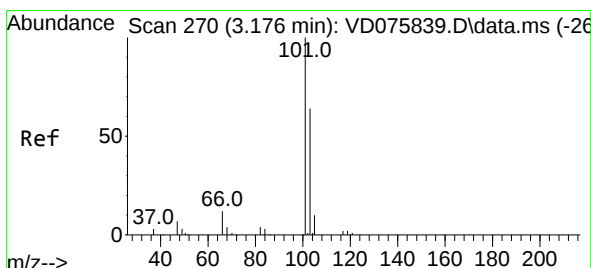
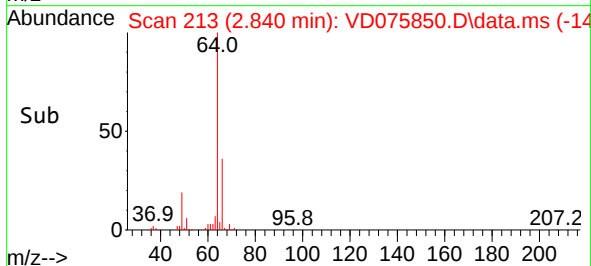
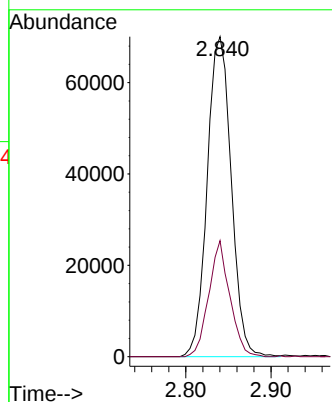
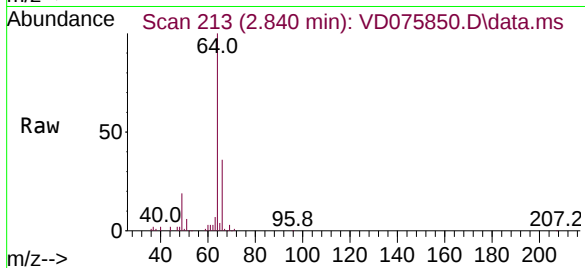




#8
Chloroethane
Concen: 30.241 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

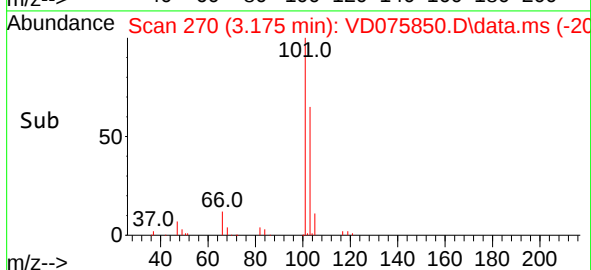
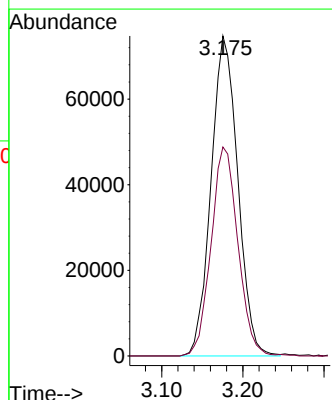
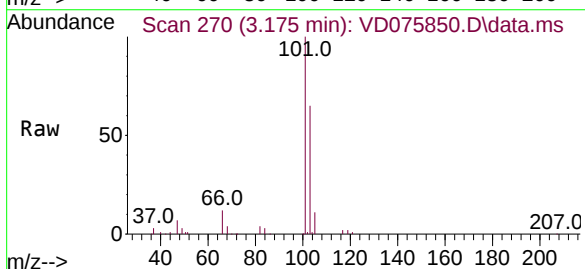
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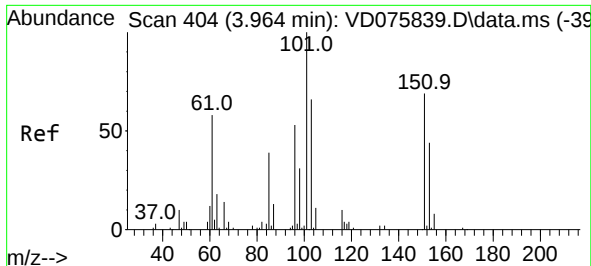
Tgt Ion: 64 Resp: 137222
Ion Ratio Lower Upper
64 100
66 36.3 21.8 40.4



#9
Trichlorofluoromethane
Concen: 30.345 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:101 Resp: 171070
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

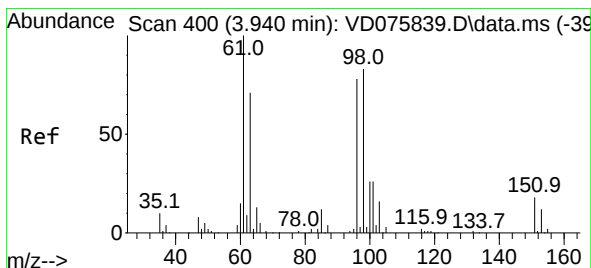
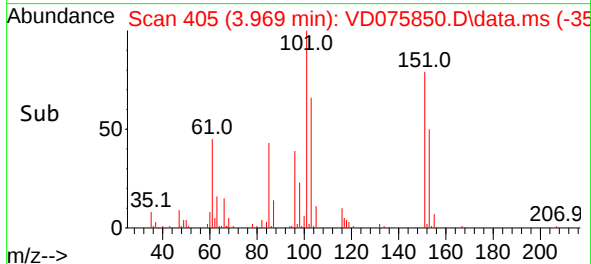
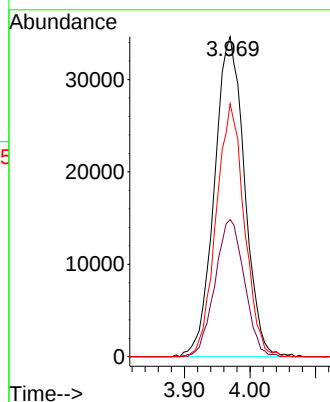
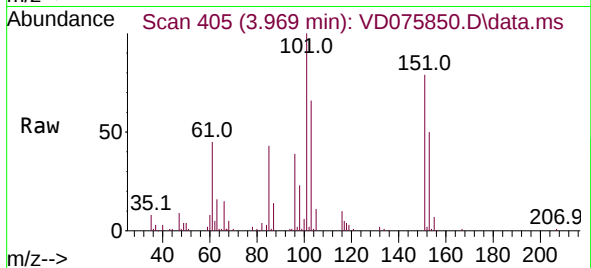




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.106 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075850.D
 Acq: 26 Apr 2023 22:30

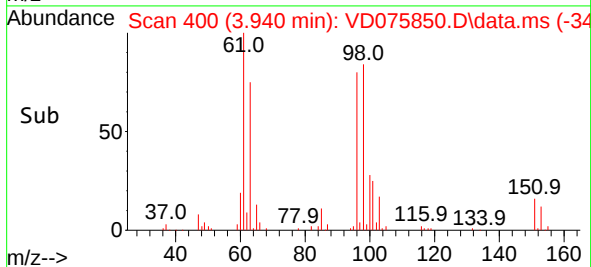
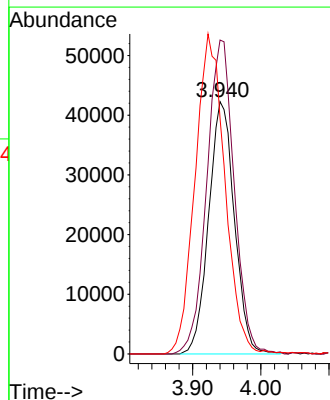
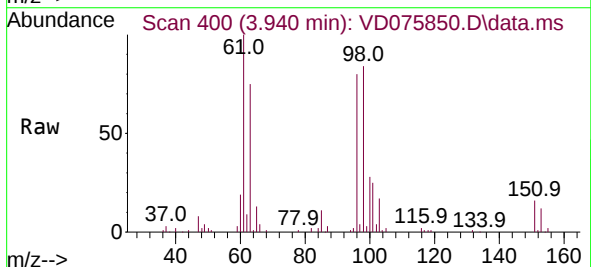
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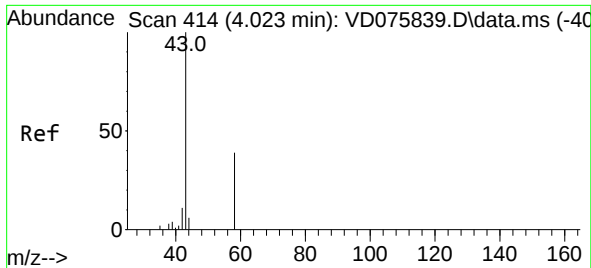
Tgt Ion:101 Resp: 110236
 Ion Ratio Lower Upper
 101 100
 85 41.7 32.9 49.3
 151 73.9 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 30.230 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075850.D
 Acq: 26 Apr 2023 22:30

Tgt Ion: 96 Resp: 111036
 Ion Ratio Lower Upper
 96 100
 61 124.4 92.6 172.0
 63 93.4 77.4 143.8





#13

Acetone

Concen: 52.120 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

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ClientSampleId :

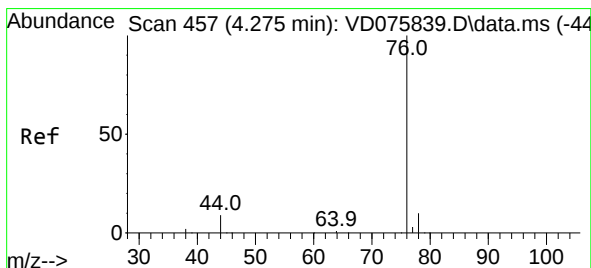
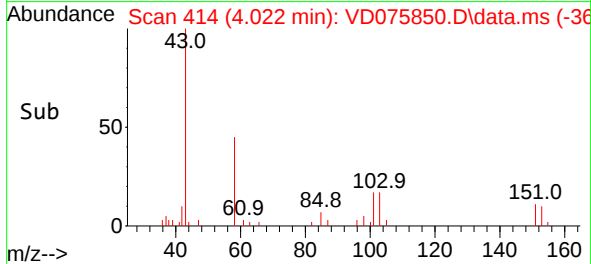
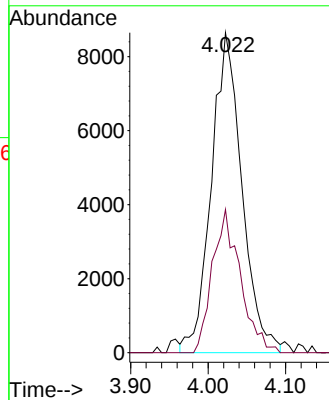
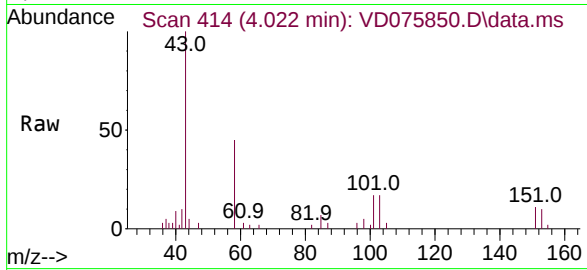
EW937MS

Tgt Ion: 43 Resp: 23729

Ion Ratio Lower Upper

43 100

58 40.4 0.0 87.4



#14

Carbon disulfide

Concen: 26.168 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

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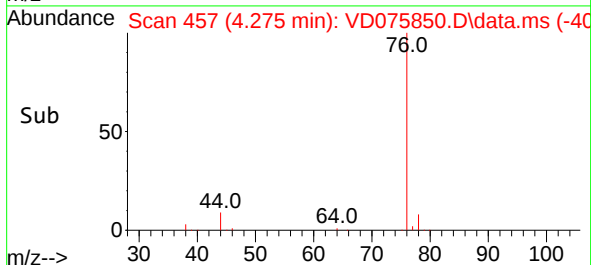
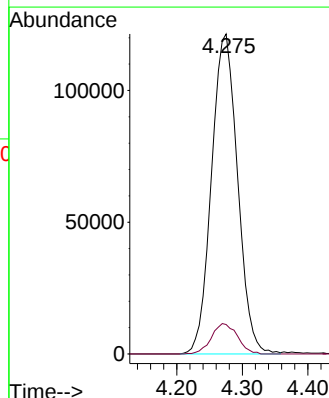
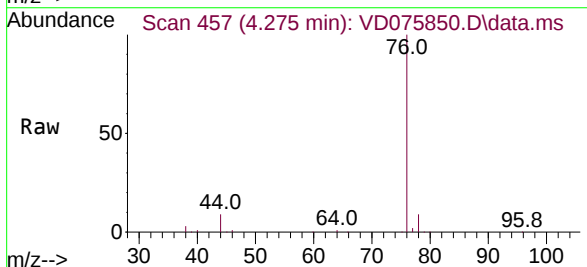
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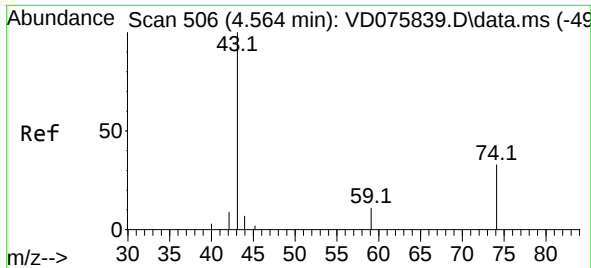
Tgt Ion: 76 Resp: 335716

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

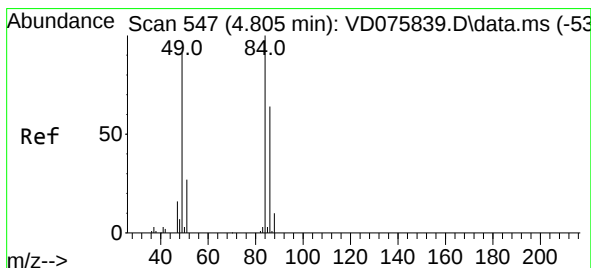
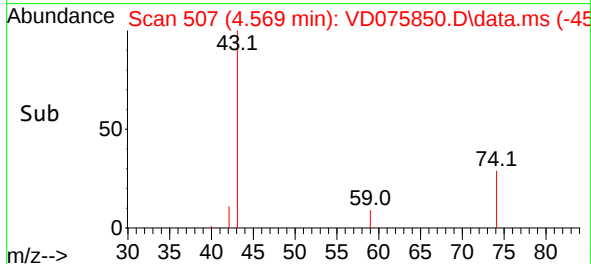
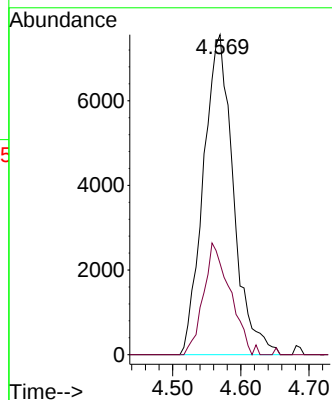
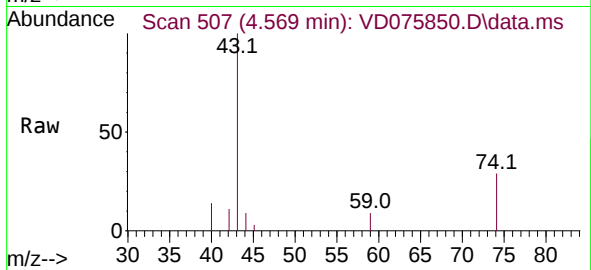




#15
Methyl Acetate
Concen: 23.440 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

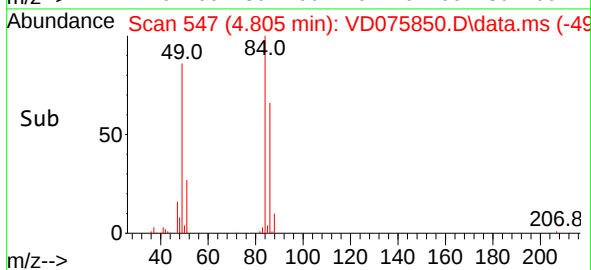
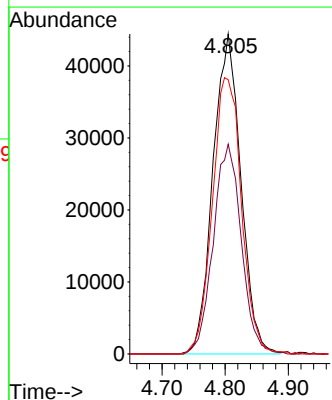
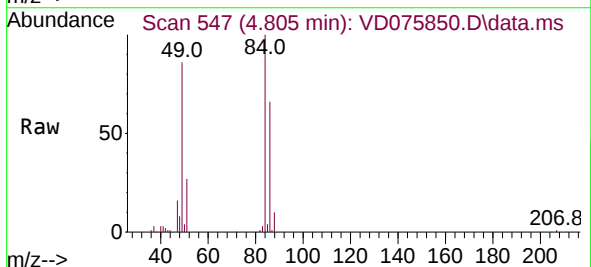
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

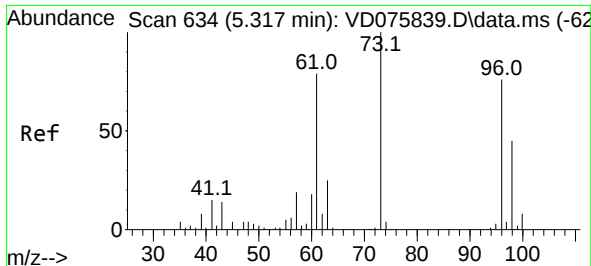
Tgt Ion: 43 Resp: 23128
Ion Ratio Lower Upper
43 100
74 30.9 12.8 19.2#



#16
Methylene chloride
Concen: 24.049 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 84 Resp: 136286
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.2
49 85.7 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 27.805 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

EW937MS

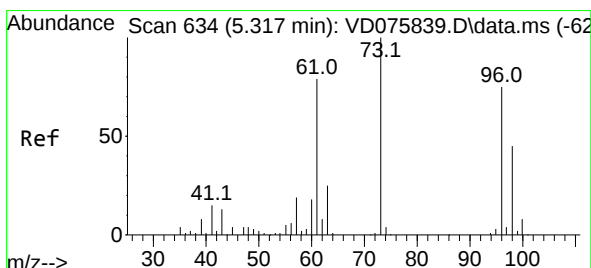
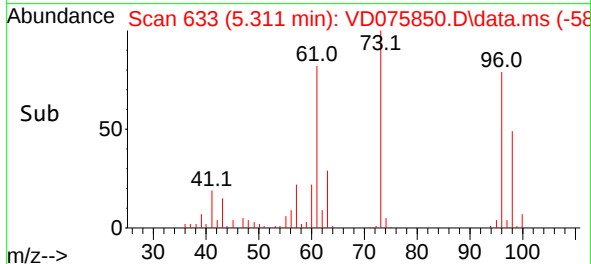
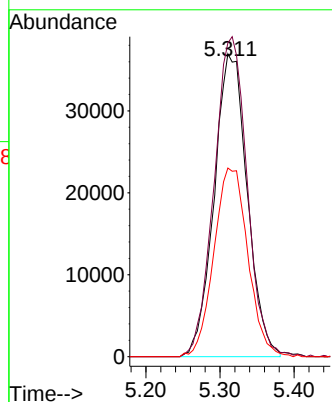
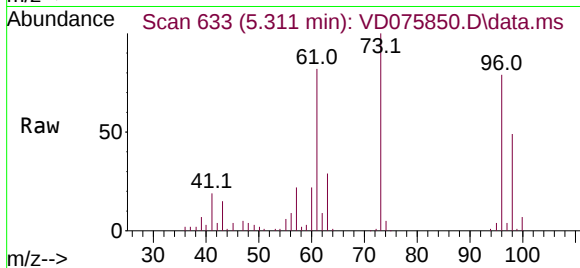
Tgt Ion: 96 Resp: 114516

Ion Ratio Lower Upper

96 100

61 103.6 72.9 135.5

98 62.3 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 27.297 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

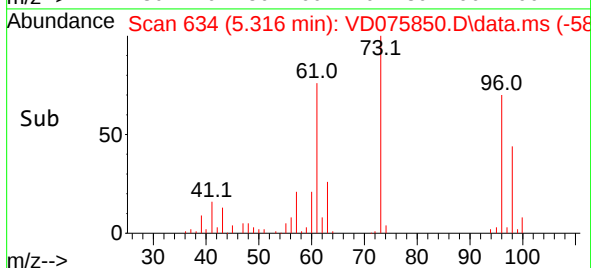
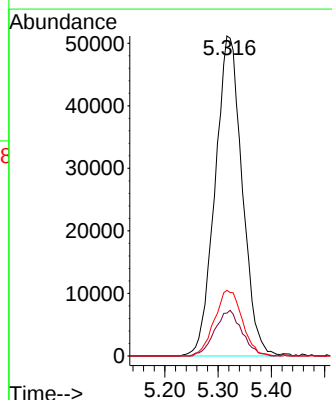
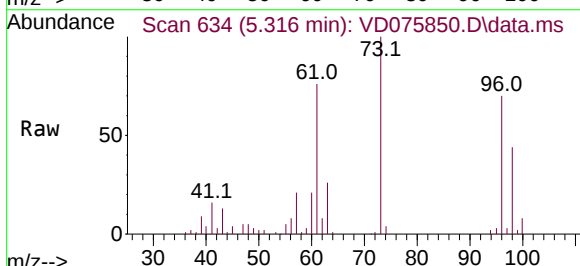
Tgt Ion: 73 Resp: 180337

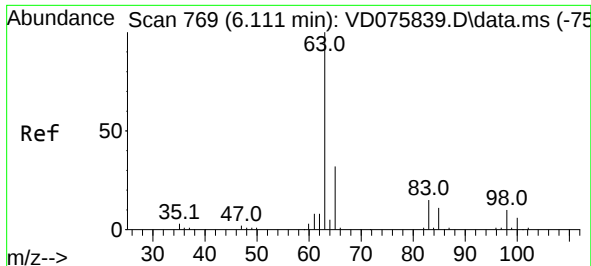
Ion Ratio Lower Upper

73 100

43 14.4 11.3 16.9

57 21.0 16.3 24.5





#19

1,1-Dichloroethane

Concen: 31.122 ug/L

RT: 6.111 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

EW937MS

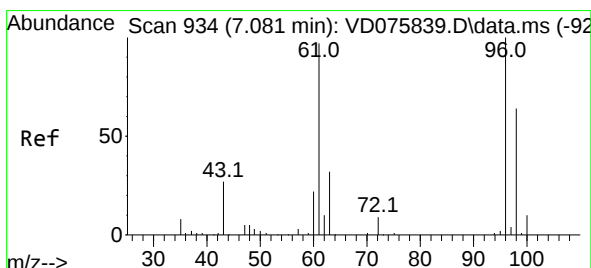
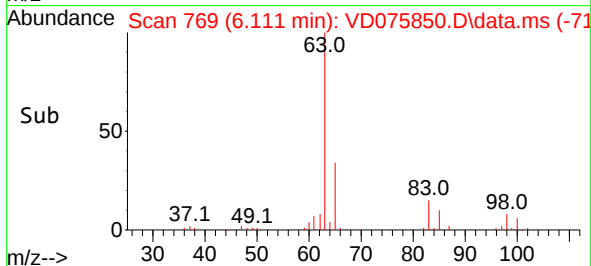
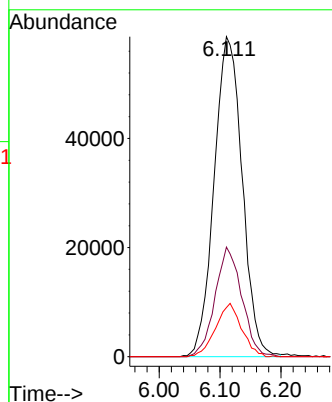
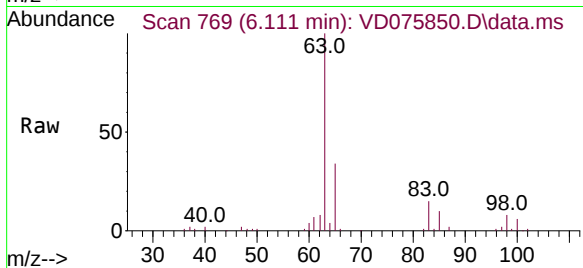
Tgt Ion: 63 Resp: 187775

Ion Ratio Lower Upper

63 100

65 34.3 22.8 42.4

83 15.4 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 27.775 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

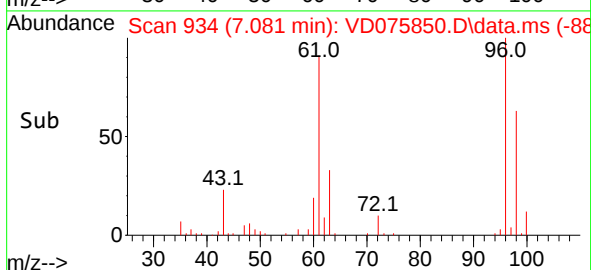
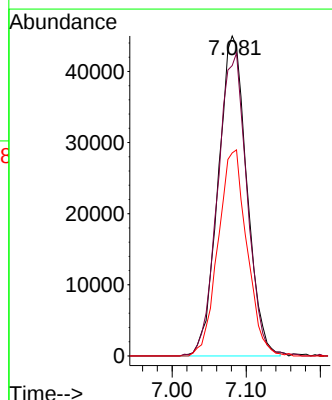
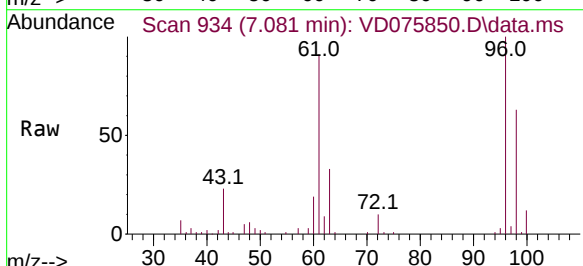
Tgt Ion: 96 Resp: 120958

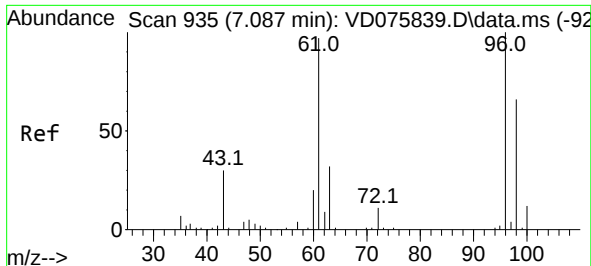
Ion Ratio Lower Upper

96 100

61 90.8 67.5 125.3

98 63.4 47.5 88.1

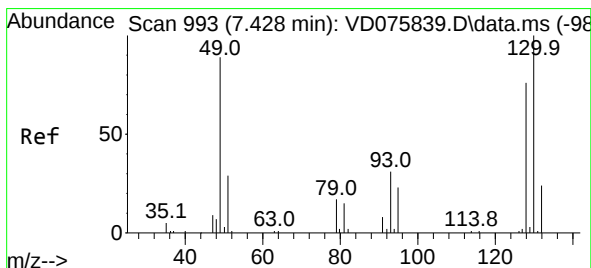
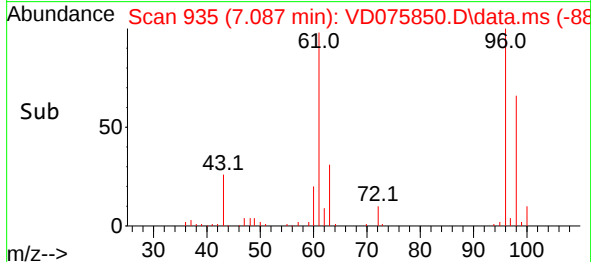
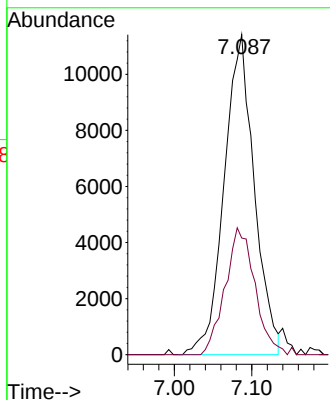
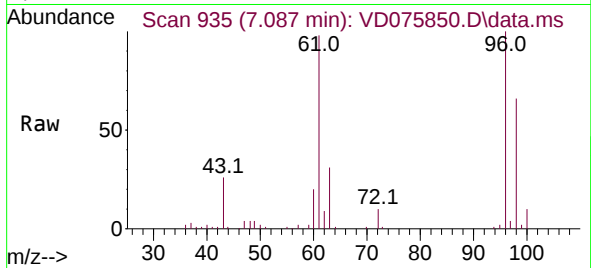




#22
2-Butanone
Concen: 52.061 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

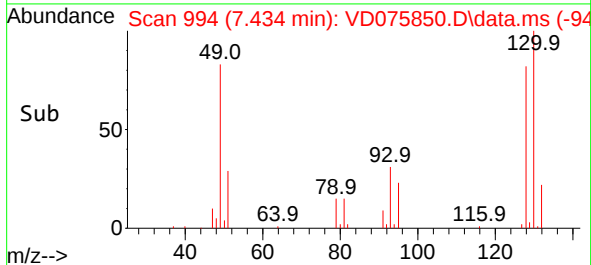
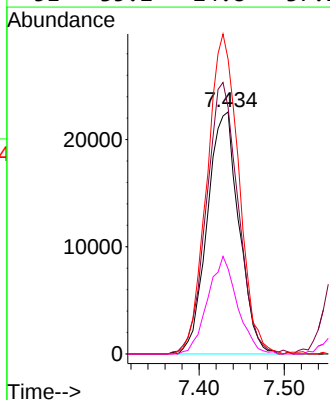
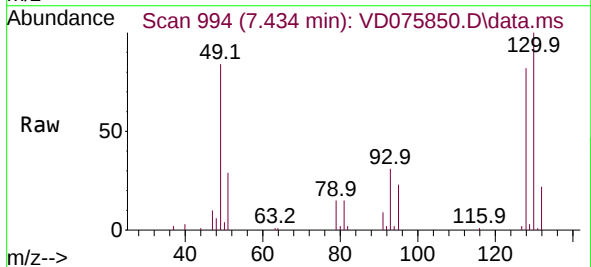
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

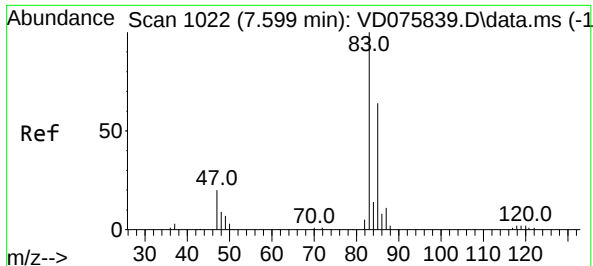
Tgt Ion: 43 Resp: 30900
Ion Ratio Lower Upper
43 100
72 39.1 20.5 61.5



#23
Bromochloromethane
Concen: 28.880 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:128 Resp: 58328
Ion Ratio Lower Upper
128 100
49 101.8 76.4 142.0
130 121.7 93.5 173.7
51 35.2 24.8 37.2





#25

Chloroform

Concen: 29.365 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

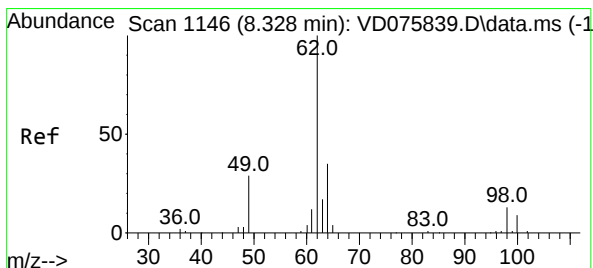
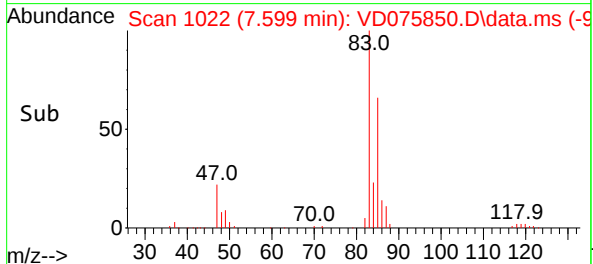
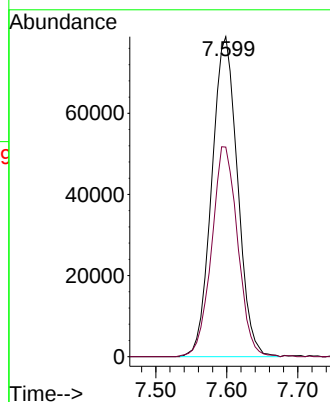
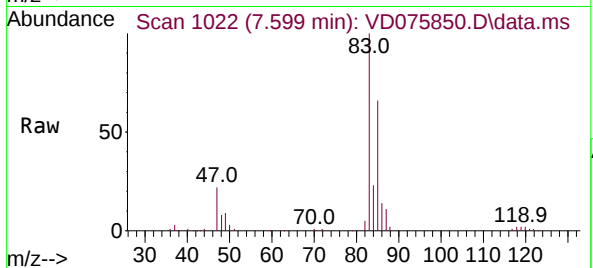
EW937MS

Tgt Ion: 83 Resp: 198565

Ion Ratio Lower Upper

83 100

85 65.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 29.391 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075850.D

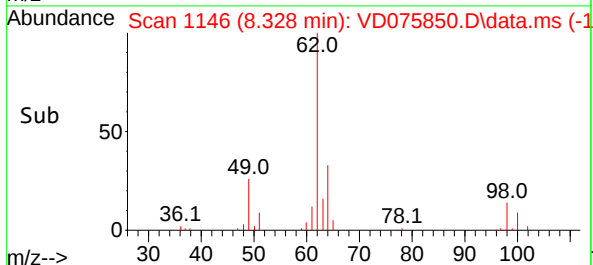
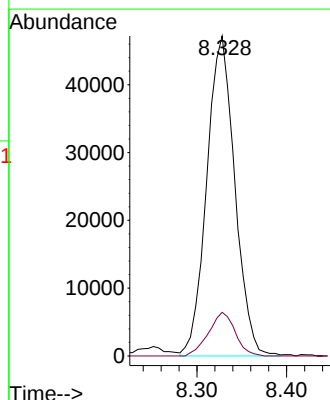
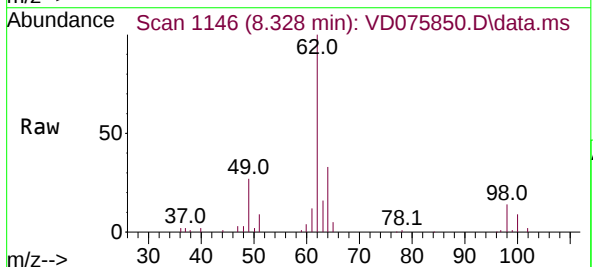
Acq: 26 Apr 2023 22:30

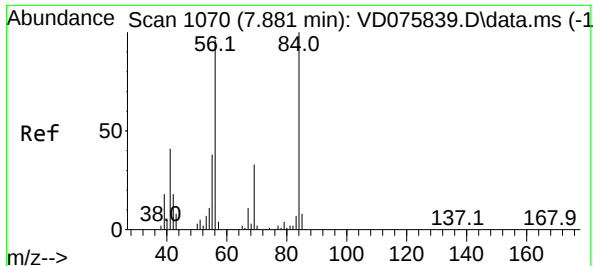
Tgt Ion: 62 Resp: 102586

Ion Ratio Lower Upper

62 100

98 13.7 10.2 15.2





#29

Cyclohexane

Concen: 28.147 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

EW937MS

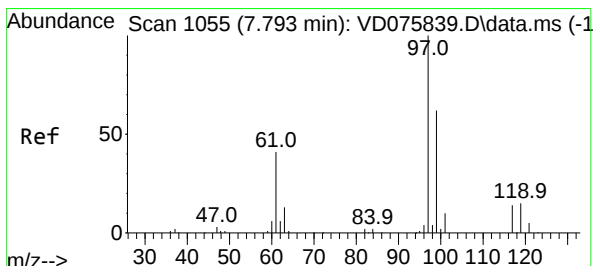
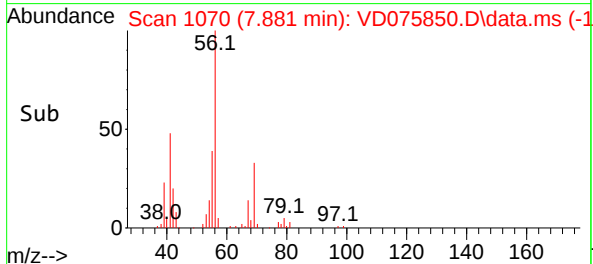
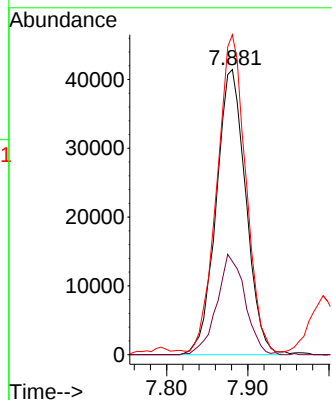
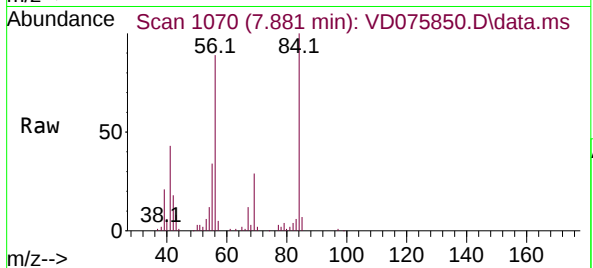
Tgt Ion: 56 Resp: 105000

Ion Ratio Lower Upper

56 100

69 33.5 28.2 42.2

84 110.4 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 34.368 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

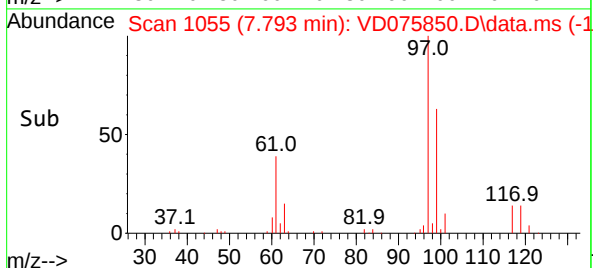
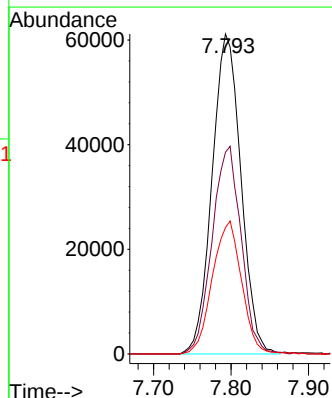
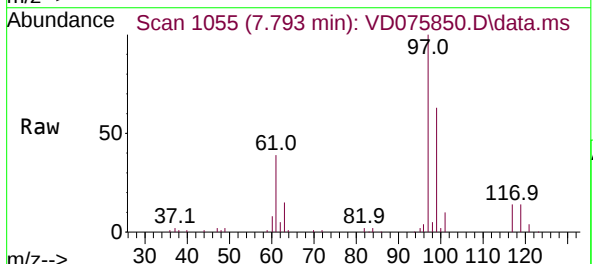
Tgt Ion: 97 Resp: 158453

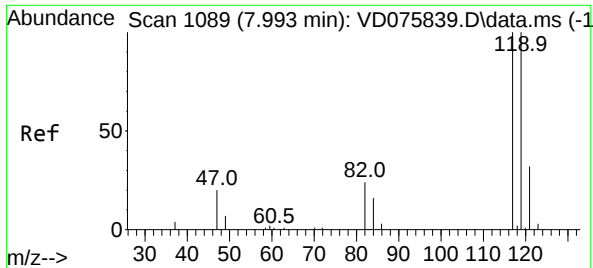
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 42.0 32.1 48.1

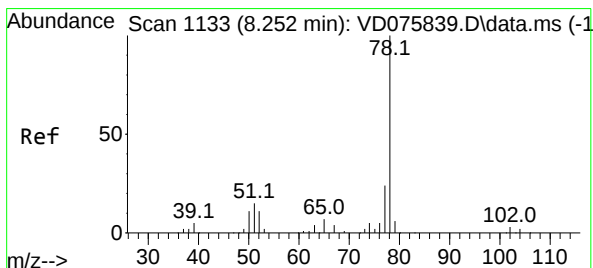
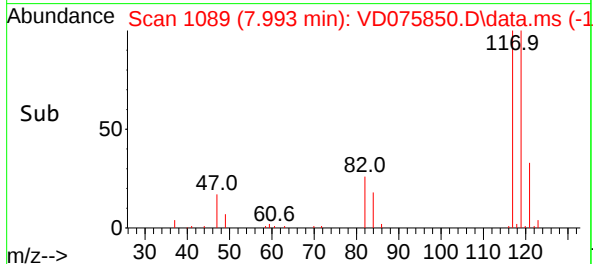
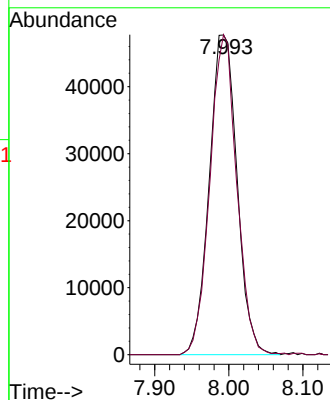
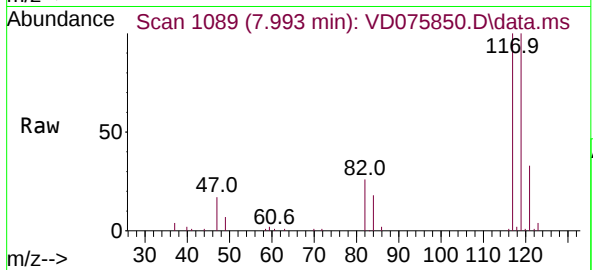




#31
Carbon tetrachloride
Concen: 33.623 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

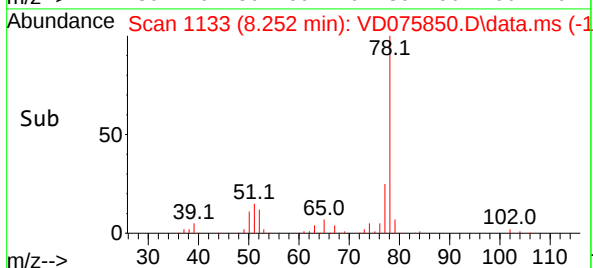
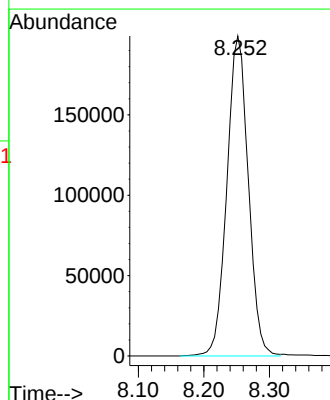
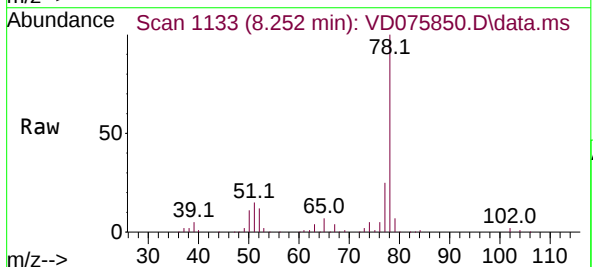
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

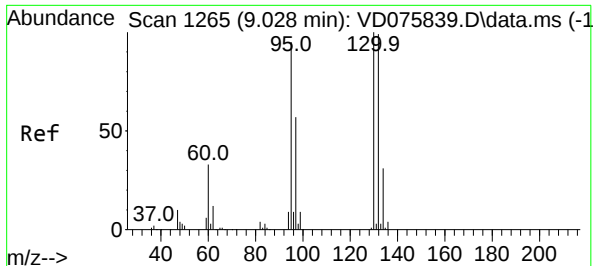
Tgt Ion:117 Resp: 124372
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4



#33
Benzene
Concen: 34.310 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 78 Resp: 452249

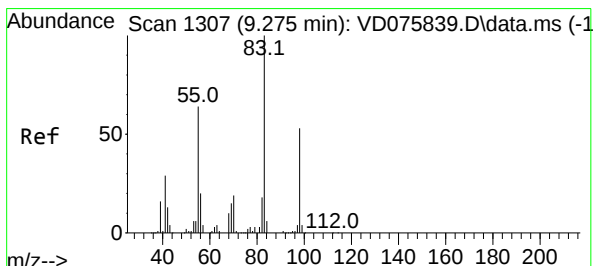
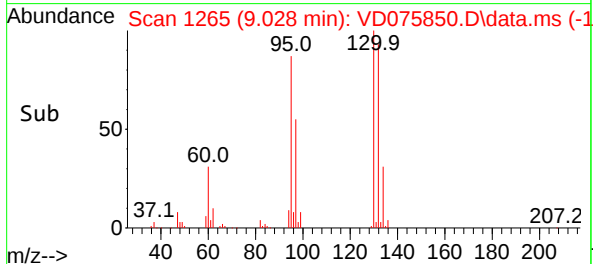
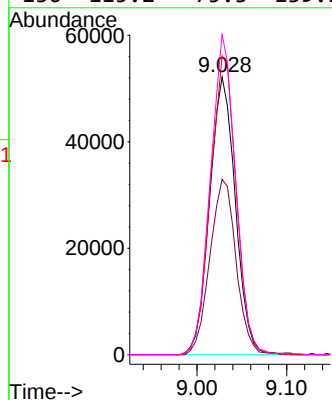
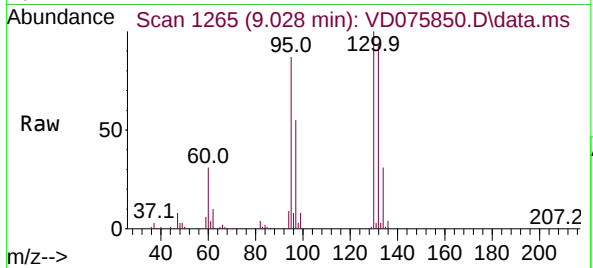




#34
Trichloroethene
Concen: 30.487 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

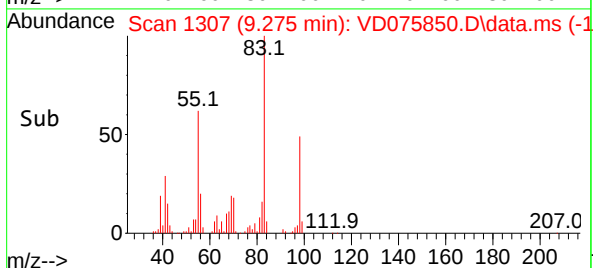
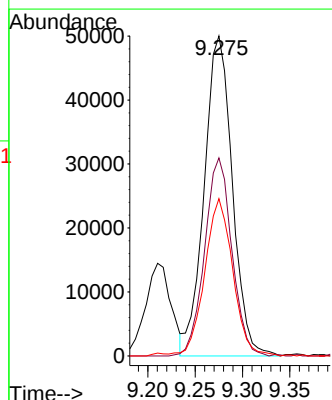
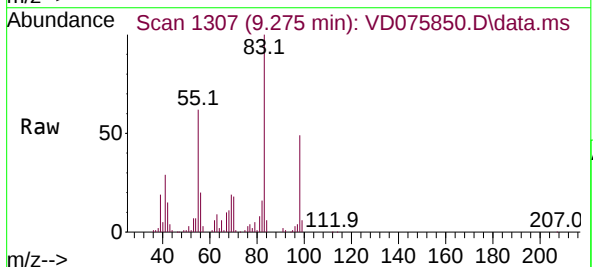
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

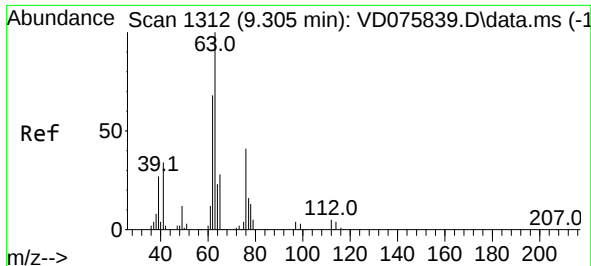
Tgt Ion: 95 Resp: 103924
Ion Ratio Lower Upper
95 100
97 63.1 46.0 85.4
132 107.6 73.3 136.1
130 115.2 75.3 139.9



#35
Methylcyclohexane
Concen: 19.685 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 83 Resp: 103457
Ion Ratio Lower Upper
83 100
55 59.8 48.2 72.2
98 48.9 40.8 61.2





#37

1,2-Dichloropropane

Concen: 35.584 ug/L

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

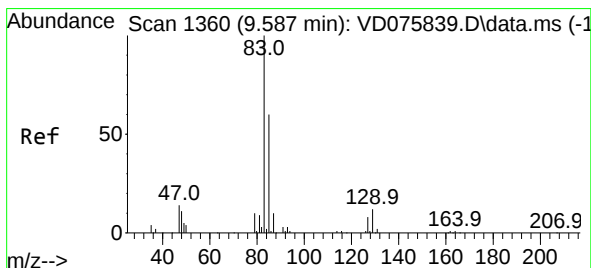
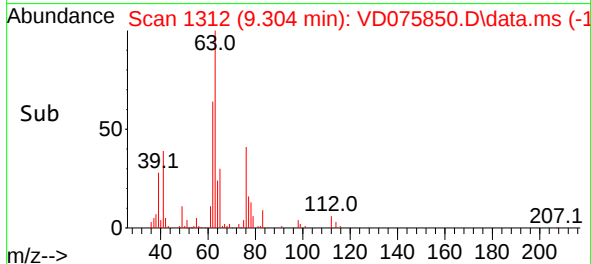
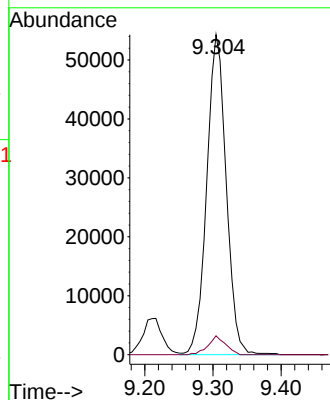
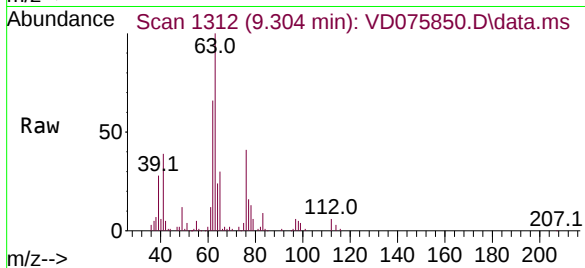
EW937MS

Tgt Ion: 63 Resp: 107742

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 33.226 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

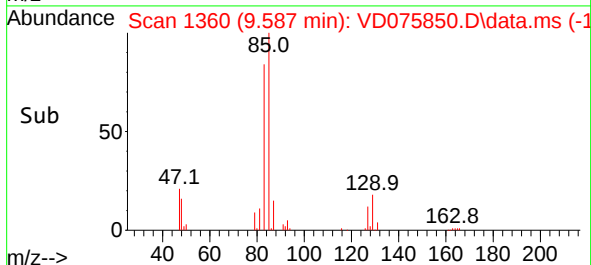
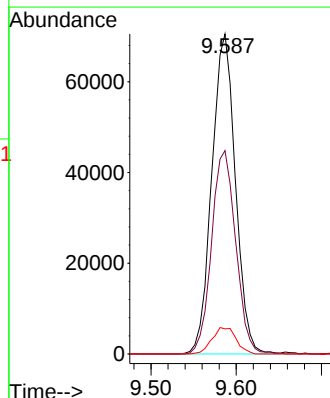
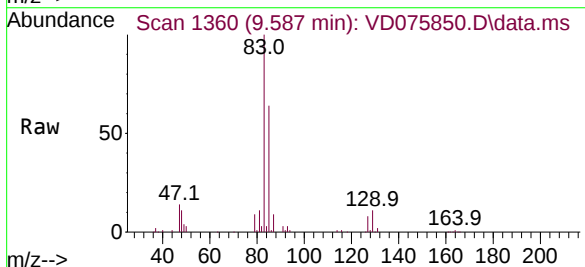
Tgt Ion: 83 Resp: 135647

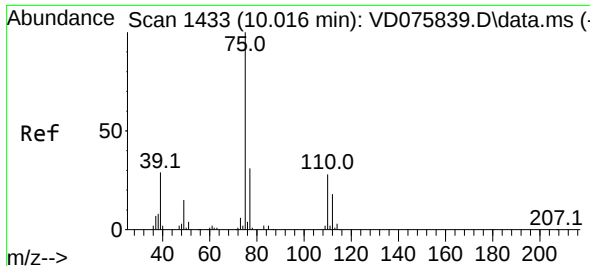
Ion Ratio Lower Upper

83 100

85 63.5 44.2 82.2

127 7.8 6.3 9.5

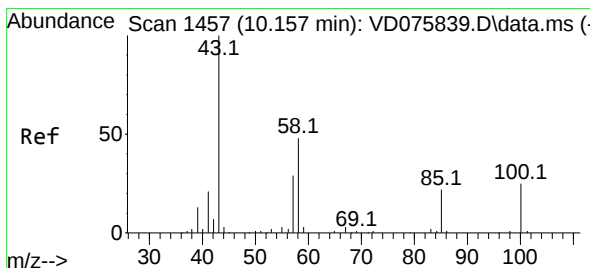
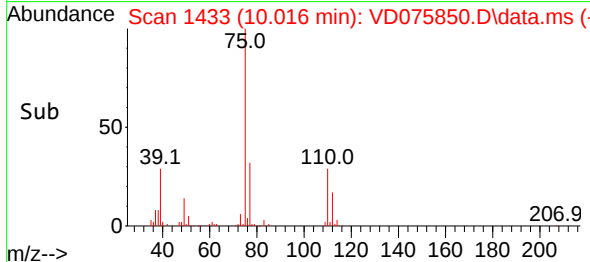
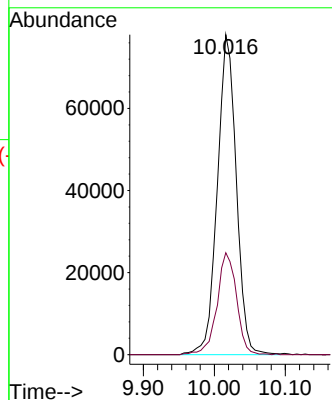
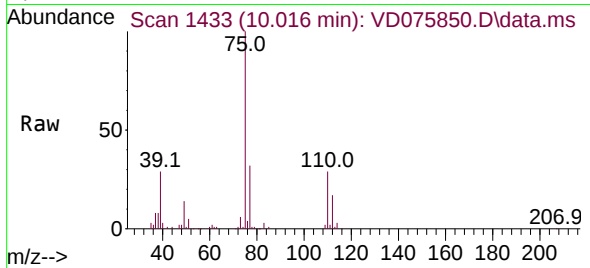




#39
cis-1,3-Dichloropropene
Concen: 29.984 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

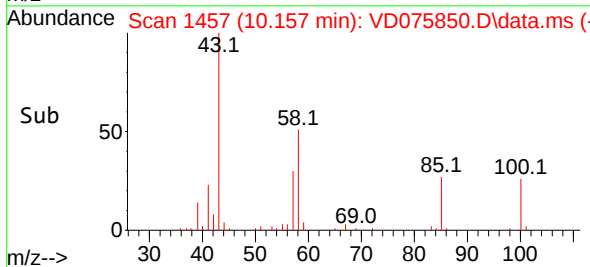
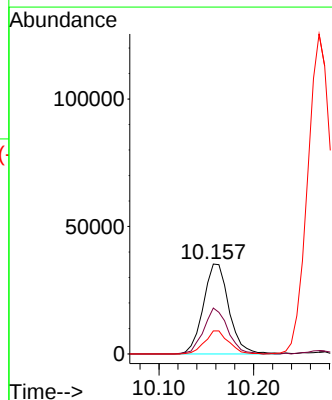
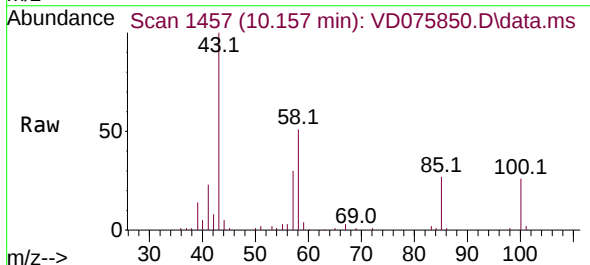
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

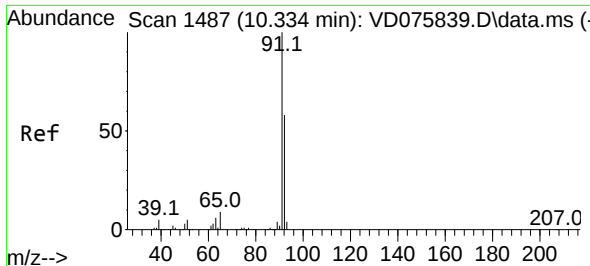
Tgt Ion: 75 Resp: 144383
Ion Ratio Lower Upper
75 100
77 31.8 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 59.965 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 43 Resp: 66198
Ion Ratio Lower Upper
43 100
58 48.0 39.1 58.7
100 23.9 19.4 29.0





#42

Toluene

Concen: 31.678 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

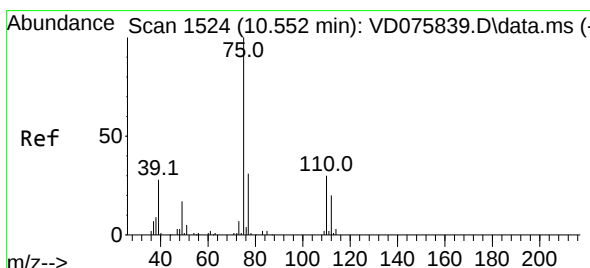
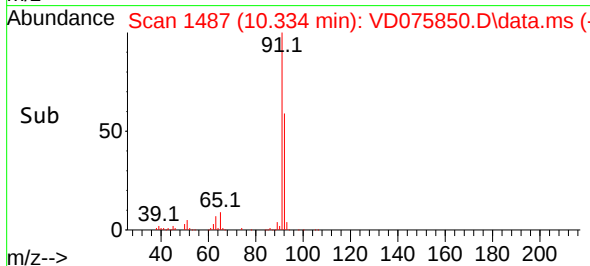
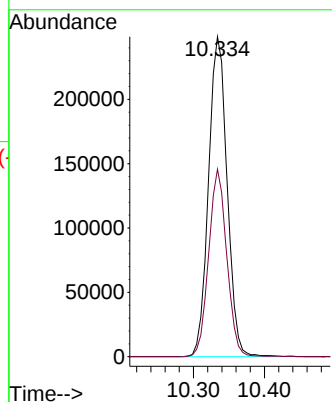
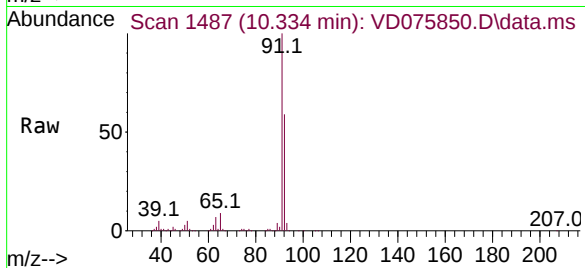
EW937MS

Tgt Ion: 91 Resp: 451870

Ion Ratio Lower Upper

91 100

92 58.6 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 28.779 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075850.D

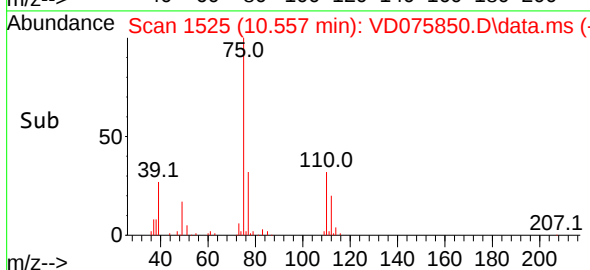
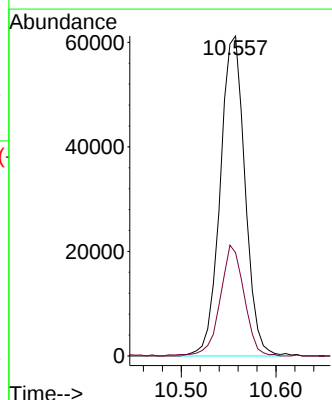
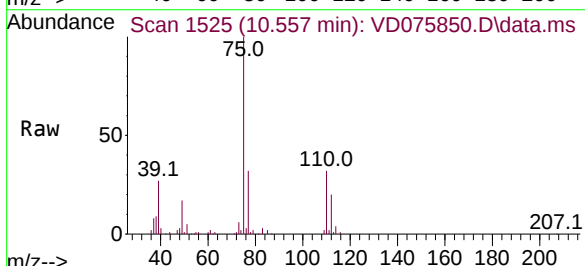
Acq: 26 Apr 2023 22:30

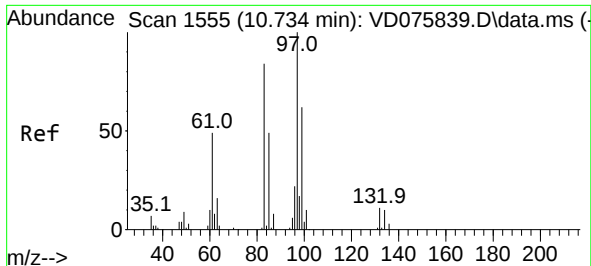
Tgt Ion: 75 Resp: 111326

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0

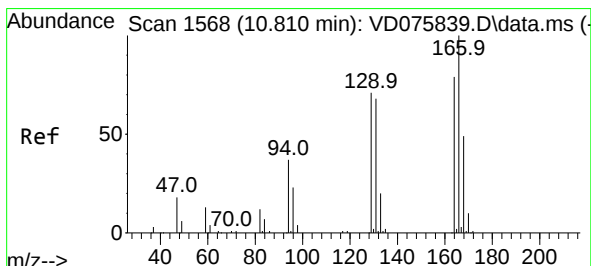
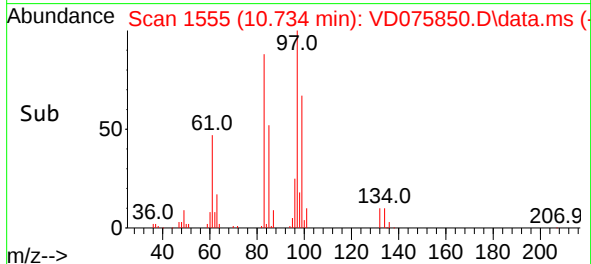
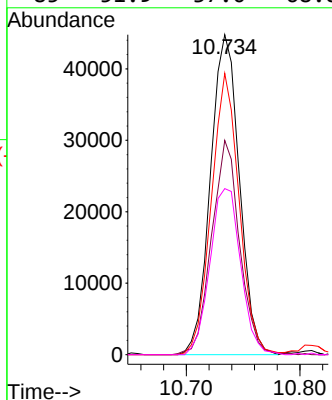
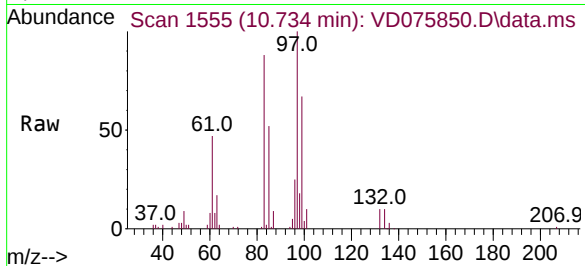




#45
1,1,2-Trichloroethane
Concen: 30.758 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

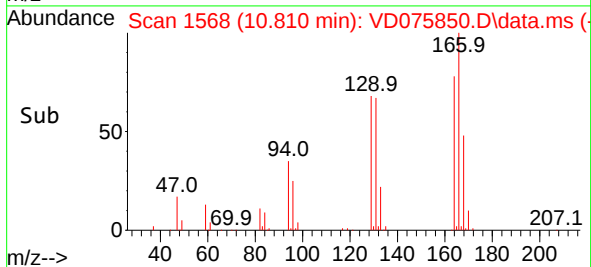
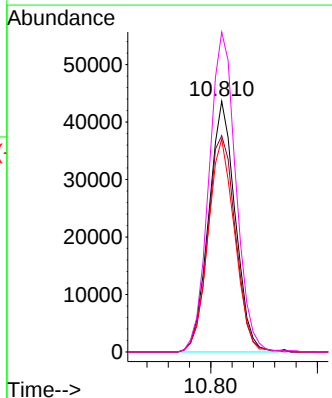
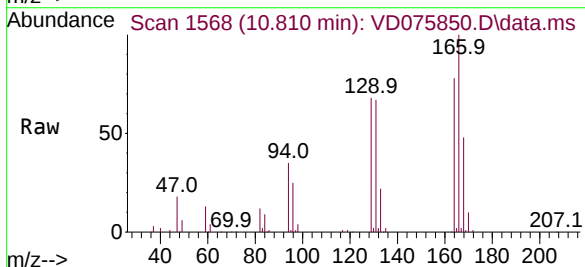
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

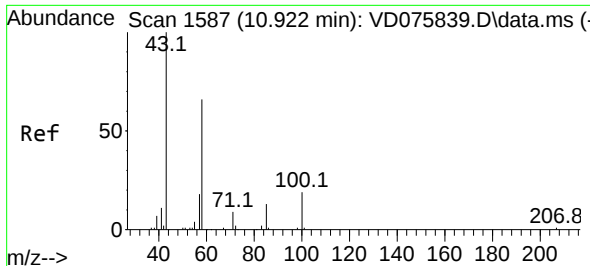
Tgt Ion: 97	Resp: 79230
Ion Ratio	Lower Upper
97 100	
99 66.9	42.2 78.4
83 87.9	54.8 101.8
85 51.9	37.0 68.8



#46
Tetrachloroethene
Concen: 26.908 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt	Ion:164	Resp:	75233
Ion	Ratio	Lower	Upper
164	100		
129	86.2	60.3	112.1
131	84.9	58.9	109.3
166	127.6	83.0	154.1

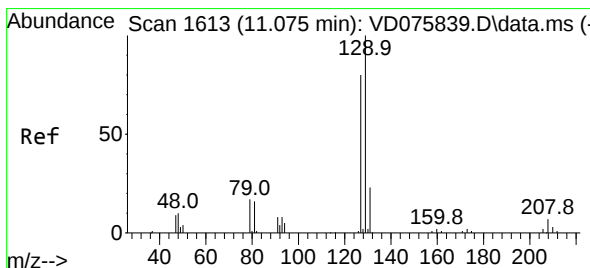
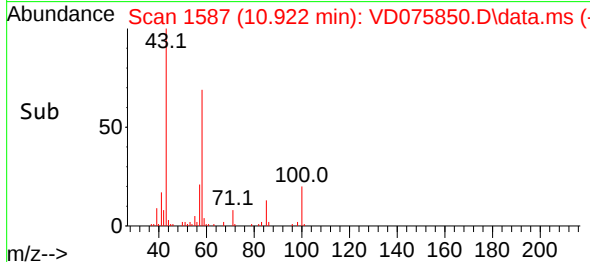
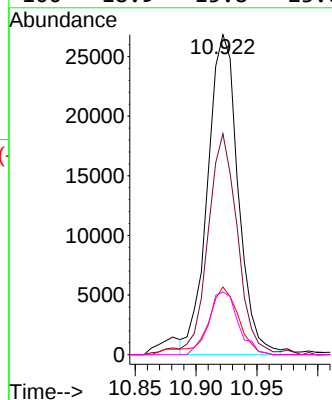
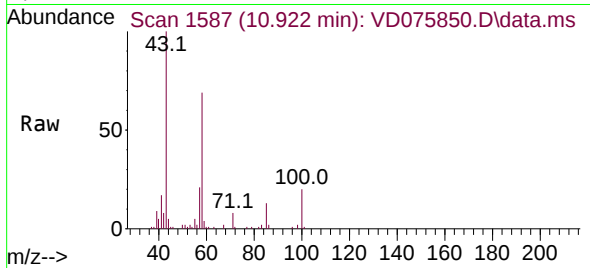




#48
2-Hexanone
Concen: 60.158 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

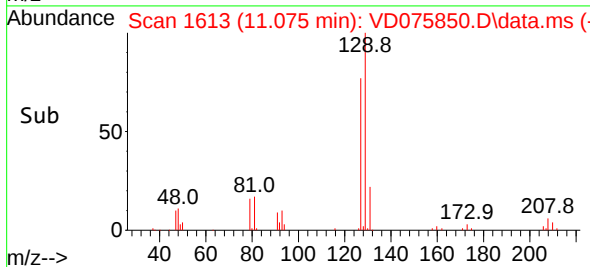
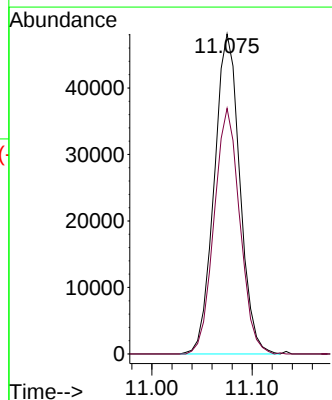
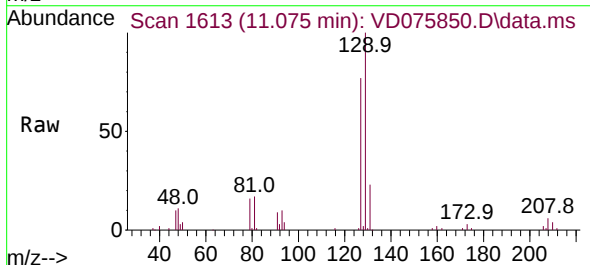
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

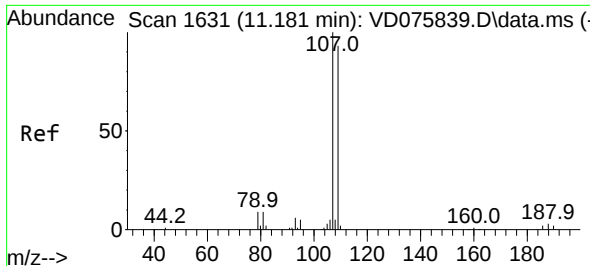
Tgt Ion:	43	Resp:	46818
Ion	Ratio	Lower	Upper
43	100		
58	65.8	59.7	89.5
57	19.9	17.9	26.9
100	18.9	15.8	23.6



#49
Dibromochloromethane
Concen: 30.429 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:	129	Resp:	85330
Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.6	103.4

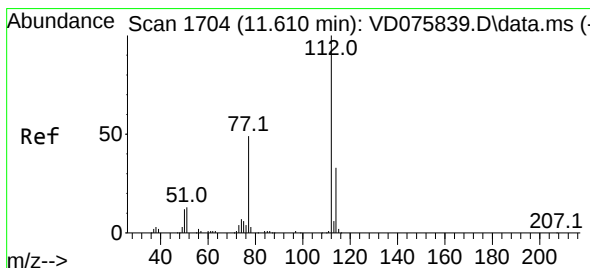
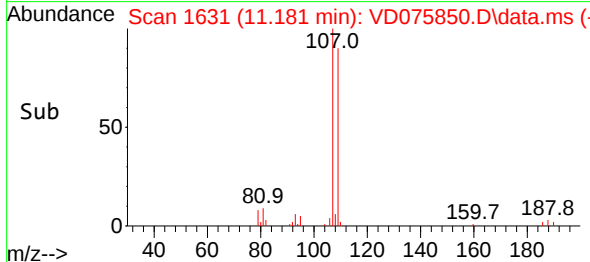
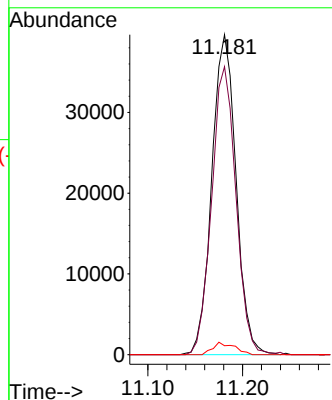
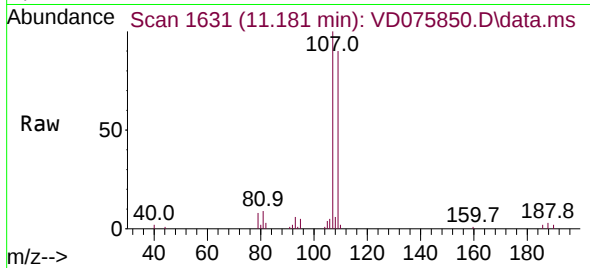




#50
1,2-Dibromoethane
Concen: 30.293 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

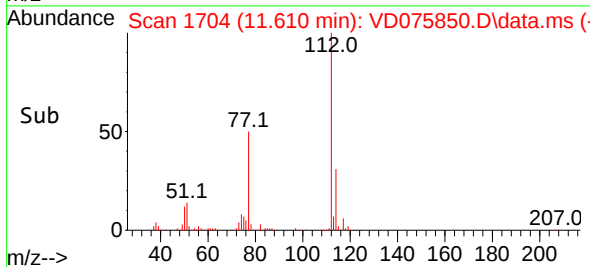
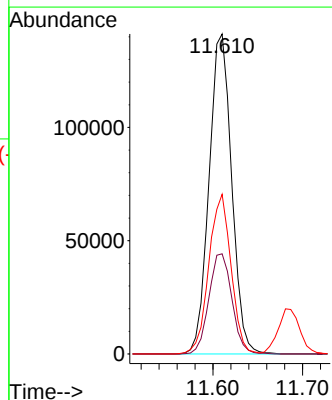
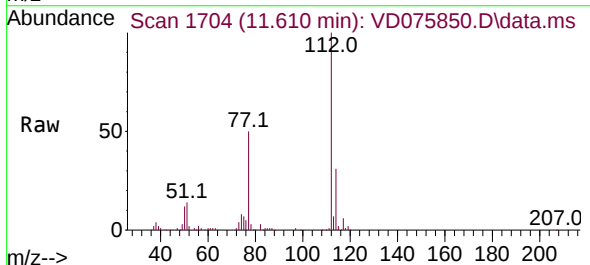
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

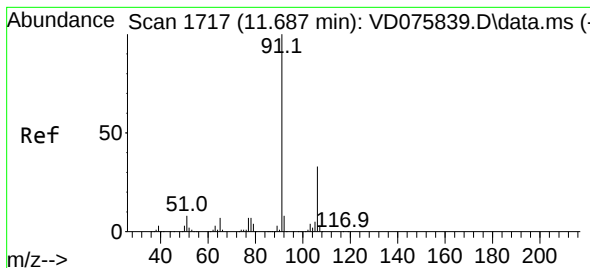
Tgt Ion:107 Resp: 70352
Ion Ratio Lower Upper
107 100
109 90.0 67.6 125.6
188 2.8 3.0 4.6#



#51
Chlorobenzene
Concen: 26.497 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:112 Resp: 247263
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.8
77 49.9 39.7 59.5





#52

Ethylbenzene

Concen: 26.893 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075850.D

Acq: 26 Apr 2023 22:30

Instrument :

MSVOA_D

ClientSampleId :

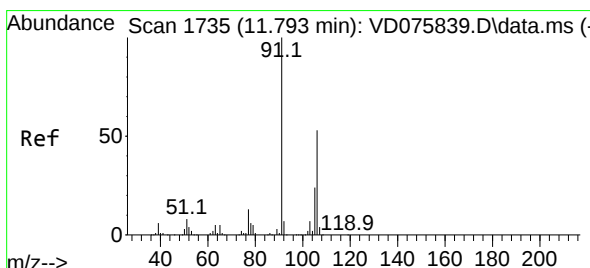
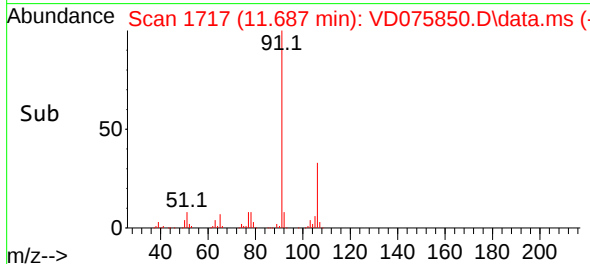
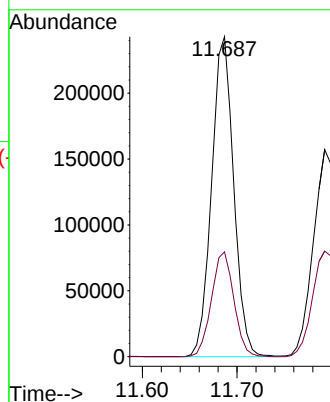
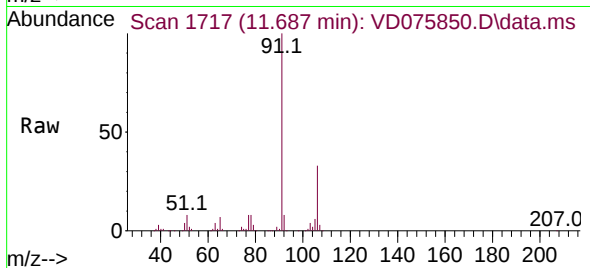
EW937MS

Tgt Ion: 91 Resp: 393368

Ion Ratio Lower Upper

91 100

106 32.7 23.7 43.9



#53

m,p-Xylene

Concen: 27.307 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075850.D

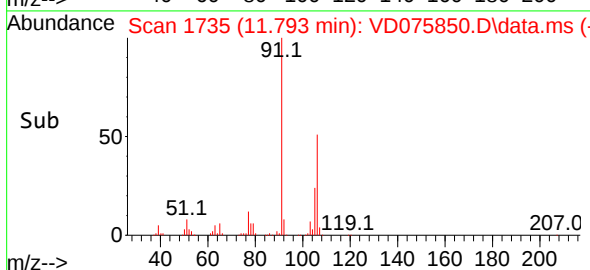
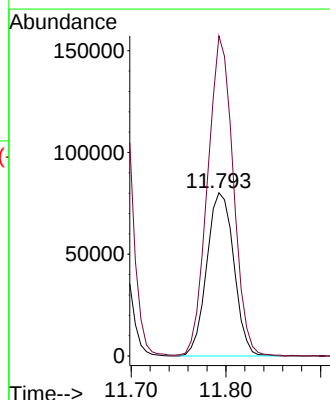
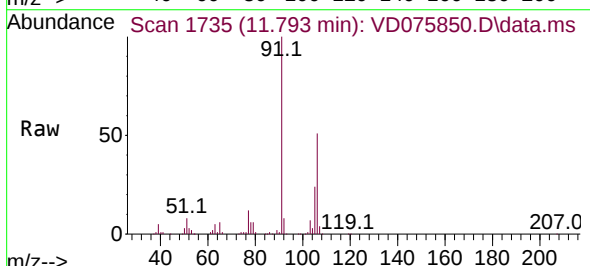
Acq: 26 Apr 2023 22:30

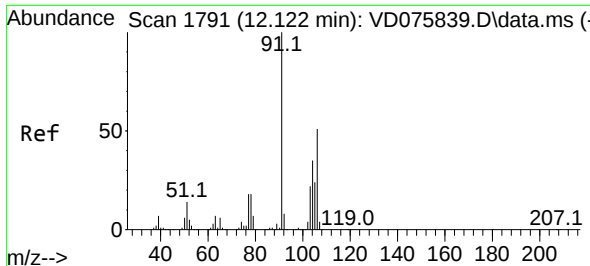
Tgt Ion: 106 Resp: 159049

Ion Ratio Lower Upper

106 100

91 196.1 130.9 243.1

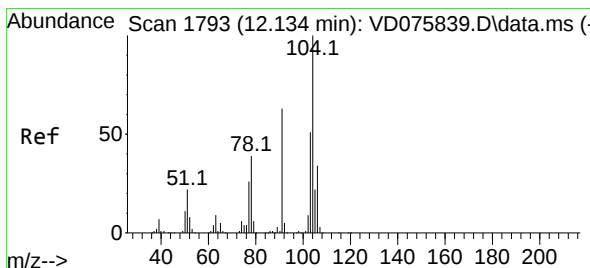
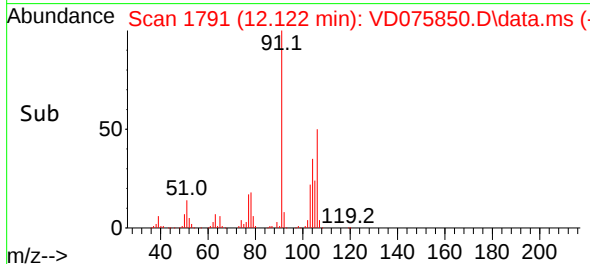
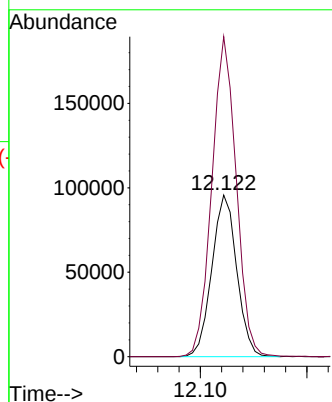
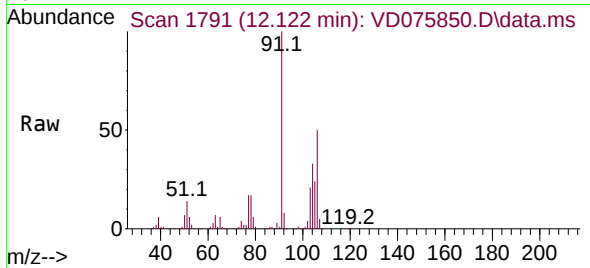




#54
o-Xylene
Concen: 28.016 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

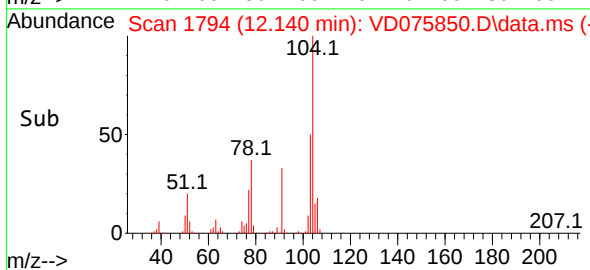
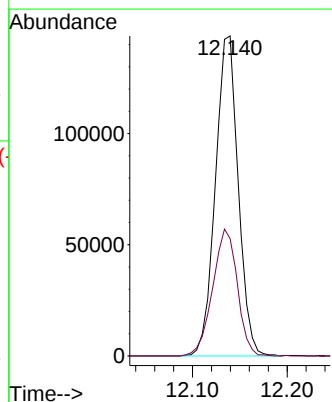
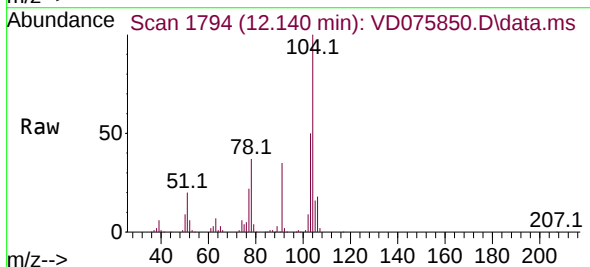
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

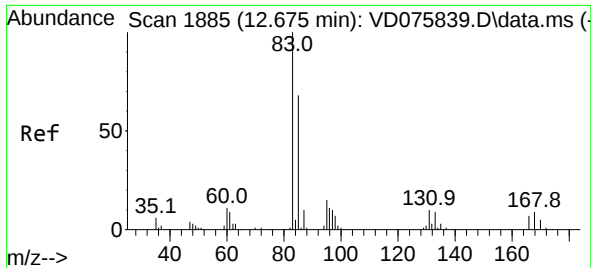
Tgt Ion:106 Resp: 154987
Ion Ratio Lower Upper
106 100
91 198.1 139.8 259.6



#55
Styrene
Concen: 25.042 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:104 Resp: 241113
Ion Ratio Lower Upper
104 100
78 36.7 26.2 48.6

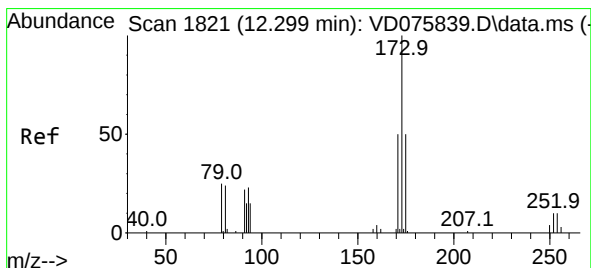
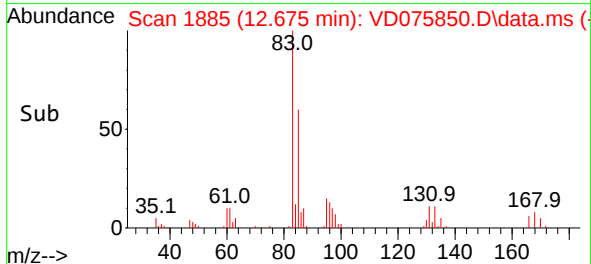
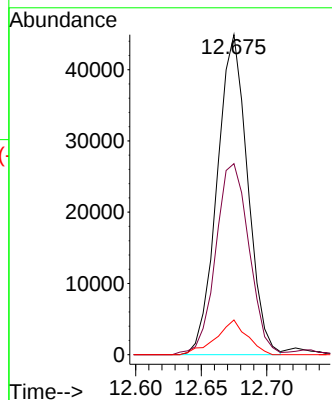
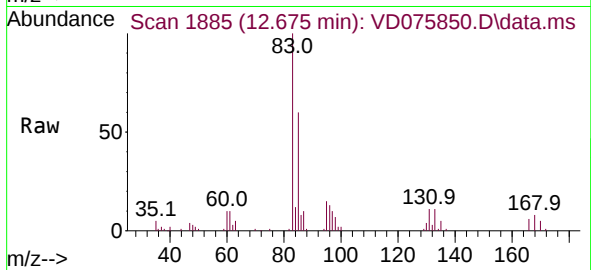




#57
1,1,2,2-Tetrachloroethane
Concen: 27.720 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

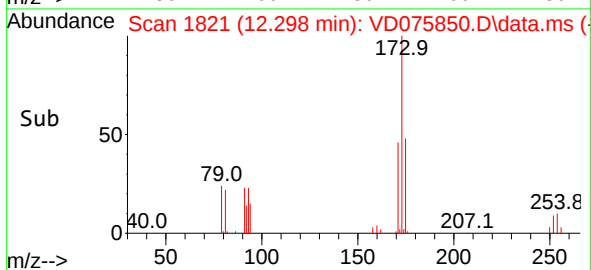
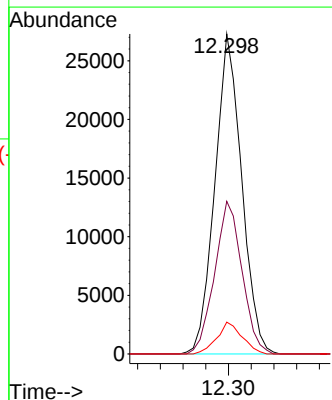
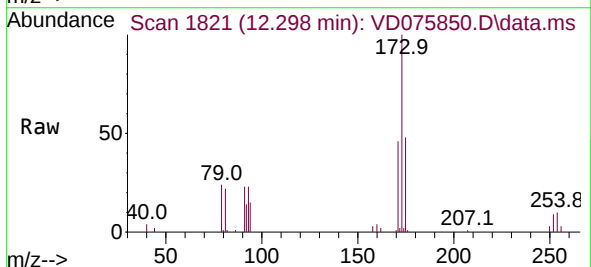
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

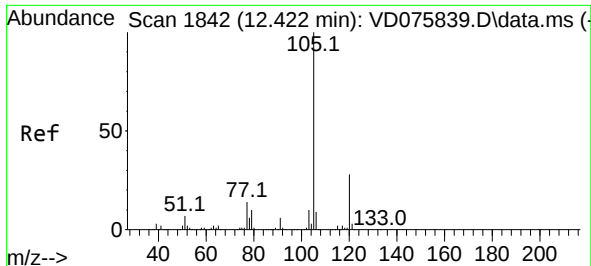
Tgt Ion: 83 Resp: 72652
Ion Ratio Lower Upper
83 100
85 59.7 45.1 83.7
131 10.8 7.0 10.6#



#59
Bromoform
Concen: 42.855 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 173 Resp: 44672
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 9.4 7.4 11.2

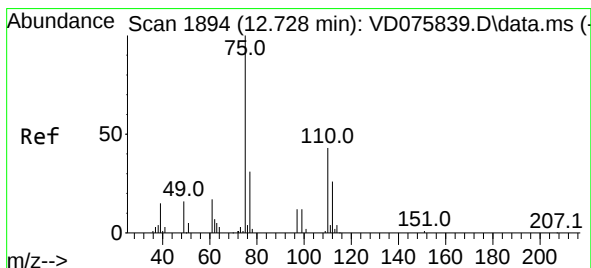
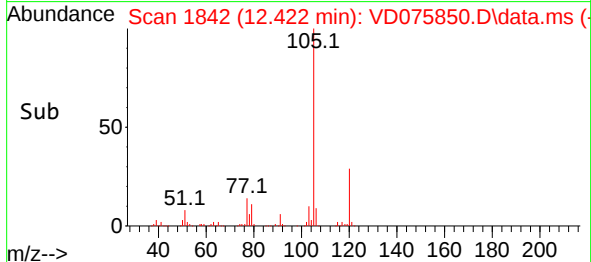
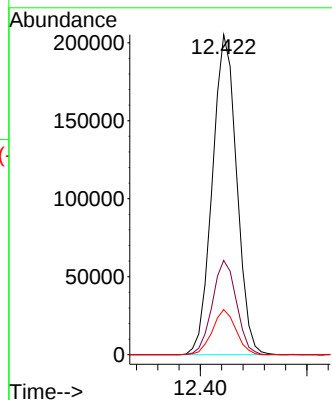
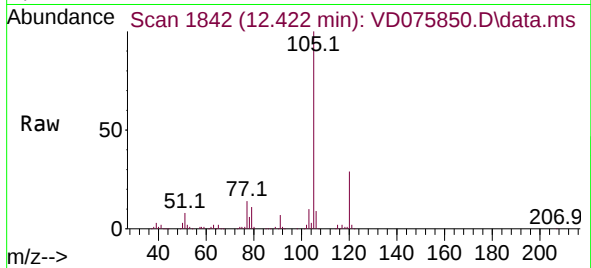




#60
Isopropylbenzene
Concen: 36.092 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

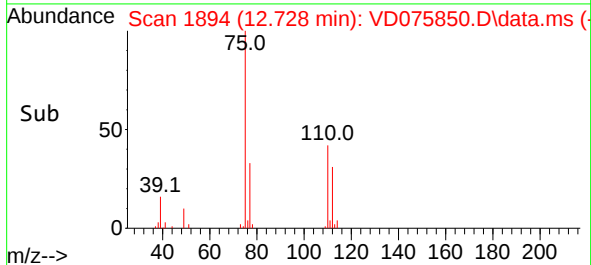
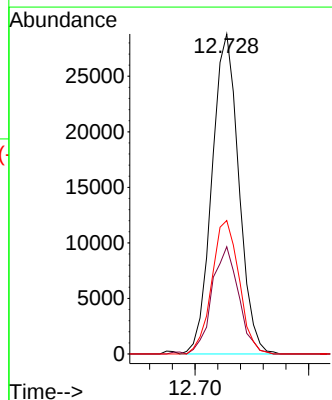
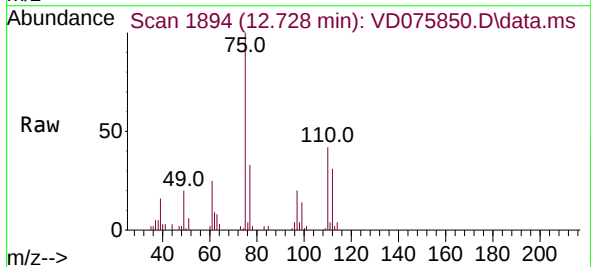
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

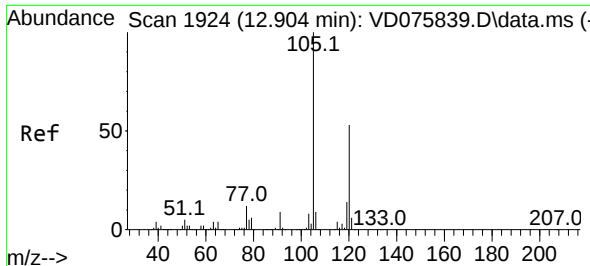
Tgt Ion:105 Resp: 325503
Ion Ratio Lower Upper
105 100
120 29.2 22.7 34.1
77 13.6 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 44.313 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 75 Resp: 47346
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 42.3 33.5 50.3

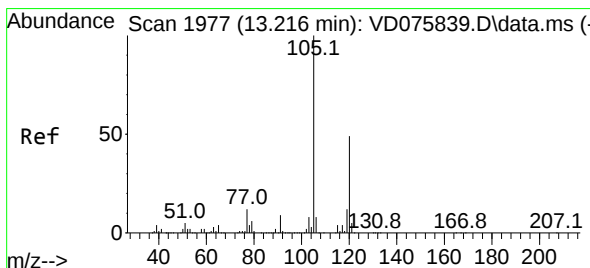
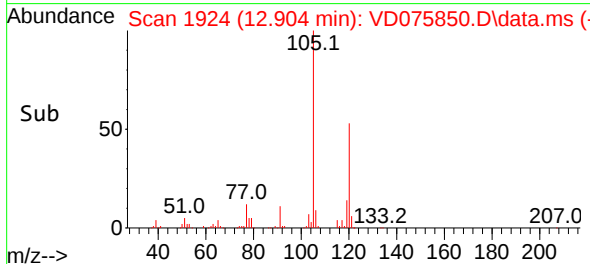
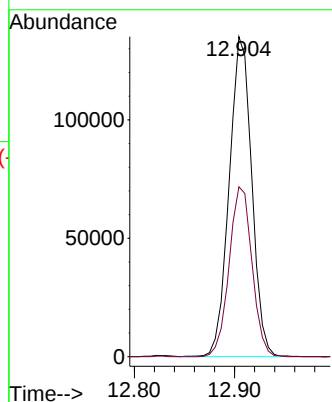
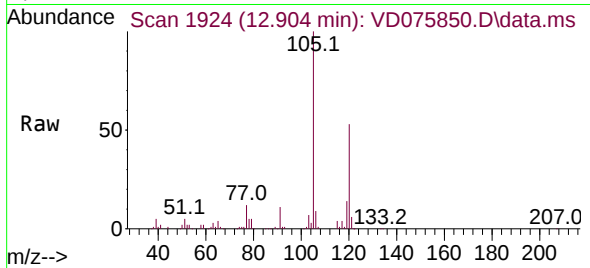




#62
1,3,5-Trimethylbenzene
Concen: 31.411 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

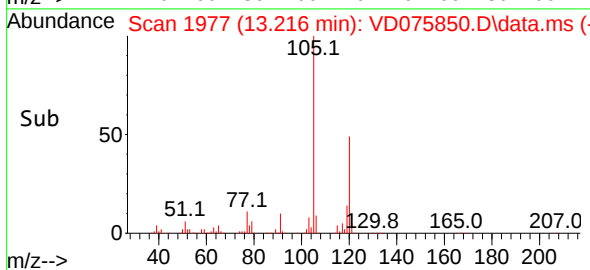
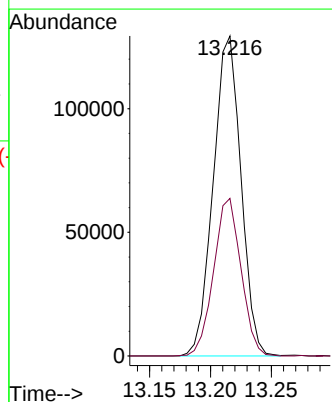
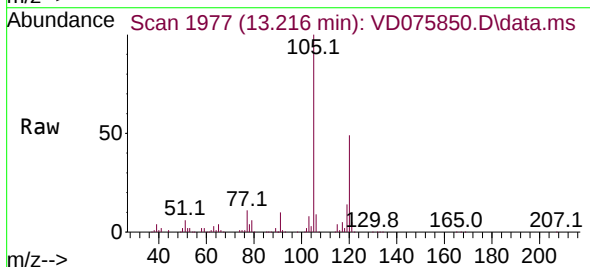
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

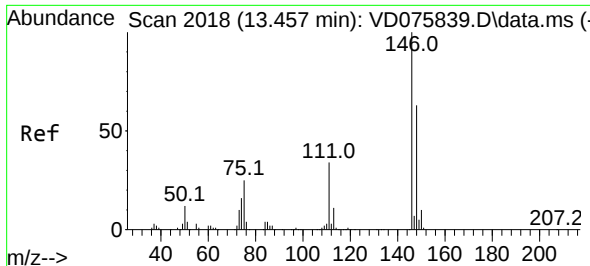
Tgt Ion:105 Resp: 211237
Ion Ratio Lower Upper
105 100
120 53.9 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 31.643 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:105 Resp: 205132
Ion Ratio Lower Upper
105 100
120 48.6 39.0 58.6

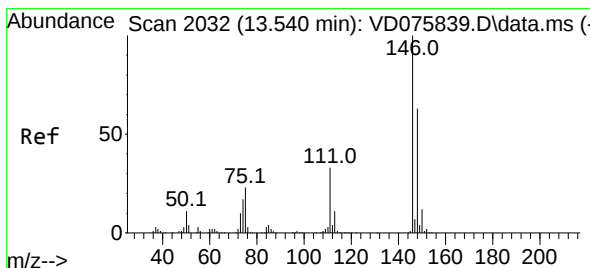
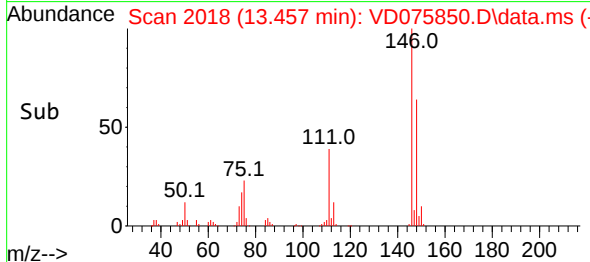
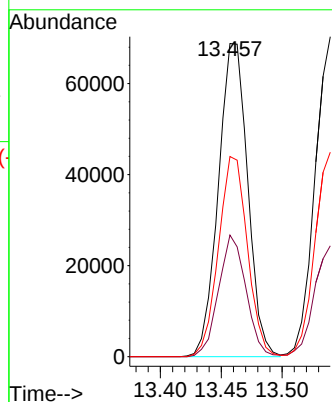
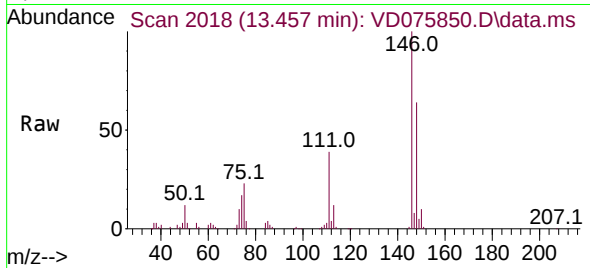




#64
1,3-Dichlorobenzene
Concen: 26.733 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

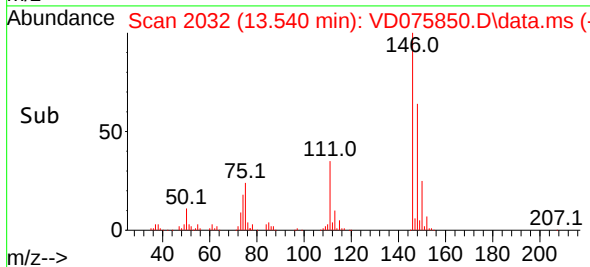
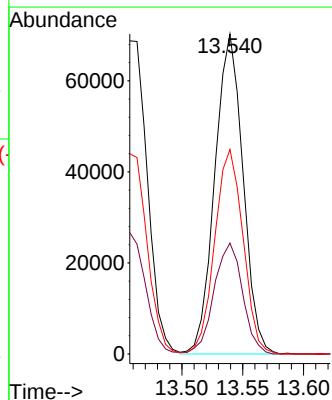
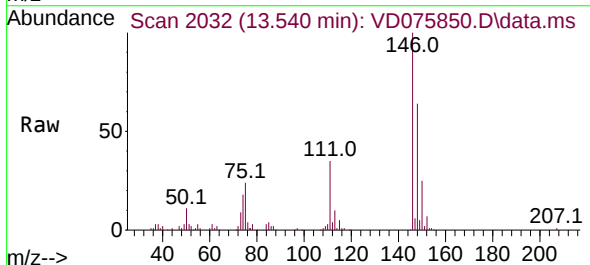
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

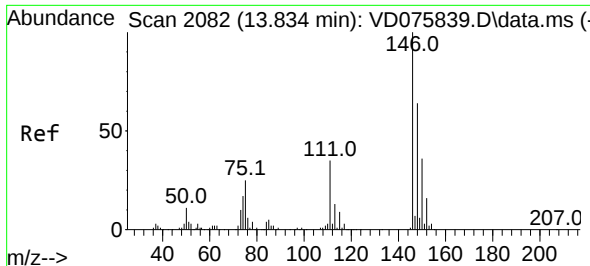
Tgt Ion:146 Resp: 115356
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.1
148 63.9 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.018 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:146 Resp: 113303
Ion Ratio Lower Upper
146 100
111 34.7 24.6 45.8
148 63.9 44.4 82.4

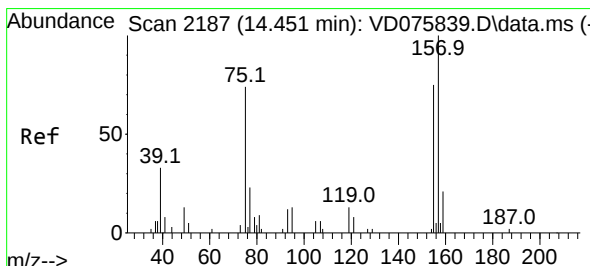
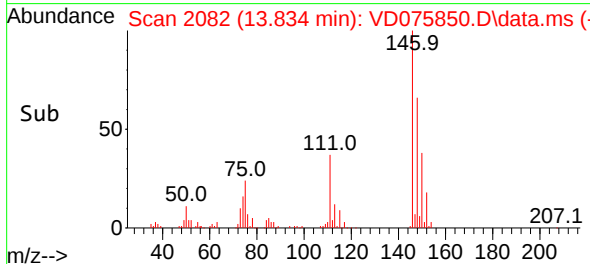
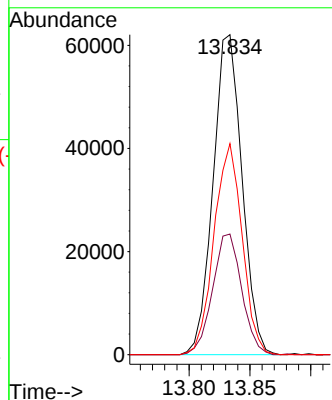
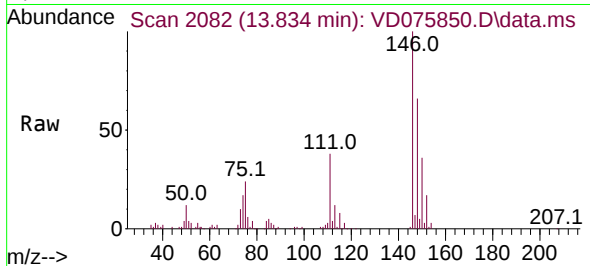




#67
1,2-Dichlorobenzene
Concen: 26.706 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

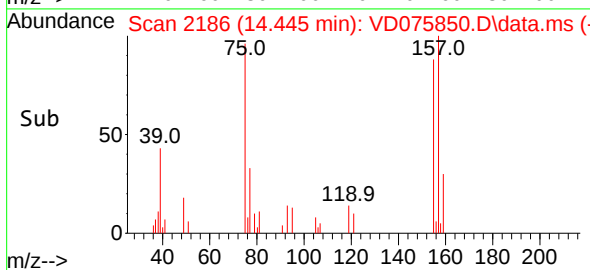
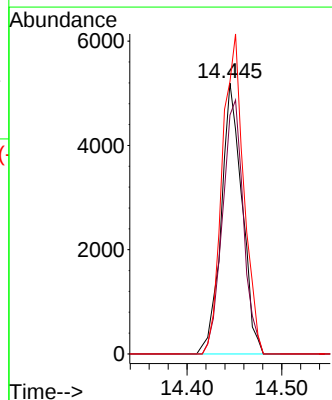
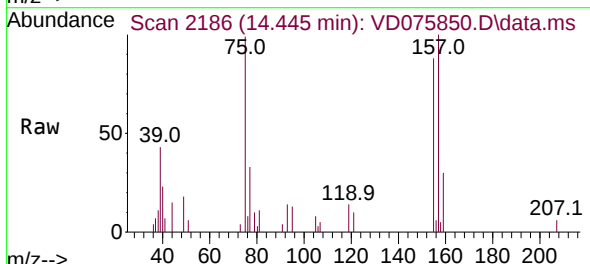
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

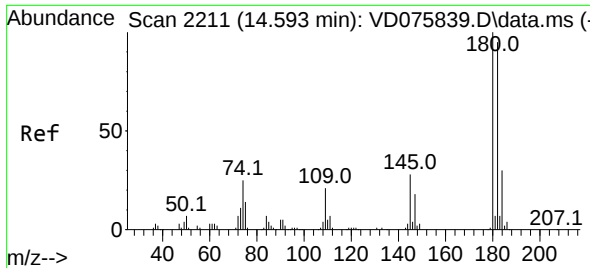
Tgt Ion:146 Resp: 102912
Ion Ratio Lower Upper
146 100
111 37.7 30.6 46.0
148 65.9 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 37.197 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion: 75 Resp: 7945
Ion Ratio Lower Upper
75 100
155 88.2 74.6 111.8
157 100.6 109.4 164.2#

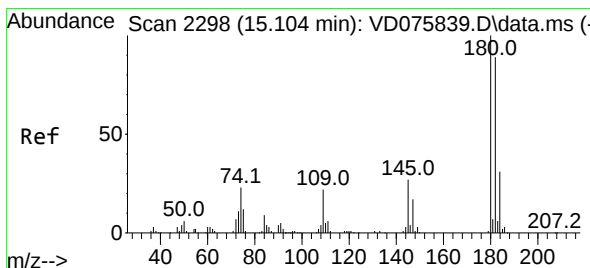
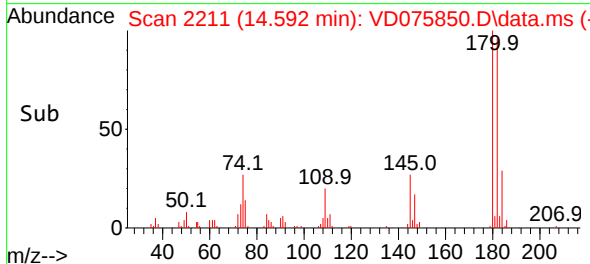
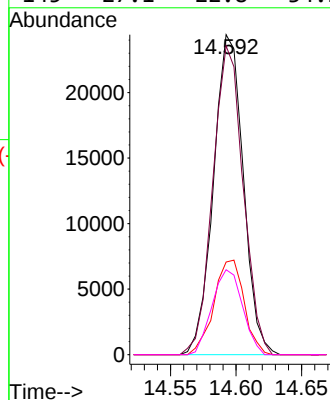
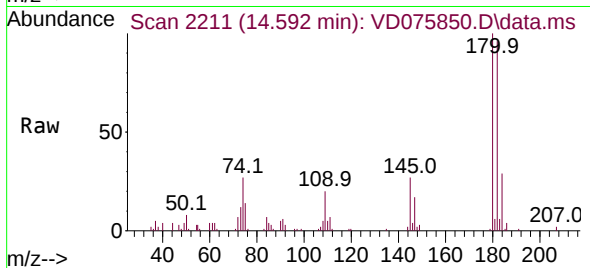




#69
1,3,5-Trichlorobenzene
Concen: 13.347 ug/L
RT: 14.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

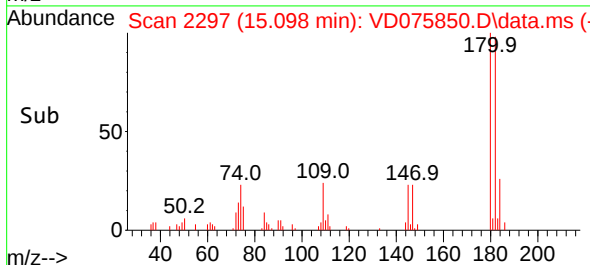
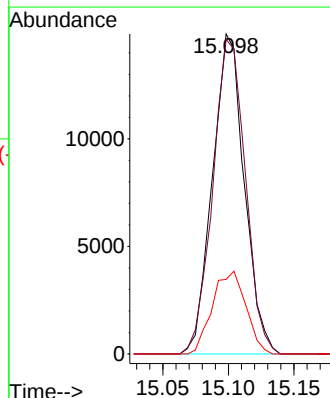
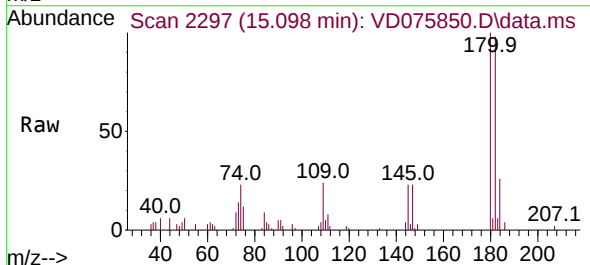
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

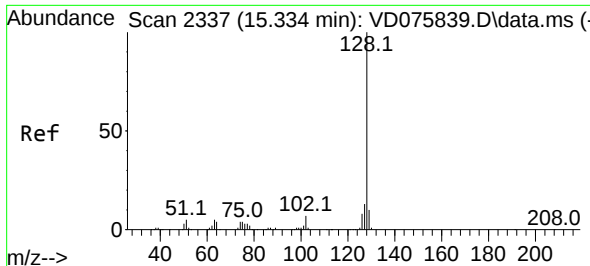
Tgt Ion:180	Resp:	38602
Ion Ratio	Lower	Upper
180	100	
182	98.0	74.9 112.3
184	30.0	25.0 37.4
145	27.1	22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 10.472 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:180	Resp:	25101
Ion Ratio	Lower	Upper
180	100	
182	100.6	75.4 113.2
145	27.2	23.6 35.4

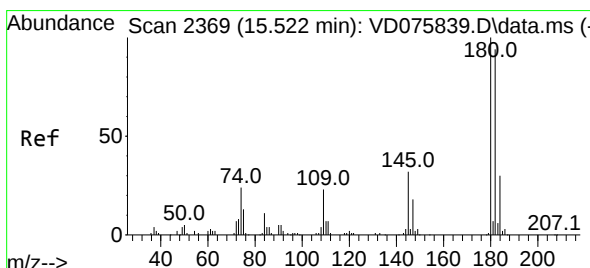
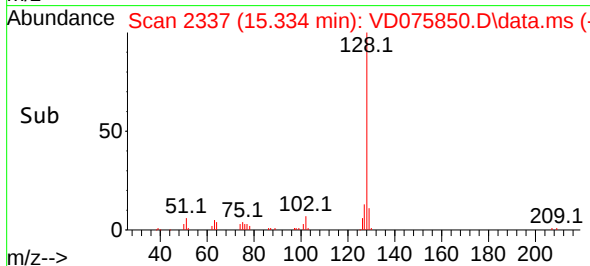
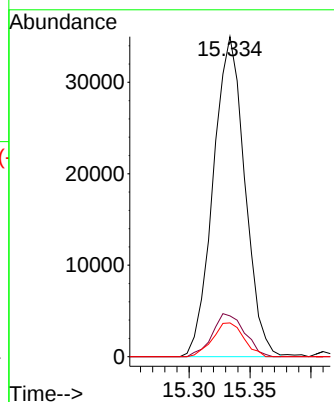
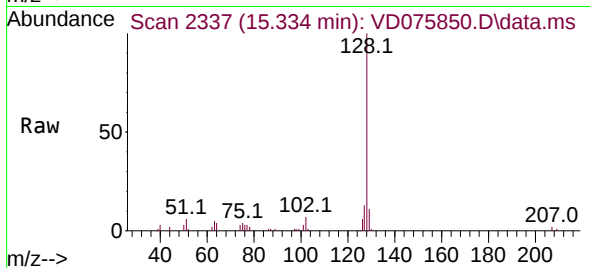




#71
Naphthalene
Concen: 14.416 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

Tgt Ion:128	Resp:	63234
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.5 15.7
129	10.4	9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 9.898 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075850.D
Acq: 26 Apr 2023 22:30

Tgt Ion:180	Resp:	21177
Ion Ratio	Lower	Upper
180	100	
182	95.7	76.3 114.5
145	30.0	25.0 37.6

