

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075930.D
 Acq On : 29 Apr 2023 21:44
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025141

Quant Time: May 01 00:19:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	361836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	335406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	165778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	188099	23.697	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.800%		
7) Chloroethane-d5	2.799	69	163525	23.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.360%		
11) 1,1-Dichloroethene-d2	3.911	65	42720	23.344	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.360%		
21) 2-Butanone-d5	6.987	46	41482	60.198	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.400%		
24) Chloroform-d	7.563	84	223869	24.742	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.960%		
26) 1,2-Dichloroethane-d4	8.228	65	98234	25.423	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.680%		
32) Benzene-d6	8.199	84	472746	24.183	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.720%		
36) 1,2-Dichloropropane-d6	9.210	67	132505	24.488	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	10.269	98	445297	24.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.320%		
43) trans-1,3-Dichloroprop...	10.528	79	53699	24.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.040%		
47) 2-Hexanone-d5	10.875	63	38983	59.834	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.660%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114885	27.746	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.000%		
66) 1,2-Dichlorobenzene-d4	13.816	152	139427	23.778	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	127710	25.603	ug/L	98
3) Chloromethane	2.146	50	198584	28.558	ug/L	98
5) Vinyl chloride	2.281	62	231442	25.467	ug/L	98
6) Bromomethane	2.693	94	129156	21.150	ug/L	97
8) Chloroethane	2.834	64	150484	25.603	ug/L	99
9) Trichlorofluoromethane	3.170	101	175953	24.096	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	127139	25.916	ug/L	97
12) 1,1-Dichloroethene	3.940	96	116395	24.465	ug/L	85
13) Acetone	4.028	43	29227	49.562	ug/L	96
14) Carbon disulfide	4.269	76	396406	23.855	ug/L	98
15) Methyl Acetate	4.564	43	37443	29.298	ug/L #	60
16) Methylene chloride	4.799	84	148326	20.207	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	133124	24.955	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	223670	26.138	ug/L	99
19) 1,1-Dichloroethane	6.111	63	205197	26.257	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	143827	25.497	ug/L	97
22) 2-Butanone	7.087	43	44510	57.896	ug/L	97
23) Bromochloromethane	7.428	128	69948	26.738	ug/L #	94
25) Chloroform	7.593	83	222252	25.375	ug/L	96

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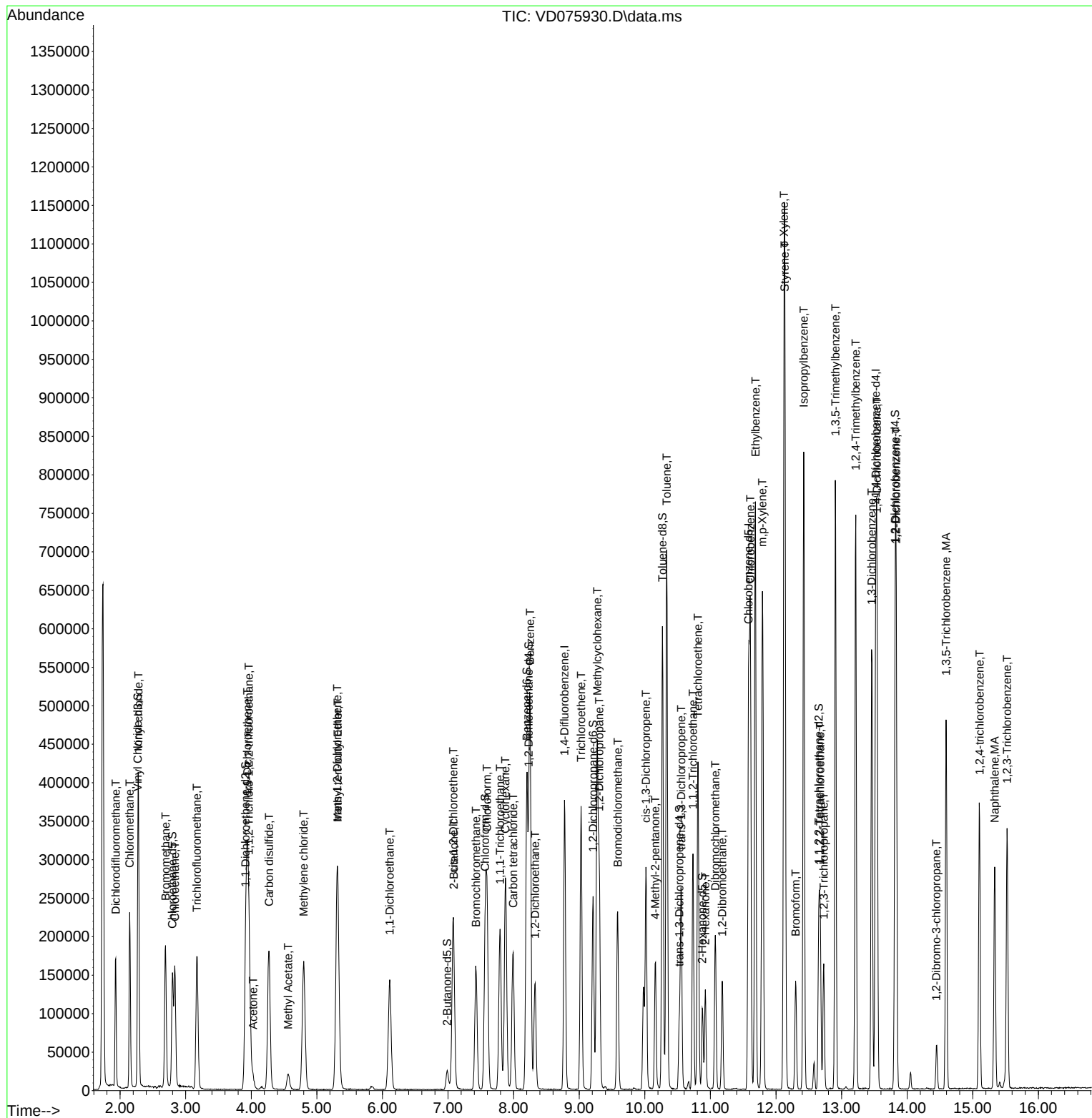
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	121803	26.941	ug/L	96
29) Cyclohexane	7.875	56	148863	25.926	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	175999	24.801	ug/L	99
31) Carbon tetrachloride	7.993	117	140666	24.707	ug/L	100
33) Benzene	8.252	78	515318	25.400	ug/L	100
34) Trichloroethene	9.028	95	129132	24.612	ug/L	96
35) Methylcyclohexane	9.275	83	201484	24.908	ug/L	98
37) 1,2-Dichloropropane	9.305	63	125586	26.948	ug/L	99
38) Bromodichloromethane	9.587	83	162626	25.880	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	186520	25.166	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	102540	60.347	ug/L	98
42) Toluene	10.334	91	573303	26.112	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	155802	26.167	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	103419	26.084	ug/L	97
46) Tetrachloroethene	10.810	164	107328	24.940	ug/L	94
48) 2-Hexanone	10.922	43	71811	59.949	ug/L	92
49) Dibromochloromethane	11.075	129	111986	25.945	ug/L	99
50) 1,2-Dibromoethane	11.181	107	94536	26.447	ug/L	100
51) Chlorobenzene	11.610	112	366372	25.508	ug/L	99
52) Ethylbenzene	11.687	91	577121	25.634	ug/L	99
53) m,p-Xylene	11.793	106	234095	26.113	ug/L	97
54) o-Xylene	12.122	106	220459	25.891	ug/L	98
55) Styrene	12.134	104	398560	26.894	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	110149	27.305	ug/L	100
59) Bromoform	12.298	173	65955	25.959	ug/L	98
60) Isopropylbenzene	12.422	105	552977	25.156	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	70704	27.150	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	420047	25.626	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	411942	26.071	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	266341	25.323	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	274026	24.825	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	239198	25.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14068	27.022	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	158110	22.428	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	127890	21.891	ug/L	99
71) Naphthalene	15.334	128	266667	24.943	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	124072	23.792	ug/L	98

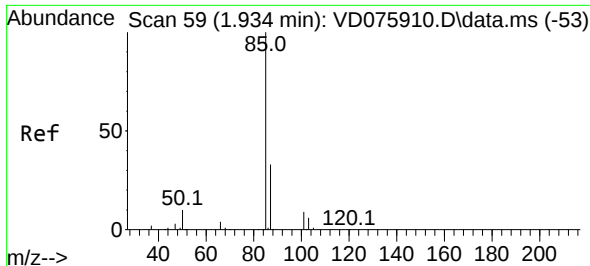
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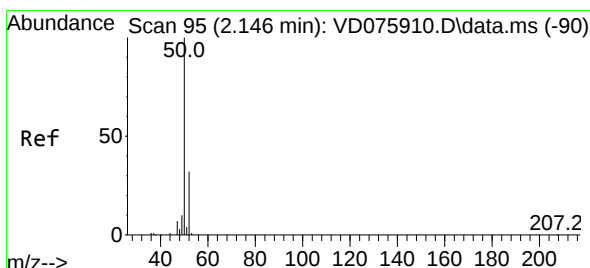
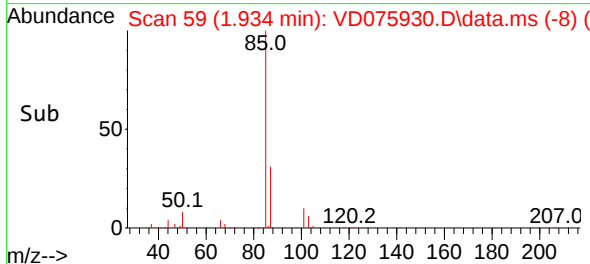
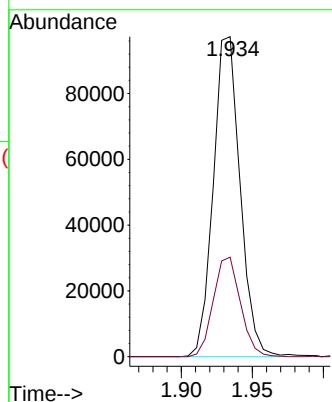
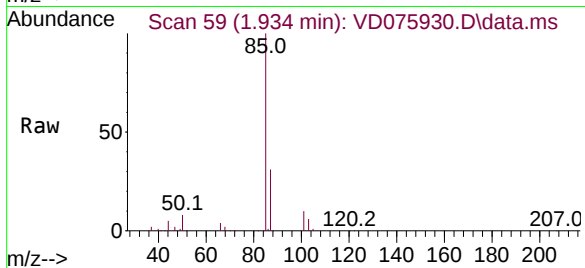




#2
 Dichlorodifluoromethane
 Concen: 25.603 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

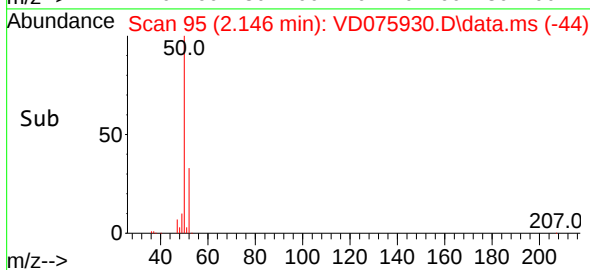
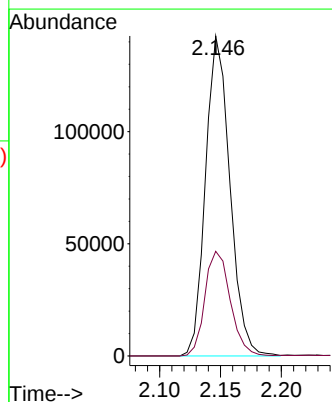
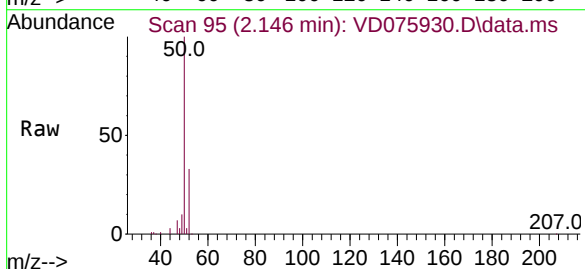
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 ClientSampleId :
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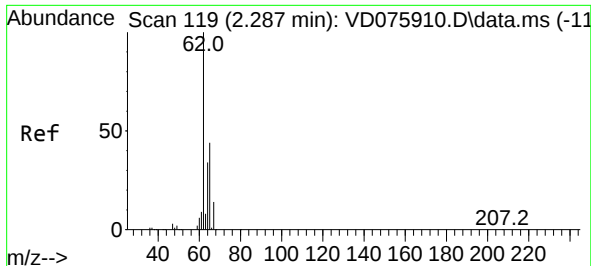
Tgt Ion: 85 Resp: 127710
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.8



#3
 Chloromethane
 Concen: 28.558 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

Tgt Ion: 50 Resp: 198584
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 44.1

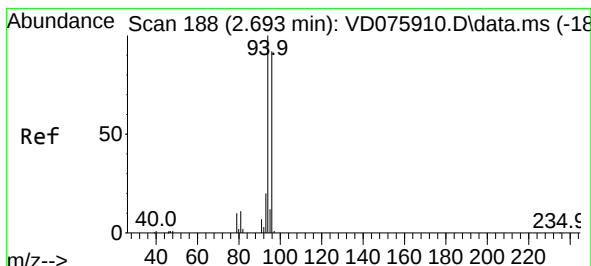
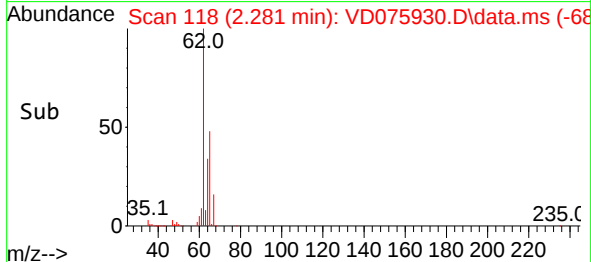
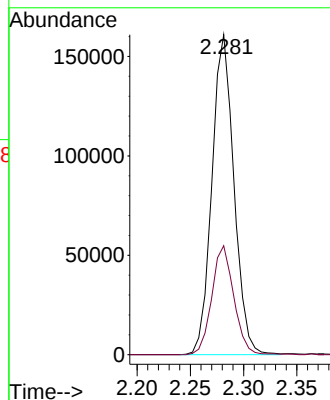
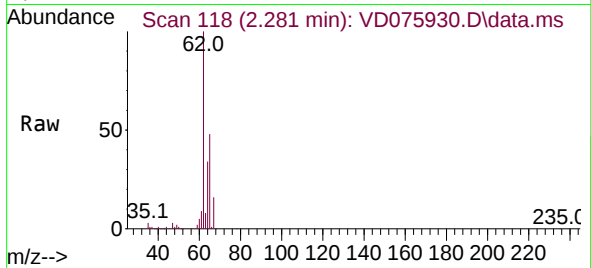




#5
 Vinyl chloride
 Concen: 25.467 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

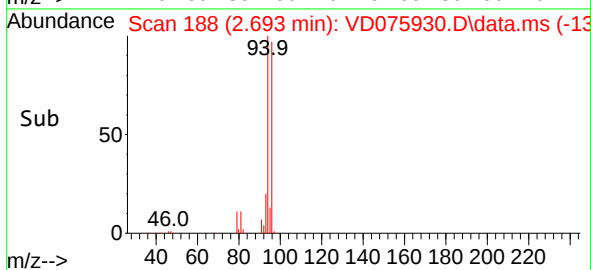
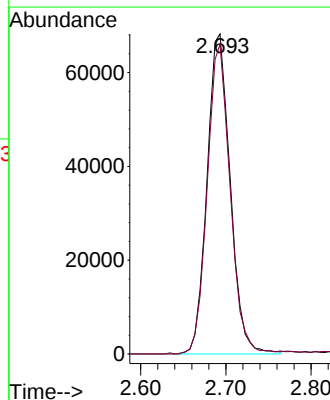
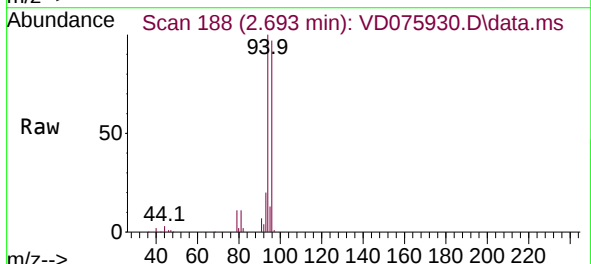
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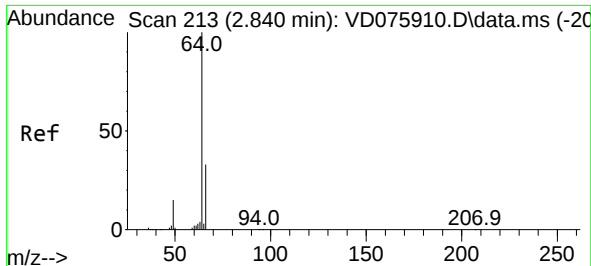
Tgt Ion: 62 Resp: 231442
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#6
 Bromomethane
 Concen: 21.150 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

Tgt Ion: 94 Resp: 129156
 Ion Ratio Lower Upper
 94 100
 96 96.8 65.7 121.9

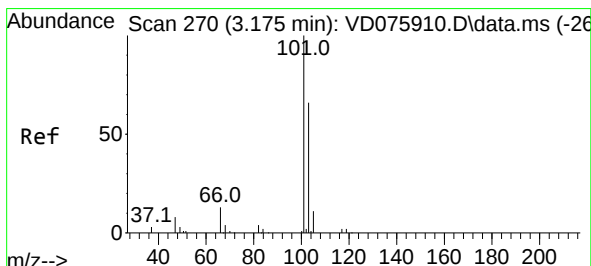
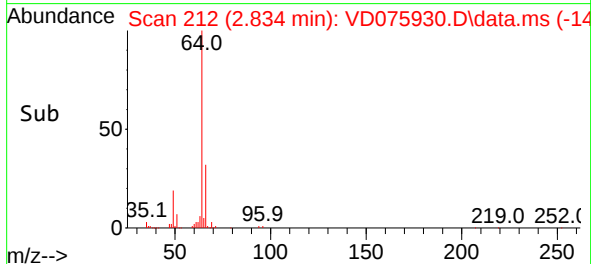
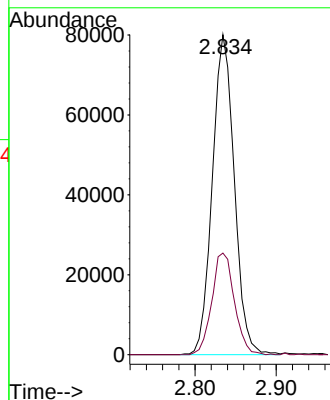
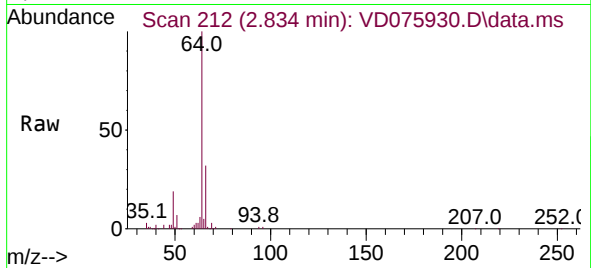




#8
Chloroethane
Concen: 25.603 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

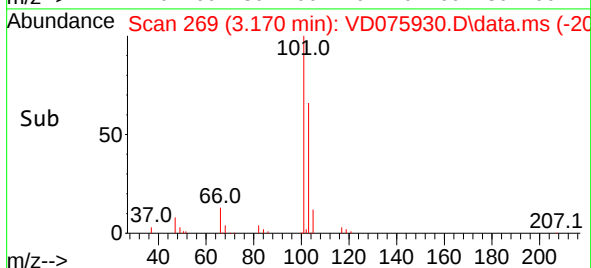
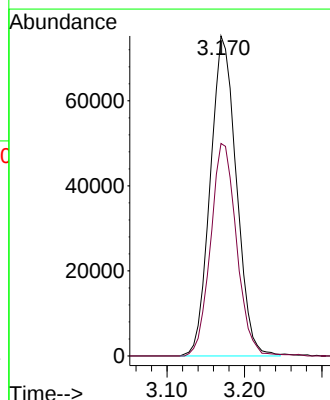
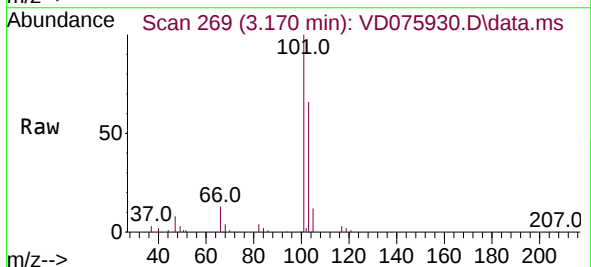
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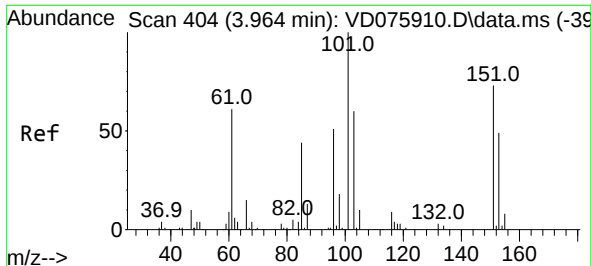
Tgt Ion: 64 Resp: 150484
Ion Ratio Lower Upper
64 100
66 31.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.096 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion:101 Resp: 175953
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

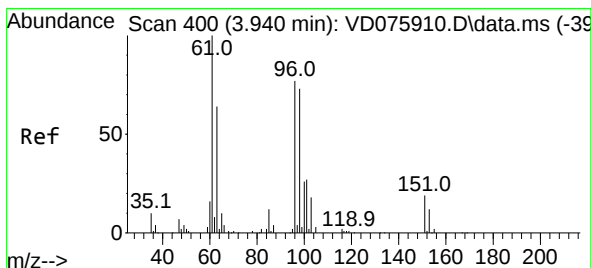
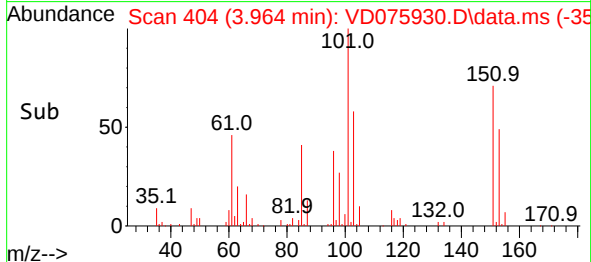
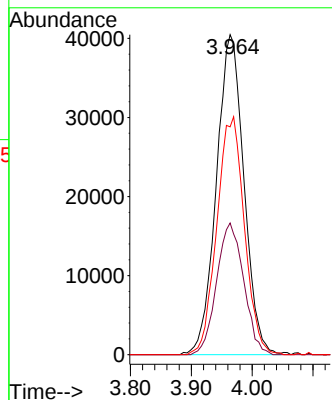
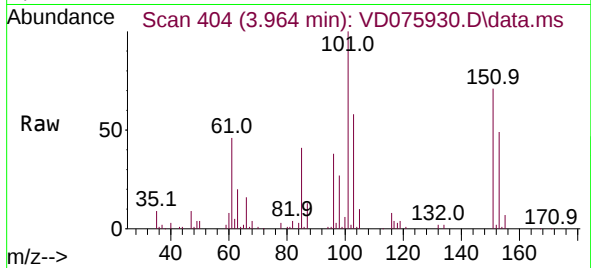




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.916 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

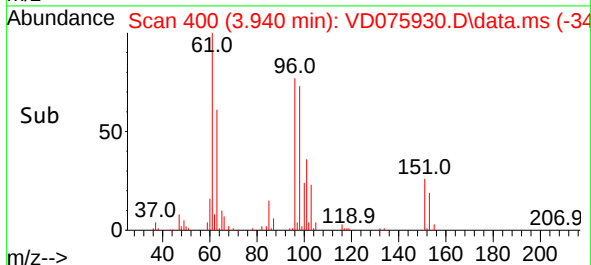
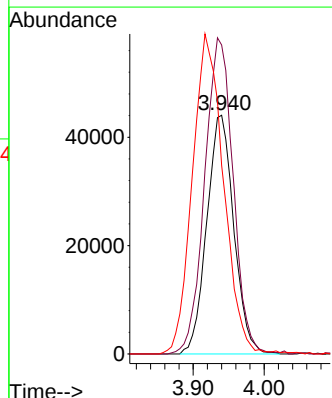
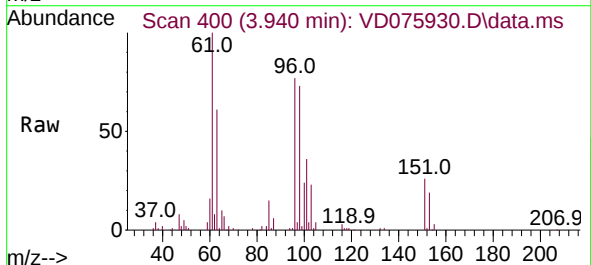
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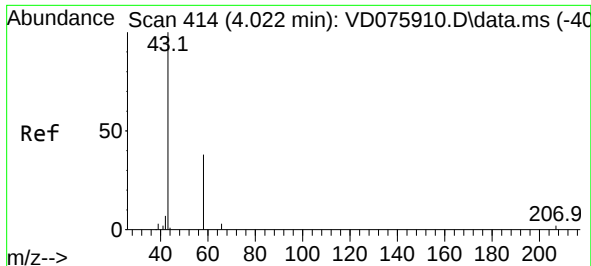
Tgt Ion:101 Resp: 127139
 Ion Ratio Lower Upper
 101 100
 85 40.5 32.9 49.3
 151 74.4 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 24.465 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

Tgt Ion: 96 Resp: 116395
 Ion Ratio Lower Upper
 96 100
 61 129.4 92.6 172.0
 63 79.0 77.4 143.8





#13

Acetone

Concen: 49.562 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

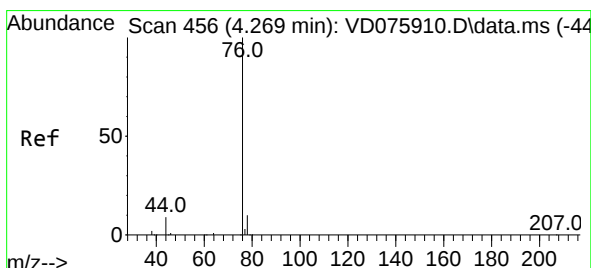
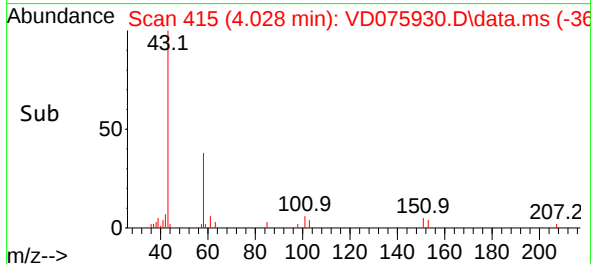
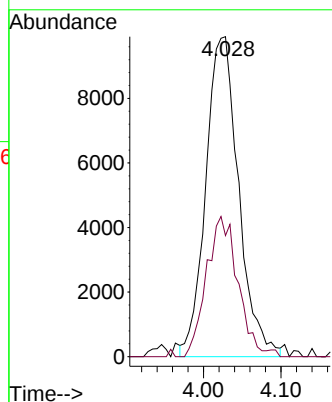
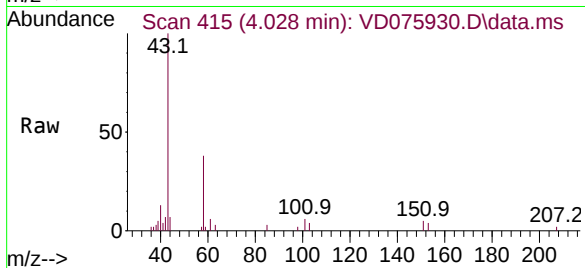
VSTD025141

Tgt Ion: 43 Resp: 29227

Ion Ratio Lower Upper

43 100

58 41.4 0.0 87.4



#14

Carbon disulfide

Concen: 23.855 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

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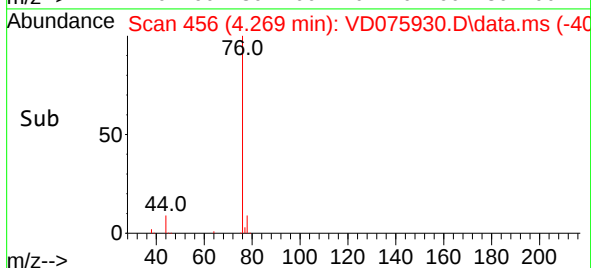
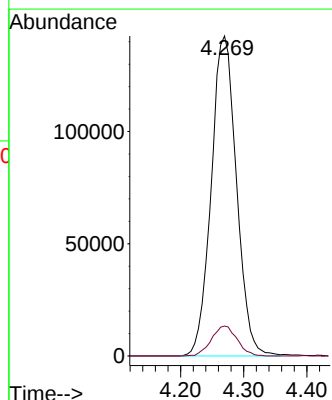
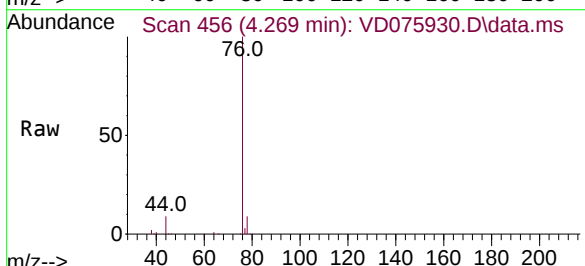
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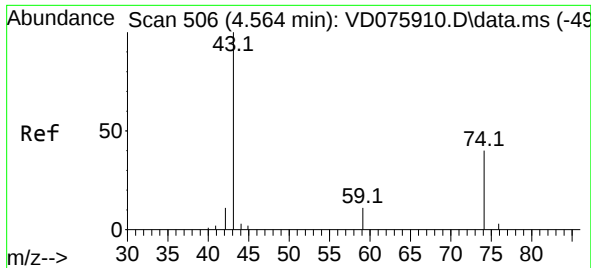
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Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

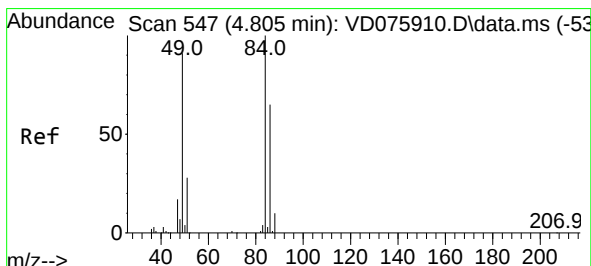
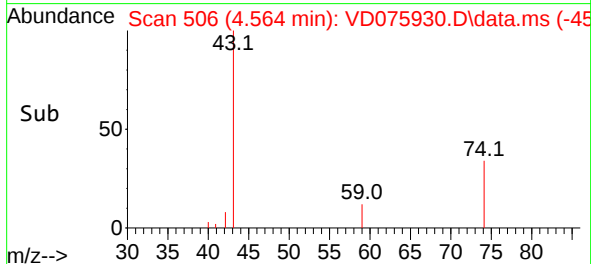
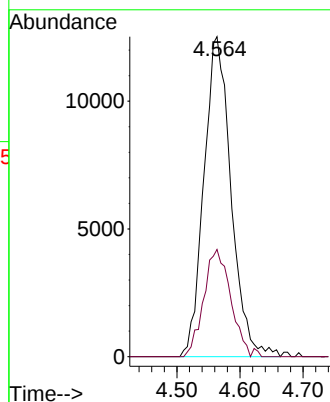
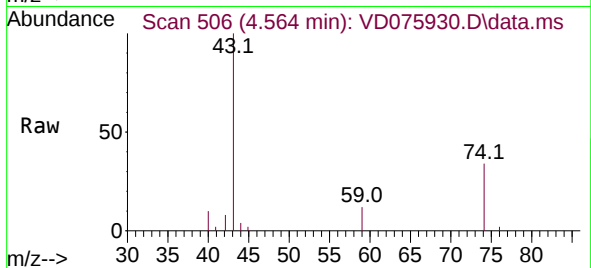




#15
Methyl Acetate
Concen: 29.298 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

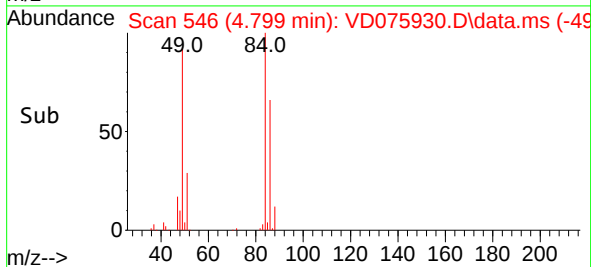
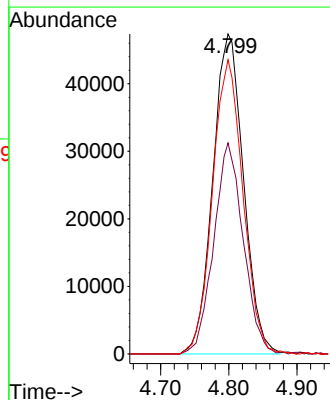
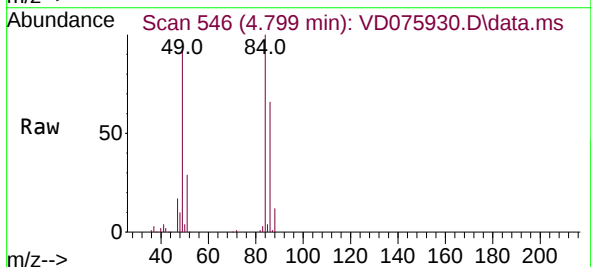
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

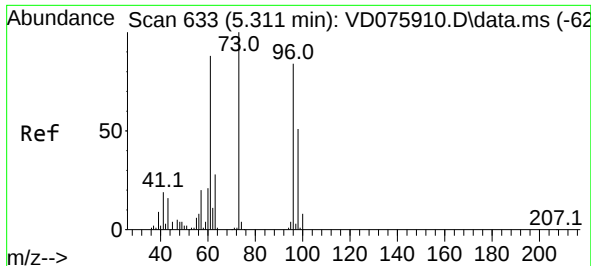
Tgt Ion: 43 Resp: 37443
Ion Ratio Lower Upper
43 100
74 33.0 12.8 19.2#



#16
Methylene chloride
Concen: 20.207 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion: 84 Resp: 148326
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.2
49 92.0 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 24.955 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025141

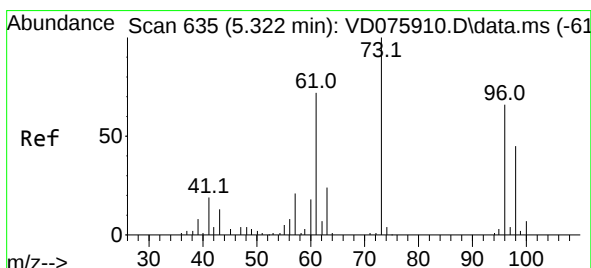
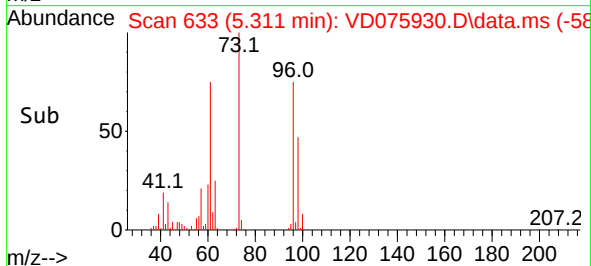
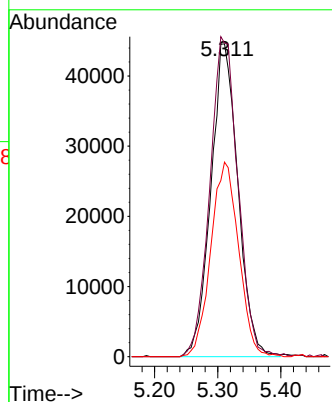
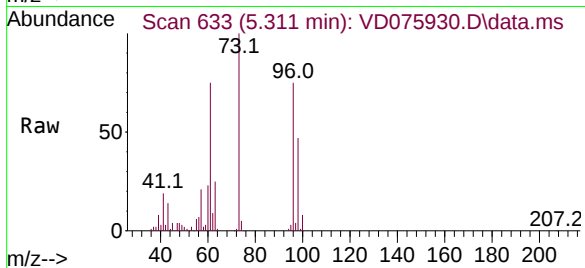
Tgt Ion: 96 Resp: 133124

Ion Ratio Lower Upper

96 100

61 100.3 72.9 135.5

98 62.2 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 26.138 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

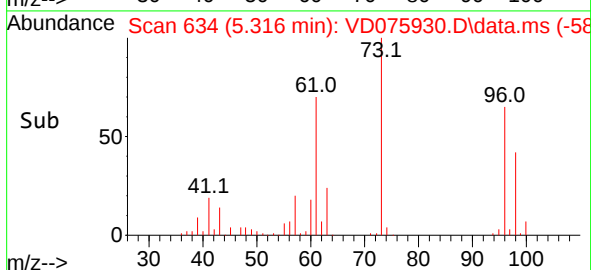
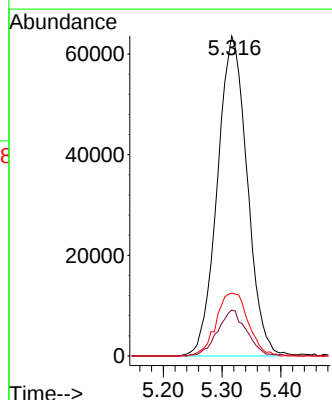
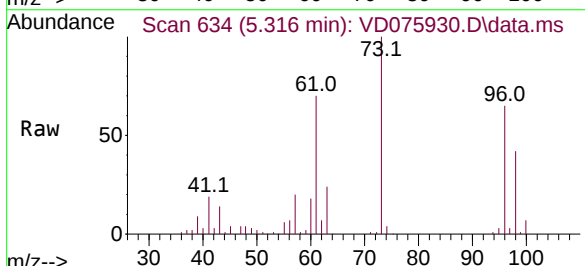
Tgt Ion: 73 Resp: 223670

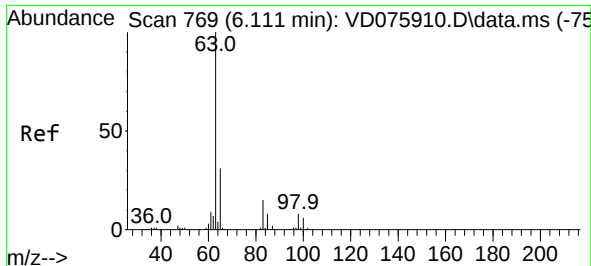
Ion Ratio Lower Upper

73 100

43 13.8 11.3 16.9

57 21.1 16.3 24.5





#19

1,1-Dichloroethane

Concen: 26.257 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

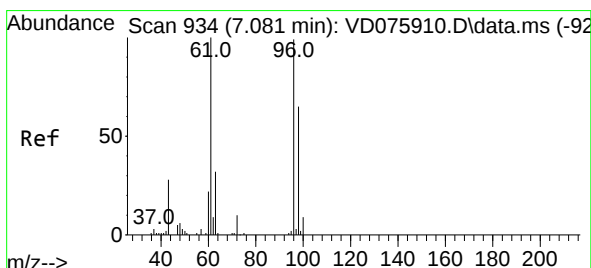
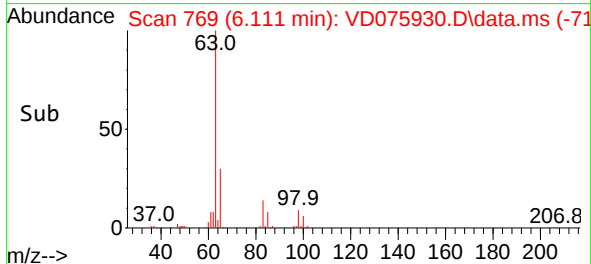
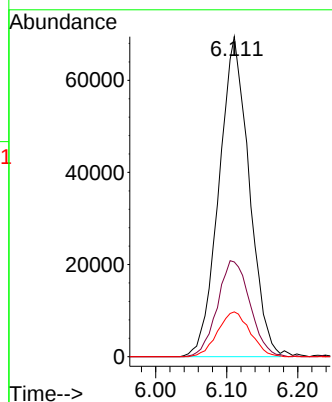
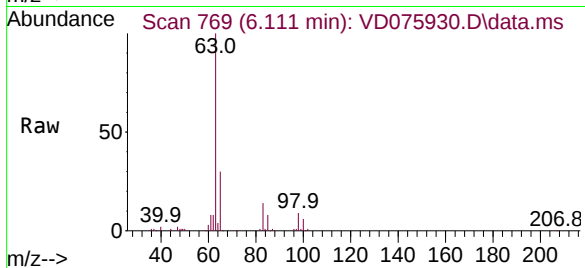
MSVOA_D

ClientSampleId :

VSTD025141

Tgt Ion: 63 Resp: 205197

Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.8	42.4
83	14.0	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 25.497 ug/L

RT: 7.081 min Scan# 934

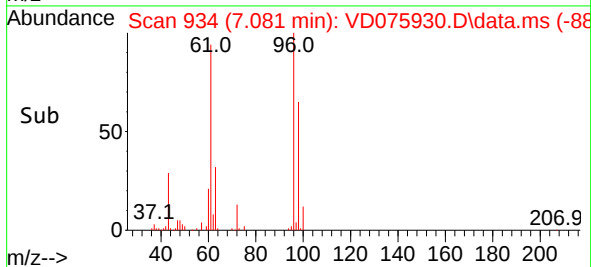
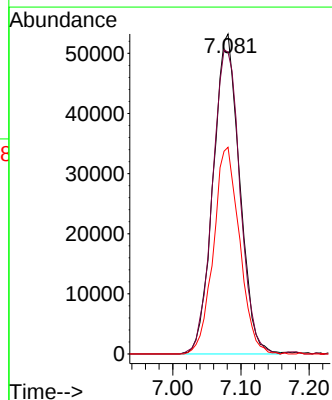
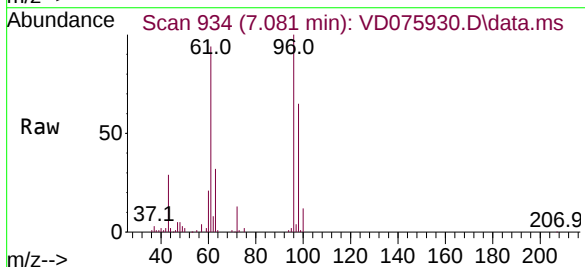
Delta R.T. 0.000 min

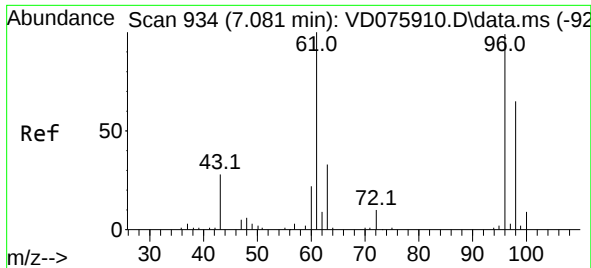
Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Tgt Ion: 96 Resp: 143827

Ion	Ratio	Lower	Upper
96	100		
61	94.3	67.5	125.3
98	64.6	47.5	88.1

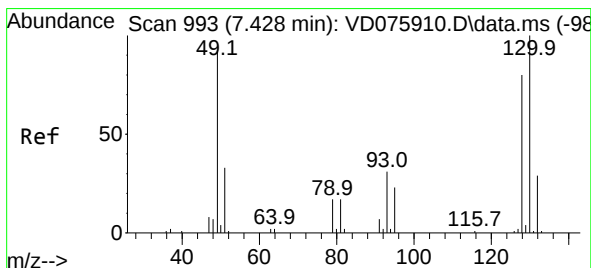
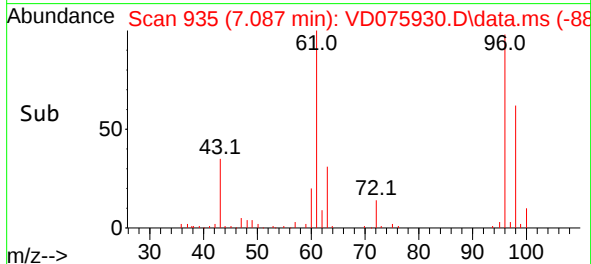
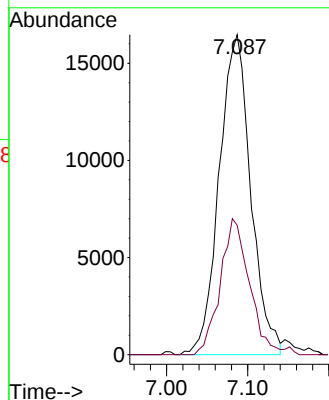
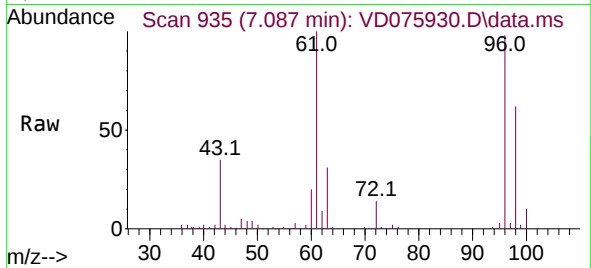




#22
2-Butanone
Concen: 57.896 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

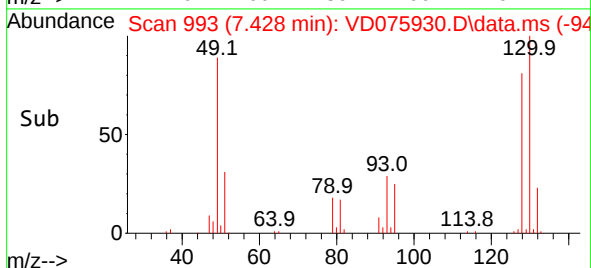
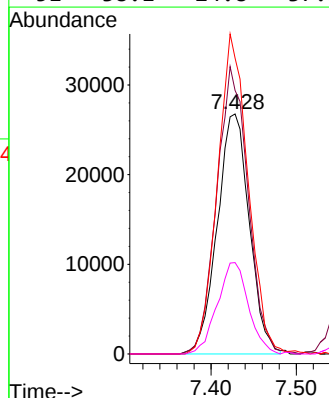
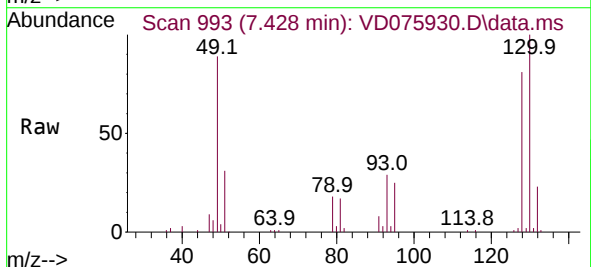
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

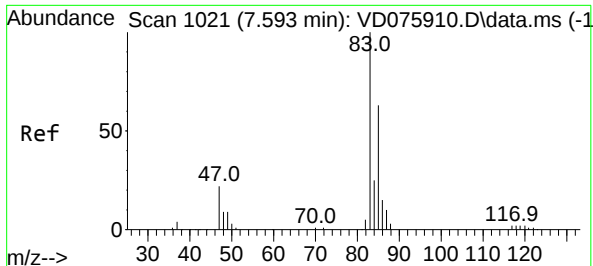
Tgt Ion: 43 Resp: 44510
Ion Ratio Lower Upper
43 100
72 39.1 20.5 61.5



#23
Bromochloromethane
Concen: 26.738 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion:128 Resp: 69948
Ion Ratio Lower Upper
128 100
49 109.8 76.4 142.0
130 123.3 93.5 173.7
51 38.1 24.8 37.2#

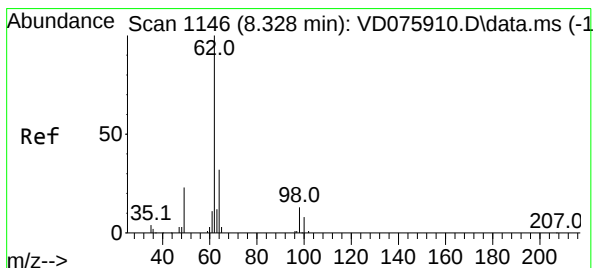
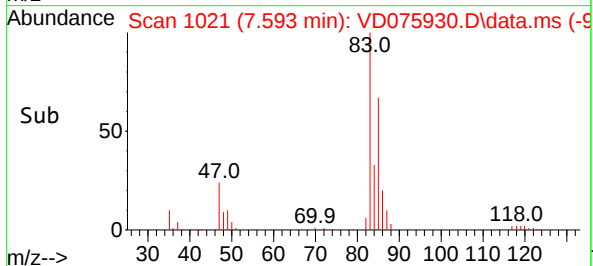
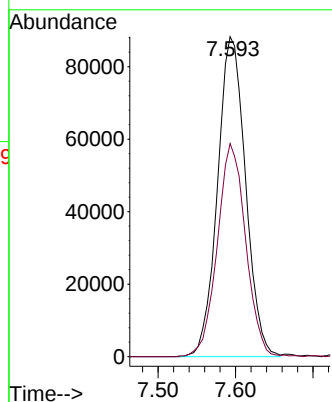
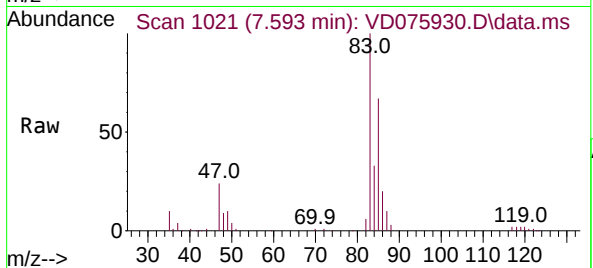




#25
Chloroform
Concen: 25.375 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

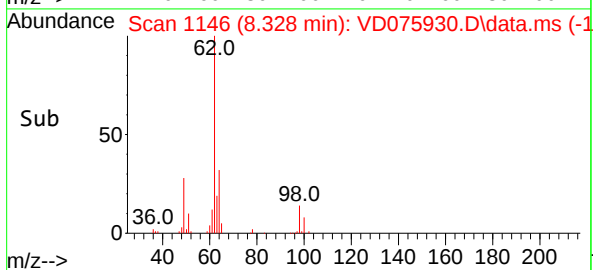
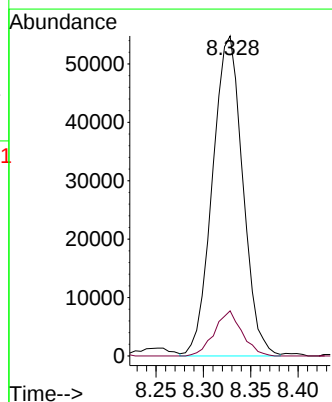
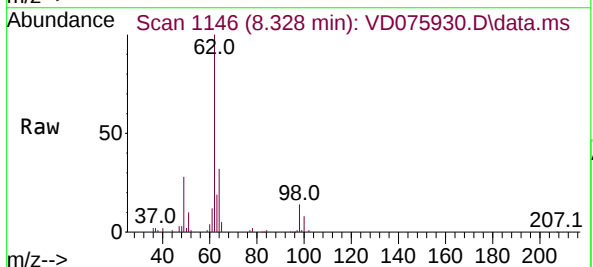
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

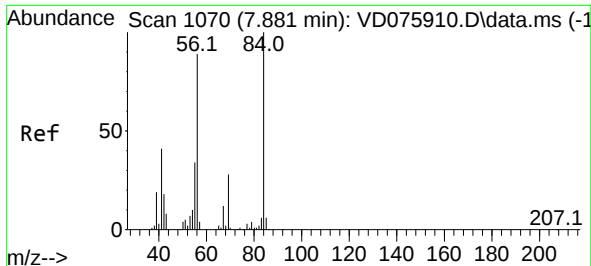
Tgt Ion: 83 Resp: 222252
Ion Ratio Lower Upper
83 100
85 66.6 44.4 82.5



#27
1,2-Dichloroethane
Concen: 26.941 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion: 62 Resp: 121803
Ion Ratio Lower Upper
62 100
98 14.1 10.2 15.2





#29

Cyclohexane

Concen: 25.926 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025141

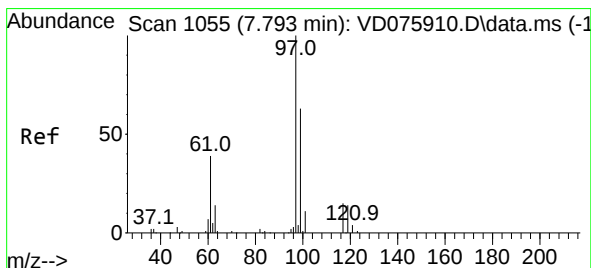
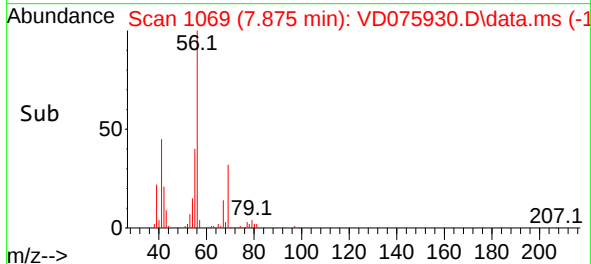
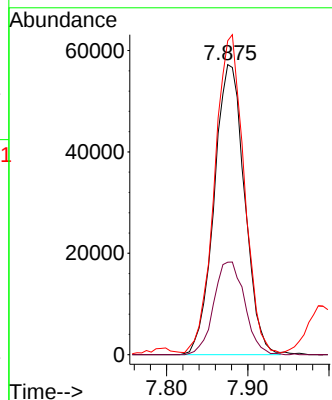
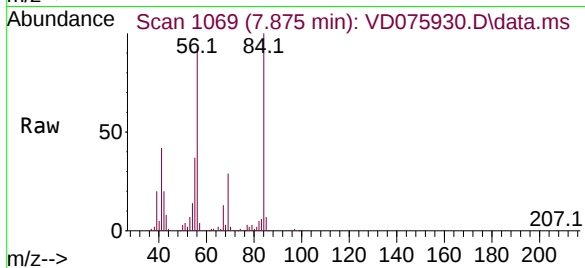
Tgt Ion: 56 Resp: 148863

Ion Ratio Lower Upper

56 100

69 32.2 28.2 42.2

84 107.5 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 24.801 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

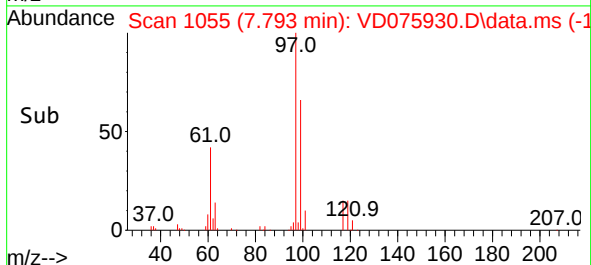
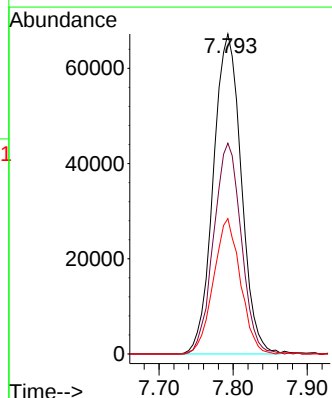
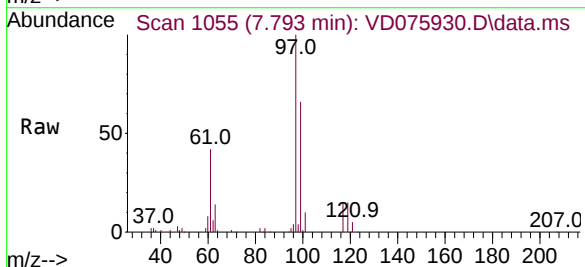
Tgt Ion: 97 Resp: 175999

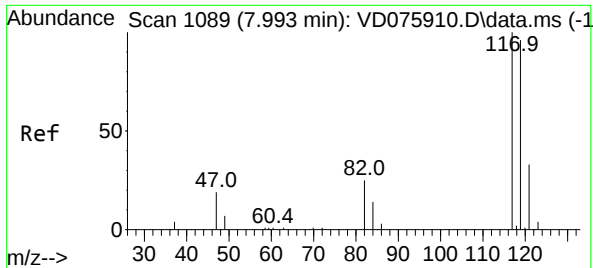
Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 40.9 32.1 48.1

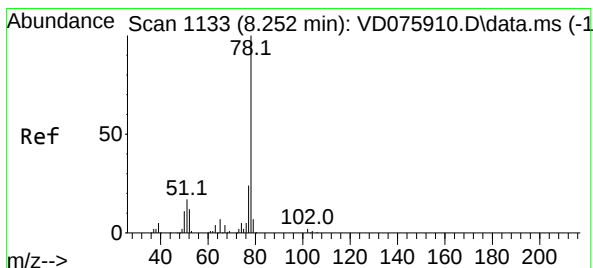
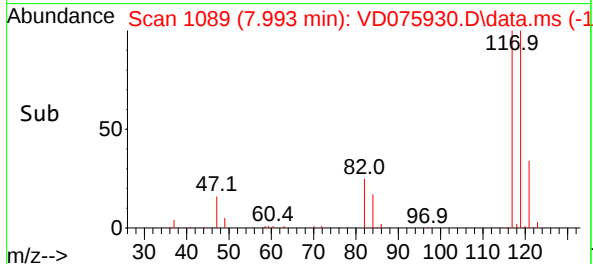
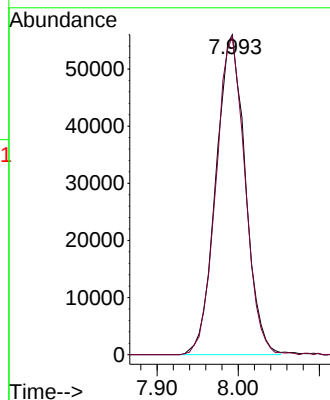
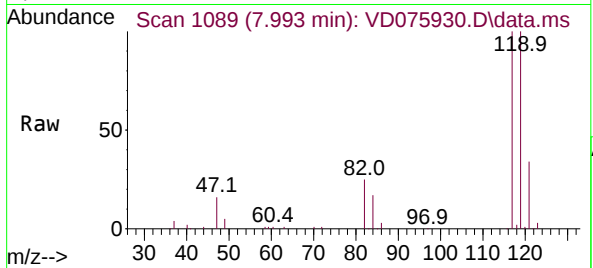




#31
Carbon tetrachloride
Concen: 24.707 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

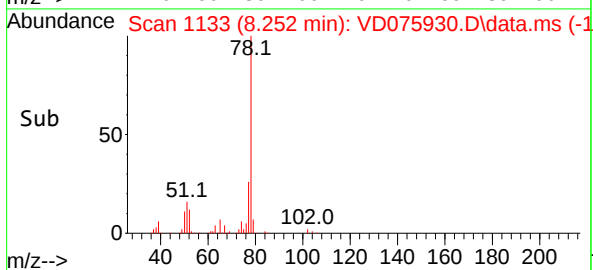
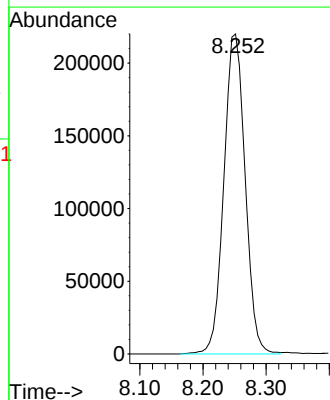
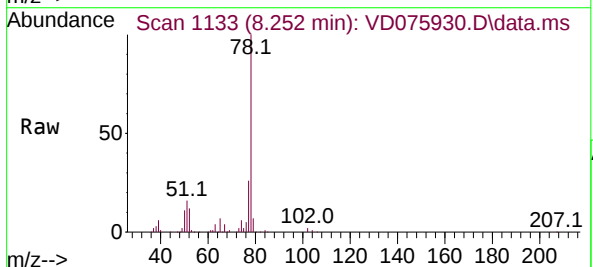
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

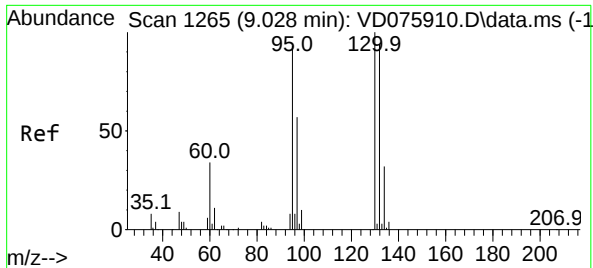
Tgt Ion:117 Resp: 140666
Ion Ratio Lower Upper
117 100
119 98.1 78.2 117.4



#33
Benzene
Concen: 25.400 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion: 78 Resp: 515318



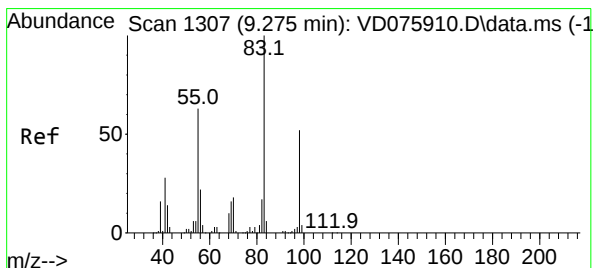
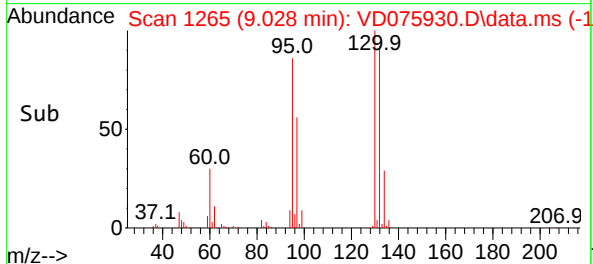
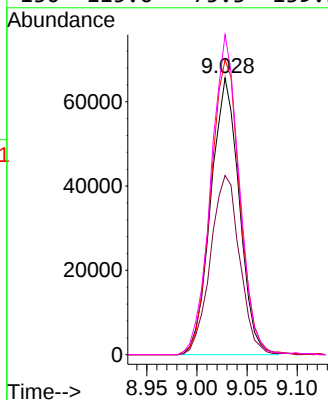
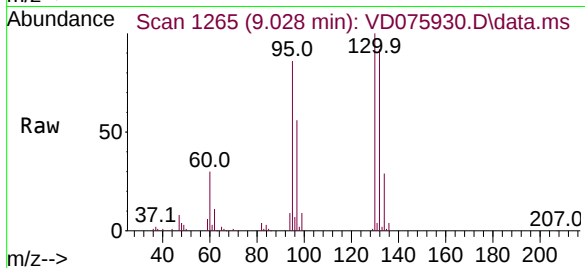


#34
 Trichloroethene
 Concen: 24.612 ug/L
 RT: 9.028 min Scan# 1265
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025141

Tgt Ion: 95 Resp: 129132

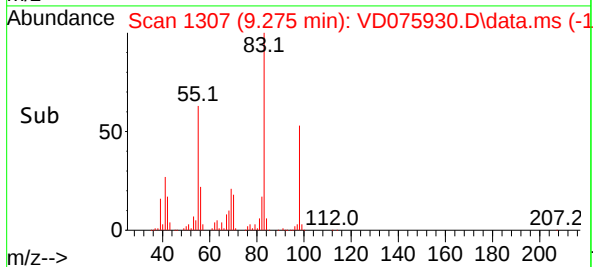
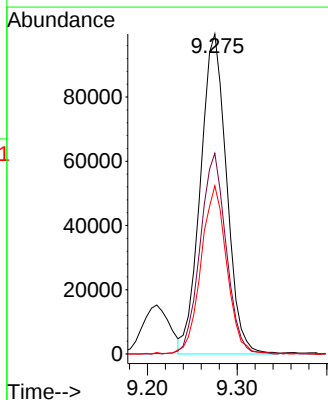
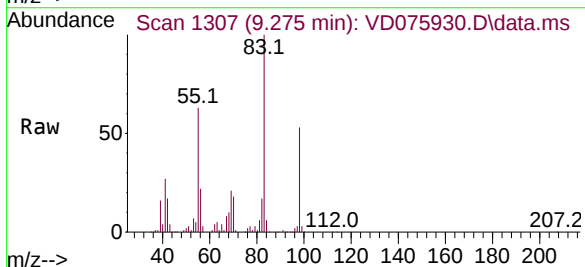
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.0	85.4
132	106.5	73.3	136.1
130	115.6	75.3	139.9

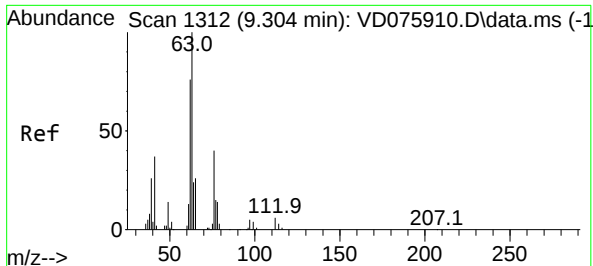


#35
 Methylcyclohexane
 Concen: 24.908 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

Tgt Ion: 83 Resp: 201484

Ion	Ratio	Lower	Upper
83	100		
55	62.2	48.2	72.2
98	51.5	40.8	61.2





#37

1,2-Dichloropropane

Concen: 26.948 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

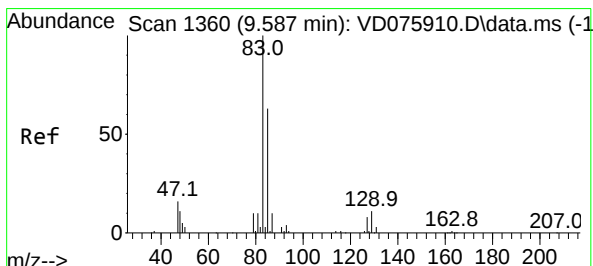
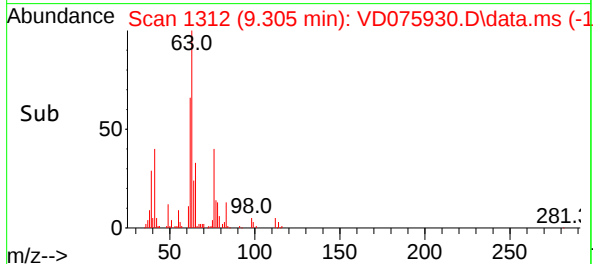
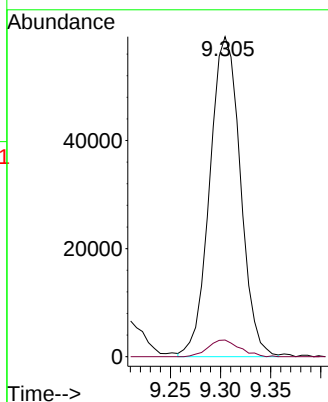
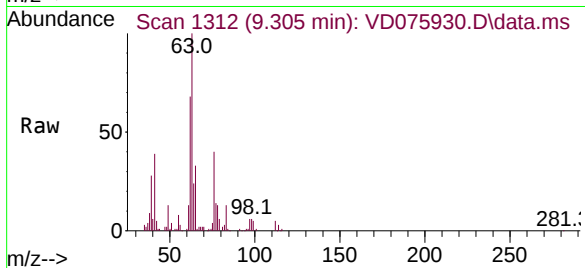
VSTD025141

Tgt Ion: 63 Resp: 125586

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 25.880 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

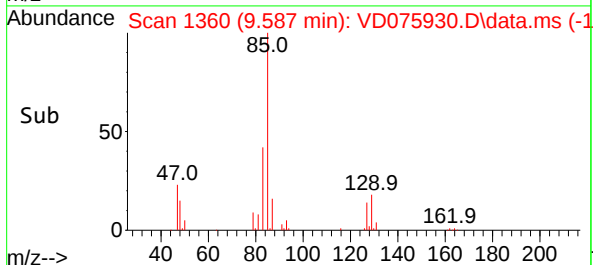
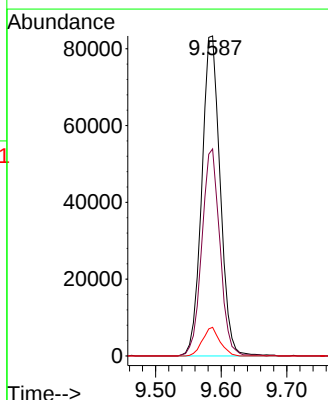
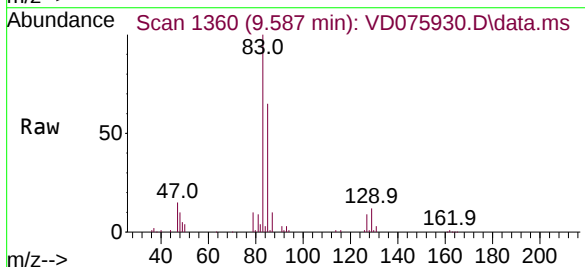
Tgt Ion: 83 Resp: 162626

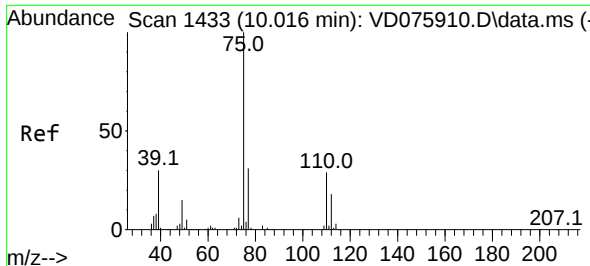
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.2

127 8.9 6.3 9.5

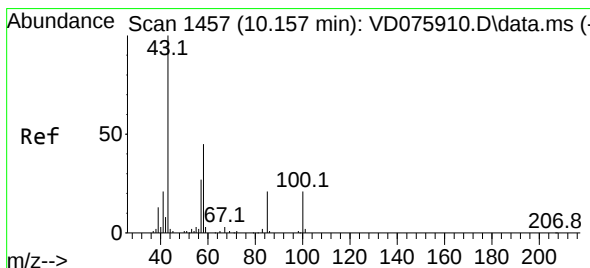
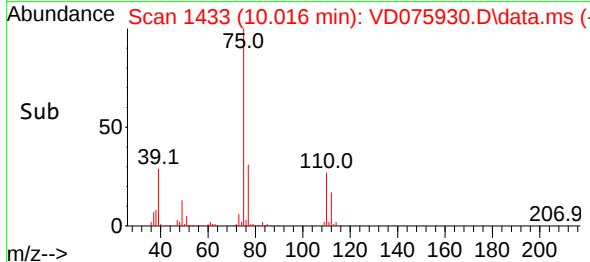
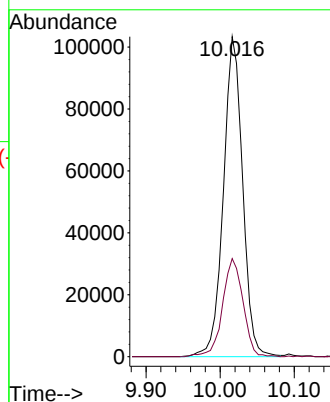
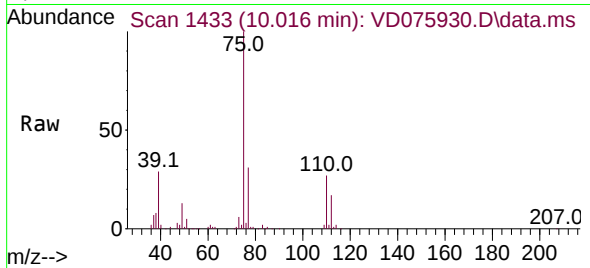




#39
 cis-1,3-Dichloropropene
 Concen: 25.166 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

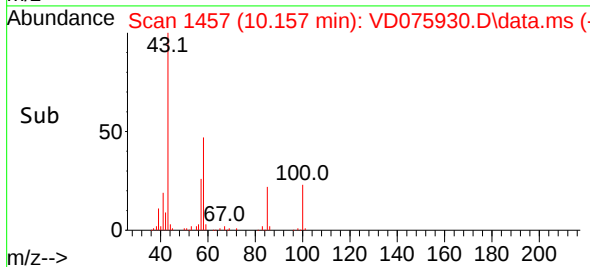
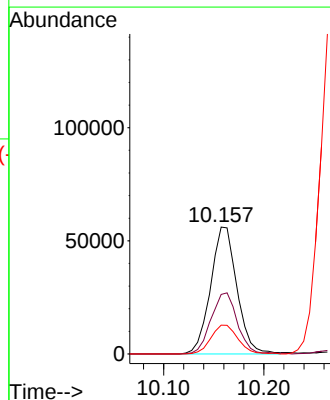
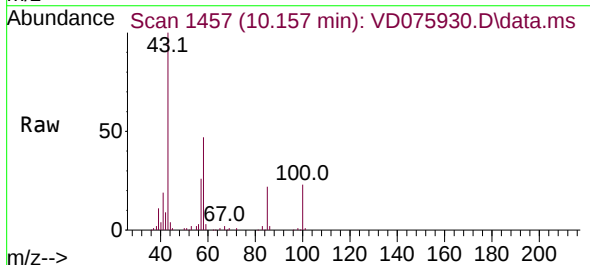
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025141

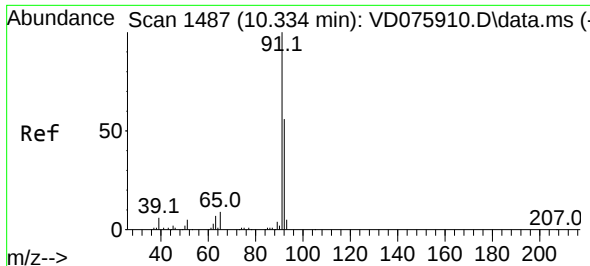
Tgt Ion: 75 Resp: 186520
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 60.347 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD075930.D
 Acq: 29 Apr 2023 21:44

Tgt Ion: 43 Resp: 102540
 Ion Ratio Lower Upper
 43 100
 58 47.9 39.1 58.7
 100 23.1 19.4 29.0





#42

Toluene

Concen: 26.112 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

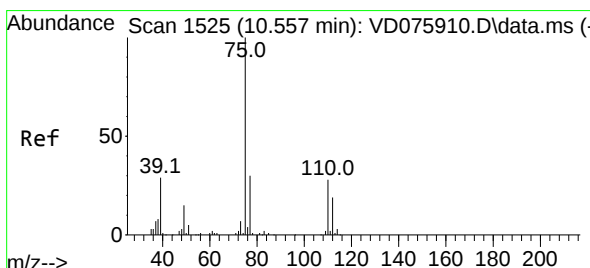
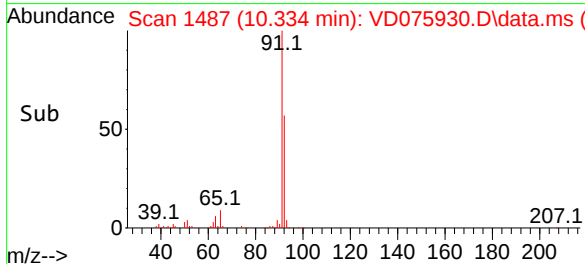
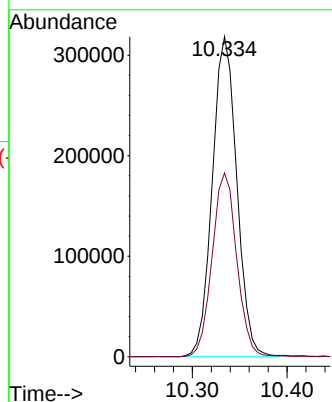
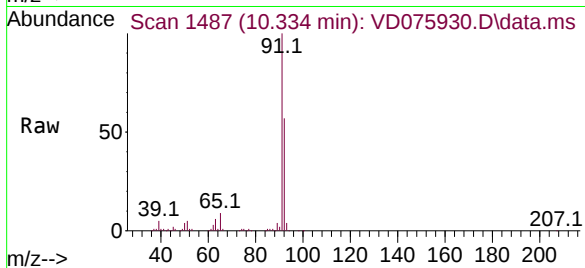
VSTD025141

Tgt Ion: 91 Resp: 573303

Ion Ratio Lower Upper

91 100

92 57.4 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 26.167 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075930.D

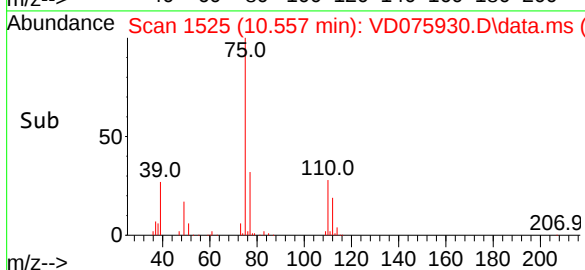
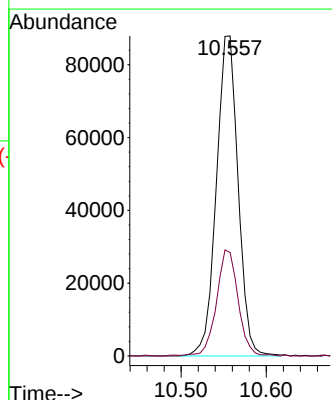
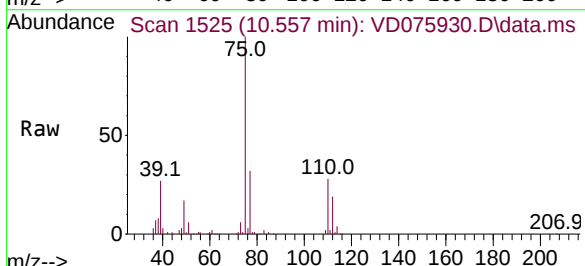
Acq: 29 Apr 2023 21:44

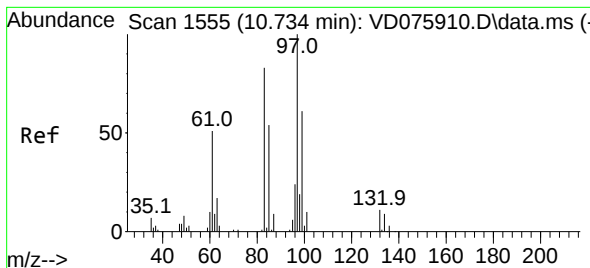
Tgt Ion: 75 Resp: 155802

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 26.084 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025141

Tgt Ion: 97 Resp: 103419

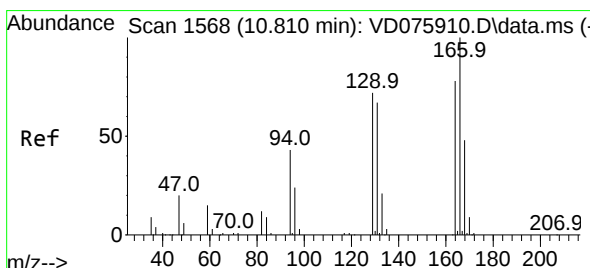
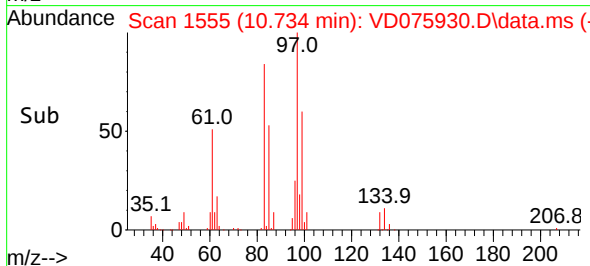
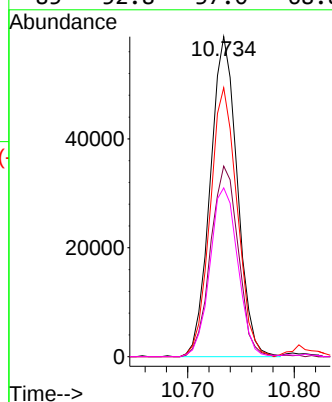
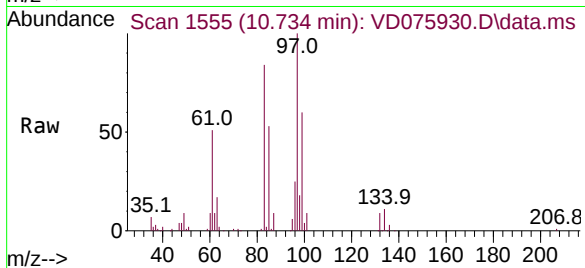
Ion Ratio Lower Upper

97 100

99 59.5 42.2 78.4

83 84.0 54.8 101.8

85 52.8 37.0 68.8



#46

Tetrachloroethene

Concen: 24.940 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Tgt Ion: 164 Resp: 107328

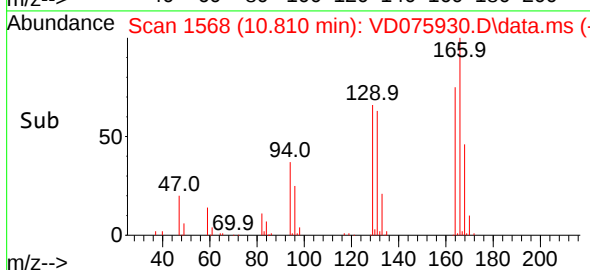
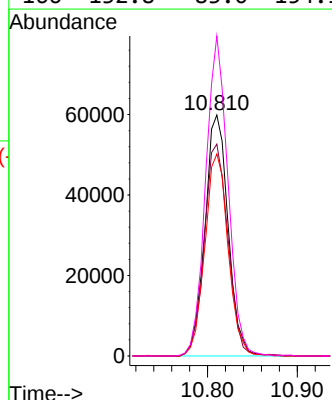
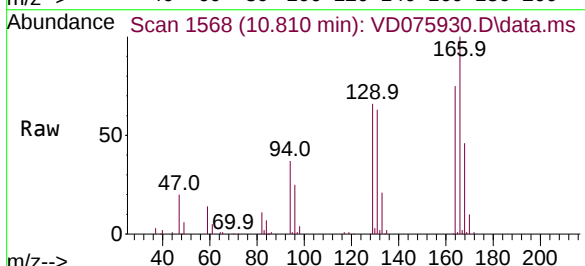
Ion Ratio Lower Upper

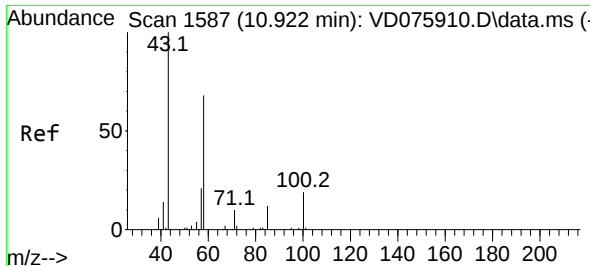
164 100

129 87.9 60.3 112.1

131 83.8 58.9 109.3

166 132.8 83.0 154.1

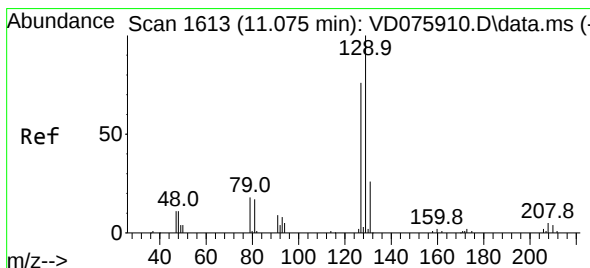
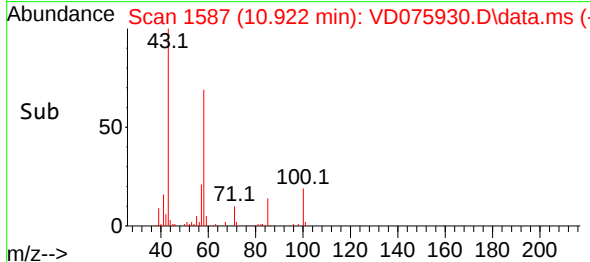
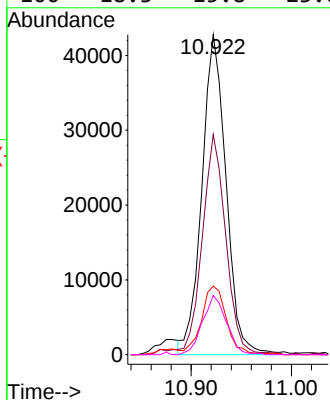
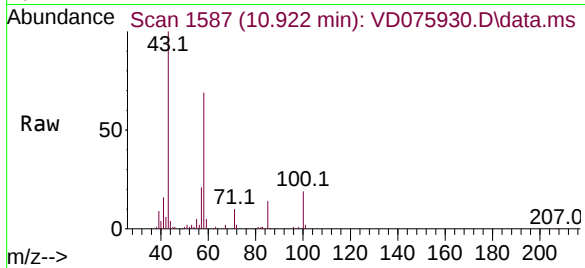




#48
2-Hexanone
Concen: 59.949 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

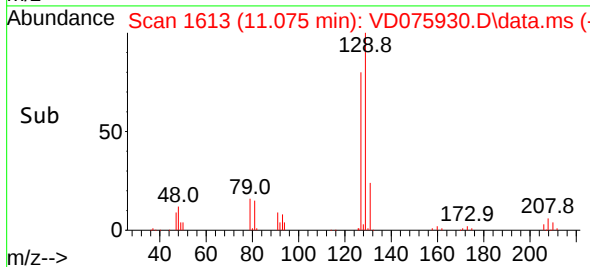
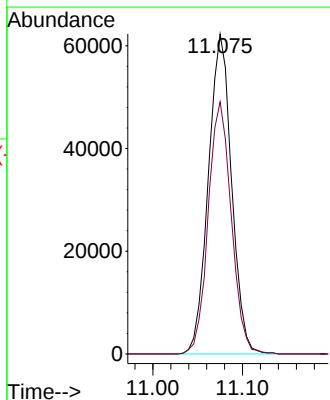
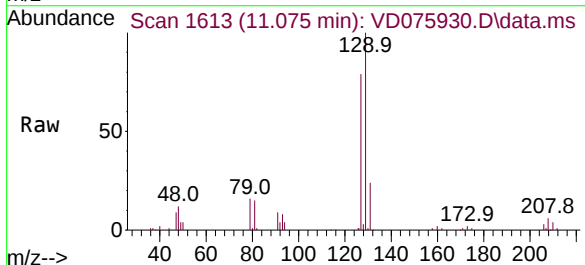
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

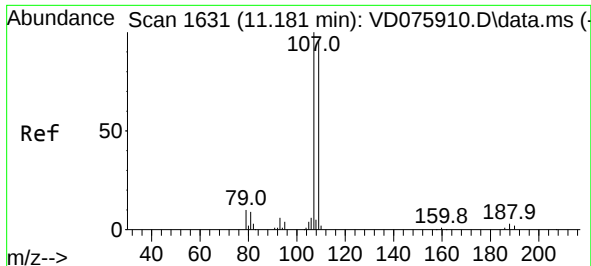
Tgt Ion: 43	Resp: 71811
Ion Ratio	Lower Upper
43 100	
58 65.1	59.7 89.5
57 22.0	17.9 26.9
100 18.3	15.8 23.6



#49
Dibromochloromethane
Concen: 25.945 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion:129	Resp: 111986
Ion Ratio	Lower Upper
129 100	
127 78.8	55.6 103.4

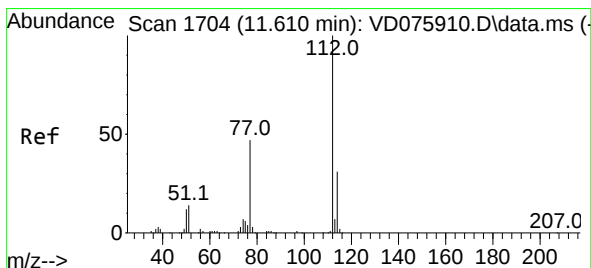
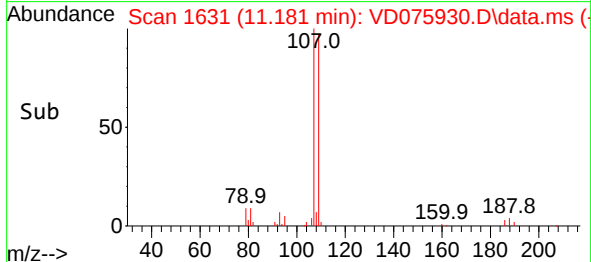
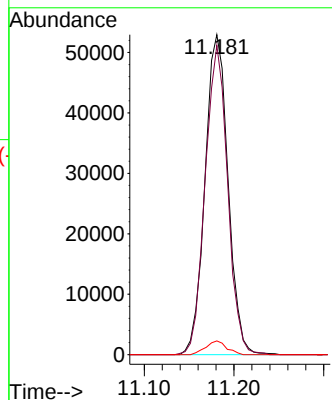
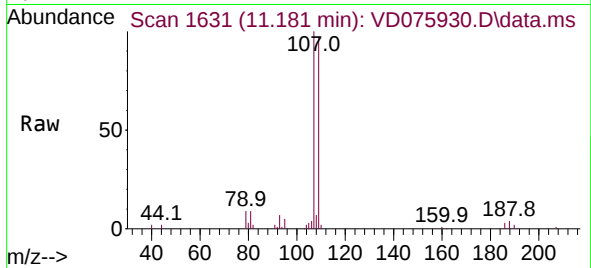




#50
1,2-Dibromoethane
Concen: 26.447 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

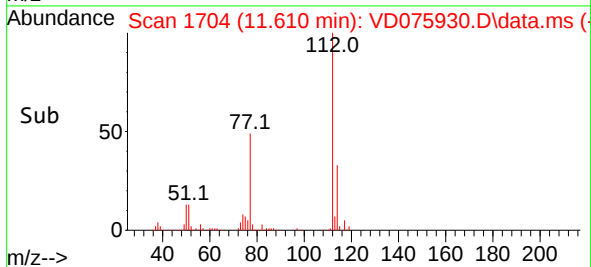
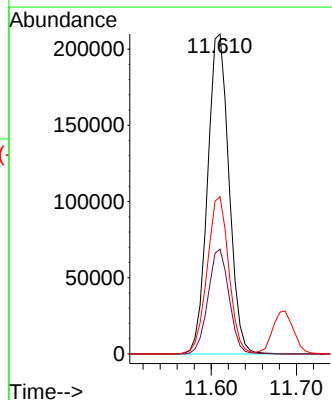
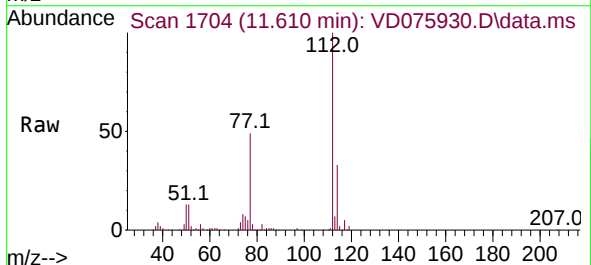
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

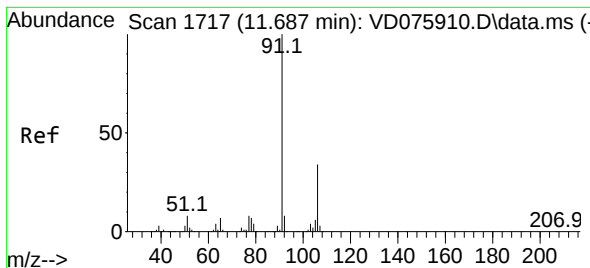
Tgt Ion:107 Resp: 94536
Ion Ratio Lower Upper
107 100
109 96.7 67.6 125.6
188 4.3 3.0 4.6



#51
Chlorobenzene
Concen: 25.508 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion:112 Resp: 366372
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.8
77 49.1 39.7 59.5

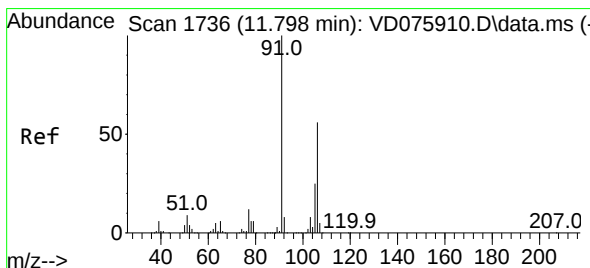
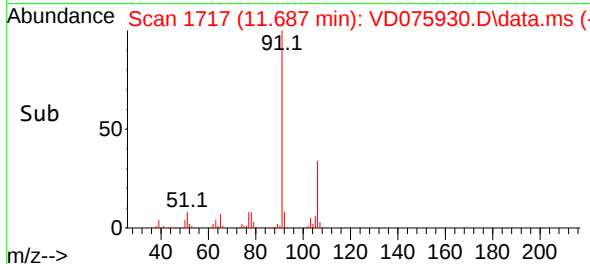
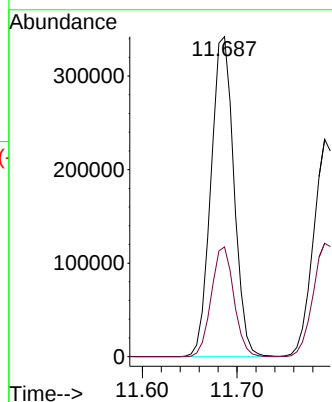
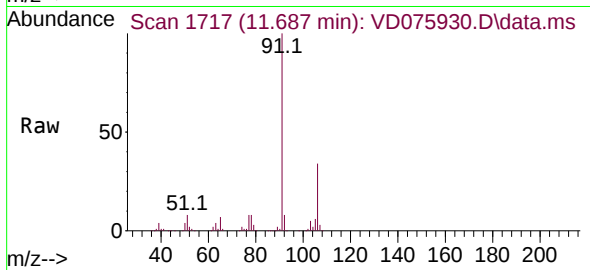




#52
Ethylbenzene
Concen: 25.634 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

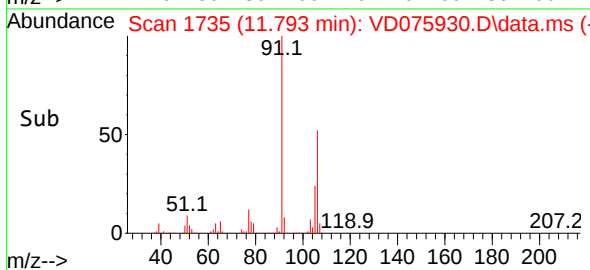
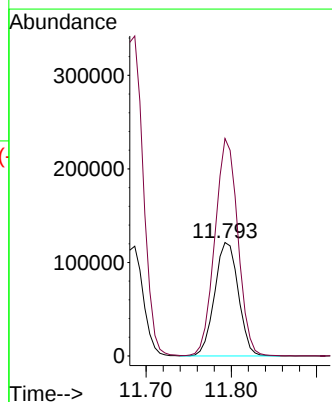
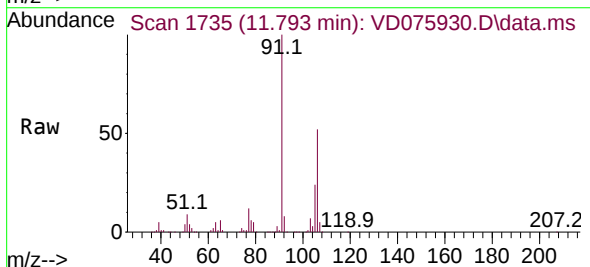
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

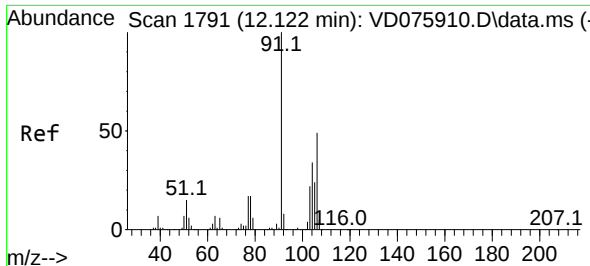
Tgt Ion: 91 Resp: 577121
Ion Ratio Lower Upper
91 100
106 34.3 23.7 43.9



#53
m,p-Xylene
Concen: 26.113 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion: 106 Resp: 234095
Ion Ratio Lower Upper
106 100
91 191.8 130.9 243.1

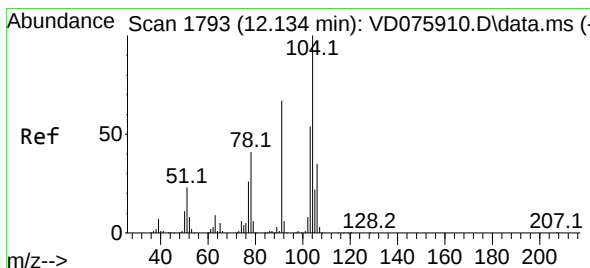
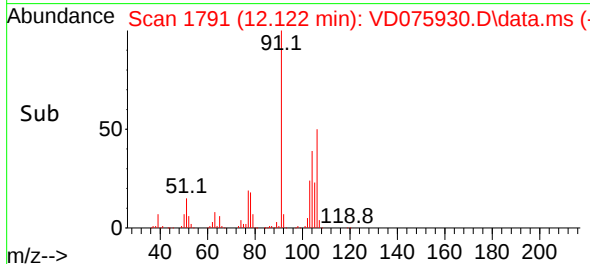
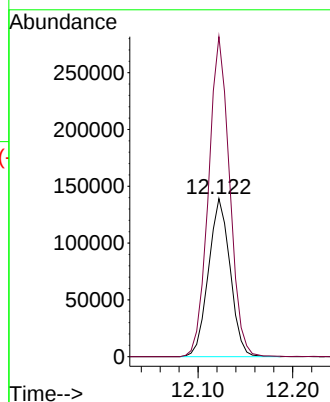
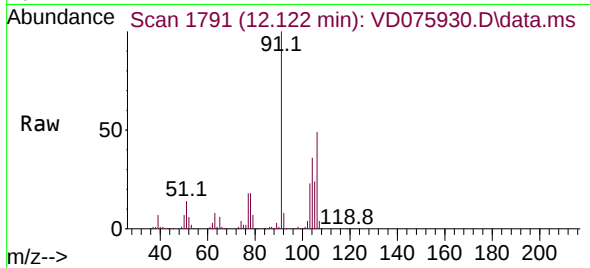




#54
o-Xylene
Concen: 25.891 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

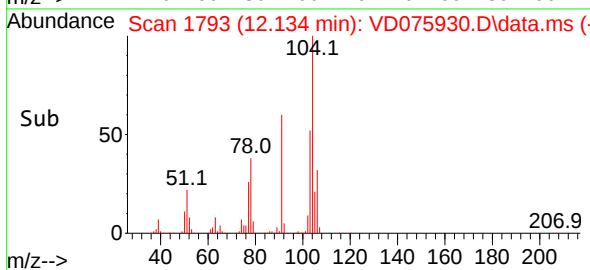
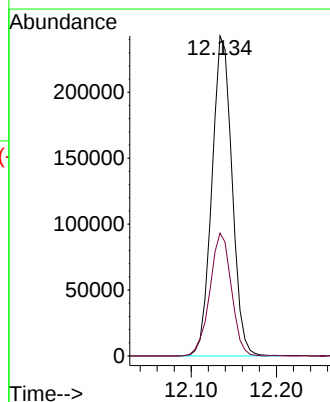
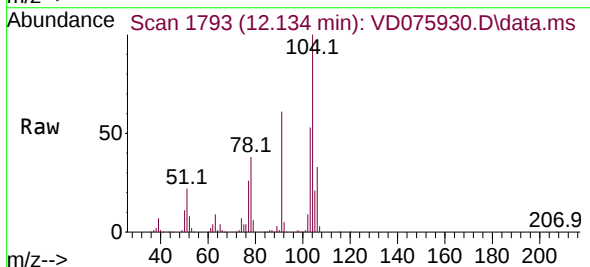
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

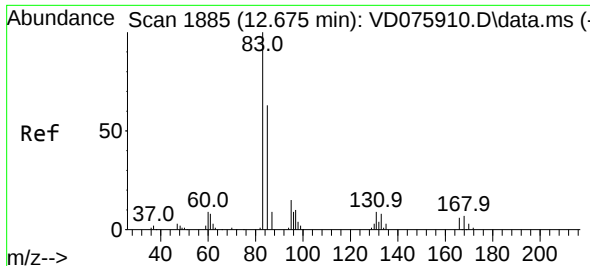
Tgt Ion:106 Resp: 220459
Ion Ratio Lower Upper
106 100
91 202.4 139.8 259.6



#55
Styrene
Concen: 26.894 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion:104 Resp: 398560
Ion Ratio Lower Upper
104 100
78 38.4 26.2 48.6

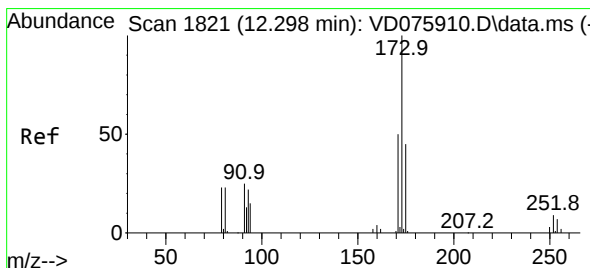
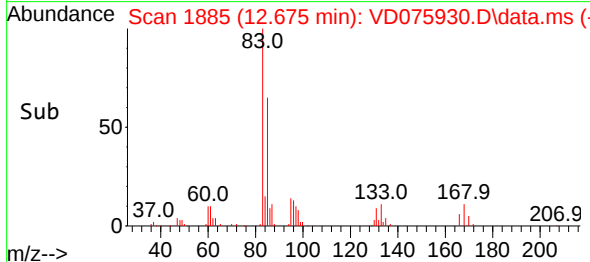
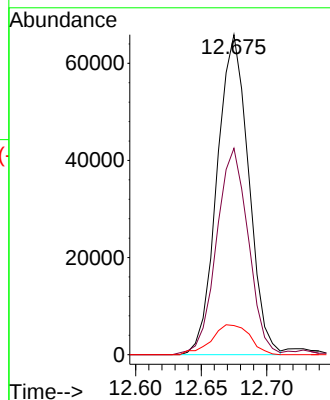
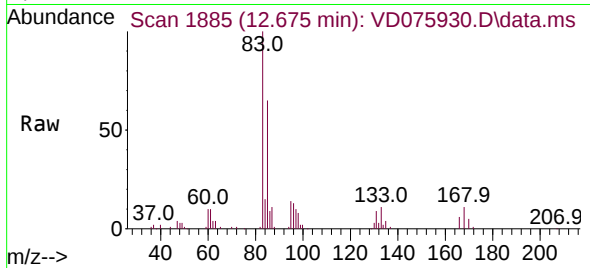




#57
1,1,2,2-Tetrachloroethane
Concen: 27.305 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

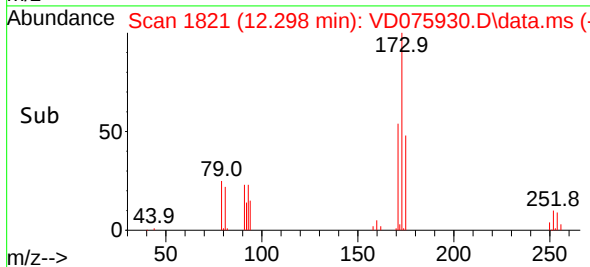
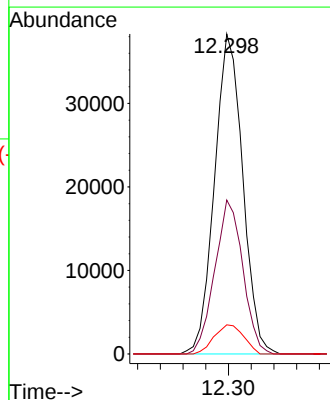
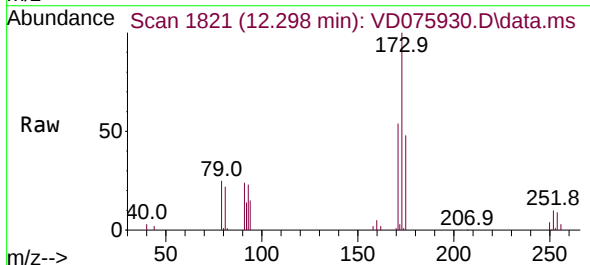
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

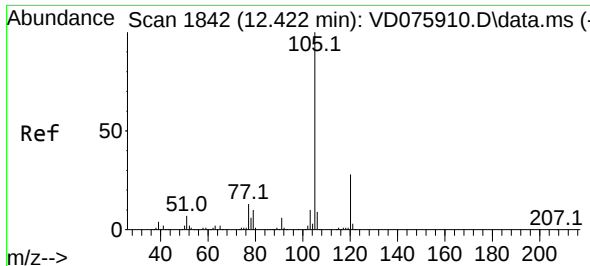
Tgt Ion: 83 Resp: 110149
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 9.1 7.0 10.6



#59
Bromoform
Concen: 25.959 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion: 173 Resp: 65955
Ion Ratio Lower Upper
173 100
175 47.9 39.4 59.0
254 9.5 7.4 11.2

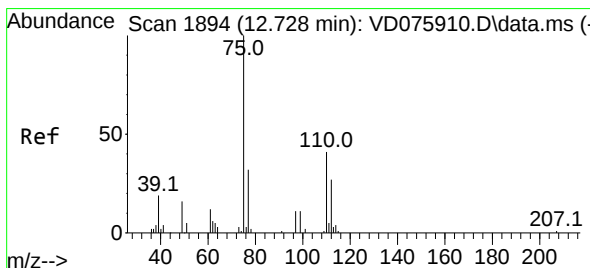
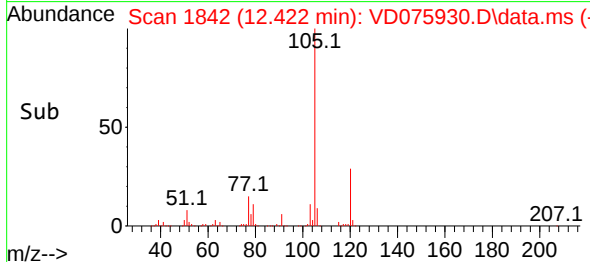
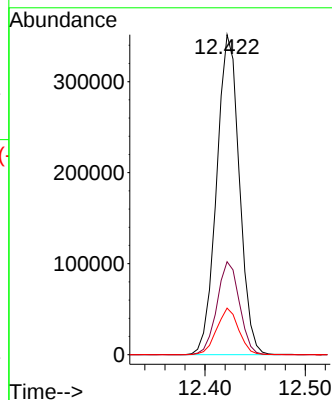
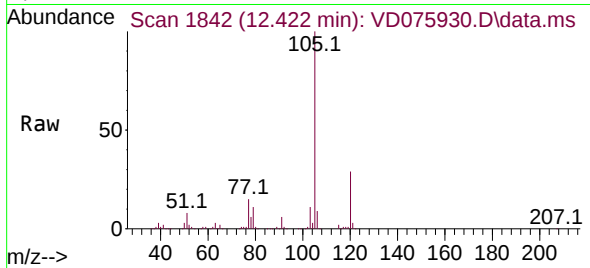




#60
Isopropylbenzene
Concen: 25.156 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

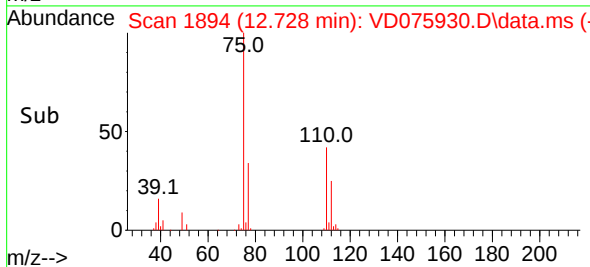
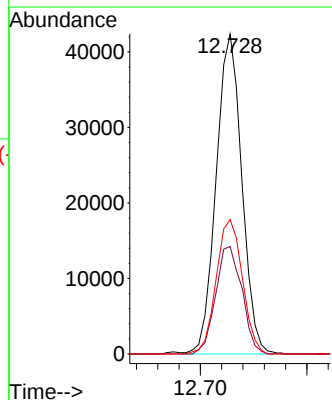
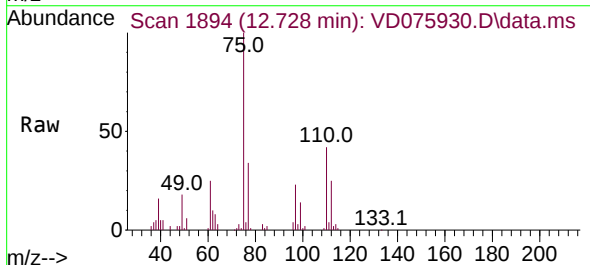
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

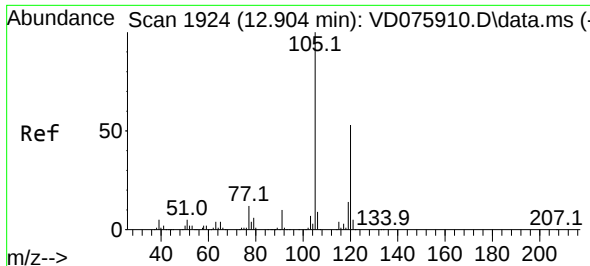
Tgt Ion:105 Resp: 552977
Ion Ratio Lower Upper
105 100
120 28.7 22.7 34.1
77 14.1 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 27.150 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion: 75 Resp: 70704
Ion Ratio Lower Upper
75 100
77 34.3 26.6 39.8
110 42.9 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 25.626 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

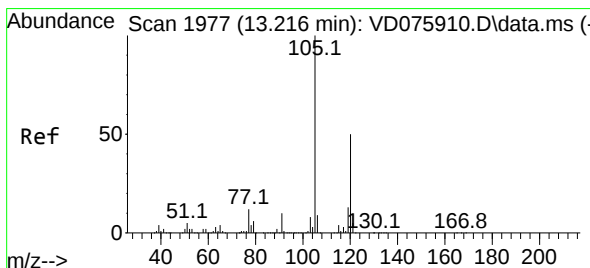
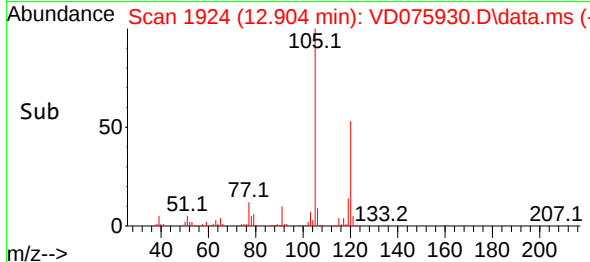
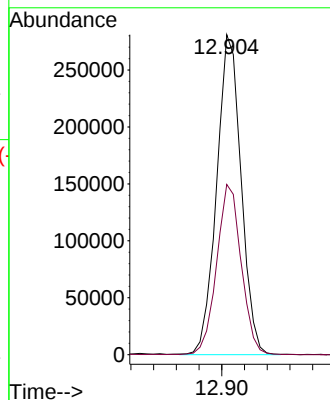
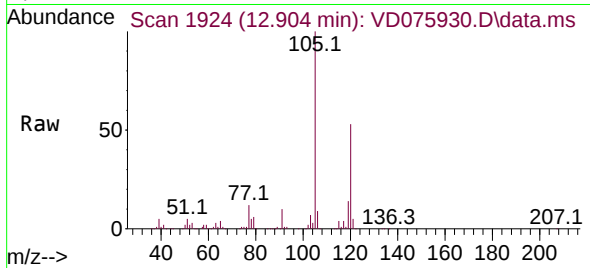
VSTD025141

Tgt Ion:105 Resp: 420047

Ion Ratio Lower Upper

105 100

120 53.5 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 26.071 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075930.D

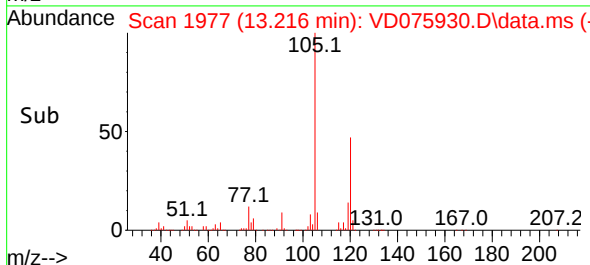
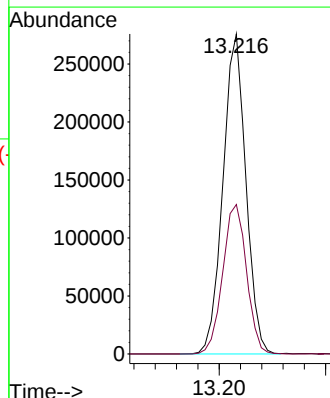
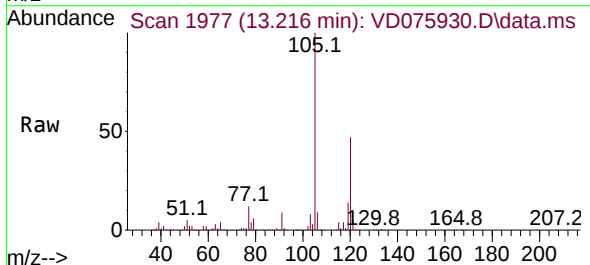
Acq: 29 Apr 2023 21:44

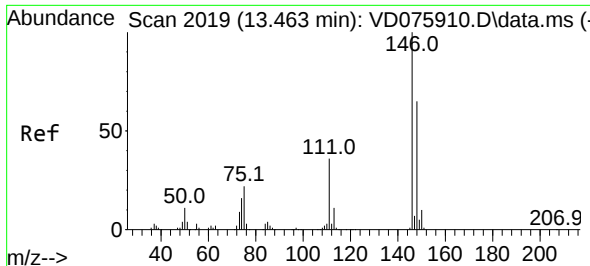
Tgt Ion:105 Resp: 411942

Ion Ratio Lower Upper

105 100

120 48.5 39.0 58.6

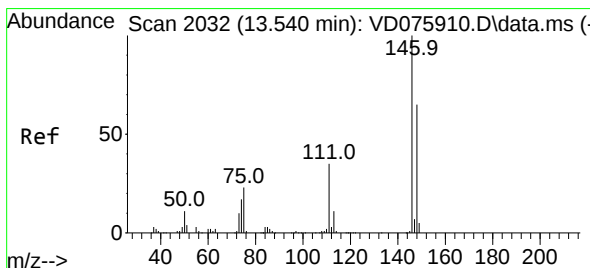
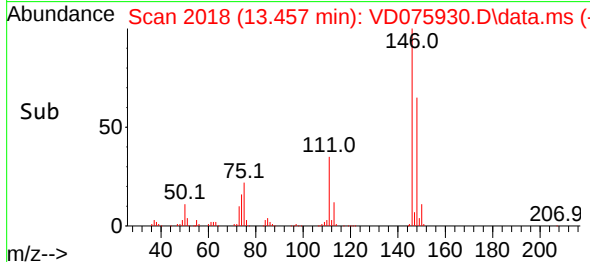
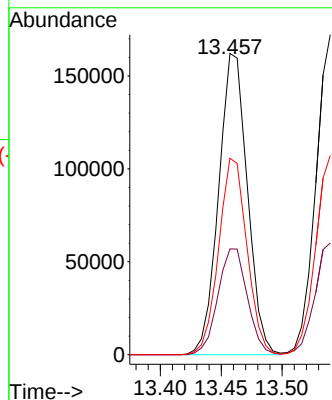
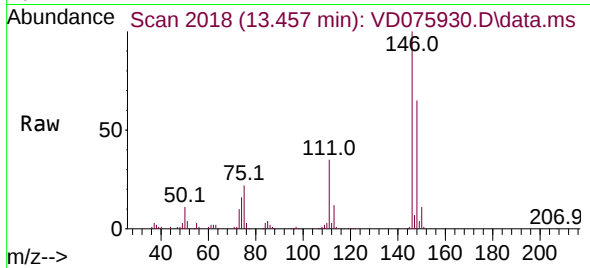




#64
1,3-Dichlorobenzene
Concen: 25.323 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

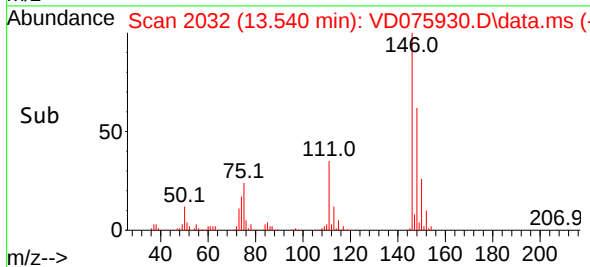
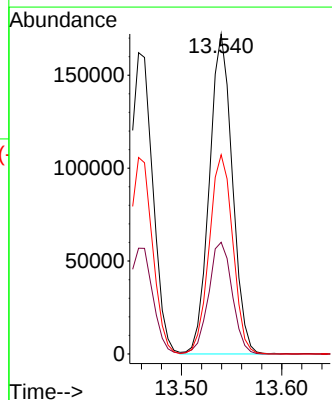
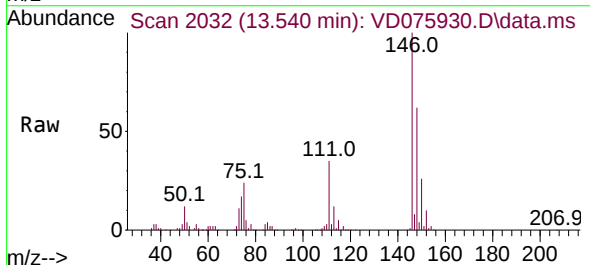
Instrument :
MSVOA_D
ClientSampleId :
VSTD025141

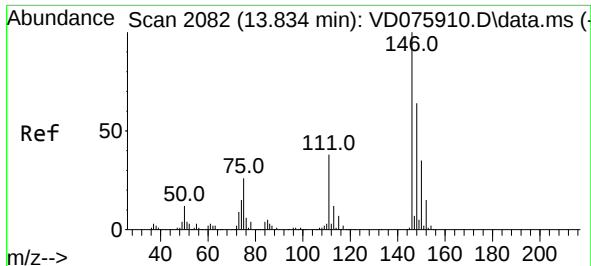
Tgt Ion:146 Resp: 266341
Ion Ratio Lower Upper
146 100
111 35.1 26.5 49.1
148 65.2 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.825 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075930.D
Acq: 29 Apr 2023 21:44

Tgt Ion:146 Resp: 274026
Ion Ratio Lower Upper
146 100
111 34.9 24.6 45.8
148 62.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.467 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025141

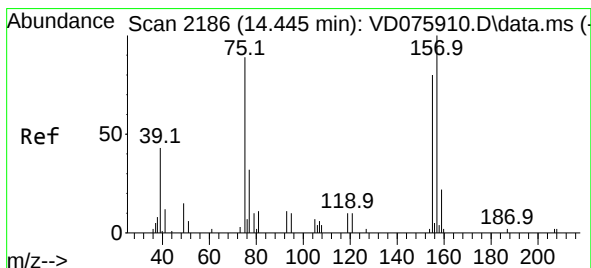
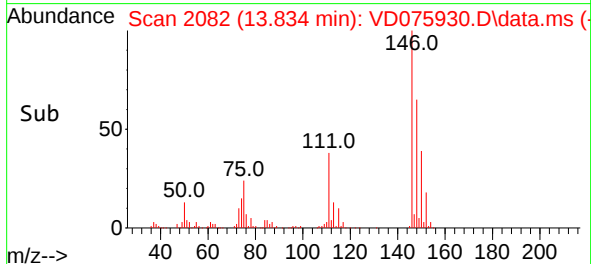
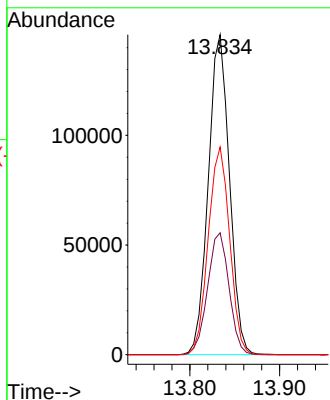
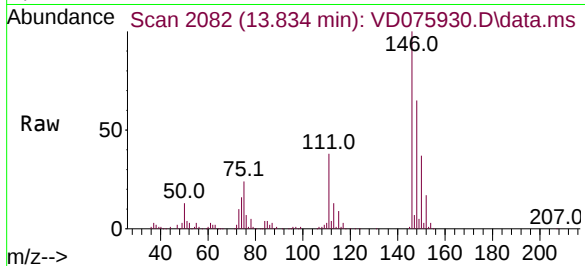
Tgt Ion:146 Resp: 239198

Ion Ratio Lower Upper

146 100

111 38.1 30.6 46.0

148 64.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.022 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

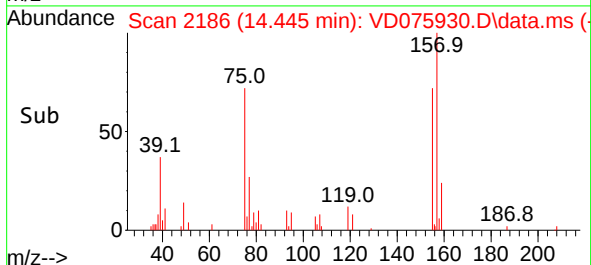
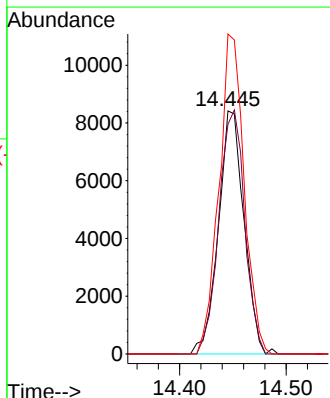
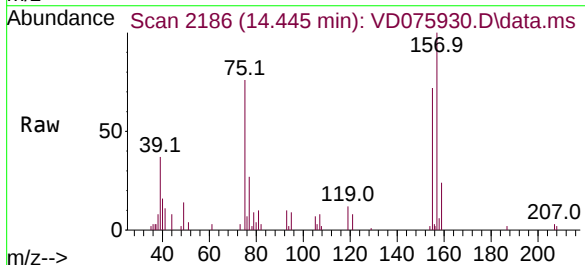
Tgt Ion: 75 Resp: 14068

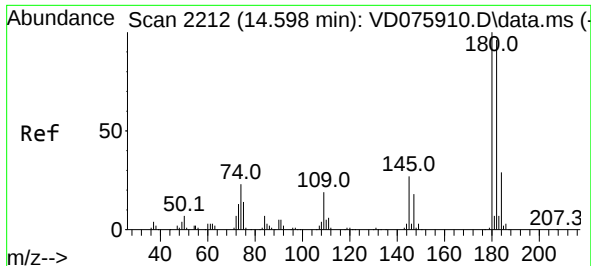
Ion Ratio Lower Upper

75 100

155 94.5 74.6 111.8

157 131.7 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 22.428 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025141

Tgt Ion:180 Resp: 158110

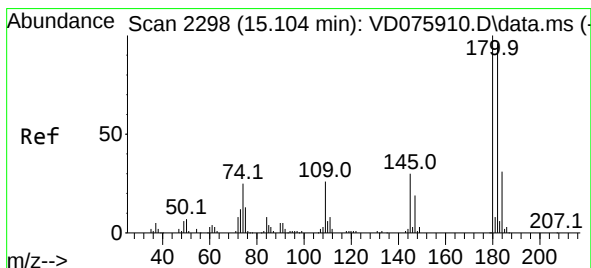
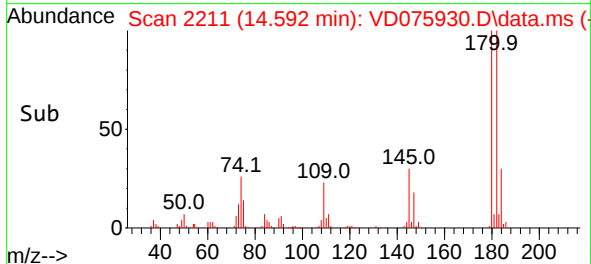
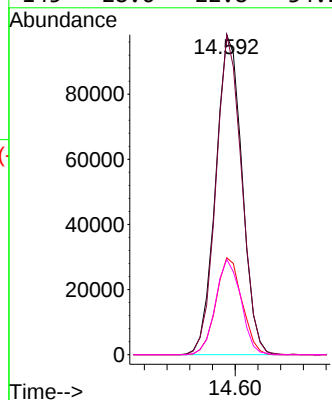
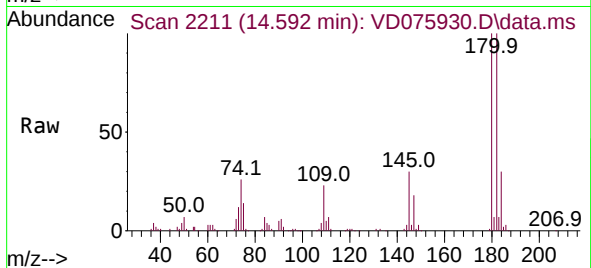
Ion Ratio Lower Upper

180 100

182 97.2 74.9 112.3

184 30.0 25.0 37.4

145 28.6 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 21.891 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

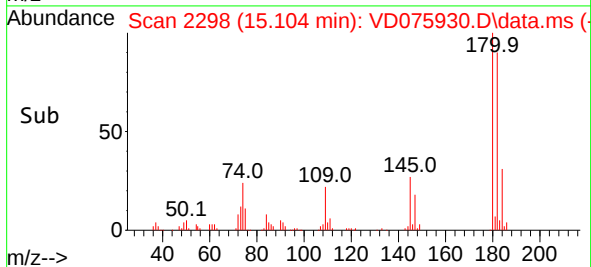
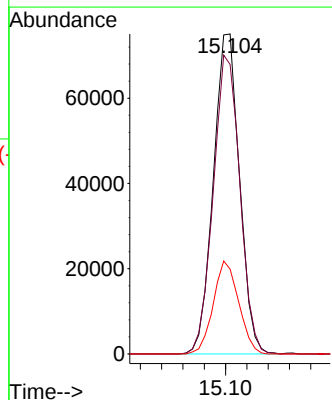
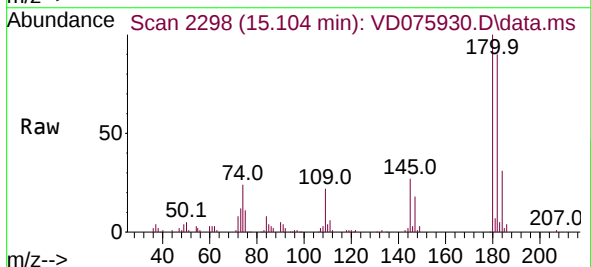
Tgt Ion:180 Resp: 127890

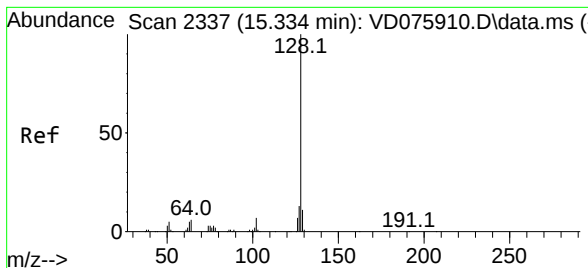
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

145 28.2 23.6 35.4





#71

Naphthalene

Concen: 24.943 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025141

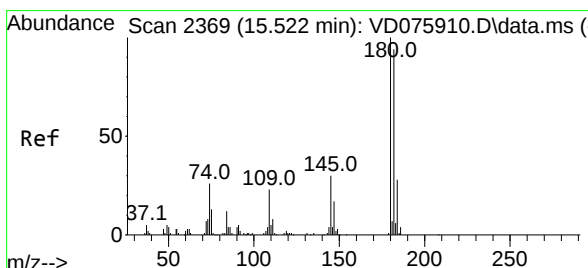
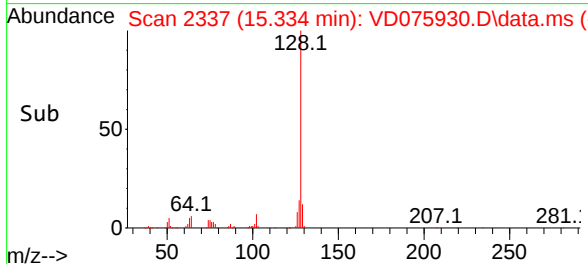
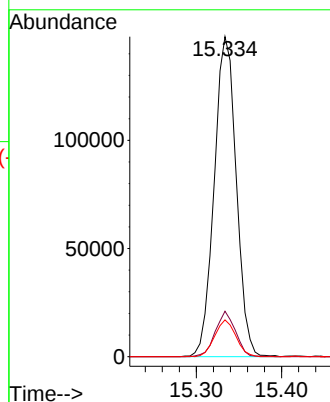
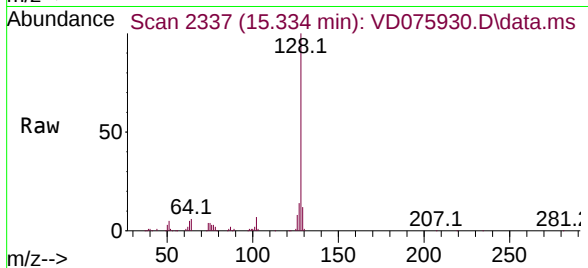
Tgt Ion:128 Resp: 266667

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.0 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 23.792 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075930.D

Acq: 29 Apr 2023 21:44

Tgt Ion:180 Resp: 124072

Ion Ratio Lower Upper

180 100

182 93.8 76.3 114.5

145 29.9 25.0 37.6

