

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075910.D
 Acq On : 29 Apr 2023 11:54
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025140

Quant Time: May 01 00:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	385745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	361271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	179432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	218934	25.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.480%	
7) Chloroethane-d5	2.805	69	185740	25.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.600%	
11) 1,1-Dichloroethene-d2	3.922	65	48809	25.018	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.080%	
21) 2-Butanone-d5	6.987	46	38428	52.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.620%	
24) Chloroform-d	7.569	84	249250	25.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.360%	
26) 1,2-Dichloroethane-d4	8.228	65	105626	25.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.560%	
32) Benzene-d6	8.205	84	532143	25.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.080%	
36) 1,2-Dichloropropane-d6	9.210	67	147987	25.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.560%	
41) Toluene-d8	10.269	98	503182	25.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.120%	
43) trans-1,3-Dichloroprop...	10.528	79	58040	24.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.360%	
47) 2-Hexanone-d5	10.881	63	37243	53.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.140%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	113310	25.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.640%	
66) 1,2-Dichlorobenzene-d4	13.816	152	149164	23.503	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	148140	27.858	ug/L	99
3) Chloromethane	2.146	50	203311	27.426	ug/L	97
5) Vinyl chloride	2.287	62	262091	27.052	ug/L	99
6) Bromomethane	2.693	94	149036	22.893	ug/L	98
8) Chloroethane	2.840	64	163038	26.020	ug/L	97
9) Trichlorofluoromethane	3.175	101	207769	26.690	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	143054	27.353	ug/L	97
12) 1,1-Dichloroethene	3.940	96	132473	26.119	ug/L	92
13) Acetone	4.022	43	33389	53.110	ug/L	67
14) Carbon disulfide	4.269	76	448480	25.316	ug/L	98
15) Methyl Acetate	4.564	43	35508	26.062	ug/L #	61
16) Methylene chloride	4.805	84	157273	20.098	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	142455	25.049	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	215625	23.636	ug/L	98
19) 1,1-Dichloroethane	6.111	63	219202	26.310	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	147935	24.600	ug/L	96
22) 2-Butanone	7.081	43	43477	53.047	ug/L	95
23) Bromochloromethane	7.428	128	71862	25.767	ug/L #	92
25) Chloroform	7.593	83	242310	25.950	ug/L	100

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 Response via : Initial Calibration

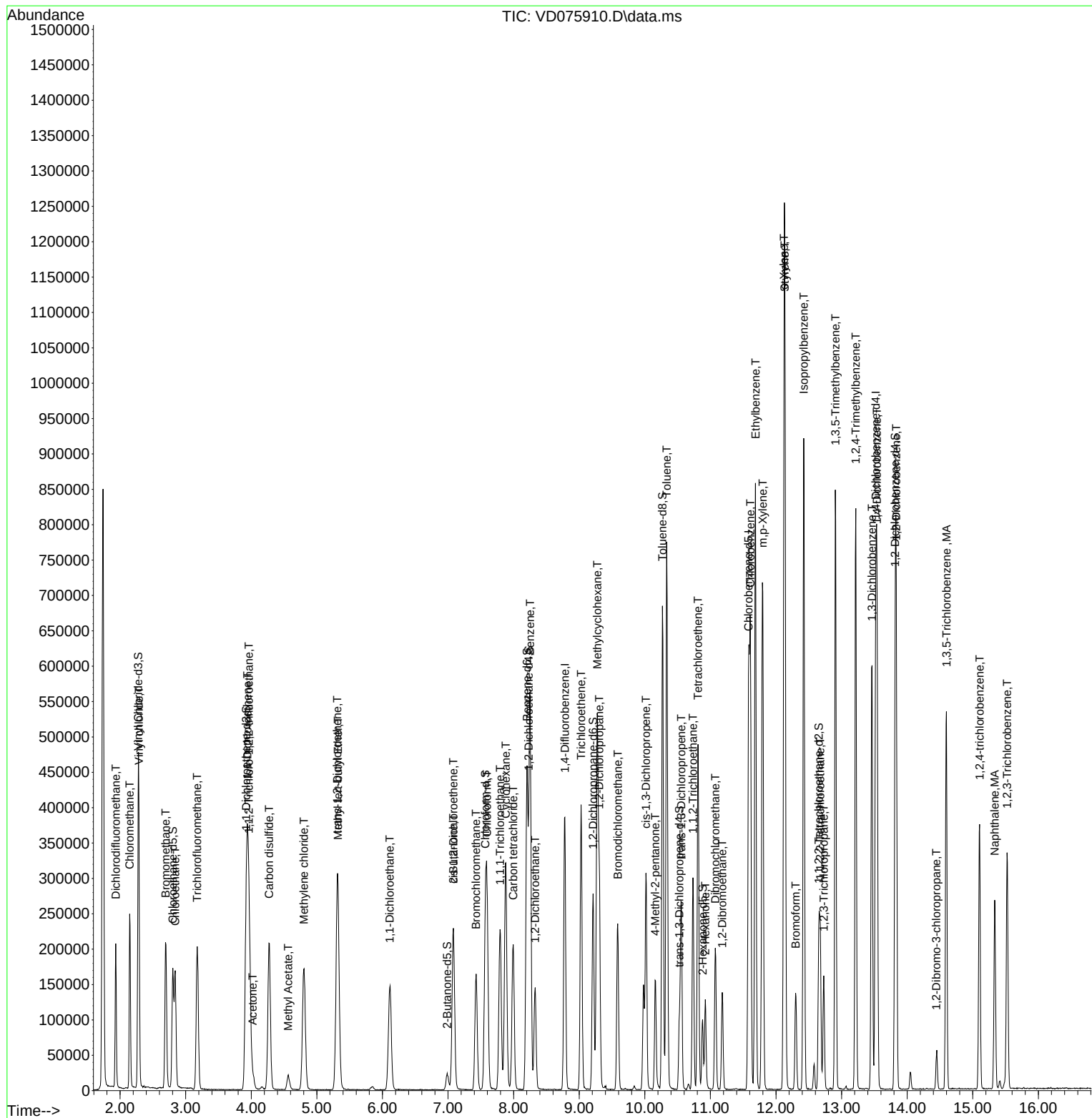
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	126642	26.276	ug/L	99
29) Cyclohexane	7.881	56	171428	27.719	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	193978	25.378	ug/L	99
31) Carbon tetrachloride	7.993	117	163029	26.585	ug/L	97
33) Benzene	8.252	78	564358	25.825	ug/L	100
34) Trichloroethene	9.028	95	142379	25.194	ug/L	97
35) Methylcyclohexane	9.275	83	238278	27.348	ug/L	98
37) 1,2-Dichloropropane	9.304	63	128168	25.533	ug/L	98
38) Bromodichloromethane	9.587	83	169718	25.075	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	197020	24.679	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	95742	52.313	ug/L	97
42) Toluene	10.334	91	629215	26.607	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	161023	25.108	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	102937	24.104	ug/L	97
46) Tetrachloroethene	10.810	164	121099	26.126	ug/L	94
48) 2-Hexanone	10.922	43	70416	54.576	ug/L	94
49) Dibromochloromethane	11.075	129	113459	24.405	ug/L	96
50) 1,2-Dibromoethane	11.181	107	92945	24.141	ug/L	99
51) Chlorobenzene	11.610	112	391021	25.275	ug/L	96
52) Ethylbenzene	11.687	91	636091	26.231	ug/L	99
53) m,p-Xylene	11.798	106	260413	26.969	ug/L	94
54) o-Xylene	12.122	106	238538	26.009	ug/L	98
55) Styrene	12.134	104	431255	27.016	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	108517	24.974	ug/L	99
59) Bromoform	12.298	173	67707	24.621	ug/L	96
60) Isopropylbenzene	12.422	105	612826	25.757	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	69456	24.641	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	459100	25.877	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	443678	25.943	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	284006	24.948	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	292331	24.468	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	251016	24.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13728	24.362	ug/L	87
69) 1,3,5-Trichlorobenzene	14.598	180	181006	23.722	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	131378	20.777	ug/L	100
71) Naphthalene	15.334	128	248207	21.450	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	122438	21.692	ug/L	99

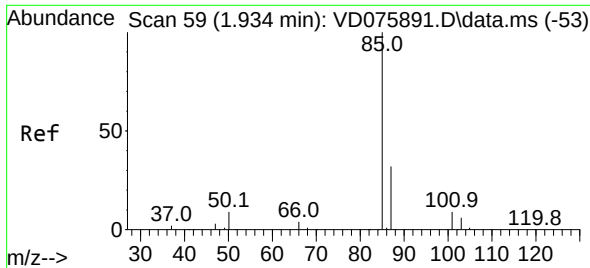
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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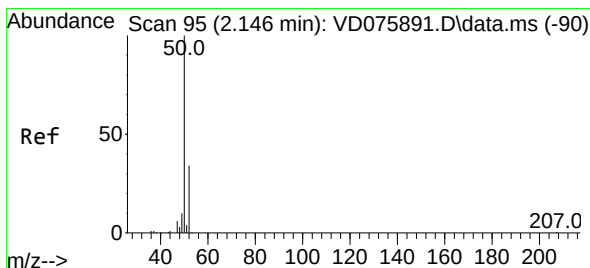
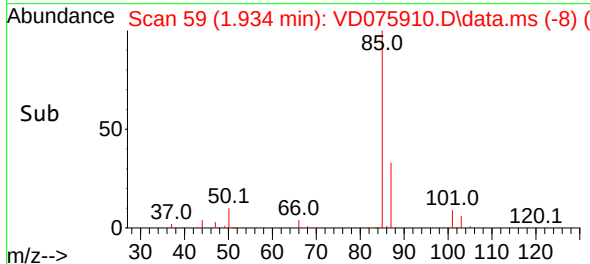
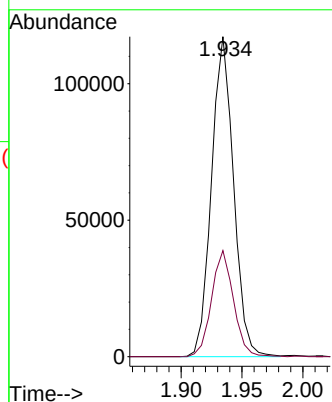
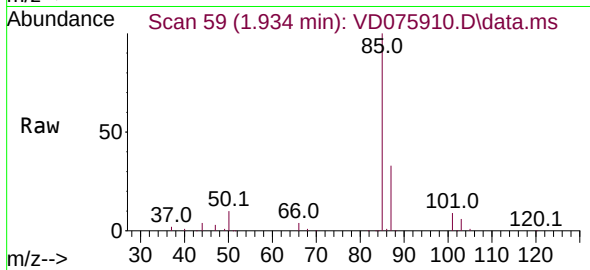




#2
 Dichlorodifluoromethane
 Concen: 27.858 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

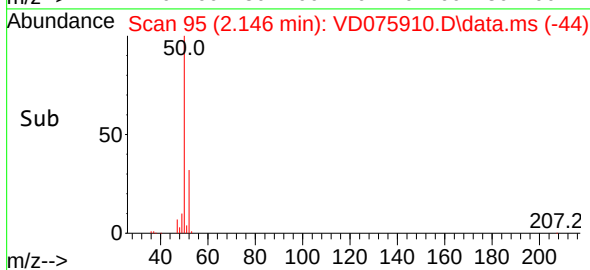
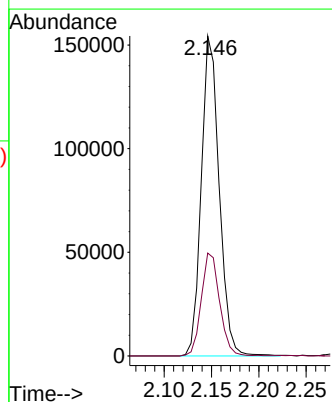
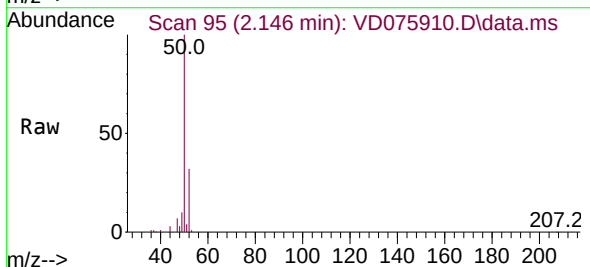
Instrument :
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 ClientSampleId :
 VSTD025140

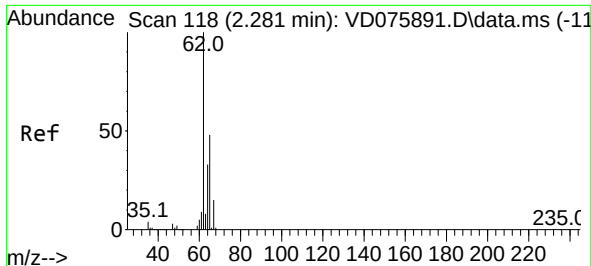
Tgt Ion: 85 Resp: 148140
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 27.426 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

Tgt Ion: 50 Resp: 203311
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.7 44.1

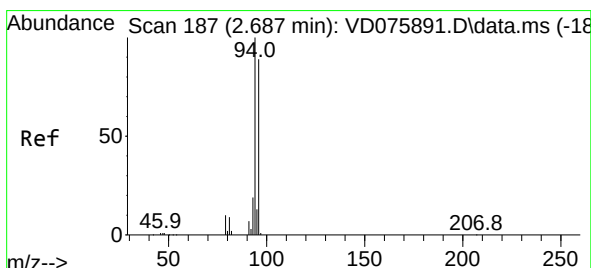
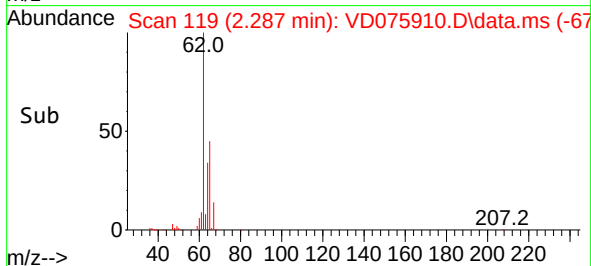
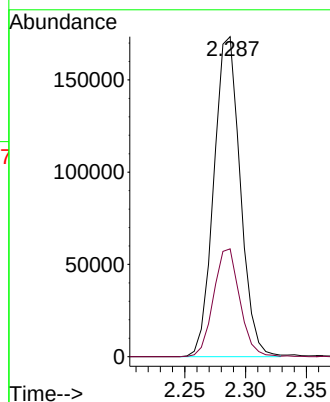
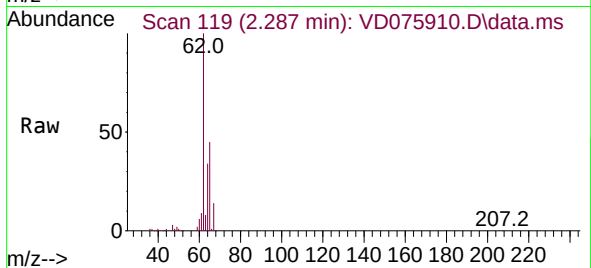




#5
 Vinyl chloride
 Concen: 27.052 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

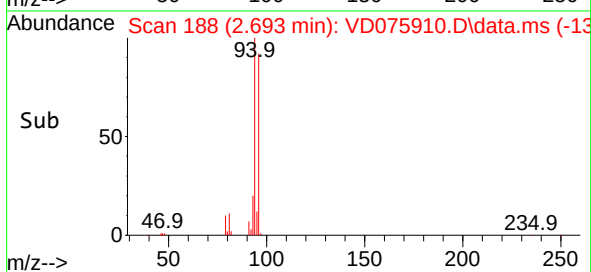
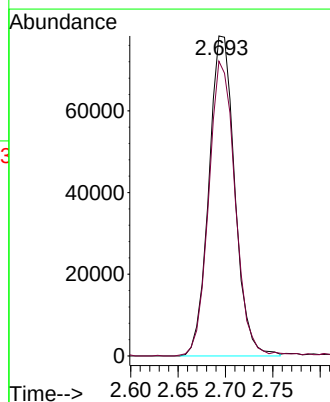
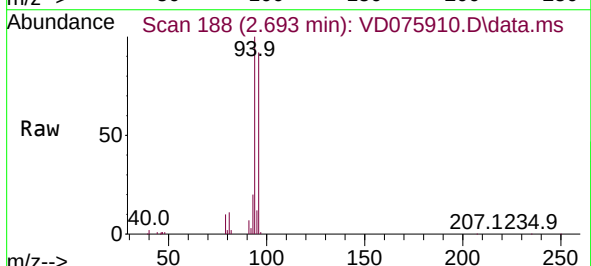
Instrument :
 MSVOA_D
 ClientSampleId :
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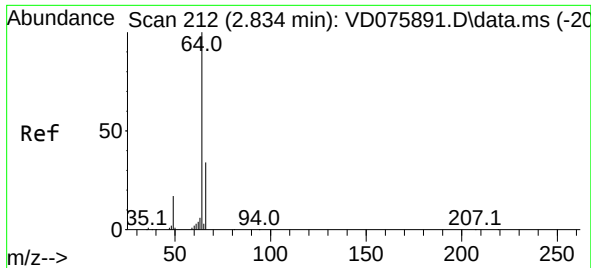
Tgt Ion: 62 Resp: 262091
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.0



#6
 Bromomethane
 Concen: 22.893 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

Tgt Ion: 94 Resp: 149036
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.7 121.9

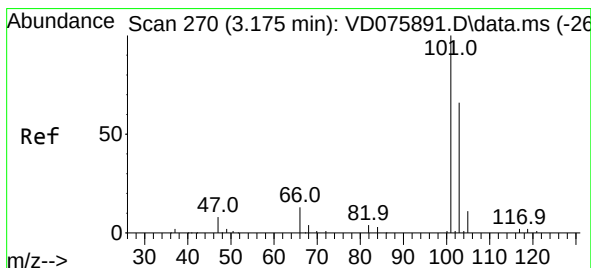
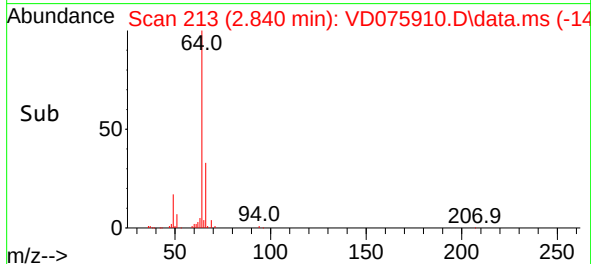
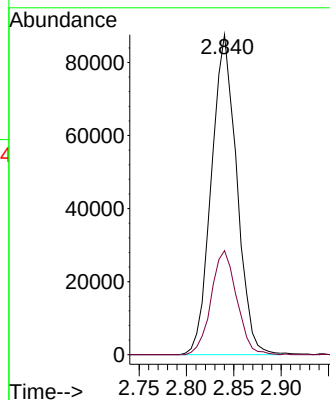
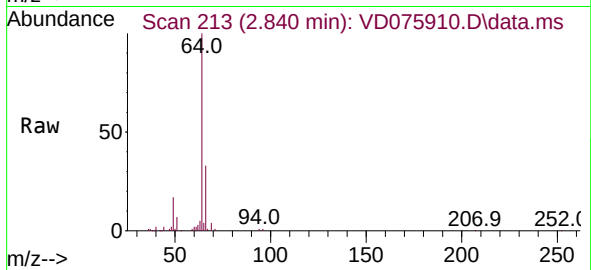




#8
Chloroethane
Concen: 26.020 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

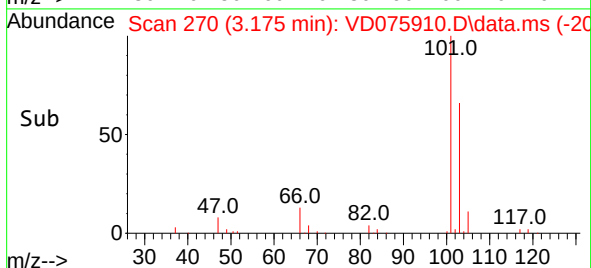
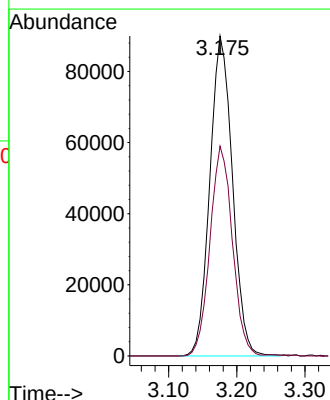
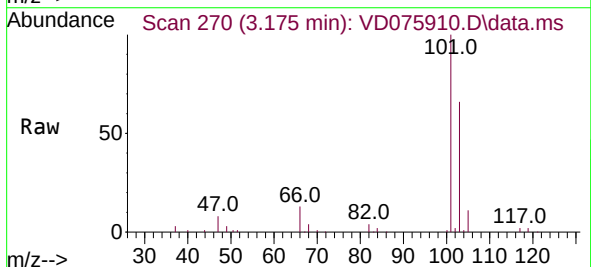
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ClientSampleId :
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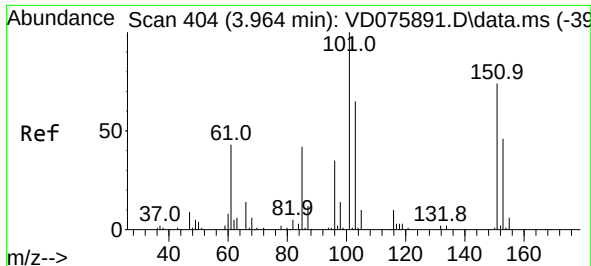
Tgt Ion: 64 Resp: 163038
Ion Ratio Lower Upper
64 100
66 32.5 21.8 40.4



#9
Trichlorofluoromethane
Concen: 26.690 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:101 Resp: 207769
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

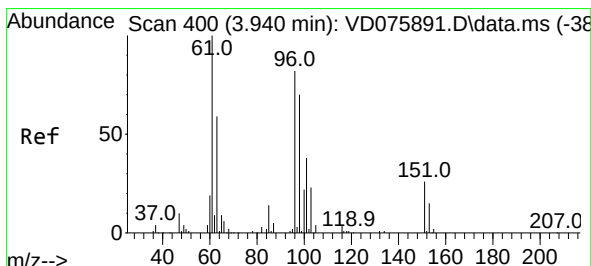
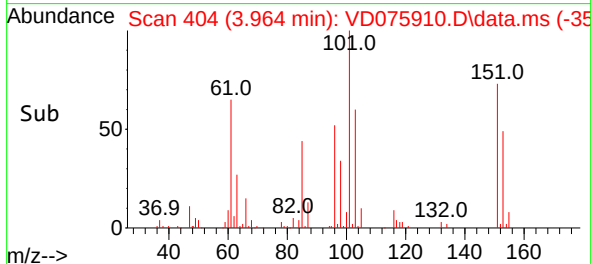
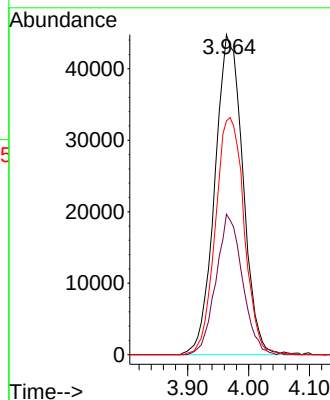
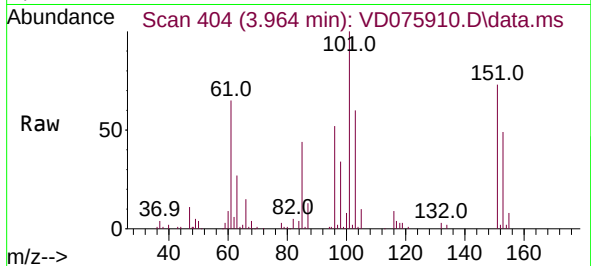




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.353 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD075910.D
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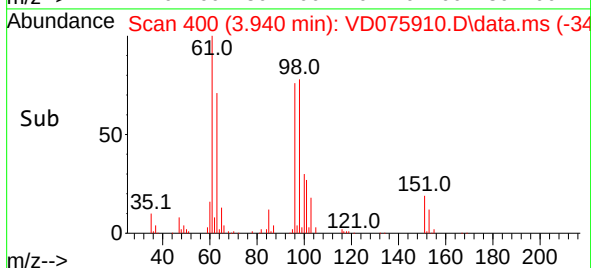
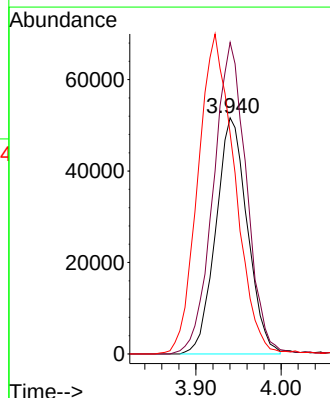
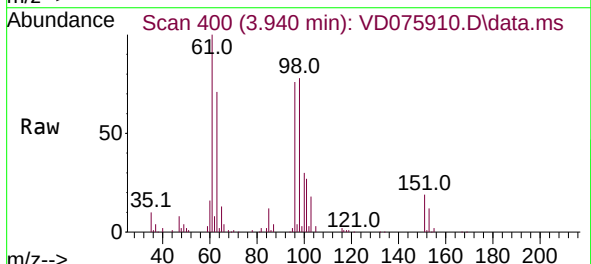
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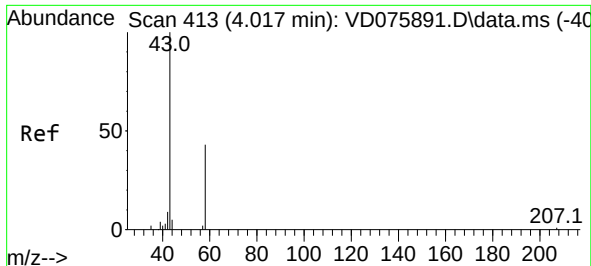
Tgt Ion:101 Resp: 143054
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.9 49.3
 151 75.8 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.119 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

Tgt Ion: 96 Resp: 132473
 Ion Ratio Lower Upper
 96 100
 61 131.9 92.6 172.0
 63 93.4 77.4 143.8





#13

Acetone

Concen: 53.110 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

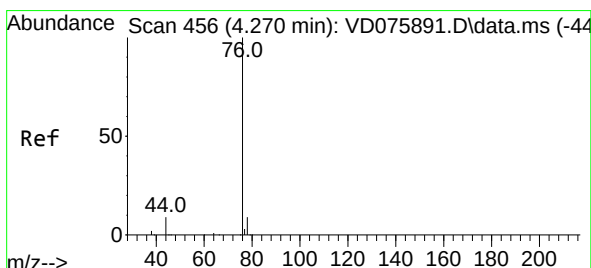
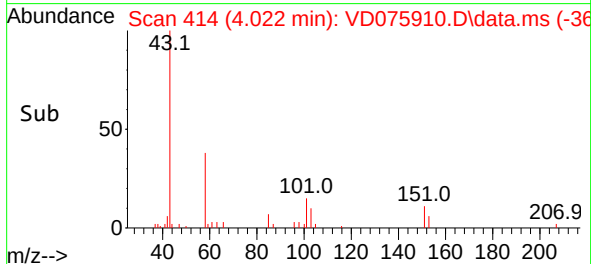
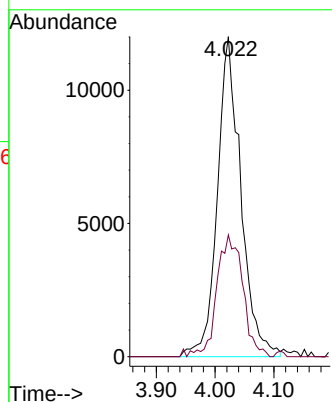
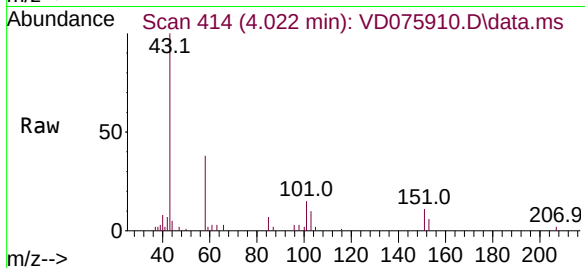
VSTD025140

Tgt Ion: 43 Resp: 33389

Ion Ratio Lower Upper

43 100

58 22.5 0.0 87.4



#14

Carbon disulfide

Concen: 25.316 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

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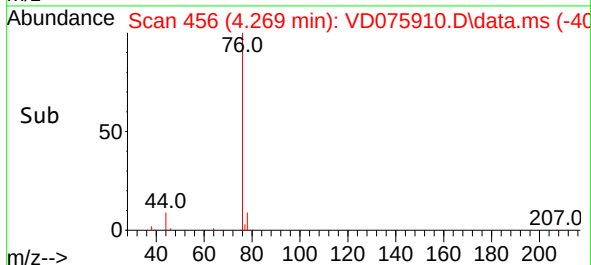
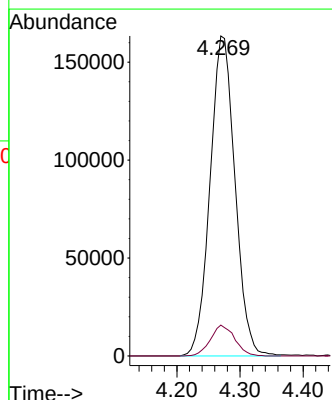
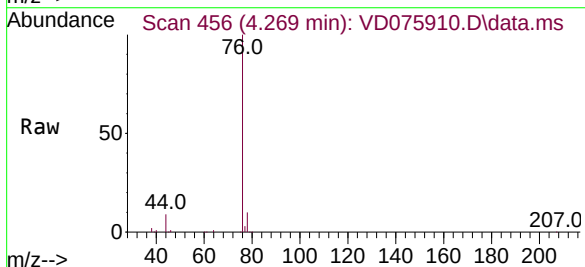
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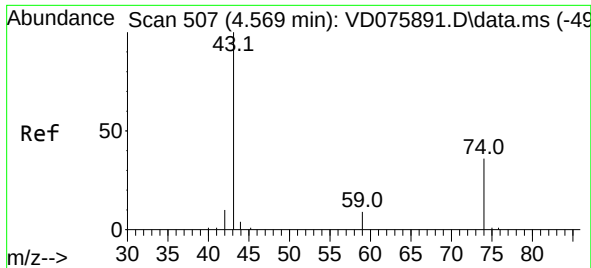
Tgt Ion: 76 Resp: 448480

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

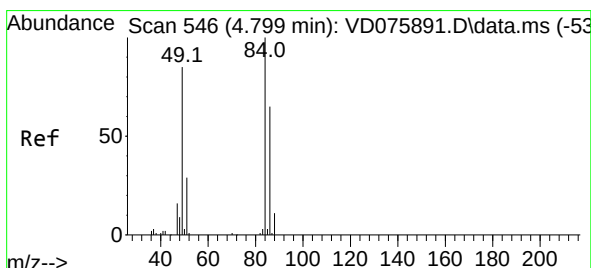
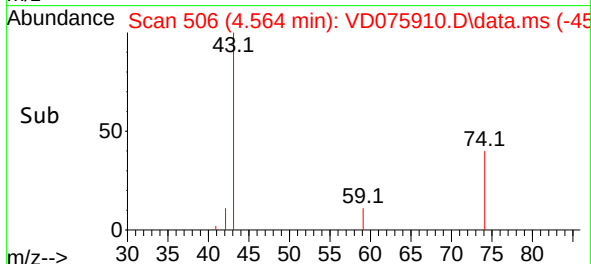
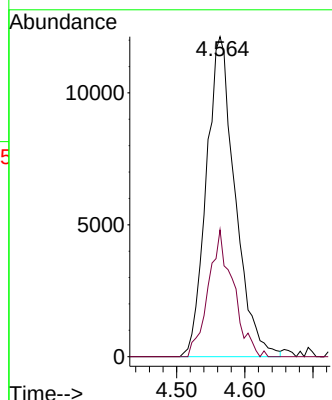
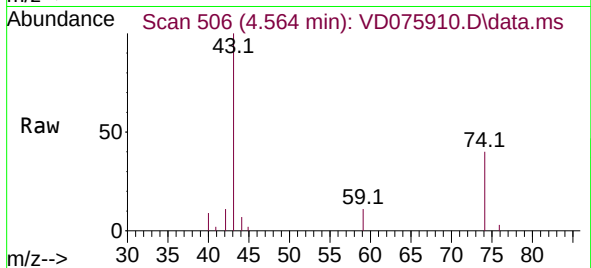




#15
Methyl Acetate
Concen: 26.062 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

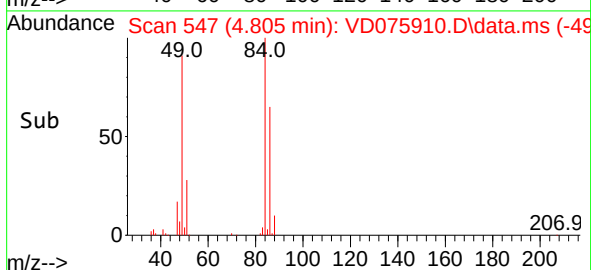
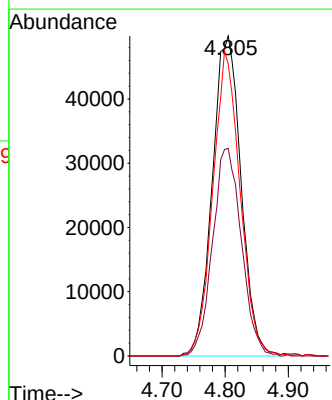
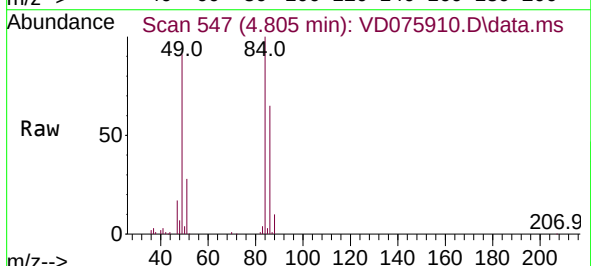
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

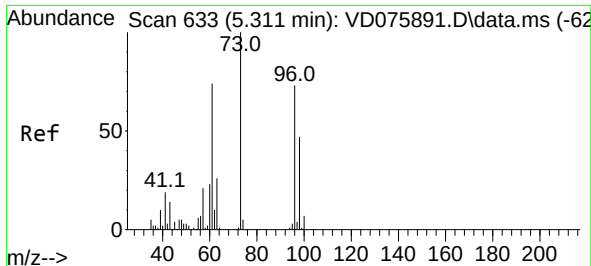
Tgt Ion: 43 Resp: 35508
Ion Ratio Lower Upper
43 100
74 32.5 12.8 19.2#



#16
Methylene chloride
Concen: 20.098 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion: 84 Resp: 157273
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.2
49 91.2 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.049 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD025140

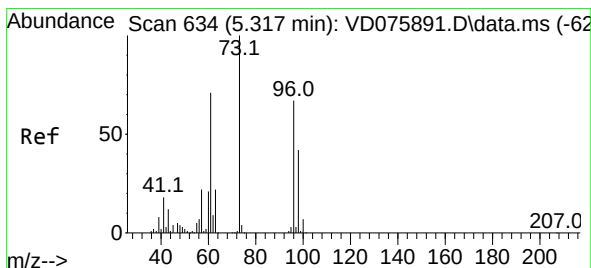
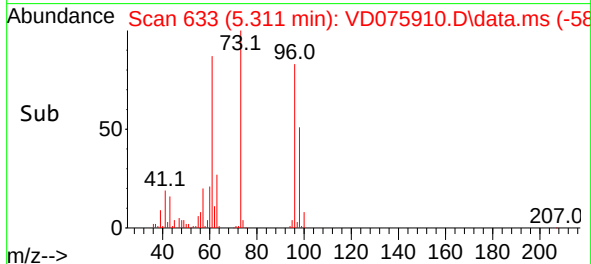
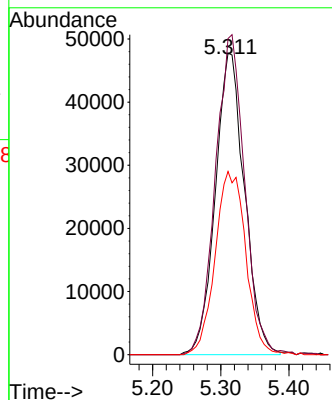
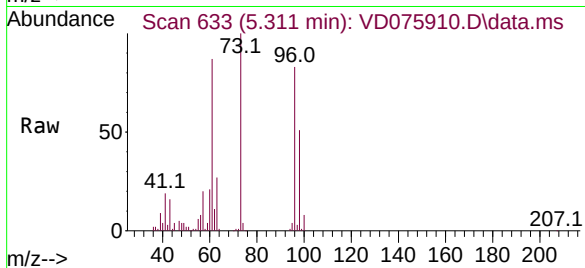
Tgt Ion: 96 Resp: 142455

Ion Ratio Lower Upper

96 100

61 104.8 72.9 135.5

98 60.7 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 23.636 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

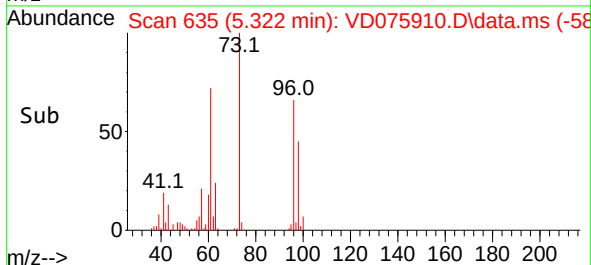
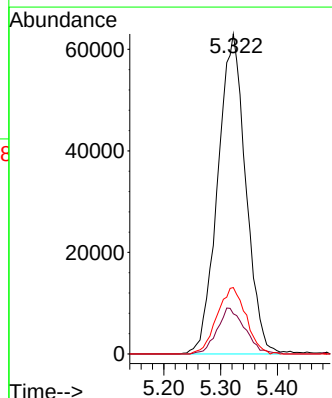
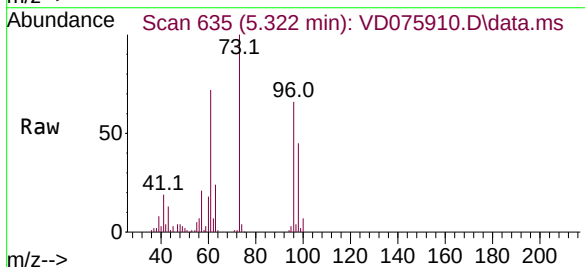
Tgt Ion: 73 Resp: 215625

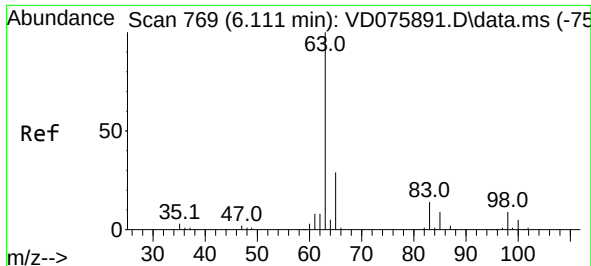
Ion Ratio Lower Upper

73 100

43 13.8 11.3 16.9

57 21.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 26.310 ug/L

RT: 6.111 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

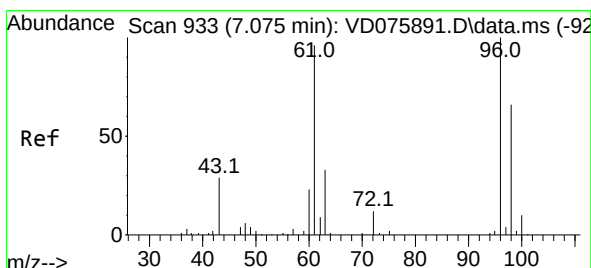
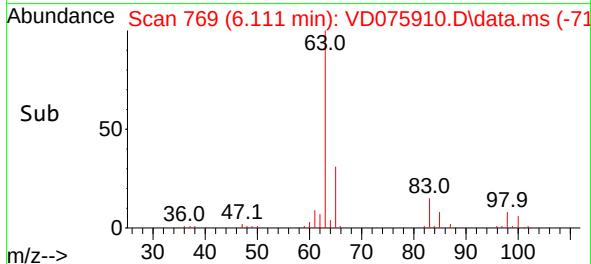
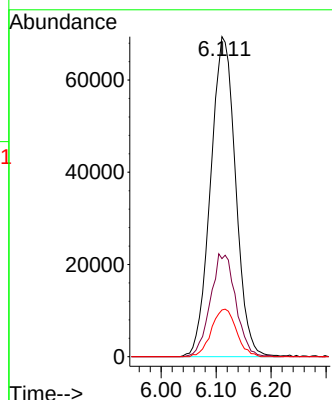
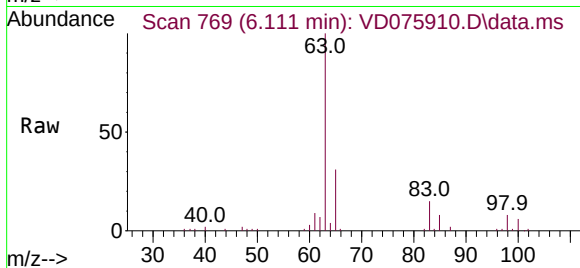
MSVOA_D

ClientSampleId :

VSTD025140

Tgt Ion: 63 Resp: 219202

Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.8	42.4
83	14.6	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 24.600 ug/L

RT: 7.081 min Scan# 934

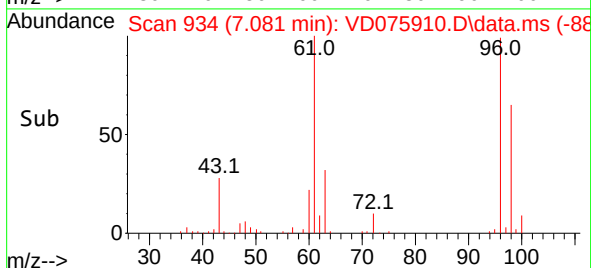
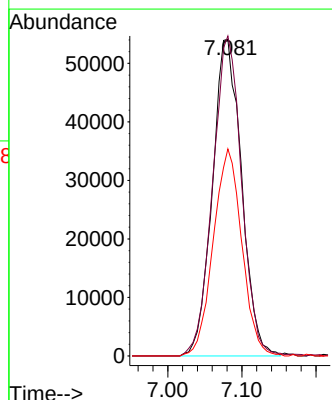
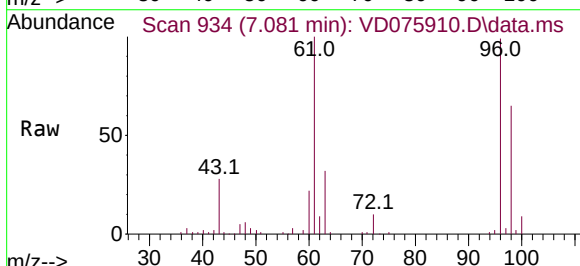
Delta R.T. 0.006 min

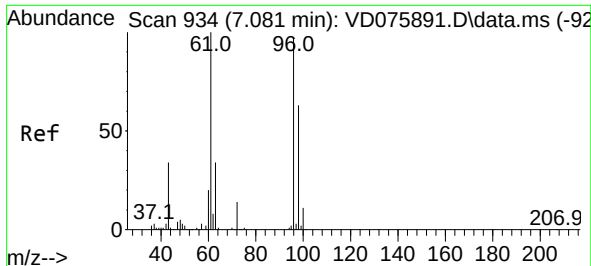
Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Tgt Ion: 96 Resp: 147935

Ion	Ratio	Lower	Upper
96	100		
61	101.0	67.5	125.3
98	65.3	47.5	88.1

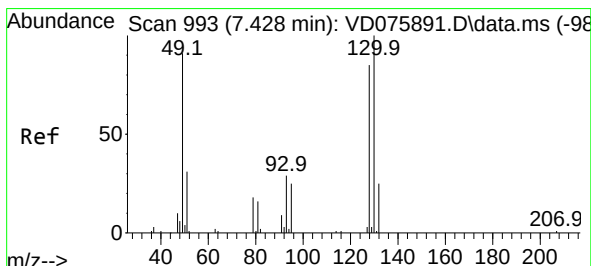
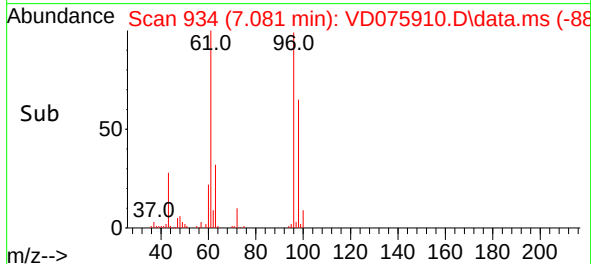
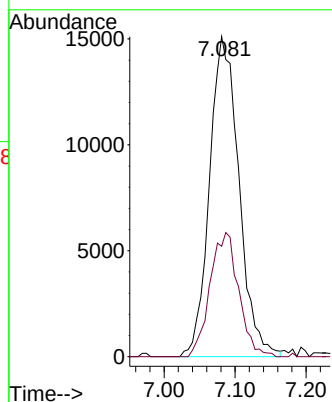
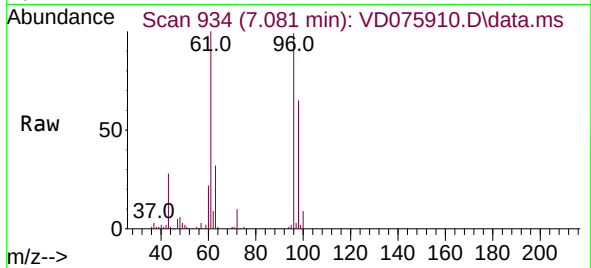




#22
2-Butanone
Concen: 53.047 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

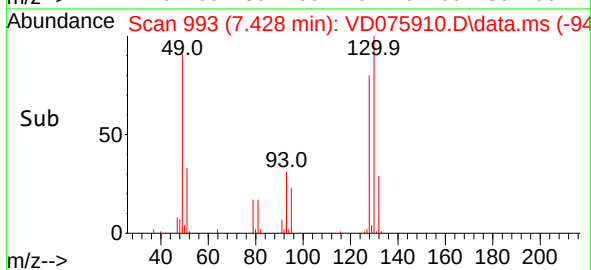
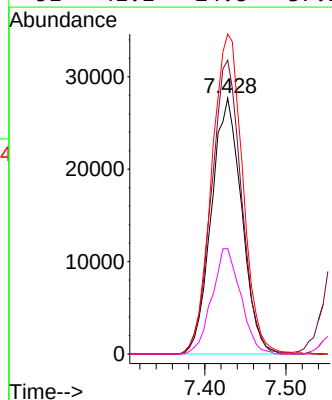
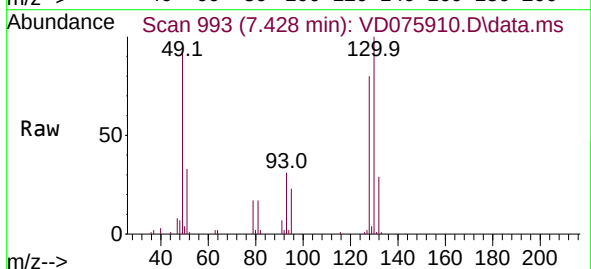
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

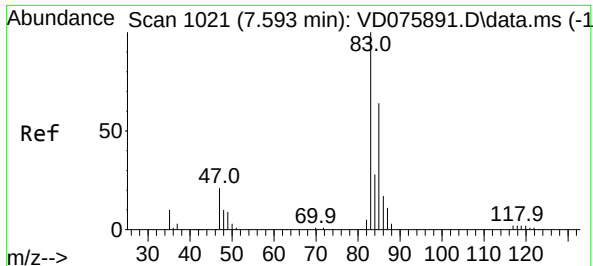
Tgt Ion: 43 Resp: 43477
Ion Ratio Lower Upper
43 100
72 37.7 20.5 61.5



#23
Bromochloromethane
Concen: 25.767 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion: 128 Resp: 71862
Ion Ratio Lower Upper
128 100
49 114.8 76.4 142.0
130 125.1 93.5 173.7
51 41.1 24.8 37.2#





#25

Chloroform

Concen: 25.950 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

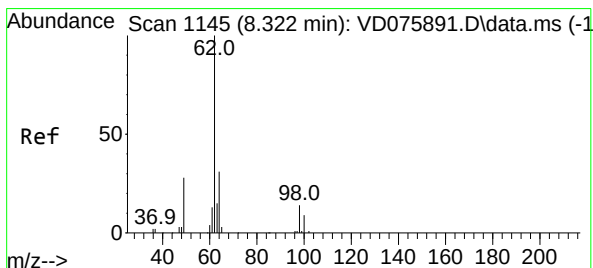
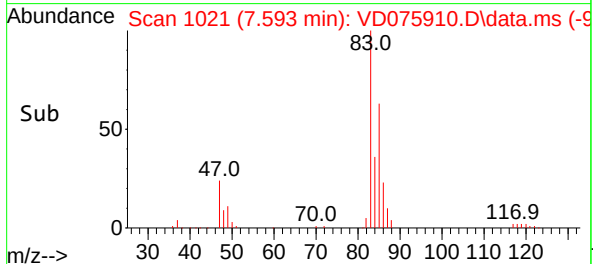
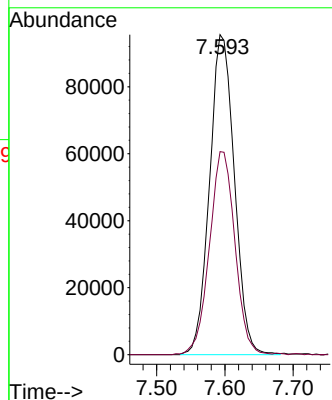
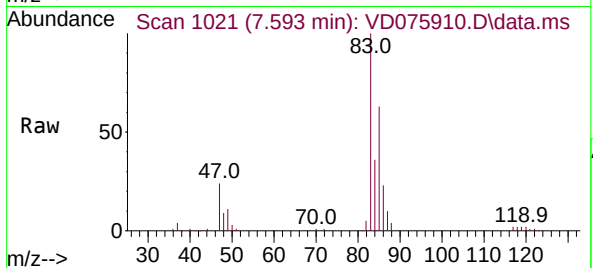
VSTD025140

Tgt Ion: 83 Resp: 242310

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 26.276 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075910.D

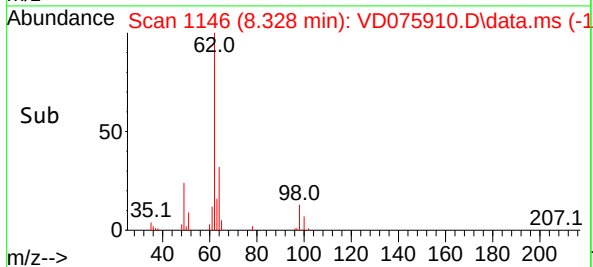
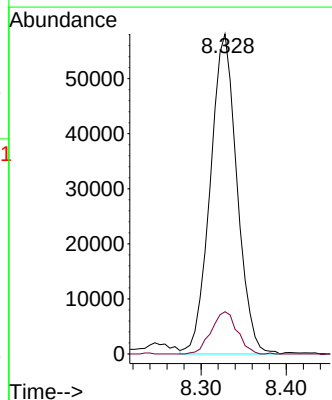
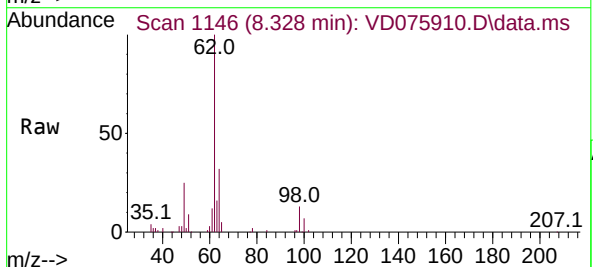
Acq: 29 Apr 2023 11:54

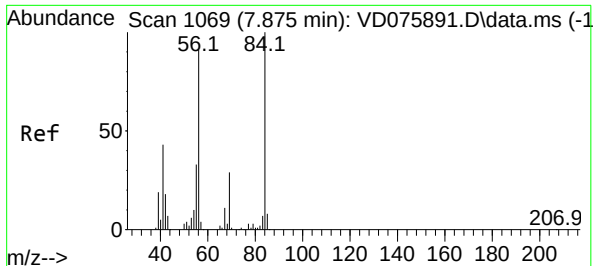
Tgt Ion: 62 Resp: 126642

Ion Ratio Lower Upper

62 100

98 13.2 10.2 15.2





#29

Cyclohexane

Concen: 27.719 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD025140

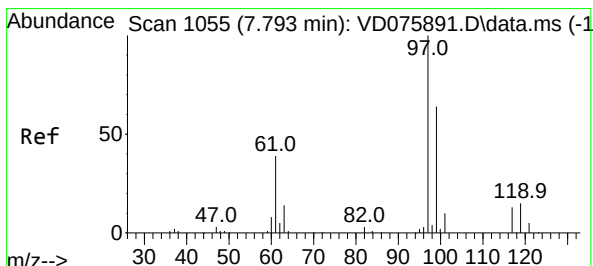
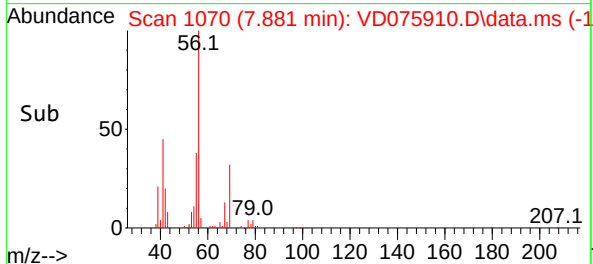
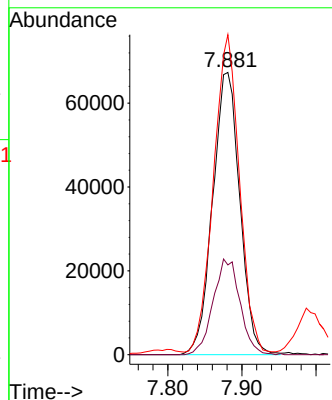
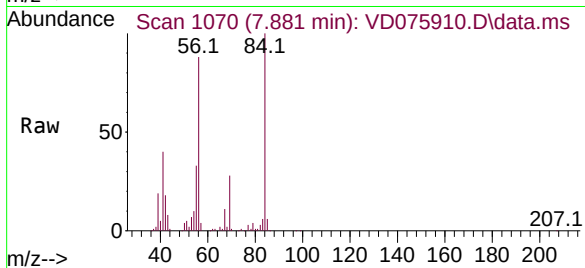
Tgt Ion: 56 Resp: 171428

Ion Ratio Lower Upper

56 100

69 33.4 28.2 42.2

84 108.9 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 25.378 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

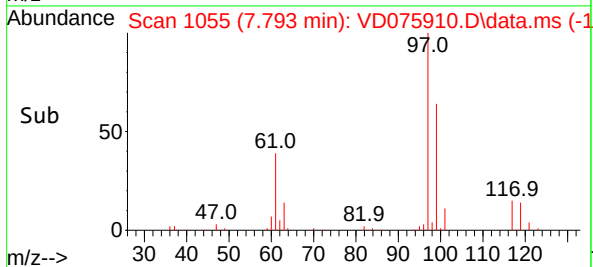
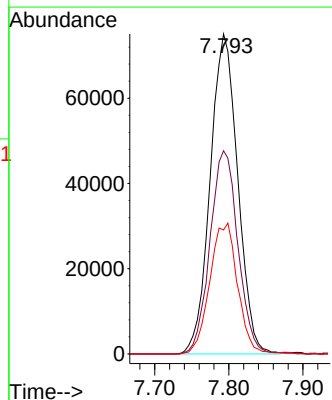
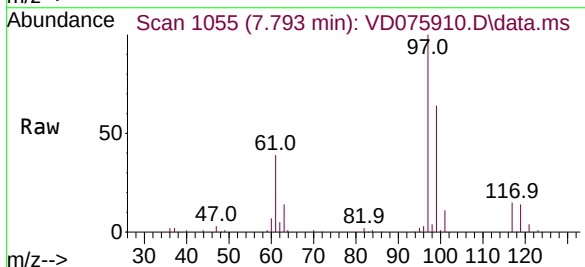
Tgt Ion: 97 Resp: 193978

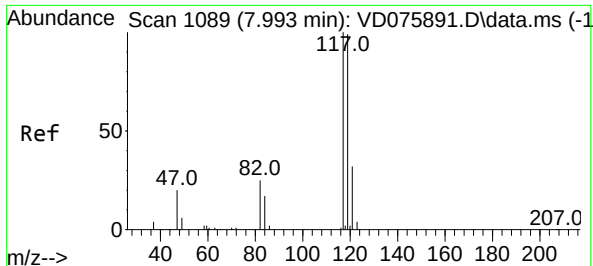
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 41.2 32.1 48.1

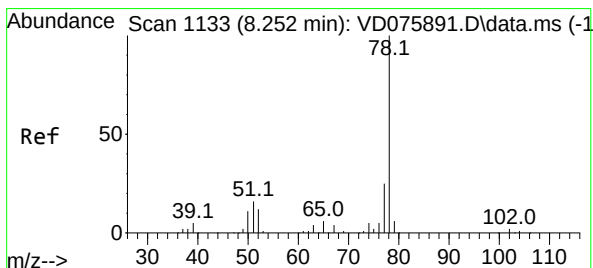
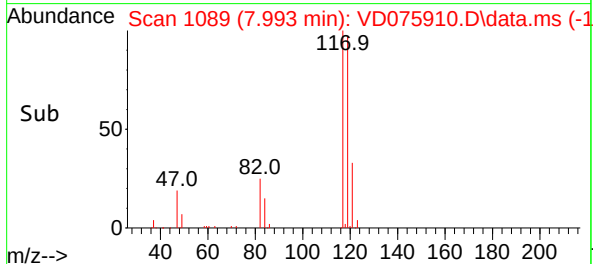
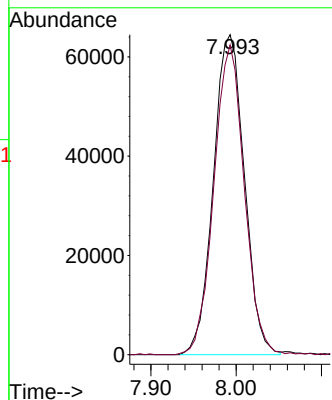
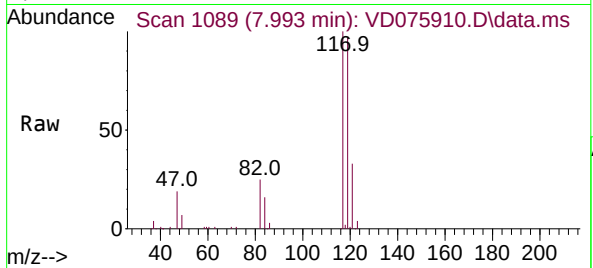




#31
Carbon tetrachloride
Concen: 26.585 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

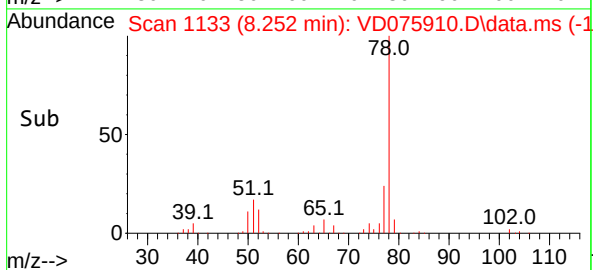
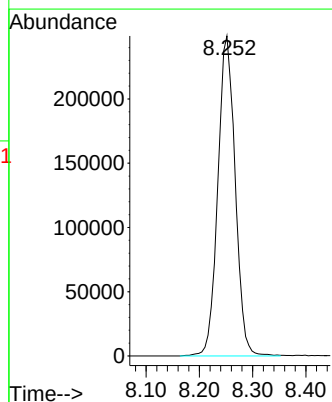
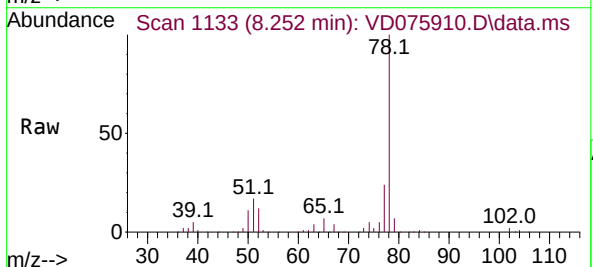
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

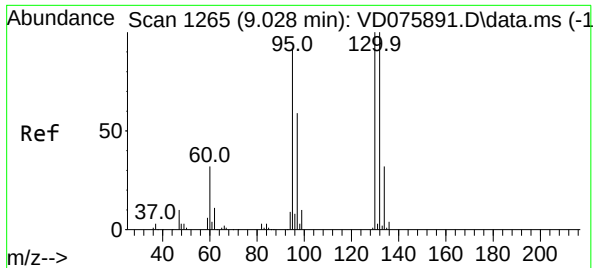
Tgt Ion:117 Resp: 163029
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.4



#33
Benzene
Concen: 25.825 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion: 78 Resp: 564358



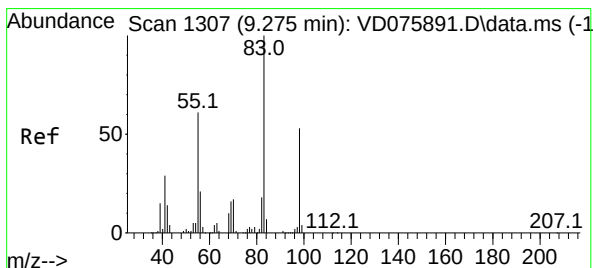
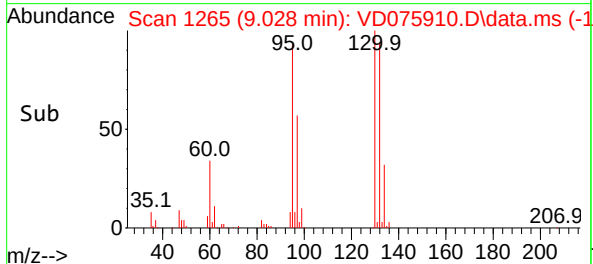
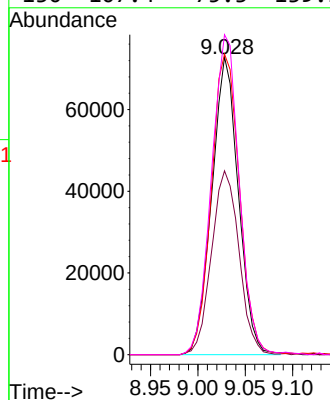
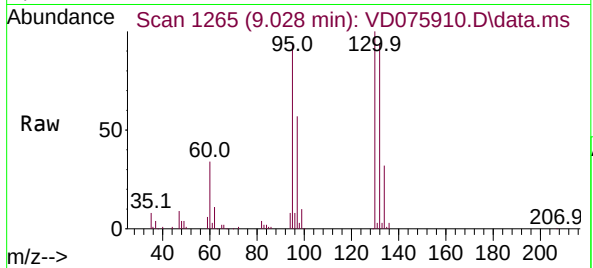


#34
Trichloroethene
Concen: 25.194 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

Tgt Ion: 95 Resp: 142379

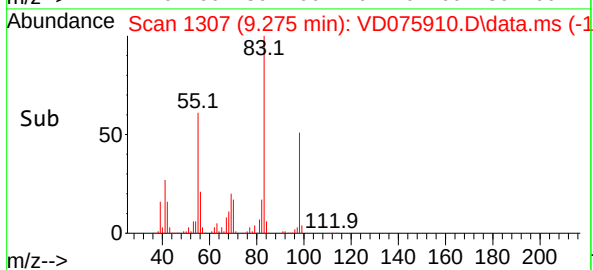
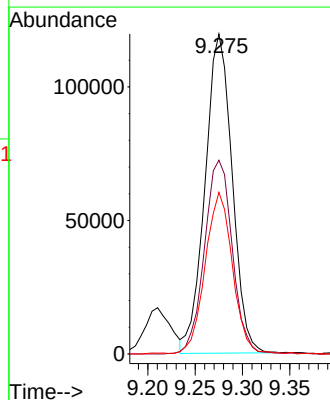
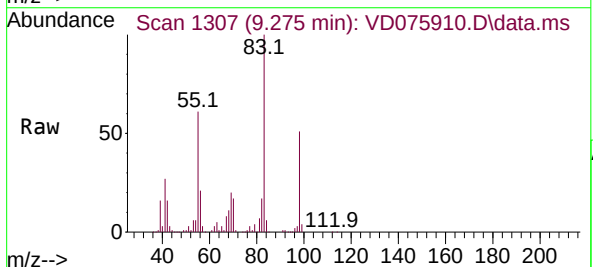
Ion	Ratio	Lower	Upper
95	100		
97	61.7	46.0	85.4
132	101.0	73.3	136.1
130	107.4	75.3	139.9

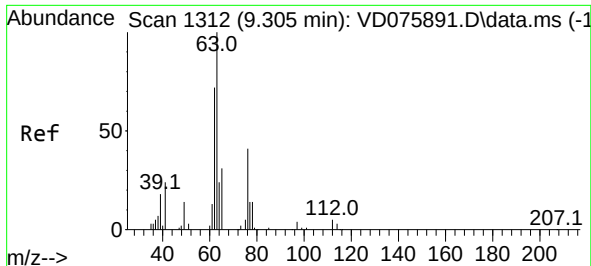


#35
Methylcyclohexane
Concen: 27.348 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion: 83 Resp: 238278

Ion	Ratio	Lower	Upper
83	100		
55	62.4	48.2	72.2
98	51.1	40.8	61.2





#37

1,2-Dichloropropane

Concen: 25.533 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

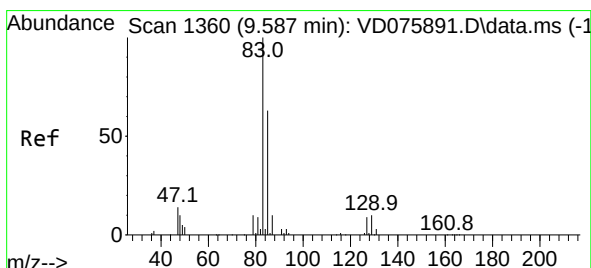
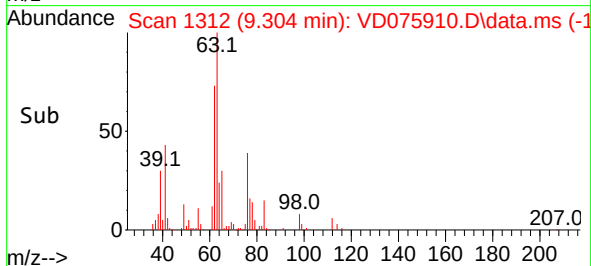
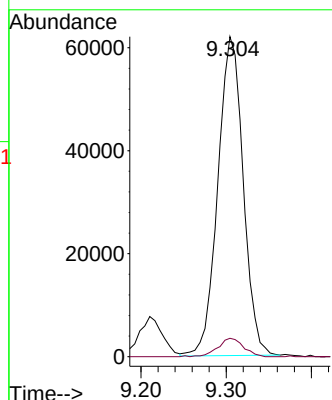
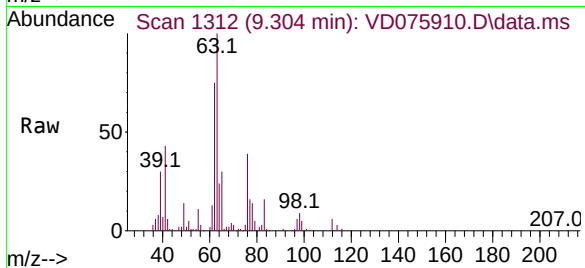
VSTD025140

Tgt Ion: 63 Resp: 128168

Ion Ratio Lower Upper

63 100

112 5.8 4.0 6.0



#38

Bromodichloromethane

Concen: 25.075 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

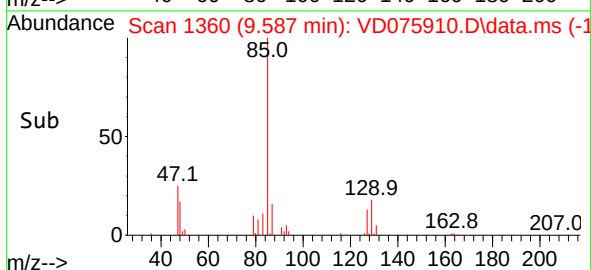
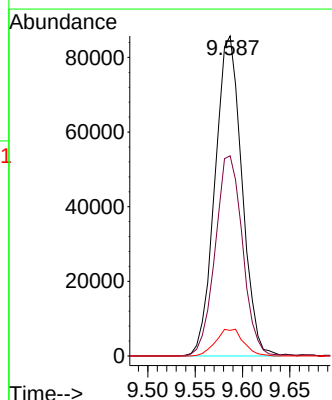
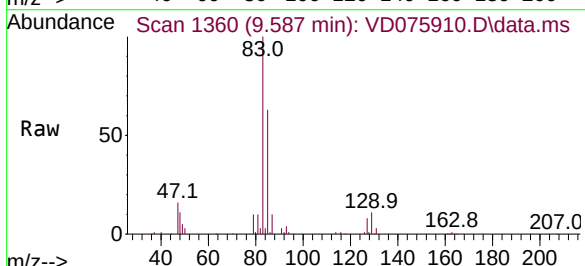
Tgt Ion: 83 Resp: 169718

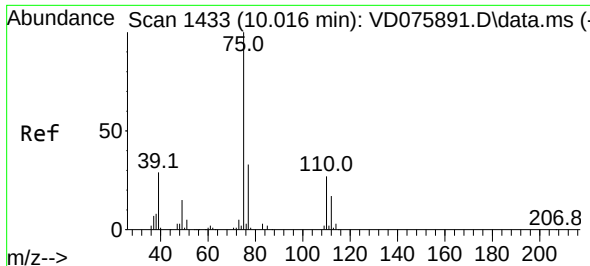
Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.2

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.679 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

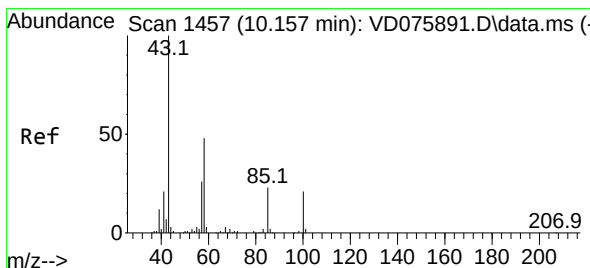
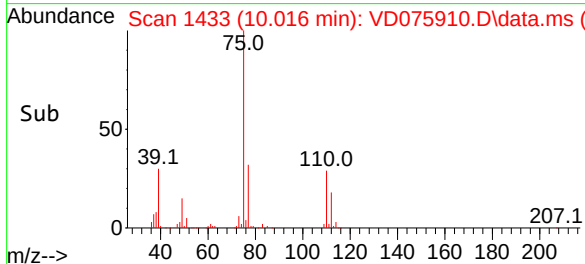
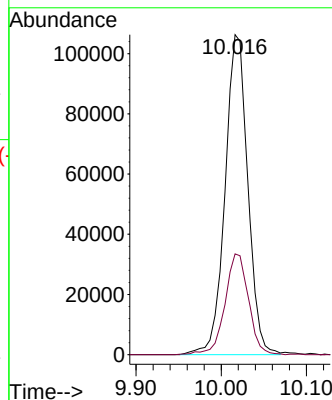
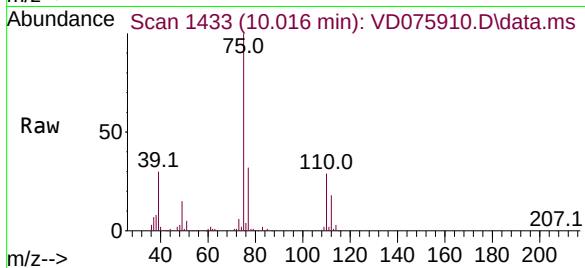
VSTD025140

Tgt Ion: 75 Resp: 197020

Ion Ratio Lower Upper

75 100

77 31.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 52.313 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

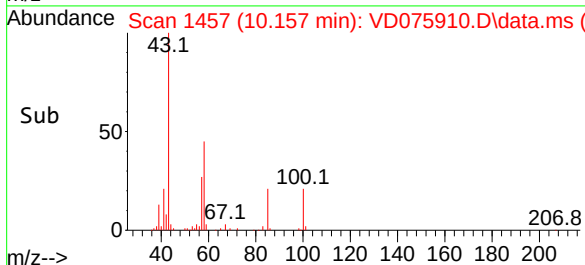
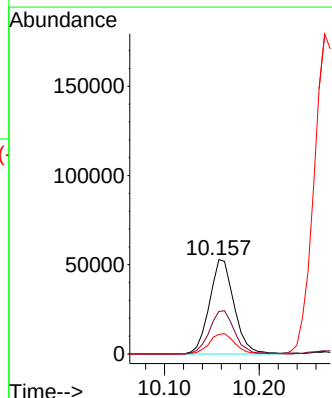
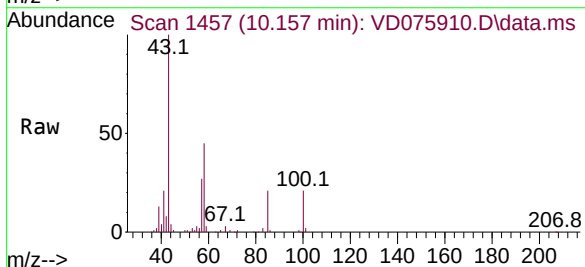
Tgt Ion: 43 Resp: 95742

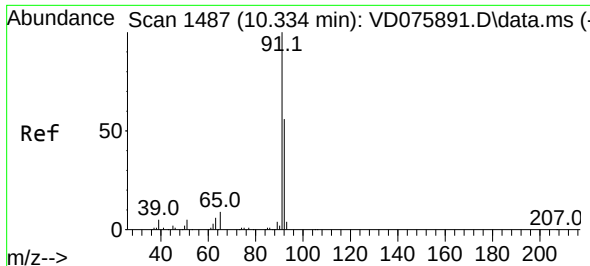
Ion Ratio Lower Upper

43 100

58 46.6 39.1 58.7

100 22.3 19.4 29.0





#42

Toluene

Concen: 26.607 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

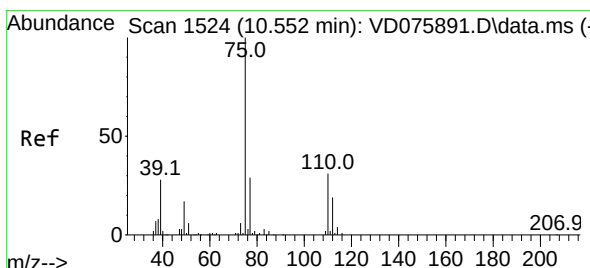
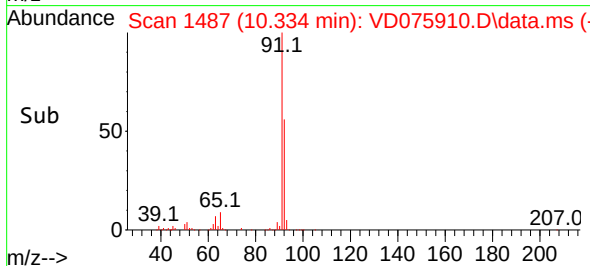
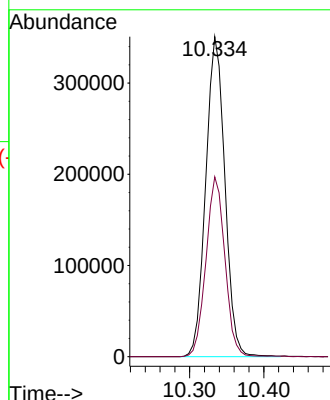
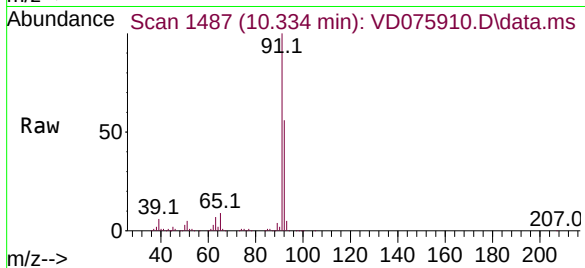
VSTD025140

Tgt Ion: 91 Resp: 629215

Ion Ratio Lower Upper

91 100

92 56.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 25.108 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075910.D

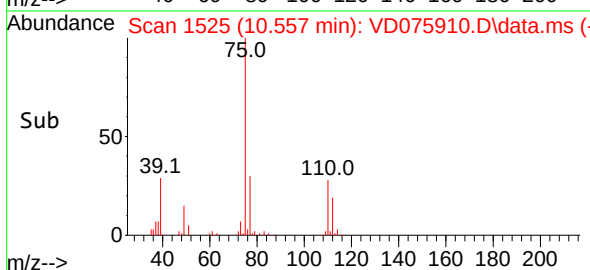
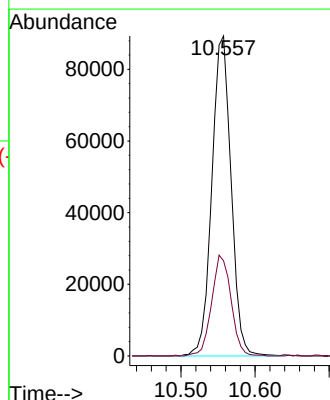
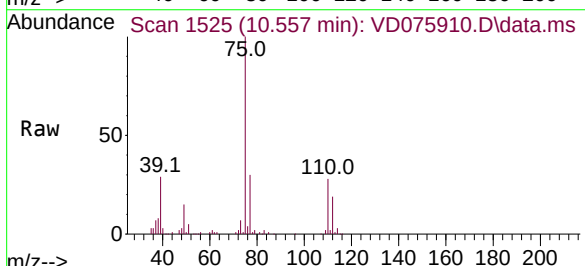
Acq: 29 Apr 2023 11:54

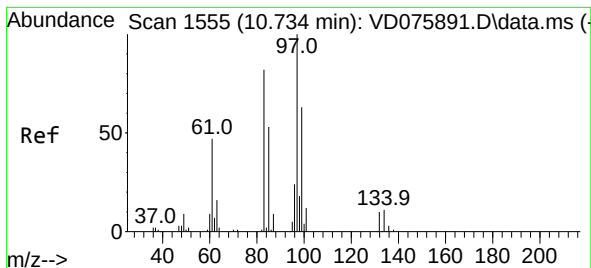
Tgt Ion: 75 Resp: 161023

Ion Ratio Lower Upper

75 100

77 29.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.104 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD025140

Tgt Ion: 97 Resp: 102937

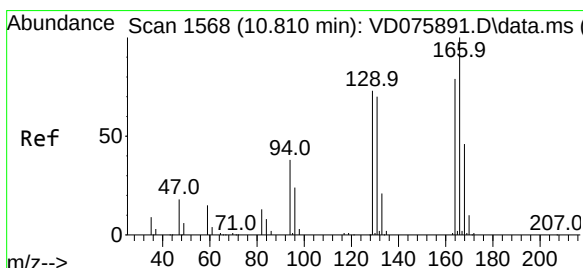
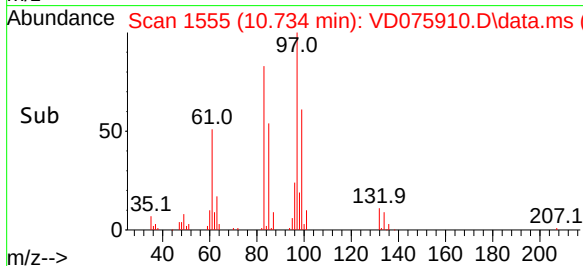
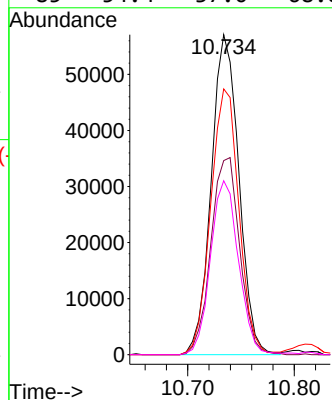
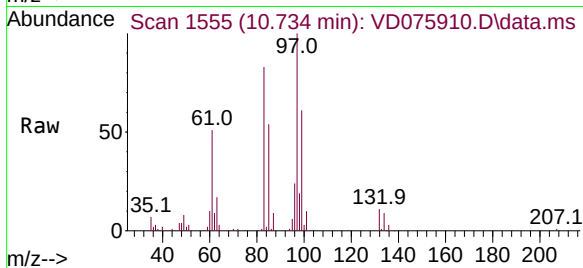
Ion Ratio Lower Upper

97 100

99 60.7 42.2 78.4

83 83.0 54.8 101.8

85 54.4 37.0 68.8



#46

Tetrachloroethene

Concen: 26.126 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Tgt Ion: 164 Resp: 121099

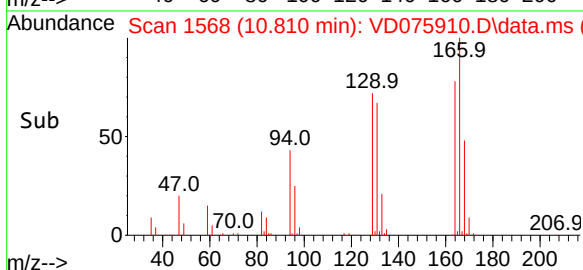
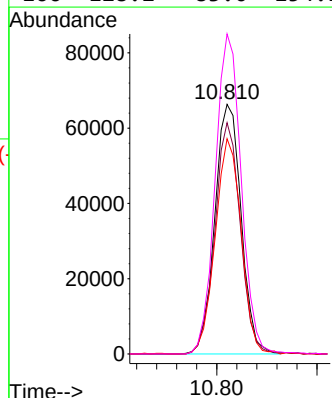
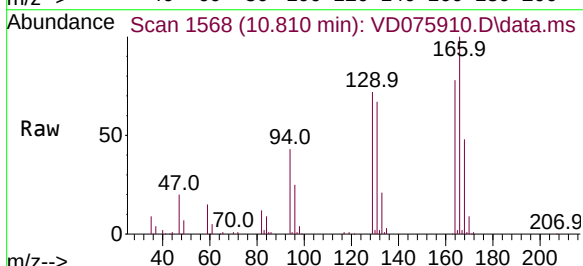
Ion Ratio Lower Upper

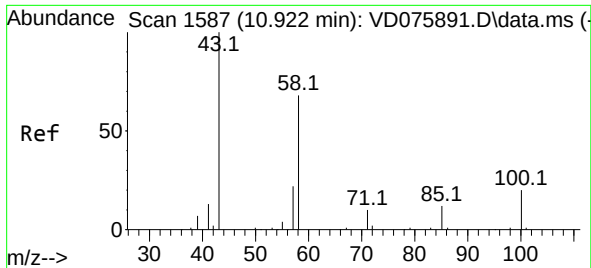
164 100

129 92.6 60.3 112.1

131 86.2 58.9 109.3

166 128.2 83.0 154.1

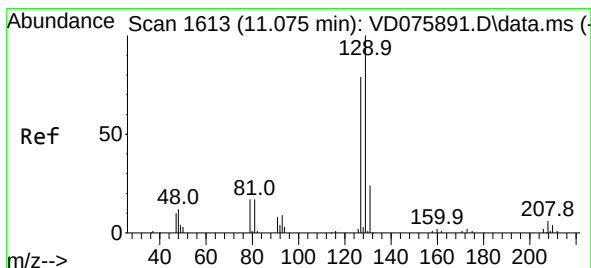
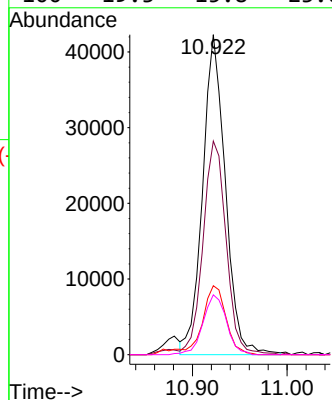
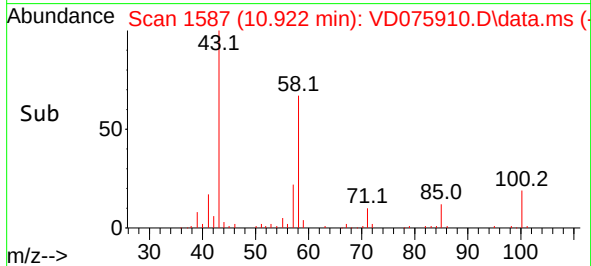
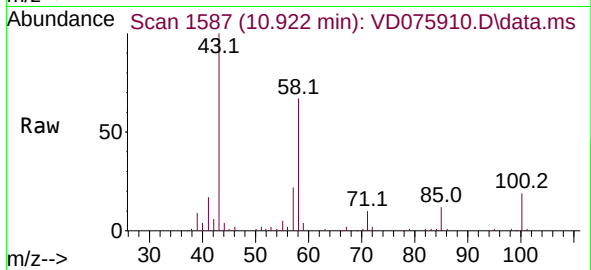




#48
2-Hexanone
Concen: 54.576 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

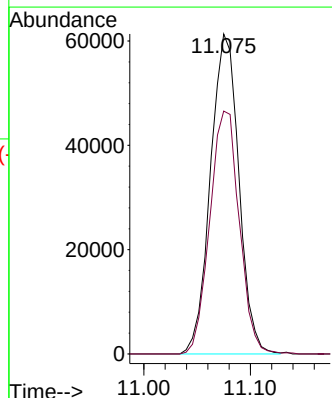
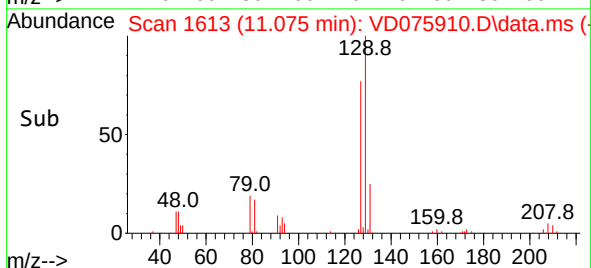
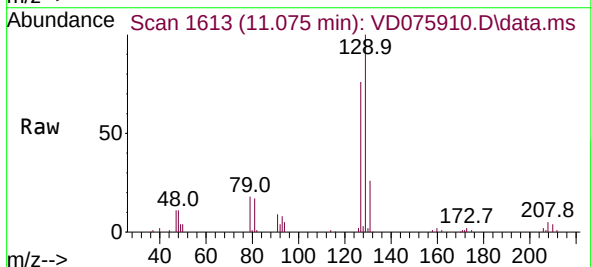
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

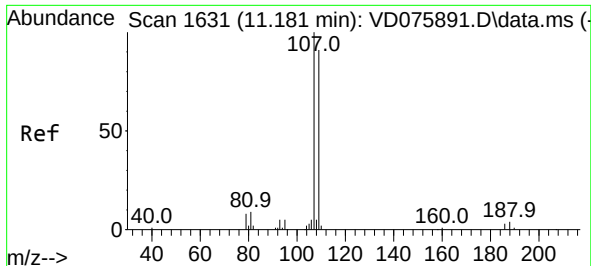
Tgt Ion: 43	Resp: 70416
Ion Ratio	Lower Upper
43 100	
58 67.7	59.7 89.5
57 21.6	17.9 26.9
100 19.3	15.8 23.6



#49
Dibromochloromethane
Concen: 24.405 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:129	Resp: 113459
Ion Ratio	Lower Upper
129 100	
127 75.9	55.6 103.4

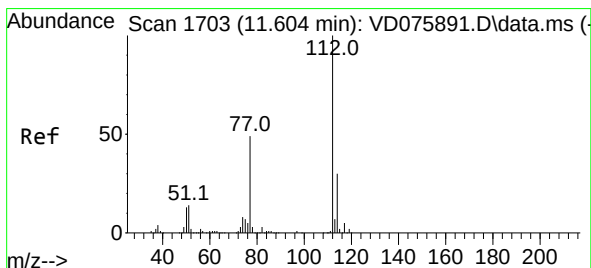
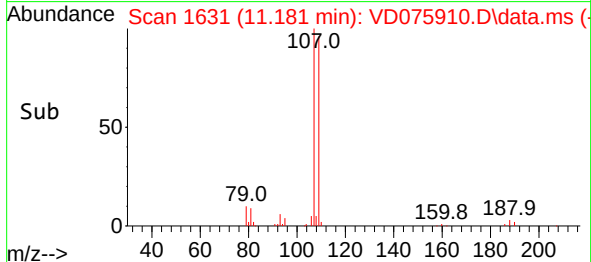
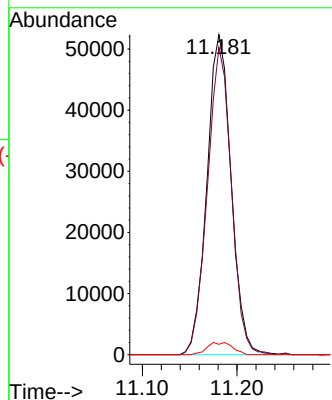
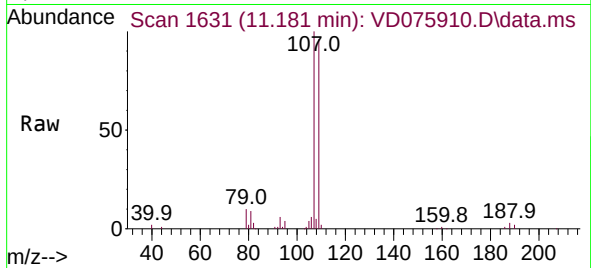




#50
1,2-Dibromoethane
Concen: 24.141 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

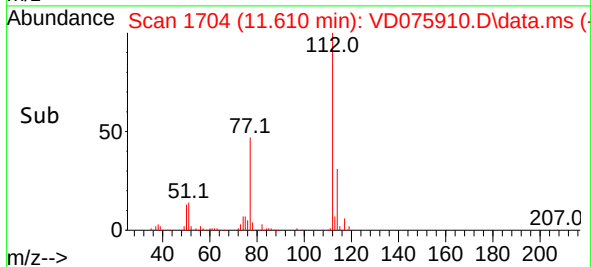
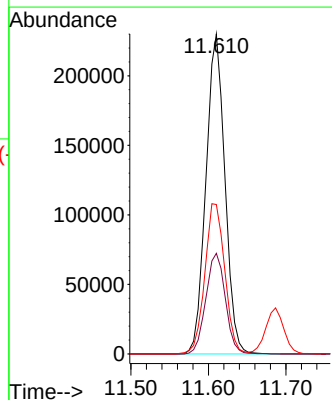
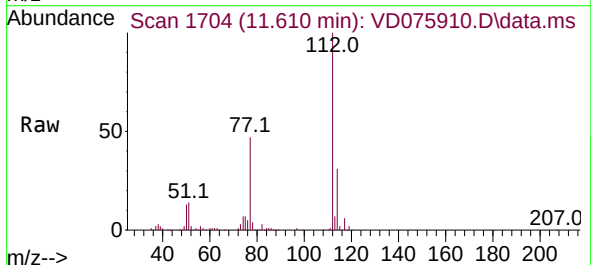
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

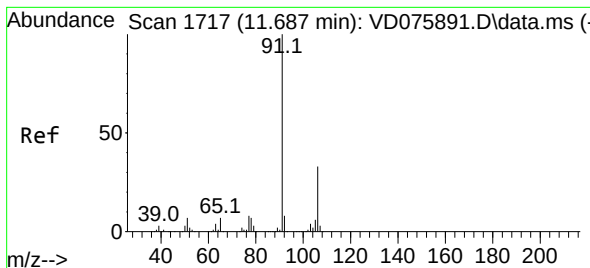
Tgt Ion:	107	Resp:	92945
Ion	Ratio	Lower	Upper
107	100		
109	96.1	67.6	125.6
188	3.3	3.0	4.6



#51
Chlorobenzene
Concen: 25.275 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:	112	Resp:	391021
Ion	Ratio	Lower	Upper
112	100		
114	31.4	23.0	42.8
77	46.7	39.7	59.5





#52

Ethylbenzene

Concen: 26.231 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

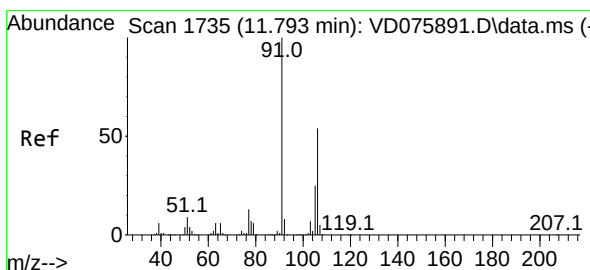
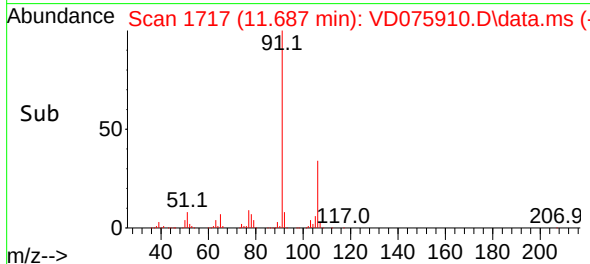
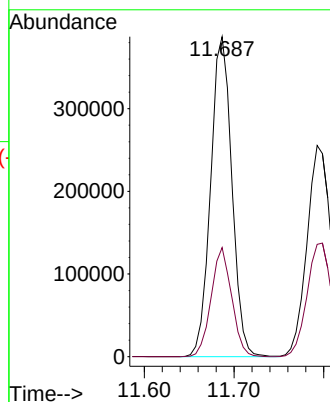
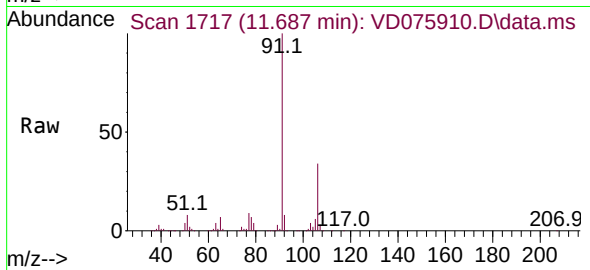
VSTD025140

Tgt Ion: 91 Resp: 636091

Ion Ratio Lower Upper

91 100

106 34.1 23.7 43.9



#53

m,p-Xylene

Concen: 26.969 ug/L

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD075910.D

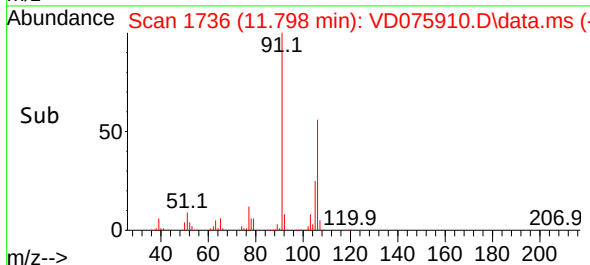
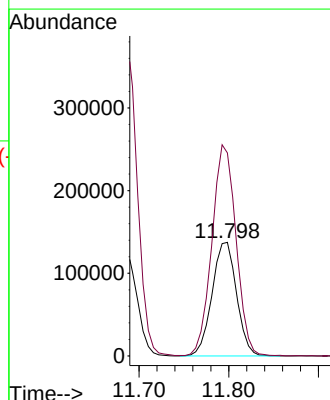
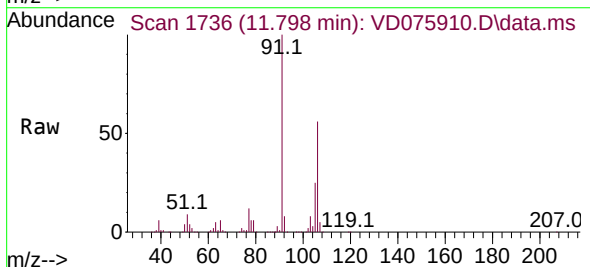
Acq: 29 Apr 2023 11:54

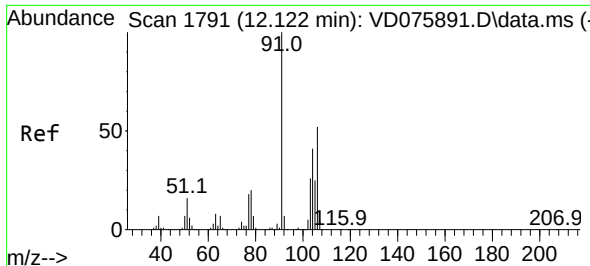
Tgt Ion: 106 Resp: 260413

Ion Ratio Lower Upper

106 100

91 178.8 130.9 243.1

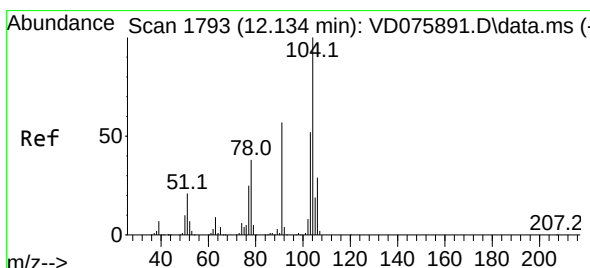
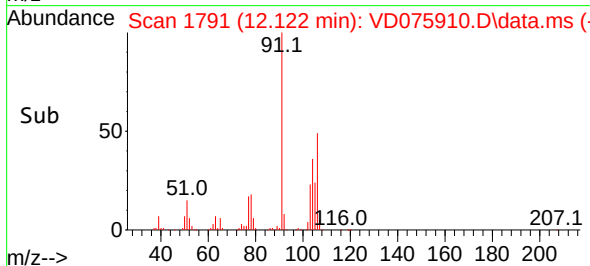
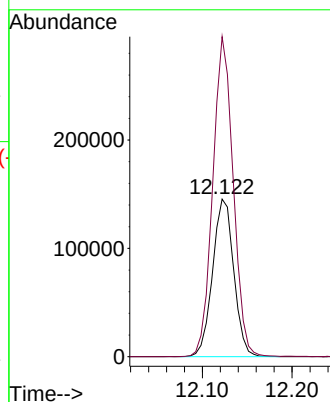
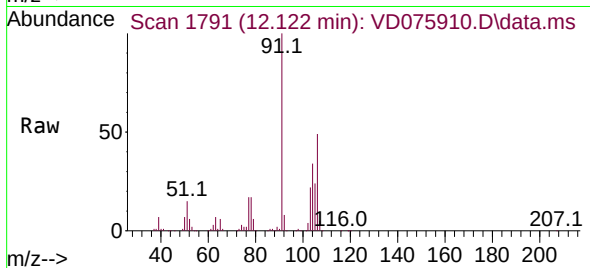




#54
o-Xylene
Concen: 26.009 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

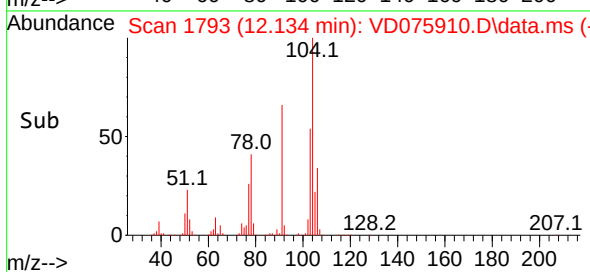
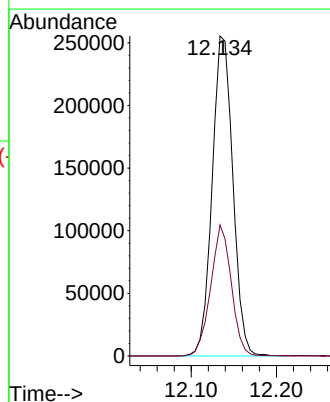
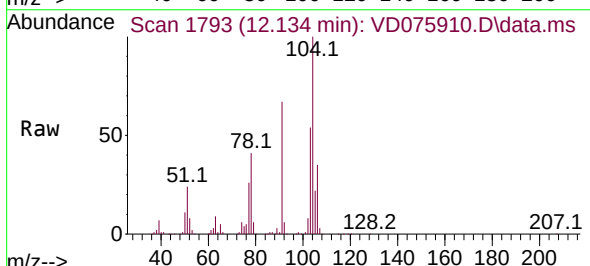
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

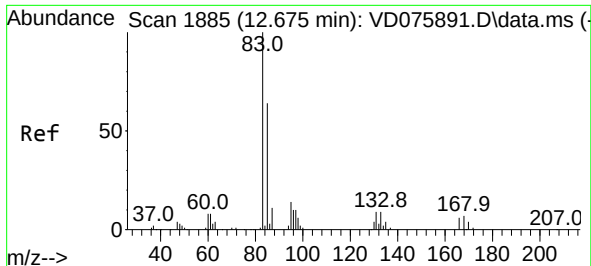
Tgt Ion:106 Resp: 238538
Ion Ratio Lower Upper
106 100
91 203.1 139.8 259.6



#55
Styrene
Concen: 27.016 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:104 Resp: 431255
Ion Ratio Lower Upper
104 100
78 40.9 26.2 48.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.974 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD025140

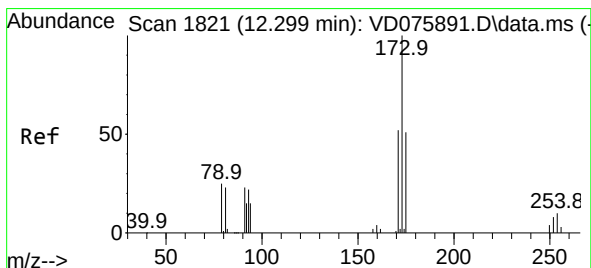
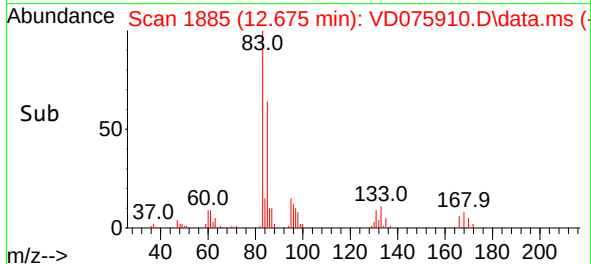
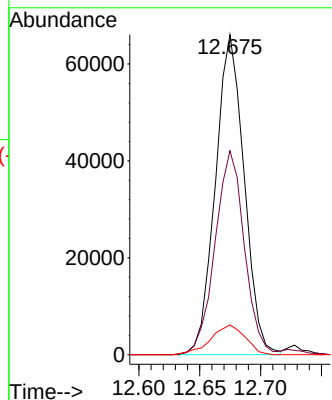
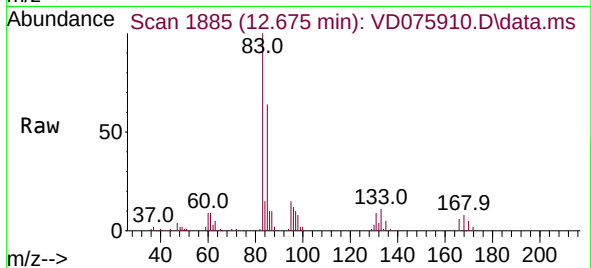
Tgt Ion: 83 Resp: 108517

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

131 9.3 7.0 10.6



#59

Bromoform

Concen: 24.621 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

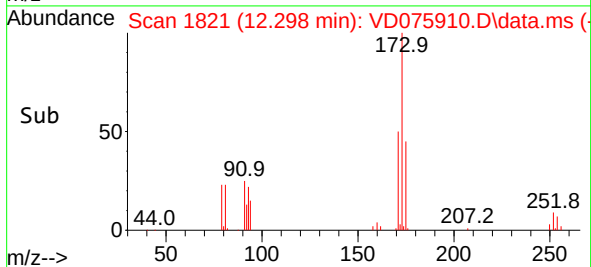
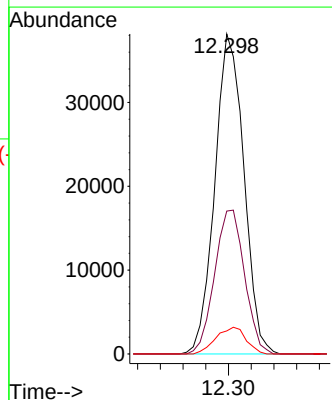
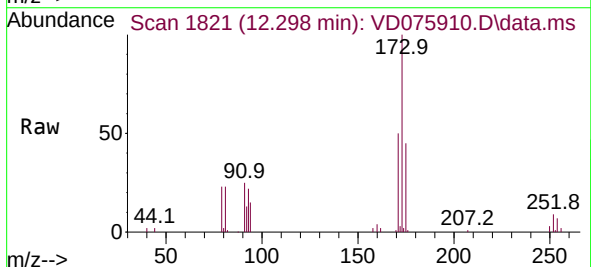
Tgt Ion: 173 Resp: 67707

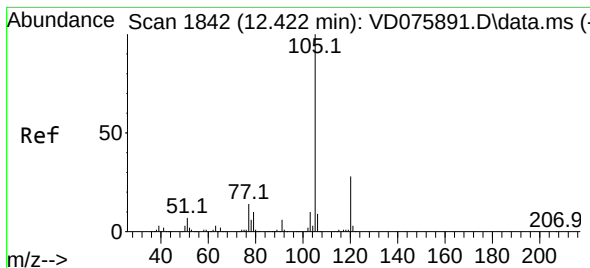
Ion Ratio Lower Upper

173 100

175 46.3 39.4 59.0

254 8.6 7.4 11.2





#60

Isopropylbenzene

Concen: 25.757 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VSTD025140

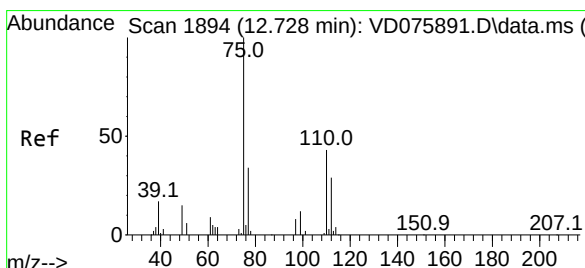
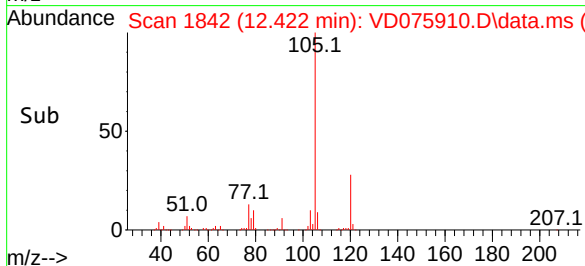
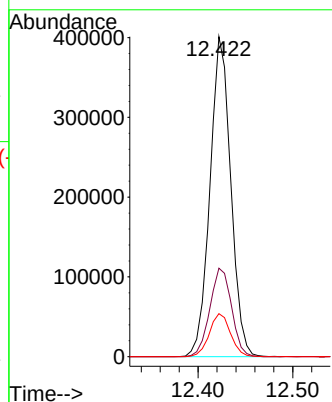
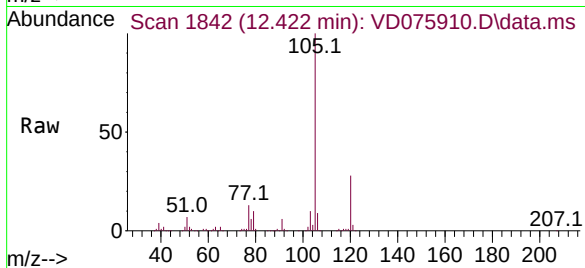
Tgt Ion:105 Resp: 612826

Ion Ratio Lower Upper

105 100

120 28.8 22.7 34.1

77 13.7 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 24.641 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075910.D

Acq: 29 Apr 2023 11:54

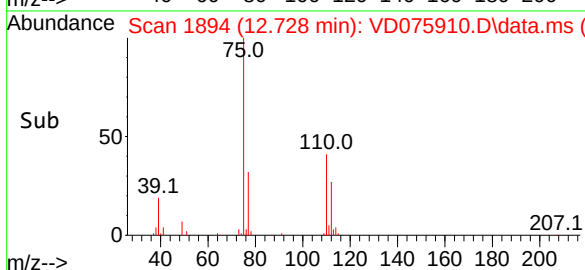
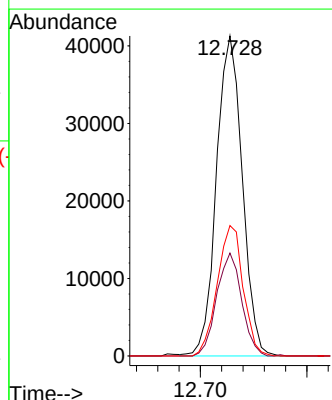
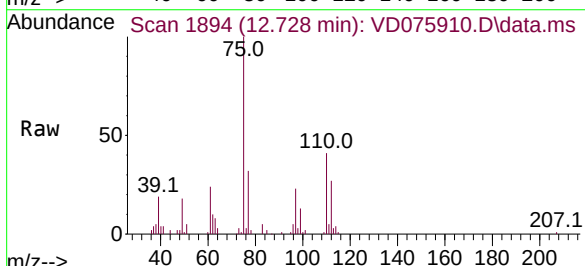
Tgt Ion: 75 Resp: 69456

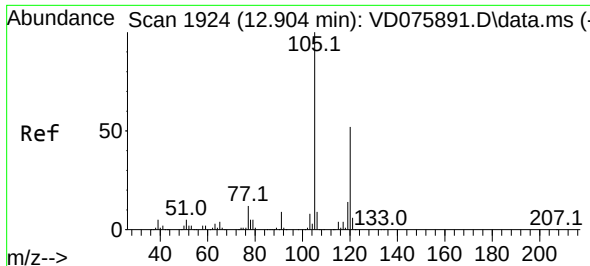
Ion Ratio Lower Upper

75 100

77 31.1 26.6 39.8

110 40.8 33.5 50.3

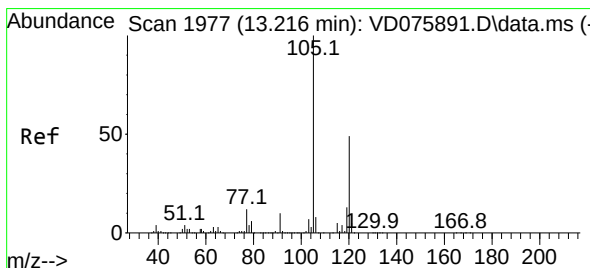
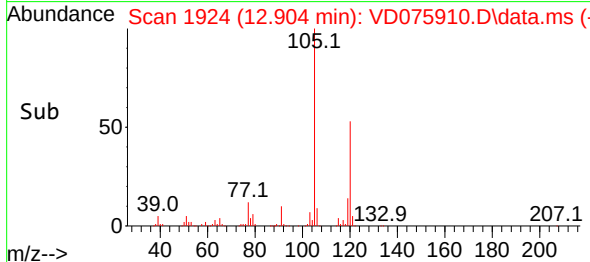
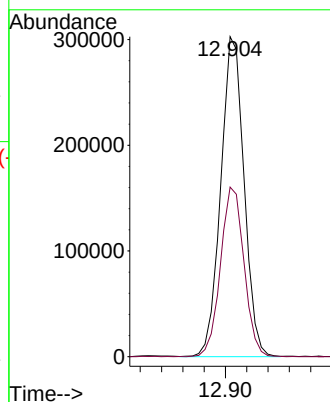
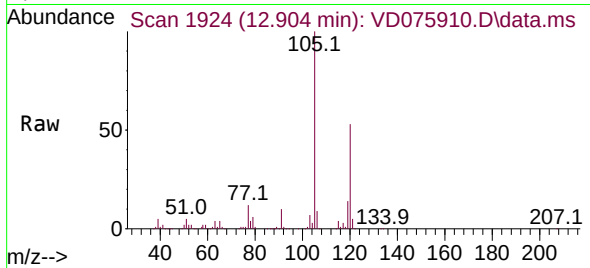




#62
1,3,5-Trimethylbenzene
Concen: 25.877 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

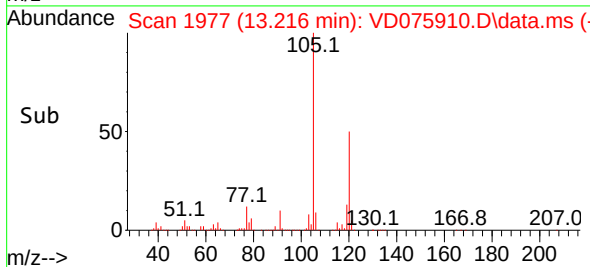
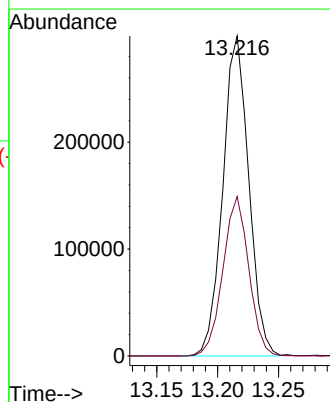
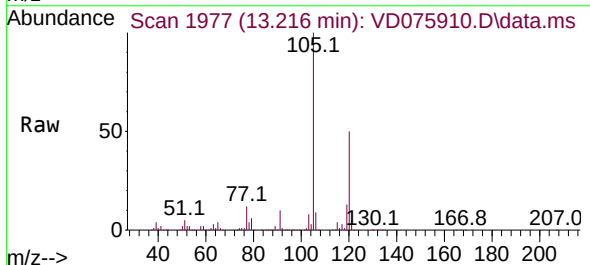
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

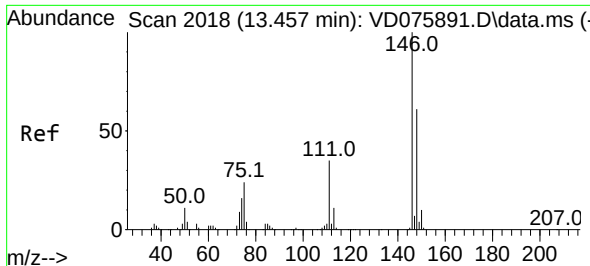
Tgt Ion:105 Resp: 459100
Ion Ratio Lower Upper
105 100
120 53.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 25.943 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:105 Resp: 443678
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6

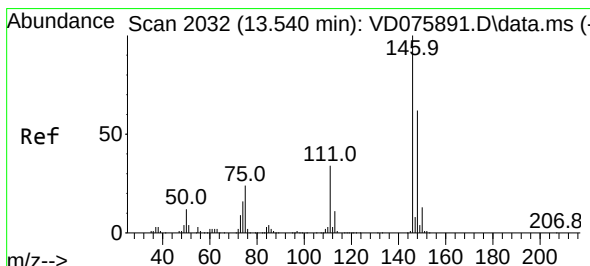
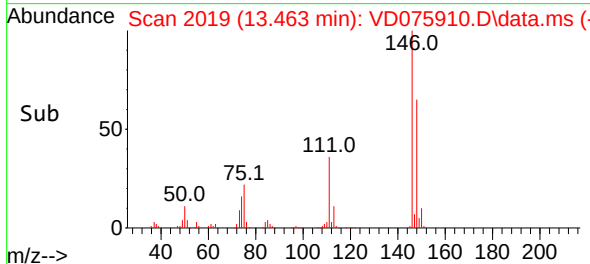
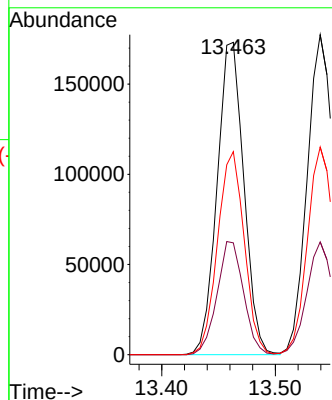
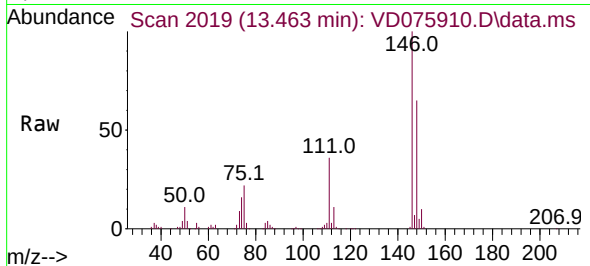




#64
1,3-Dichlorobenzene
Concen: 24.948 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

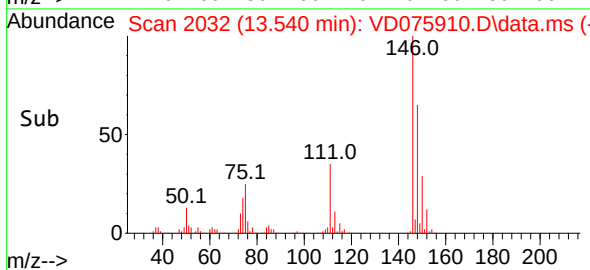
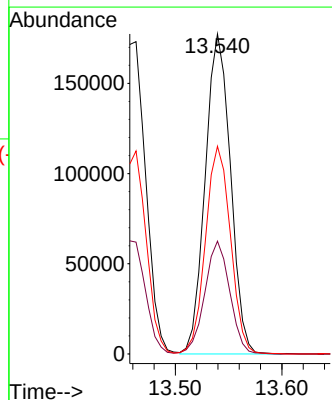
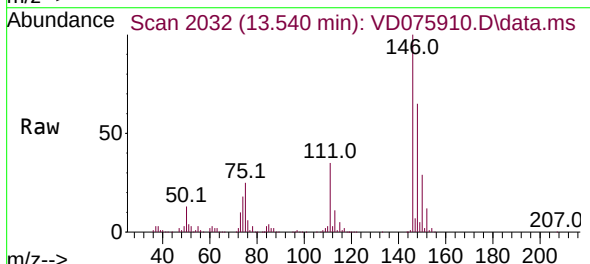
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

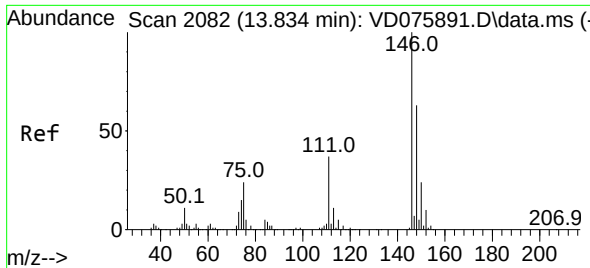
Tgt Ion:146 Resp: 284006
Ion Ratio Lower Upper
146 100
111 35.8 26.5 49.1
148 65.0 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.468 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:146 Resp: 292331
Ion Ratio Lower Upper
146 100
111 35.3 24.6 45.8
148 64.9 44.4 82.4

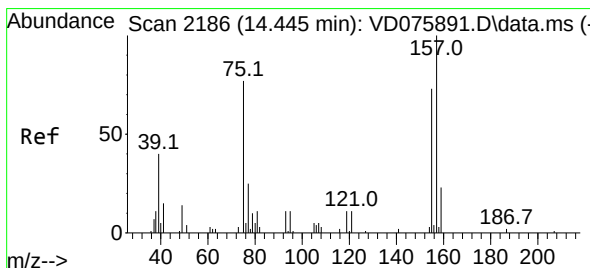
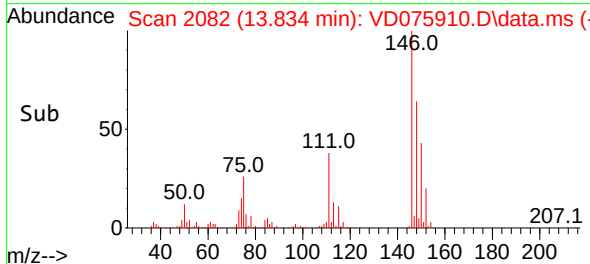
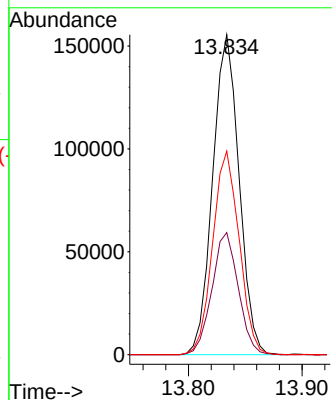
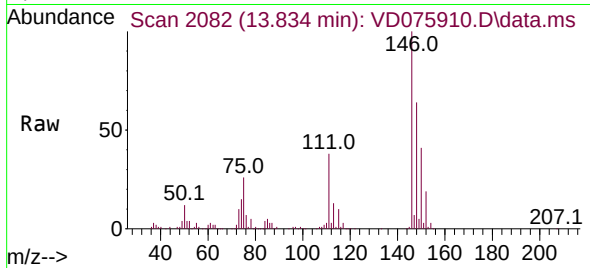




#67
1,2-Dichlorobenzene
Concen: 24.691 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

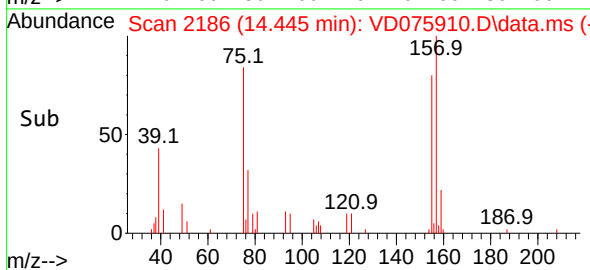
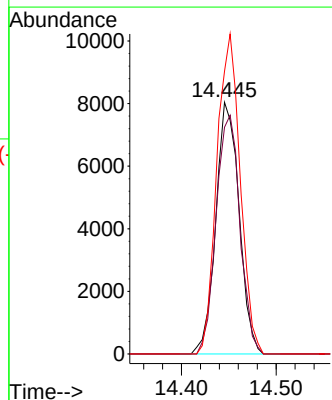
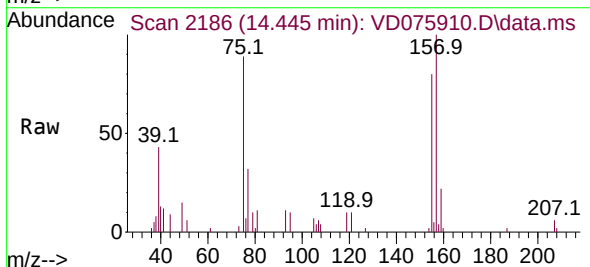
Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

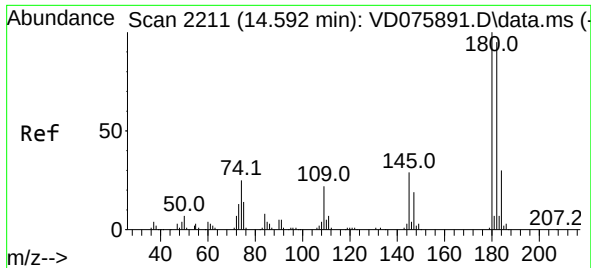
Tgt Ion:146 Resp: 251016
Ion Ratio Lower Upper
146 100
111 38.1 30.6 46.0
148 63.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 24.362 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion: 75 Resp: 13728
Ion Ratio Lower Upper
75 100
155 90.1 74.6 111.8
157 112.4 109.4 164.2

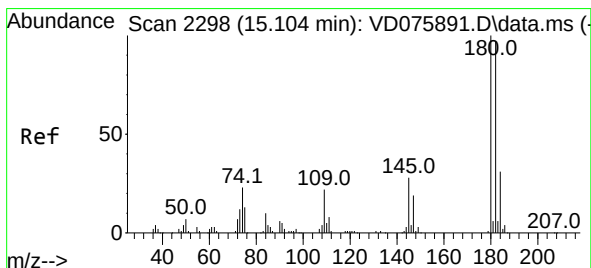
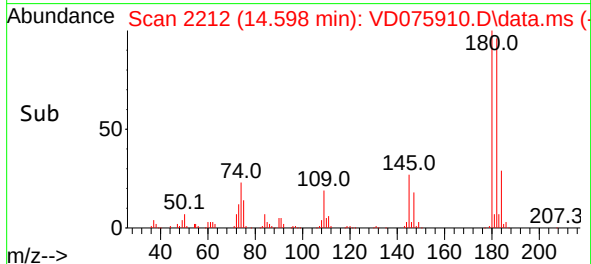
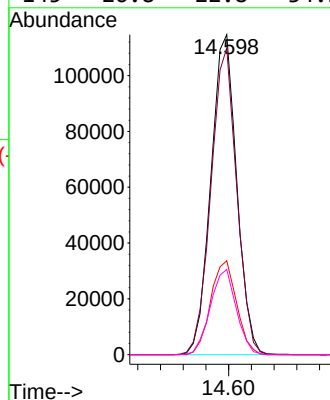
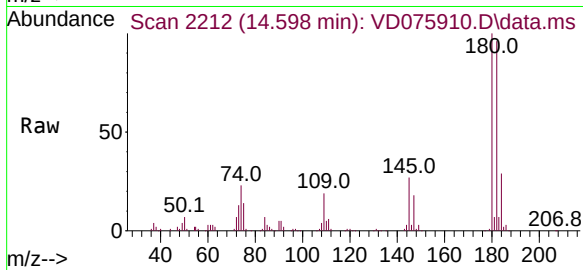




#69
 1,3,5-Trichlorobenzene
 Concen: 23.722 ug/L
 RT: 14.598 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

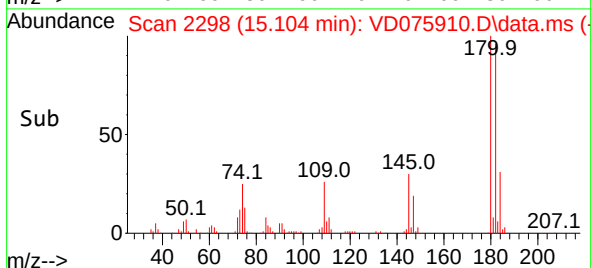
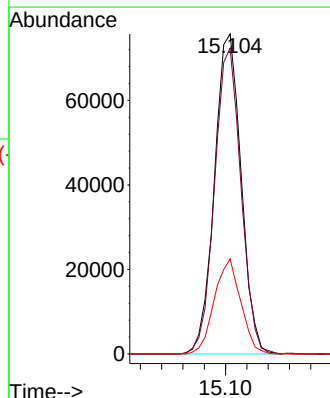
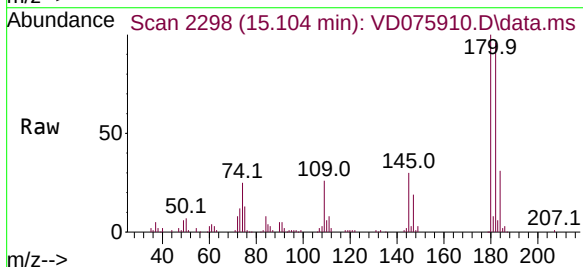
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025140

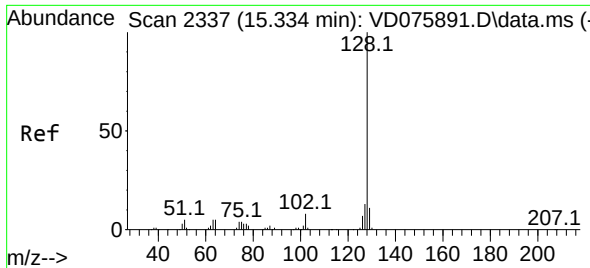
Tgt Ion:	180	Resp:	181006
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.9	112.3
184	29.5	25.0	37.4
145	26.8	22.8	34.2



#70
 1,2,4-trichlorobenzene
 Concen: 20.777 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075910.D
 Acq: 29 Apr 2023 11:54

Tgt Ion:	180	Resp:	131378
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.4	113.2
145	29.4	23.6	35.4

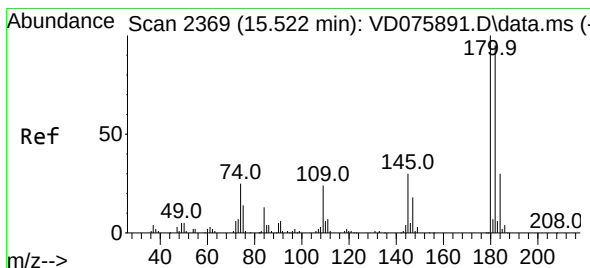
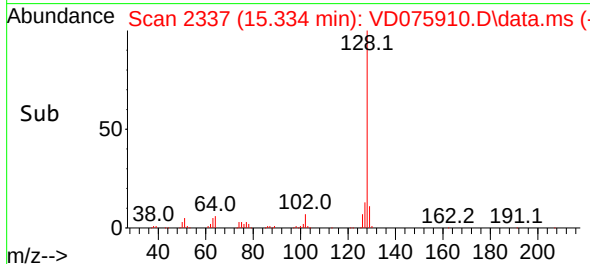
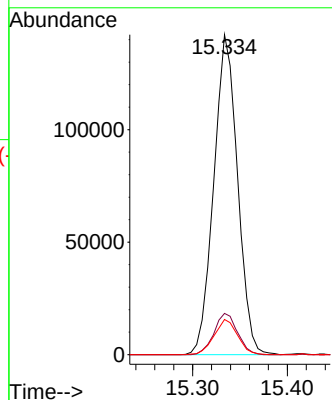
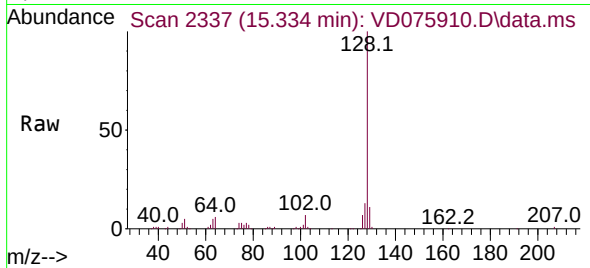




#71
Naphthalene
Concen: 21.450 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VSTD025140

Tgt Ion:128 Resp: 248207
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 21.692 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075910.D
Acq: 29 Apr 2023 11:54

Tgt Ion:180 Resp: 122438
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 30.5 25.0 37.6

