

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
 Data File : VD076108.D
 Acq On : 12 May 2023 15:39
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

Quant Time: May 14 23:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	381013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	357181	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	126619	21.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
7) Chloroethane-d5	2.793	69	122132	22.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.280%
11) 1,1-Dichloroethene-d2	3.911	65	31083	21.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	6.987	46	45849	58.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.840%
24) Chloroform-d	7.569	84	202573	25.378	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.222	65	91677	26.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.520%
32) Benzene-d6	8.199	84	387920	24.090	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.360%
36) 1,2-Dichloropropane-d6	9.210	67	122558	24.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.269	98	353714	24.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	10.528	79	45627	24.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.000%
47) 2-Hexanone-d5	10.875	63	40194	55.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118326	27.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	126545	23.771	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	111259	23.347	ug/L	100
3) Chloromethane	2.146	50	176634	26.074	ug/L	98
5) Vinyl chloride	2.275	62	201149	23.259	ug/L	99
6) Bromomethane	2.687	94	97690	18.209	ug/L	97
8) Chloroethane	2.828	64	129860	23.401	ug/L	96
9) Trichlorofluoromethane	3.164	101	166338	23.494	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	119037	23.602	ug/L	97
12) 1,1-Dichloroethene	3.934	96	103733	22.948	ug/L	85
13) Acetone	4.017	43	16092	23.017	ug/L	43
14) Carbon disulfide	4.264	76	328627	23.348	ug/L	97
16) Methylene chloride	4.799	84	148289	23.935	ug/L	93
17) trans-1,2-Dichloroethene	5.305	96	114206	23.597	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	208964	24.329	ug/L	97
19) 1,1-Dichloroethane	6.111	63	199496	24.183	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	127777	23.815	ug/L	93
22) 2-Butanone	7.087	43	45733	46.819	ug/L	91
23) Bromochloromethane	7.422	128	62757	23.928	ug/L	90
25) Chloroform	7.593	83	212934	24.174	ug/L	97
27) 1,2-Dichloroethane	8.322	62	120328	25.923	ug/L	94

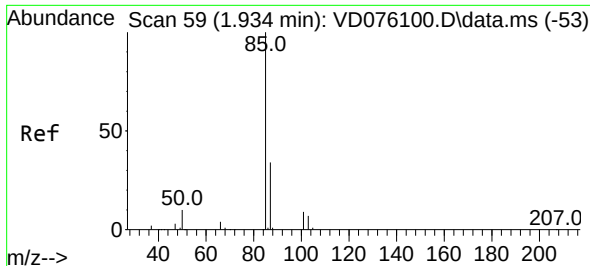
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051223\
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Quant Time: May 14 23:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun May 14 23:54:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	141412	23.868	ug/L	88
30) 1,1,1-Trichloroethane	7.793	97	164759	22.707	ug/L	98
31) Carbon tetrachloride	7.993	117	133608	23.374	ug/L	98
33) Benzene	8.246	78	488829	24.617	ug/L	100
34) Trichloroethene	9.028	95	114378	22.315	ug/L	95
35) Methylcyclohexane	9.275	83	184810	23.798	ug/L	96
37) 1,2-Dichloropropane	9.304	63	124907	24.661	ug/L	100
38) Bromodichloromethane	9.587	83	153990	23.729	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	174387	23.903	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	103409	50.653	ug/L	94
42) Toluene	10.334	91	527971	24.905	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	147661	24.256	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	98306	24.037	ug/L	92
46) Tetrachloroethene	10.810	164	98047	22.897	ug/L	94
48) 2-Hexanone	10.922	43	74615	50.366	ug/L	93
49) Dibromochloromethane	11.075	129	107304	24.318	ug/L	100
50) 1,2-Dibromoethane	11.181	107	87948	24.349	ug/L #	96
51) Chlorobenzene	11.604	112	341998	23.703	ug/L	99
52) Ethylbenzene	11.687	91	531515	24.168	ug/L	99
53) m,p-Xylene	11.793	106	214826	25.049	ug/L	100
54) o-Xylene	12.122	106	203204	24.984	ug/L	93
55) Styrene	12.134	104	375733	26.075	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	111223	24.293	ug/L	99
59) Bromoform	12.298	173	64458	23.802	ug/L	99
60) Isopropylbenzene	12.422	105	518514	24.505	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	71076	23.712	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	381459	23.498	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	377210	24.296	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	253785	23.101	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	262664	22.983	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	234070	23.360	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	13884	23.089	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	150552	21.567	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	121333	21.962	ug/L	98
71) Naphthalene	15.334	128	239301	23.051	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	115671	23.024	ug/L	98

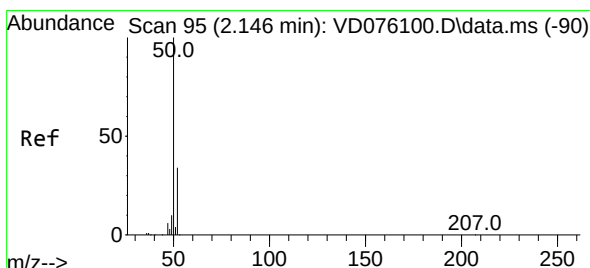
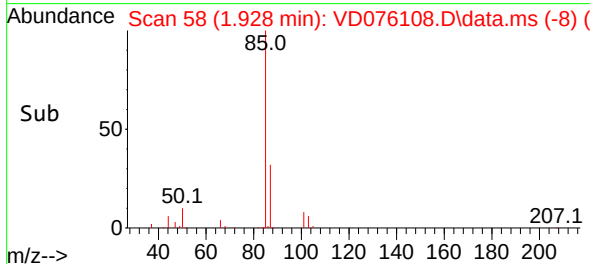
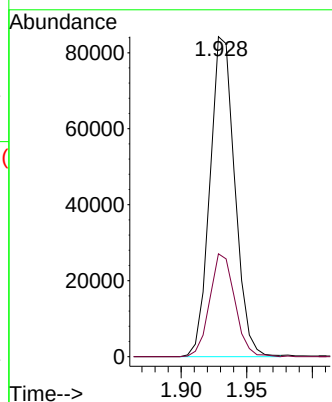
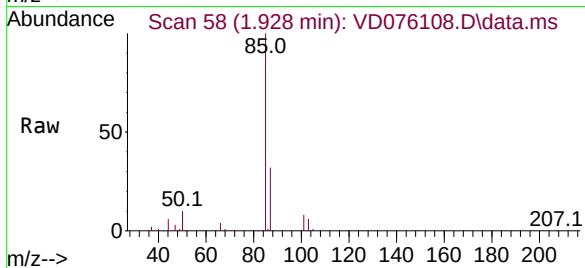
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 23.347 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.006 min
 Lab File: VD076108.D
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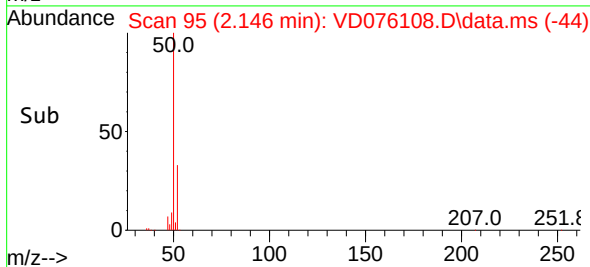
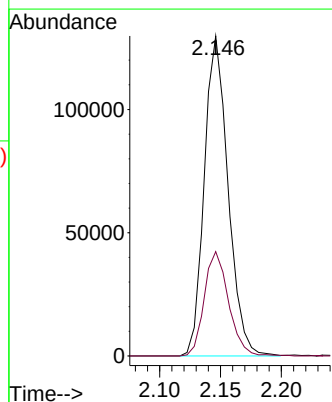
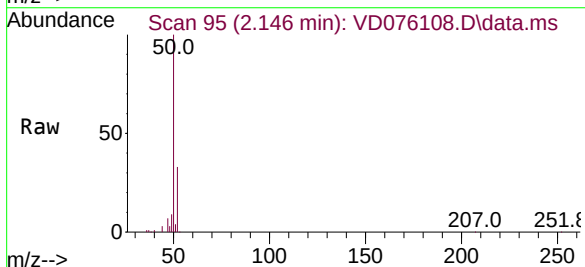
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

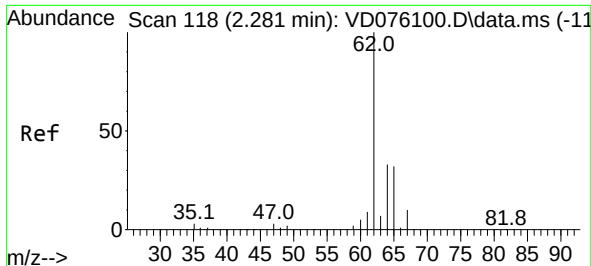
Tgt Ion: 85 Resp: 111259
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 26.074 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Tgt Ion: 50 Resp: 176634
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 44.1

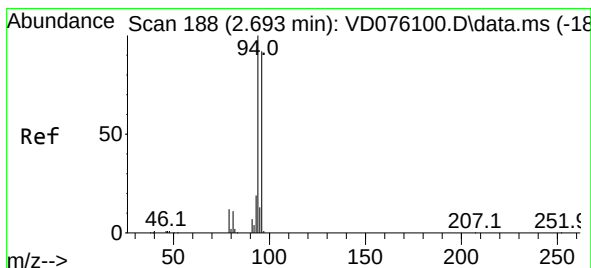
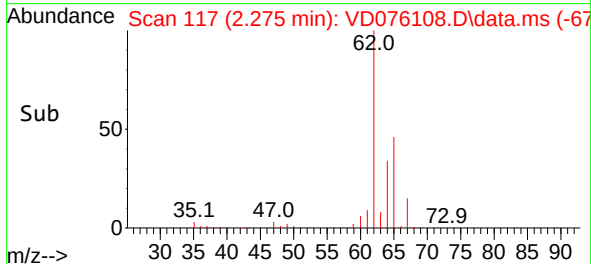
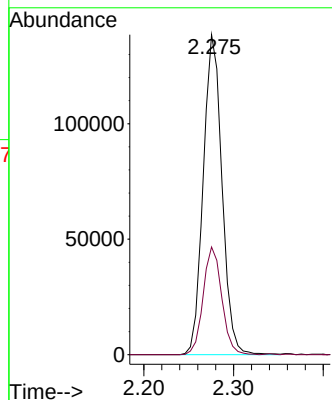
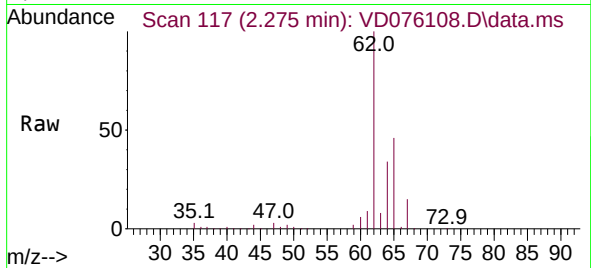




#5
 Vinyl chloride
 Concen: 23.259 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

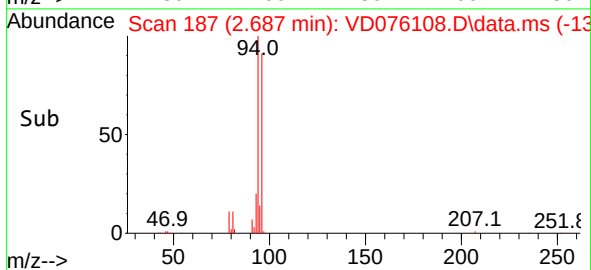
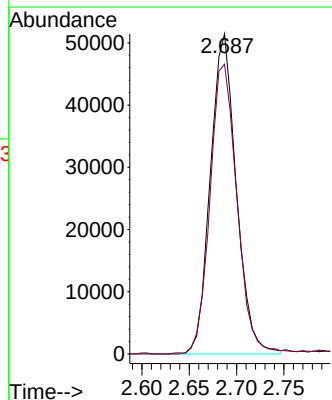
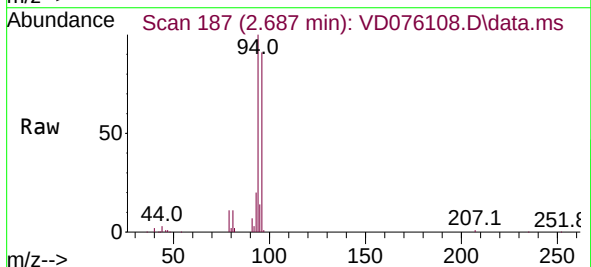
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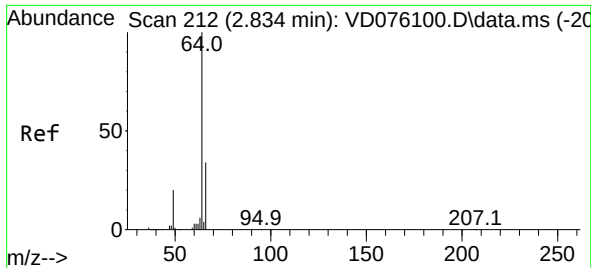
Tgt Ion: 62 Resp: 201149
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.0



#6
 Bromomethane
 Concen: 18.209 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Tgt Ion: 94 Resp: 97690
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.7 121.9

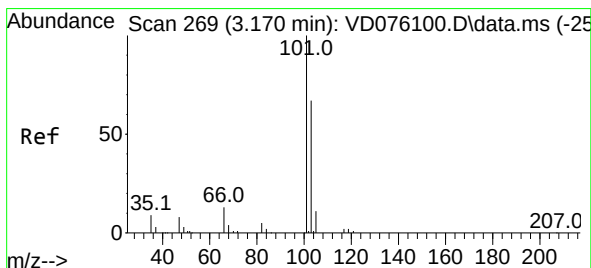
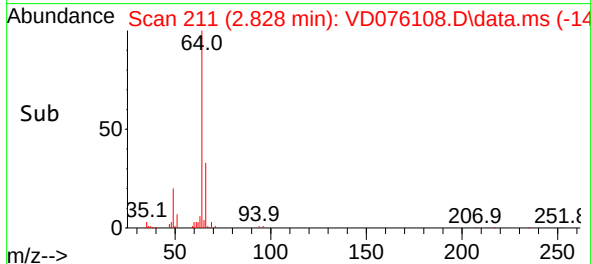
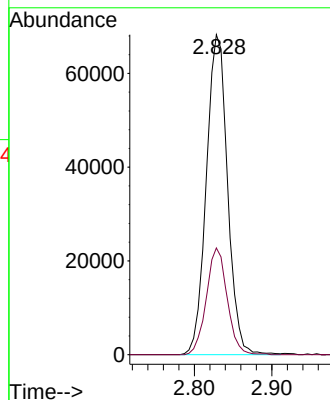
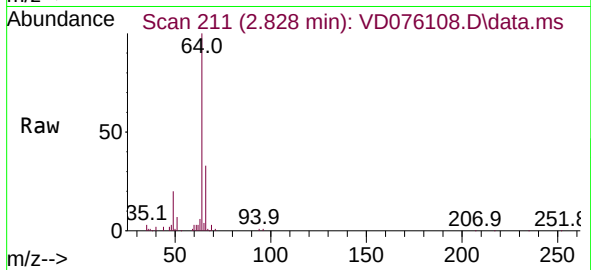




#8
Chloroethane
Concen: 23.401 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

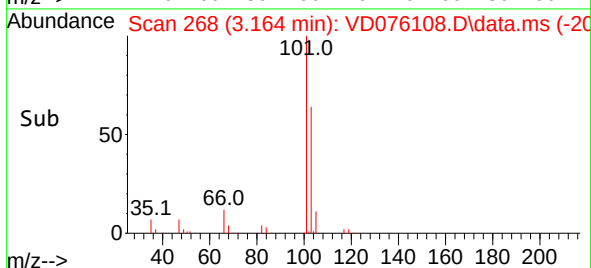
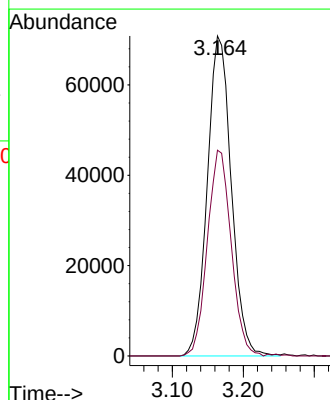
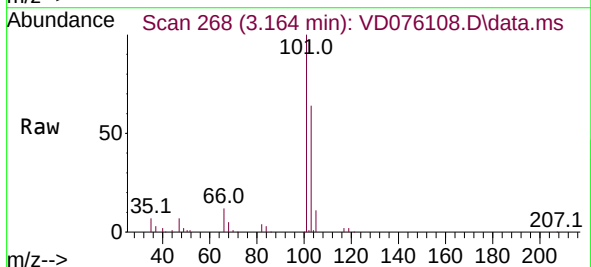
Instrument :
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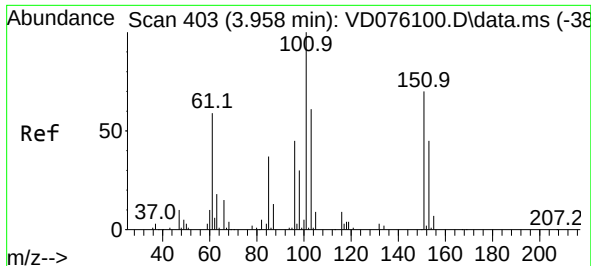
Tgt Ion: 64 Resp: 129860
Ion Ratio Lower Upper
64 100
66 33.3 21.8 40.4



#9
Trichlorofluoromethane
Concen: 23.494 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion:101 Resp: 166338
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

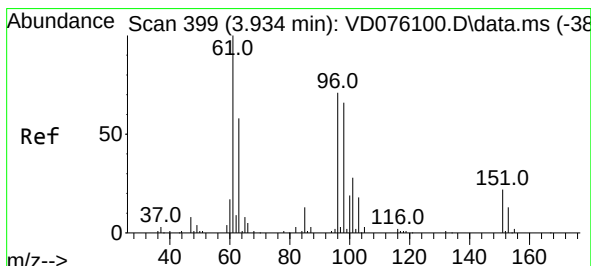
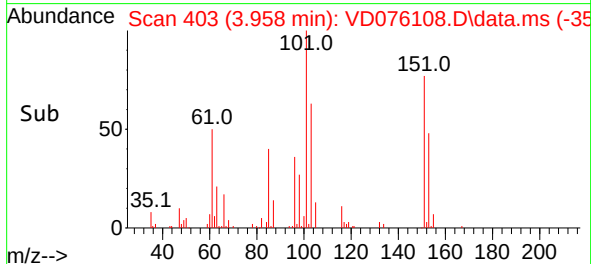
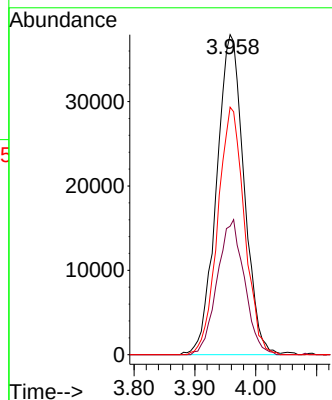
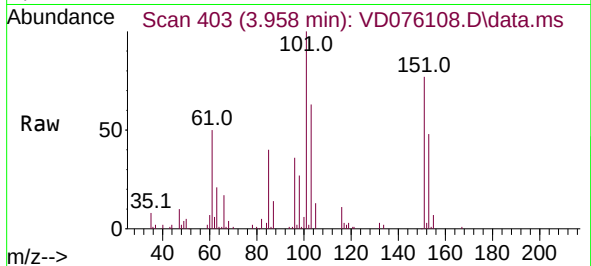




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.602 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

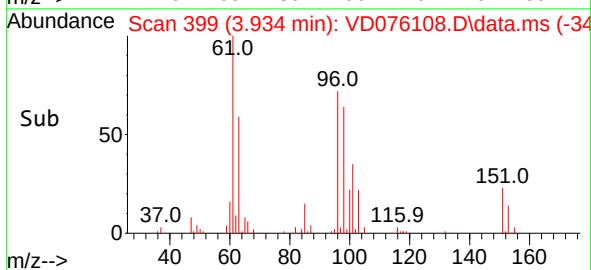
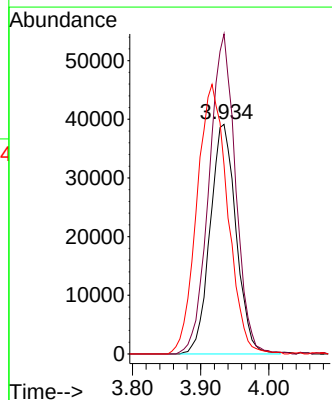
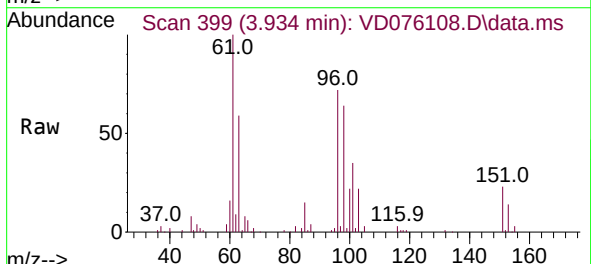
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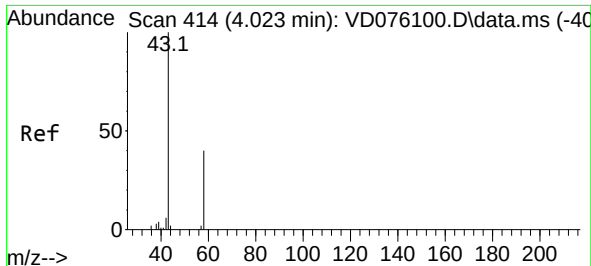
Tgt Ion:101 Resp: 119037
Ion Ratio Lower Upper
101 100
85 41.7 32.9 49.3
151 75.1 57.2 85.8



#12
1,1-Dichloroethene
Concen: 22.948 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 96 Resp: 103733
Ion Ratio Lower Upper
96 100
61 139.4 92.6 172.0
63 82.3 77.4 143.8





#13

Acetone

Concen: 23.017 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

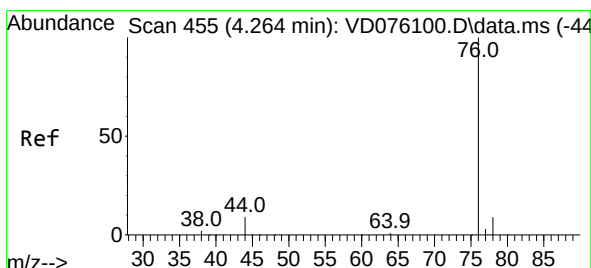
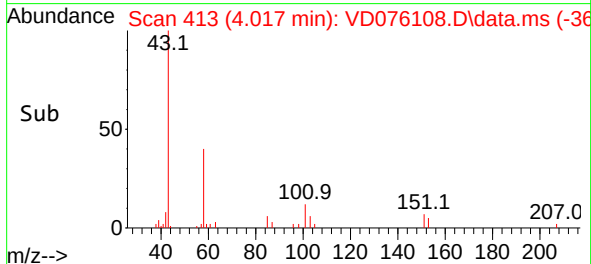
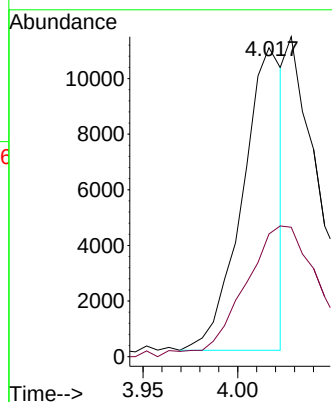
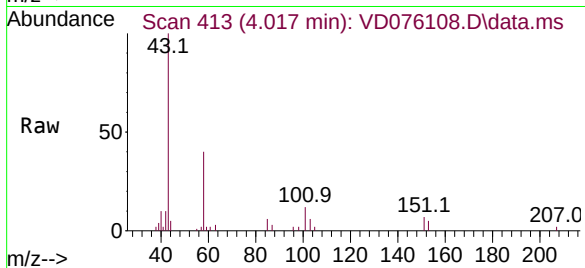
VSTD025157

Tgt Ion: 43 Resp: 16092

Ion Ratio Lower Upper

43 100

58 80.6 0.0 87.4



#14

Carbon disulfide

Concen: 23.348 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076108.D

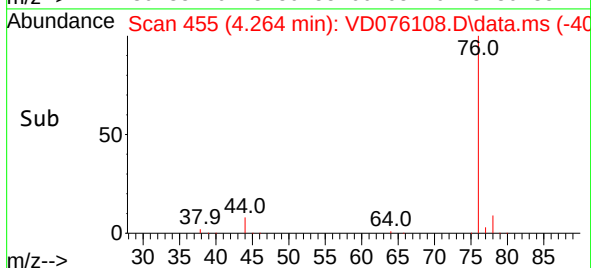
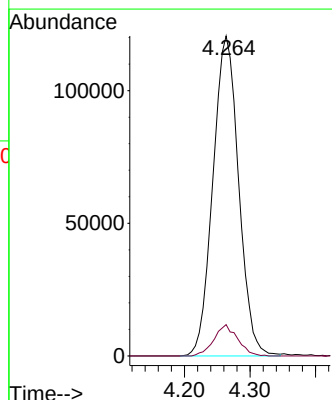
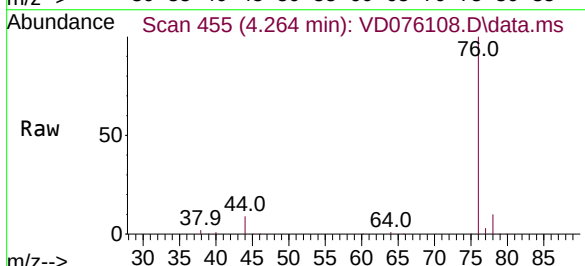
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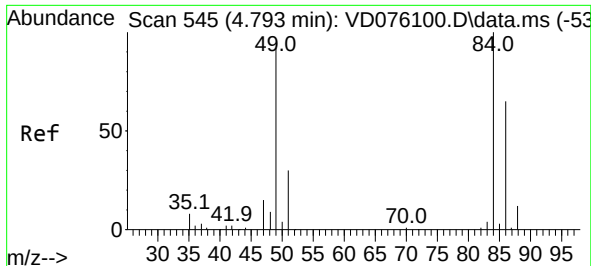
Tgt Ion: 76 Resp: 328627

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6

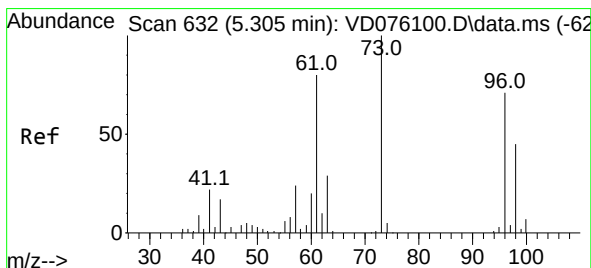
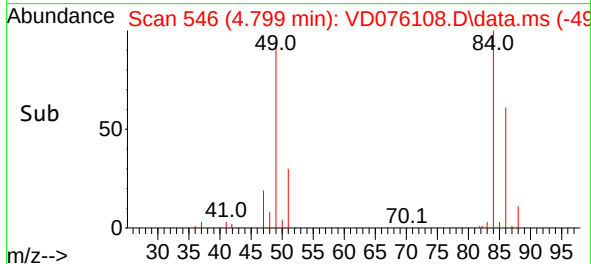
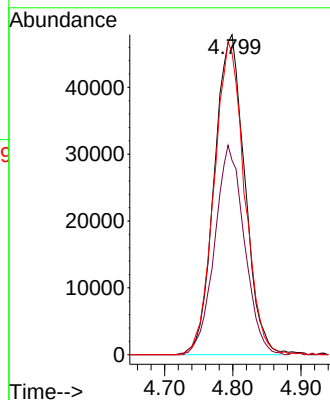
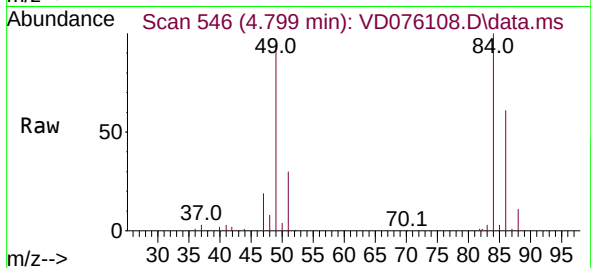




#16
Methylene chloride
Concen: 23.935 ug/L
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

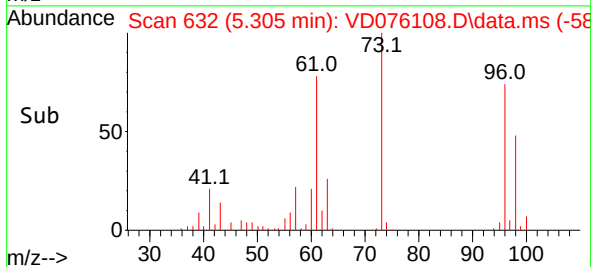
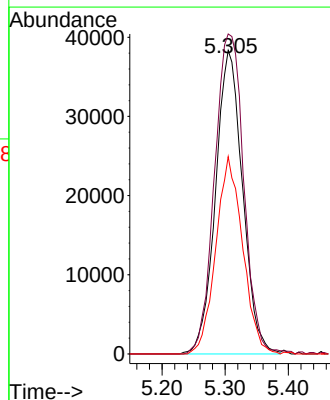
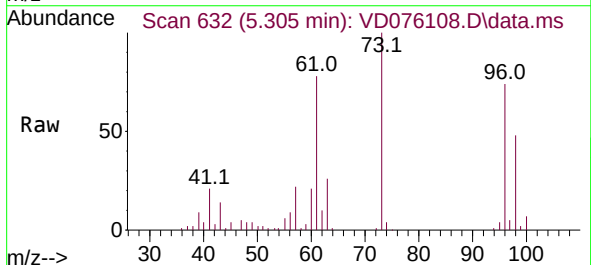
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

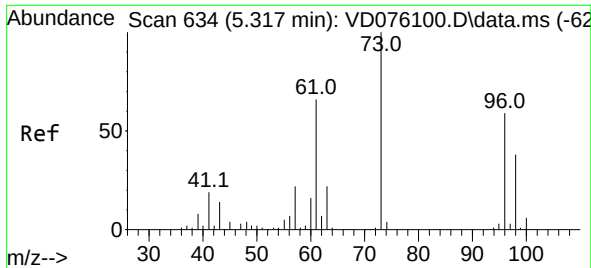
Tgt Ion: 84 Resp: 148289
Ion Ratio Lower Upper
84 100
86 60.7 45.8 85.2
49 94.3 60.8 112.8



#17
trans-1,2-Dichloroethene
Concen: 23.597 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 96 Resp: 114206
Ion Ratio Lower Upper
96 100
61 105.4 72.9 135.5
98 65.0 43.0 79.8

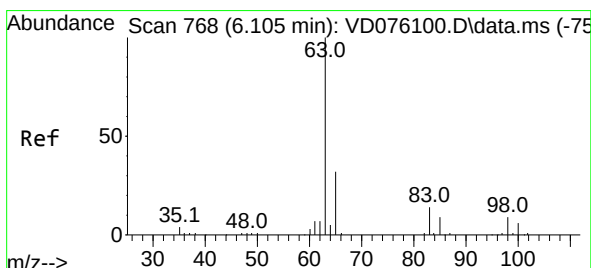
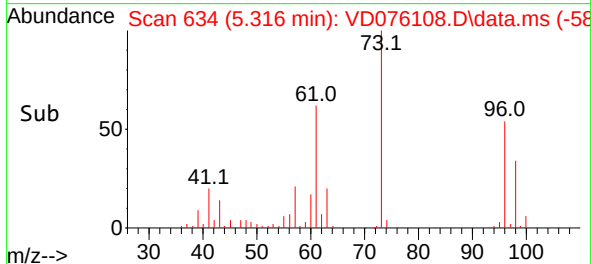
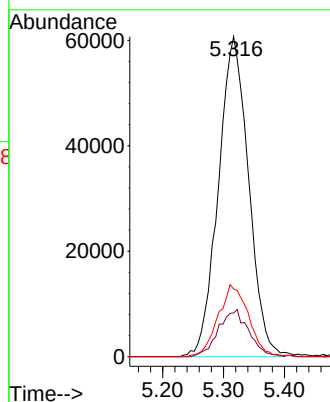
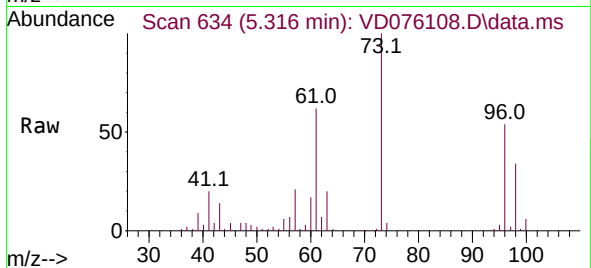




#18
Methyl tert-butyl Ether
Concen: 24.329 ug/L
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

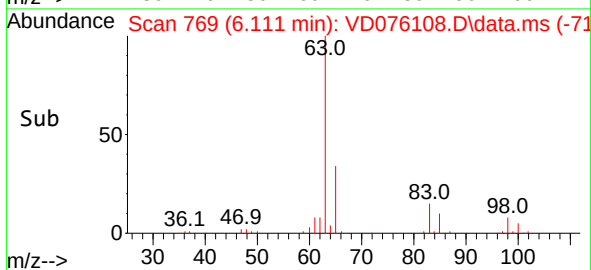
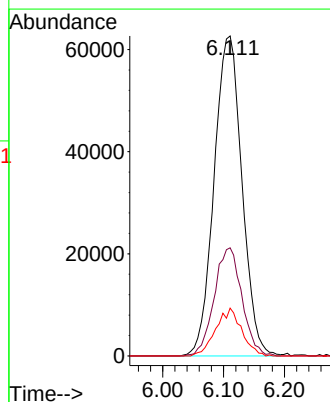
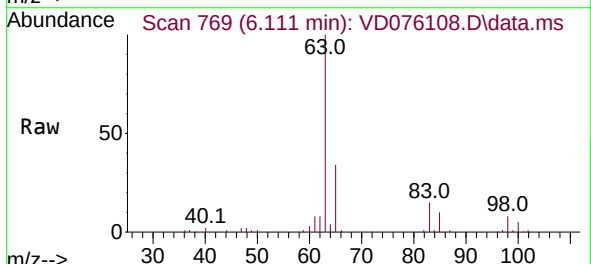
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

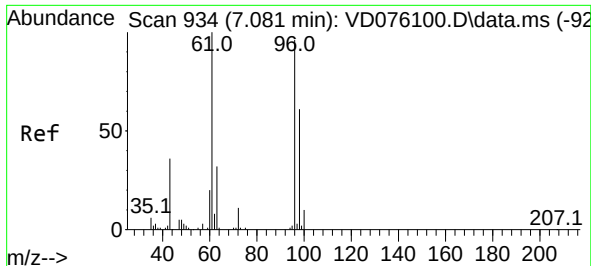
Tgt Ion: 73 Resp: 208964
Ion Ratio Lower Upper
73 100
43 14.7 11.3 16.9
57 22.5 16.3 24.5



#19
1,1-Dichloroethane
Concen: 24.183 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 63 Resp: 199496
Ion Ratio Lower Upper
63 100
65 33.8 22.8 42.4
83 15.0 11.2 20.8



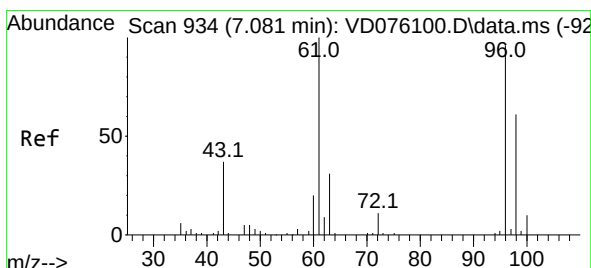
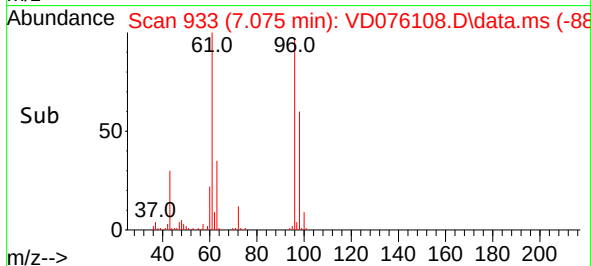
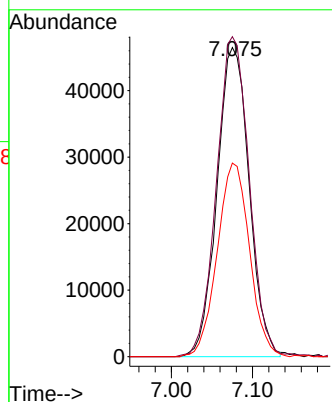
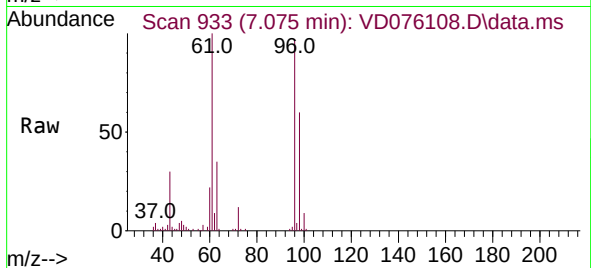


#20
 cis-1,2-Dichloroethene
 Concen: 23.815 ug/L
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

Tgt Ion: 96 Resp: 127777

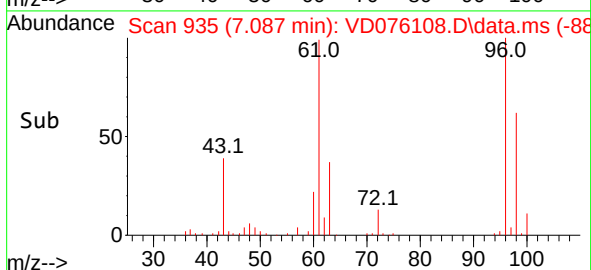
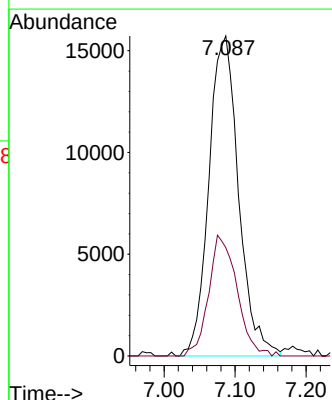
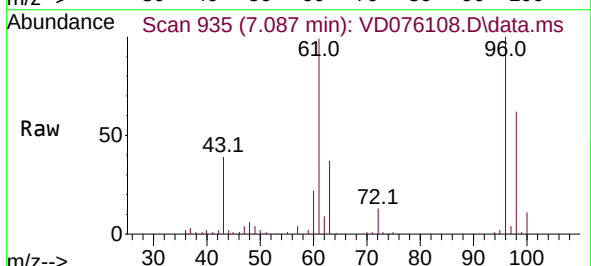
Ion	Ratio	Lower	Upper
96	100		
61	103.5	67.5	125.3
98	62.6	47.5	88.1

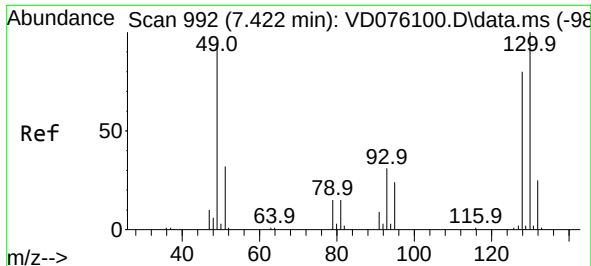


#22
 2-Butanone
 Concen: 46.819 ug/L
 RT: 7.087 min Scan# 935
 Delta R.T. 0.006 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Tgt Ion: 43 Resp: 45733

Ion	Ratio	Lower	Upper
43	100		
72	35.4	20.5	61.5

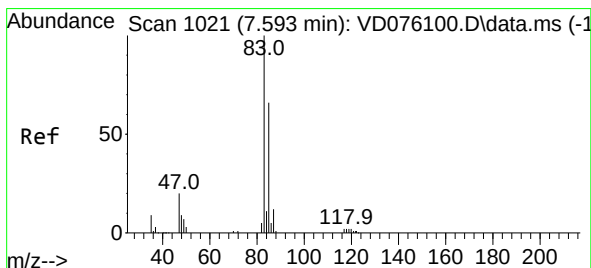
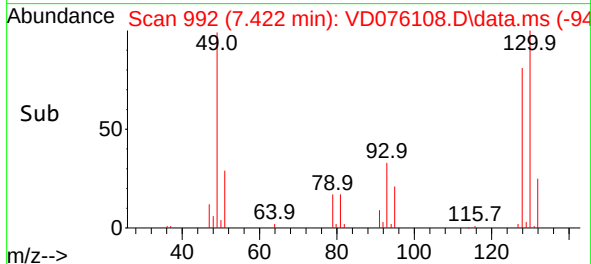
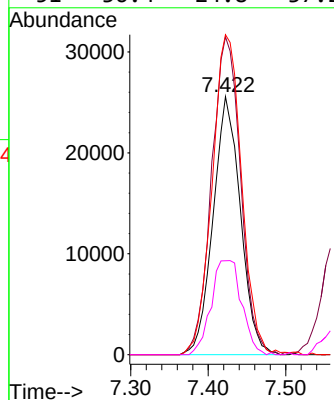
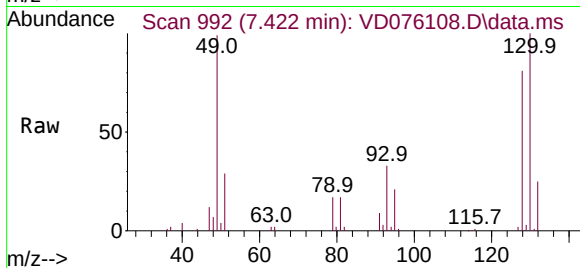




#23
Bromochloromethane
Concen: 23.928 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

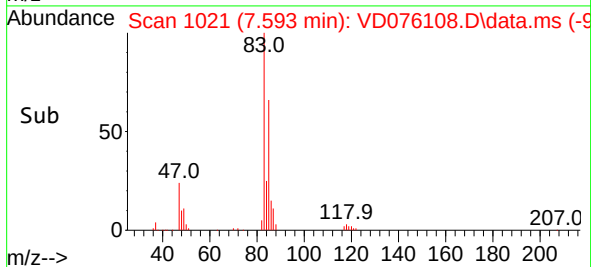
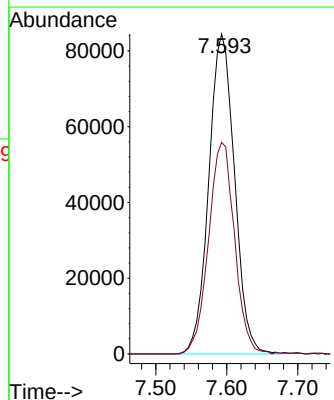
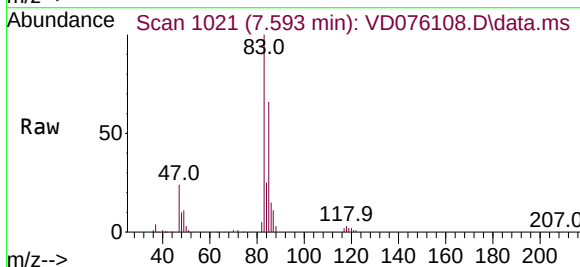
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

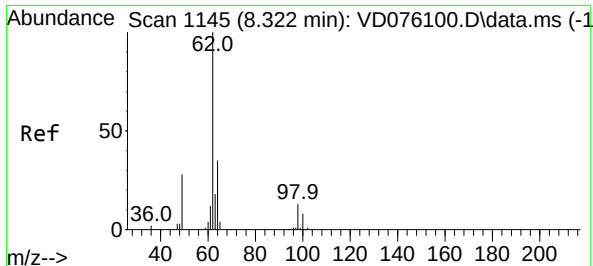
Tgt Ion:	128	Resp:	62757
Ion	Ratio	Lower	Upper
128	100		
49	123.1	76.4	142.0
130	124.0	93.5	173.7
51	36.4	24.8	37.2



#25
Chloroform
Concen: 24.174 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion:	83	Resp:	212934
Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.4	82.5





#27

1,2-Dichloroethane

Concen: 25.923 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

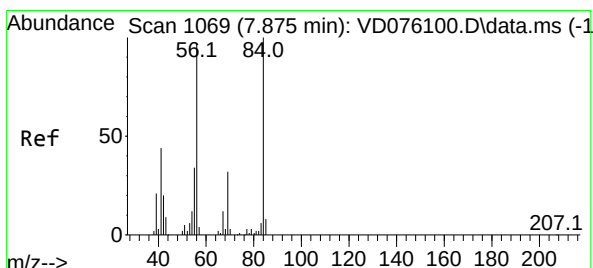
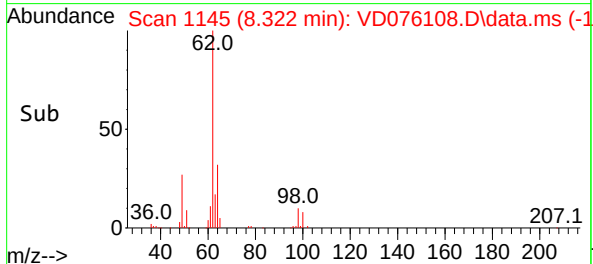
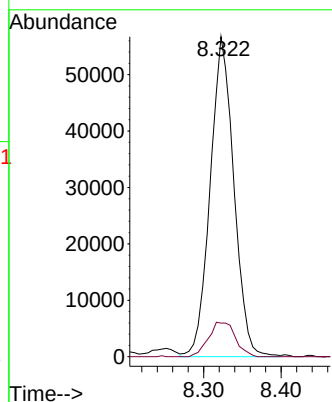
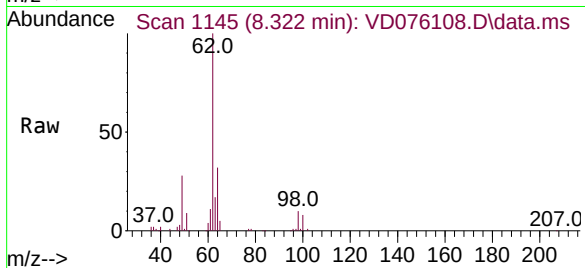
VSTD025157

Tgt Ion: 62 Resp: 120328

Ion Ratio Lower Upper

62 100

98 10.5 10.2 15.2



#29

Cyclohexane

Concen: 23.868 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

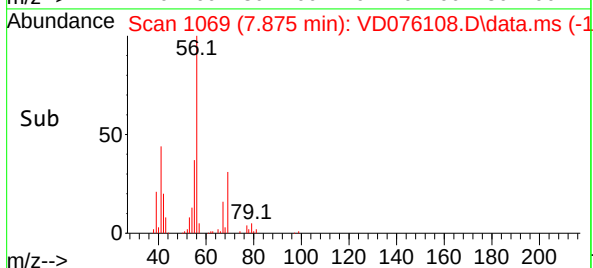
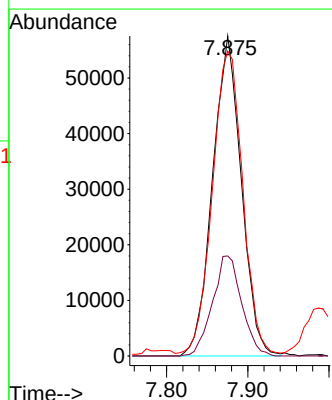
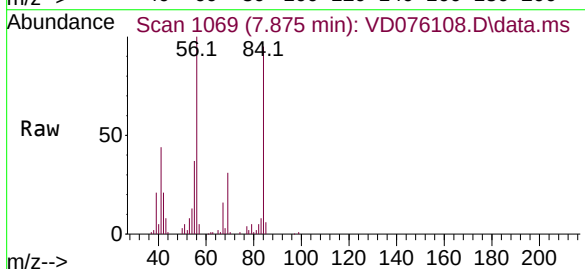
Tgt Ion: 56 Resp: 141412

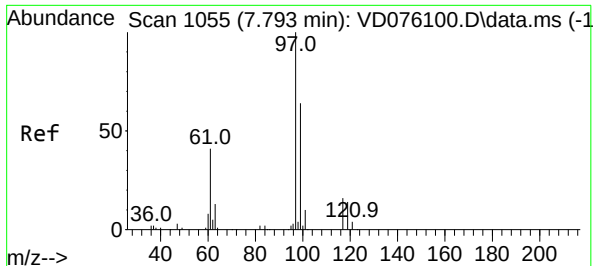
Ion Ratio Lower Upper

56 100

69 31.7 28.2 42.2

84 100.8 92.4 138.6





#30

1,1,1-Trichloroethane

Concen: 22.707 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTD025157

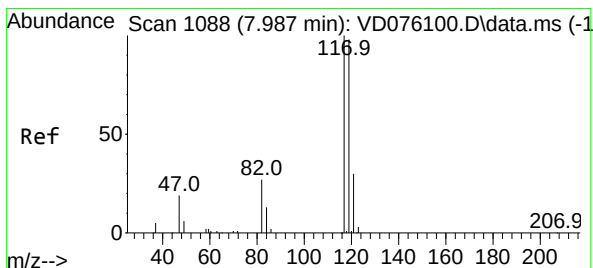
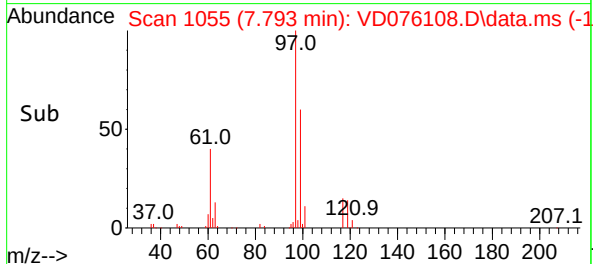
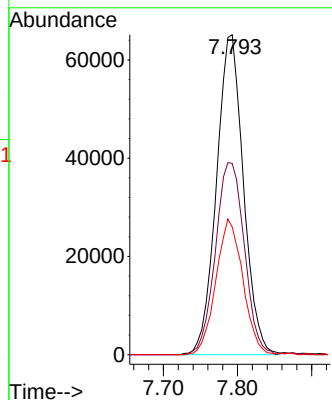
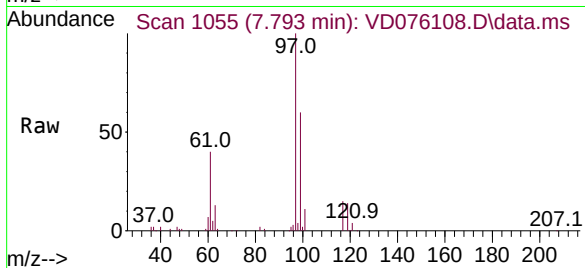
Tgt Ion: 97 Resp: 164759

Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 42.4 32.1 48.1



#31

Carbon tetrachloride

Concen: 23.374 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD076108.D

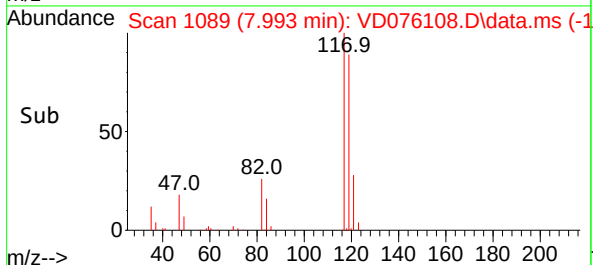
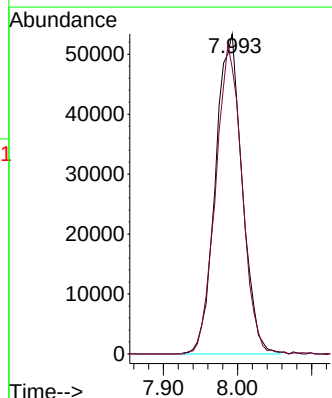
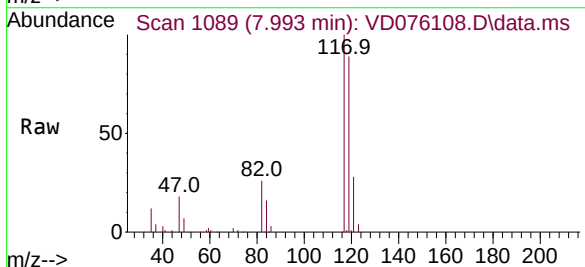
Acq: 12 May 2023 15:39

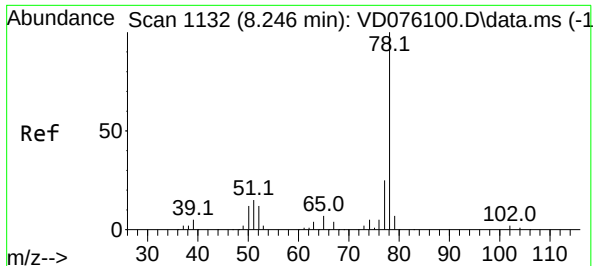
Tgt Ion: 117 Resp: 133608

Ion Ratio Lower Upper

117 100

119 95.5 78.2 117.4

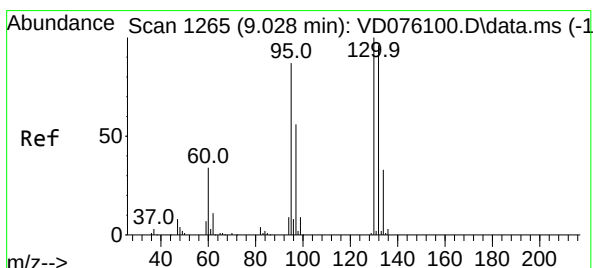
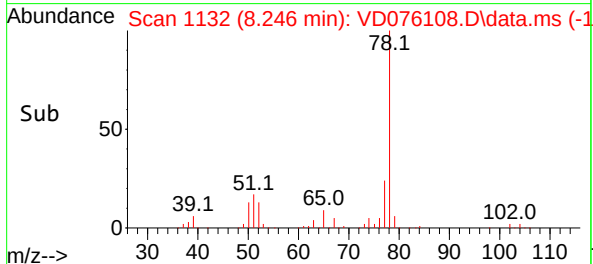
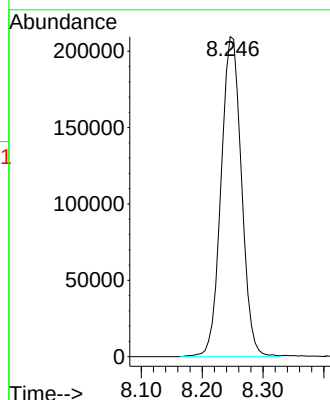
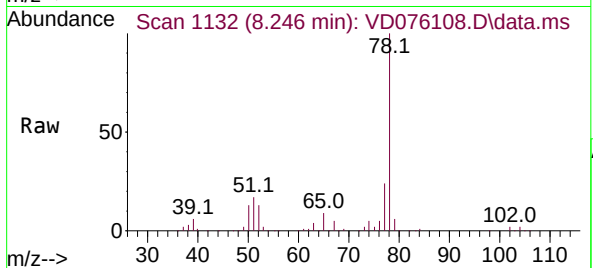




#33
Benzene
Concen: 24.617 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

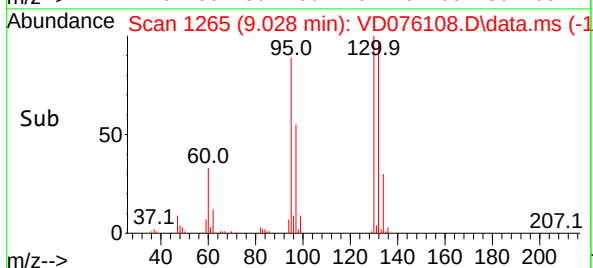
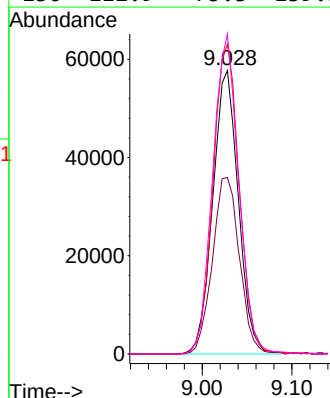
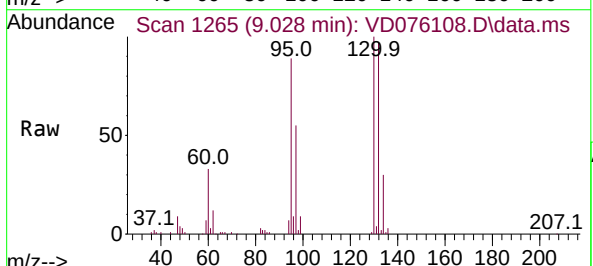
Tgt Ion: 78 Resp: 488829

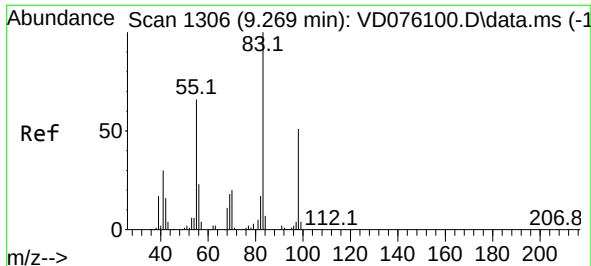


#34
Trichloroethene
Concen: 22.315 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 95 Resp: 114378

Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.0	85.4
132	109.3	73.3	136.1
130	112.9	75.3	139.9





#35

Methylcyclohexane

Concen: 23.798 ug/L

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTD025157

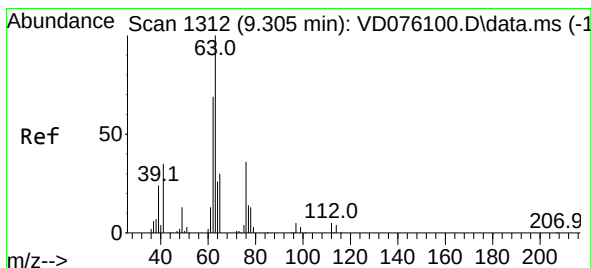
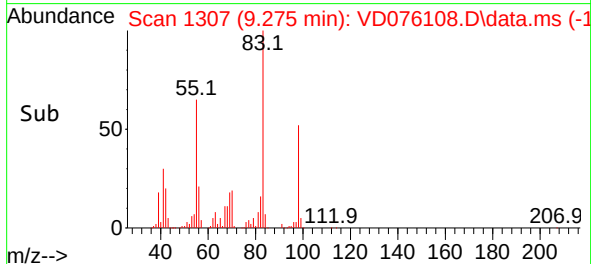
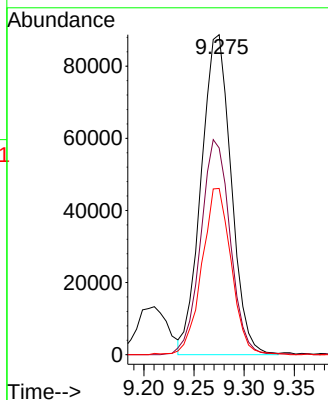
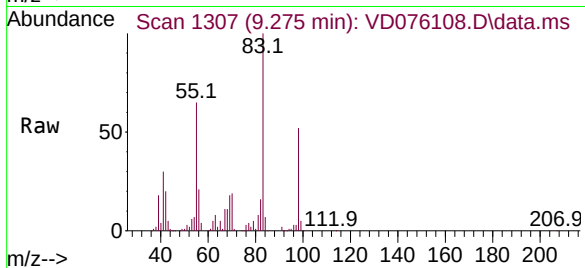
Tgt Ion: 83 Resp: 184810

Ion Ratio Lower Upper

83 100

55 66.1 48.2 72.2

98 50.8 40.8 61.2



#37

1,2-Dichloropropane

Concen: 24.661 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076108.D

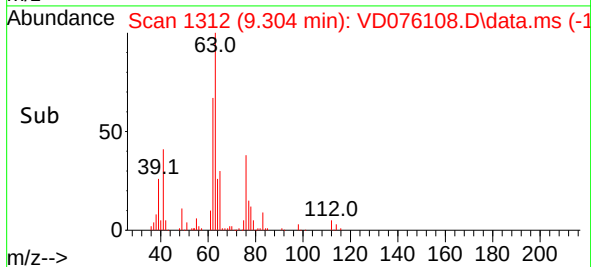
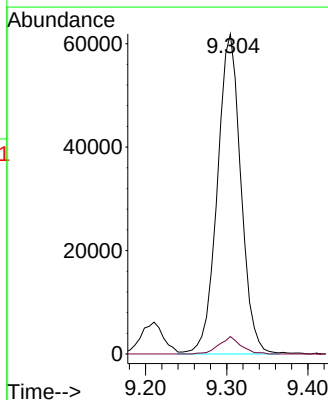
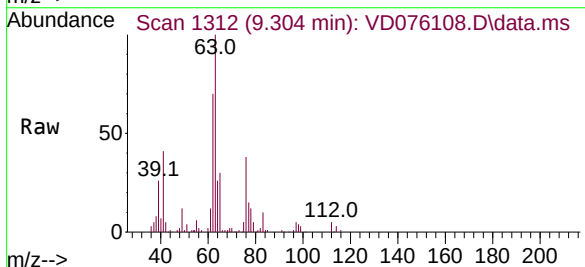
Acq: 12 May 2023 15:39

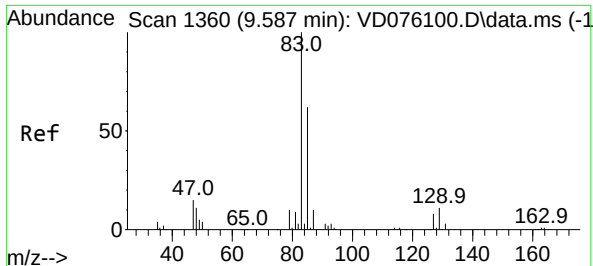
Tgt Ion: 63 Resp: 124907

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0

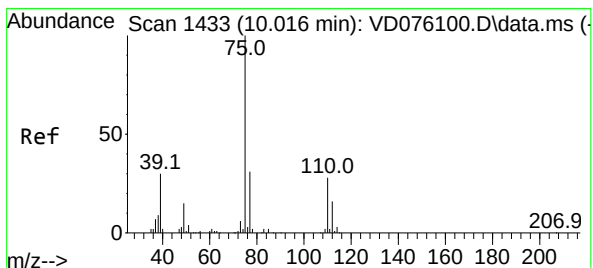
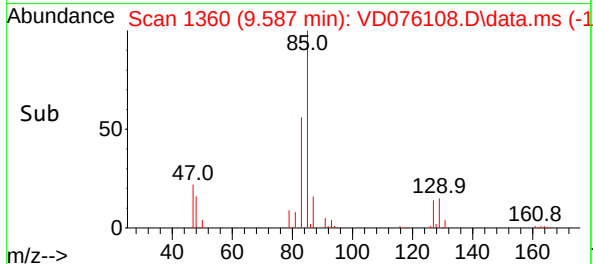
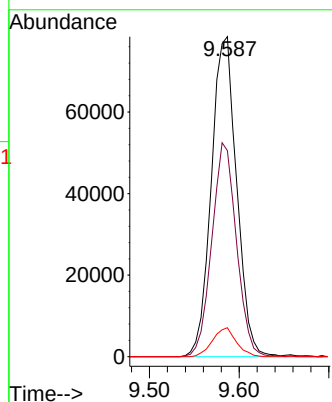
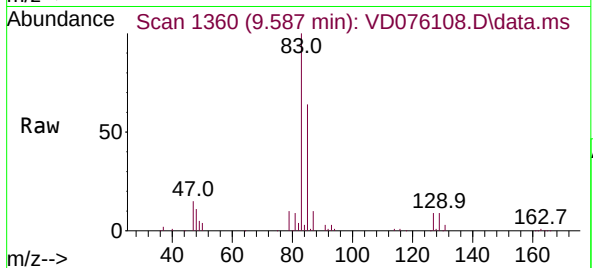




#38
Bromodichloromethane
Concen: 23.729 ug/L
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

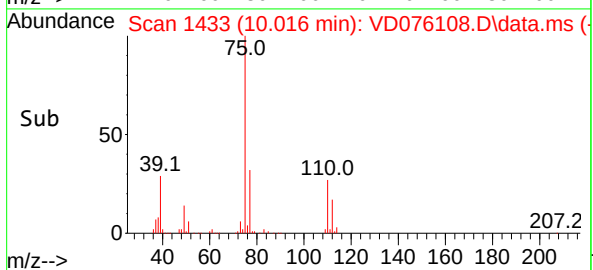
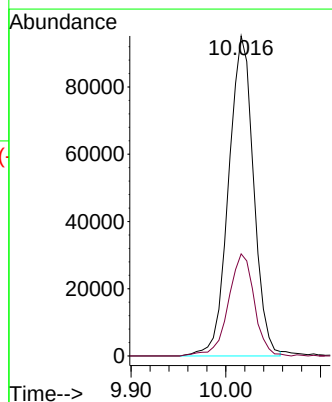
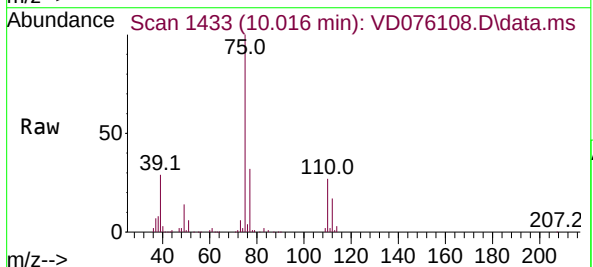
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

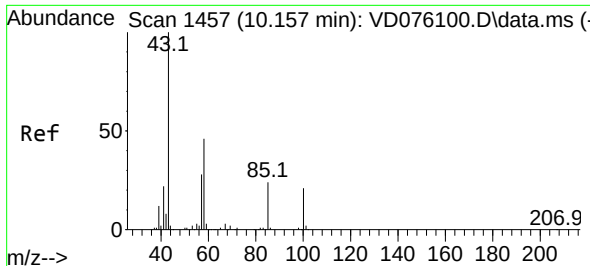
Tgt Ion: 83 Resp: 153990
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2
127 9.1 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 23.903 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 75 Resp: 174387
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.6

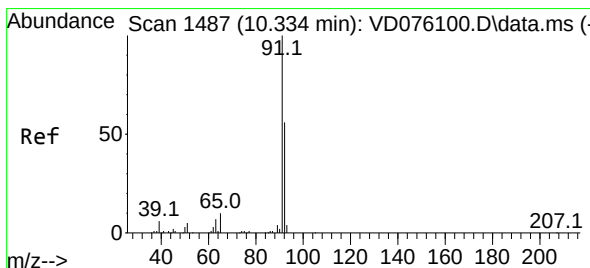
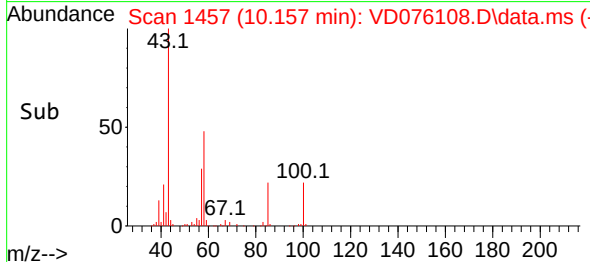
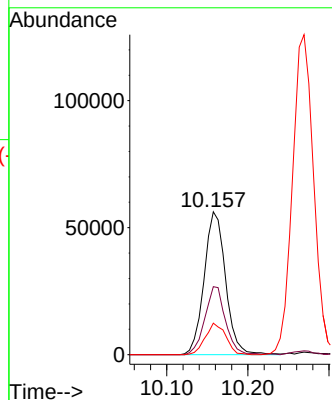
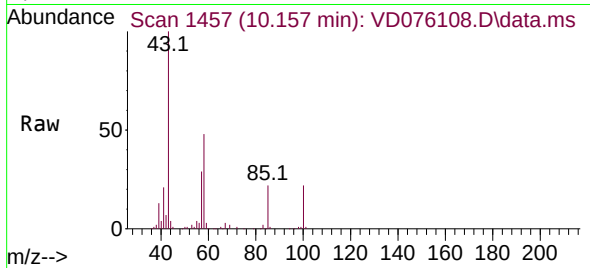




#40
4-Methyl-2-pentanone
Concen: 50.653 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

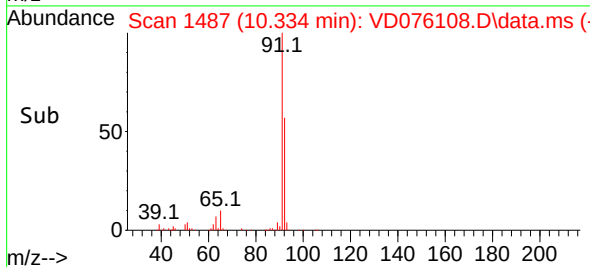
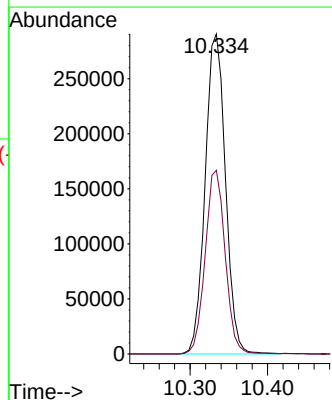
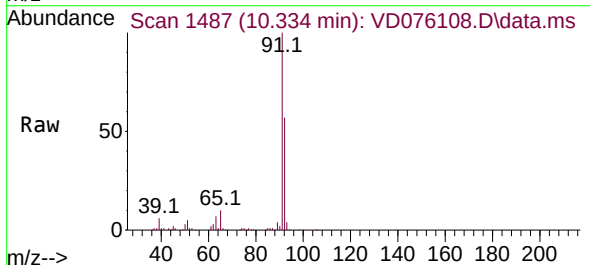
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

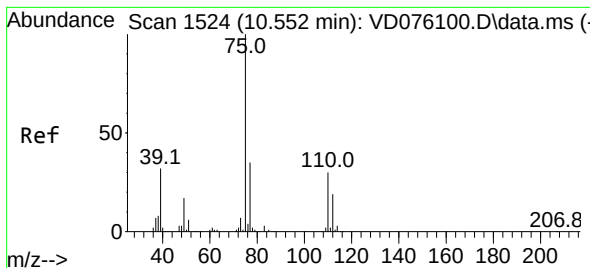
Tgt Ion: 43 Resp: 103409
Ion Ratio Lower Upper
43 100
58 45.2 39.1 58.7
100 21.0 19.4 29.0



#42
Toluene
Concen: 24.905 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 91 Resp: 527971
Ion Ratio Lower Upper
91 100
92 57.4 39.3 72.9

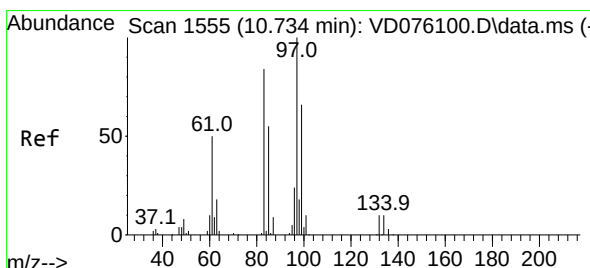
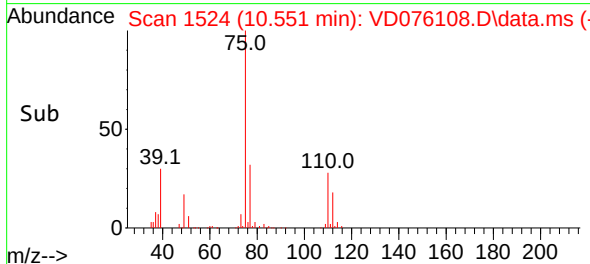
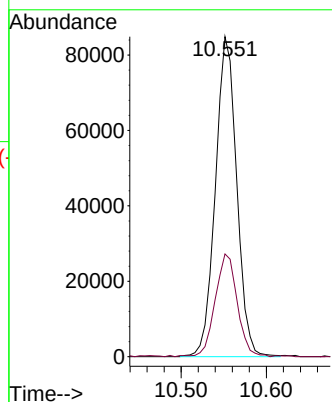
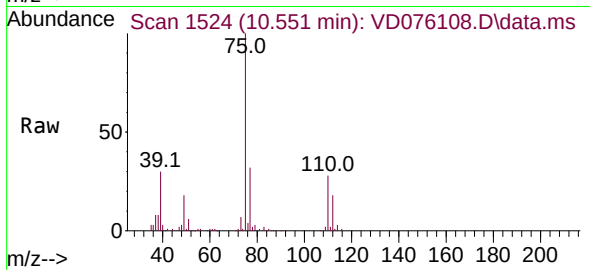




#44
trans-1,3-Dichloropropene
Concen: 24.256 ug/L
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

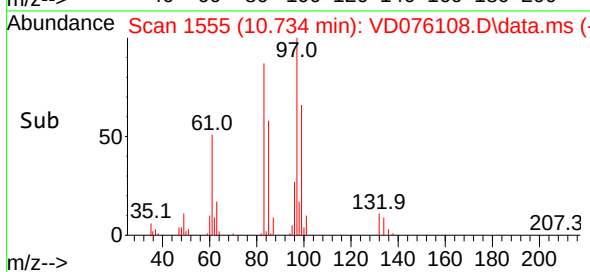
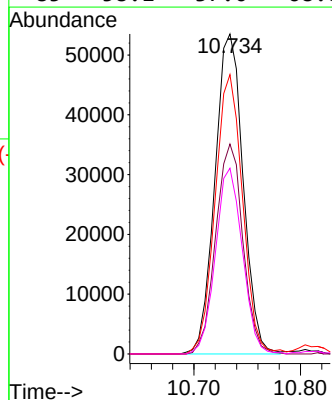
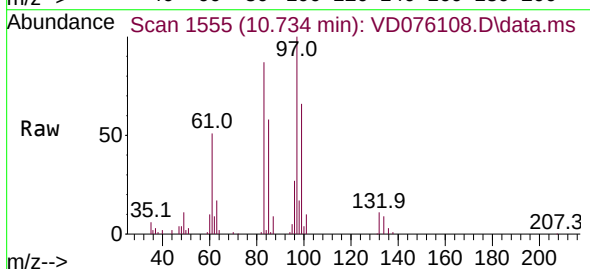
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

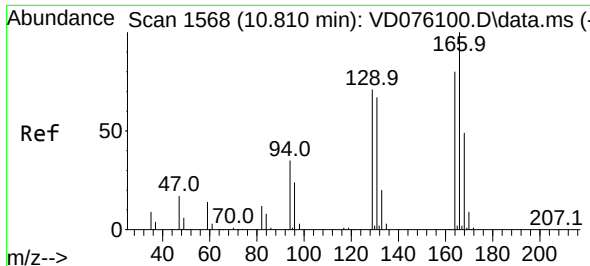
Tgt Ion: 75 Resp: 147661
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 24.037 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 97 Resp: 98306
Ion Ratio Lower Upper
97 100
99 65.6 42.2 78.4
83 87.3 54.8 101.8
85 58.1 37.0 68.8

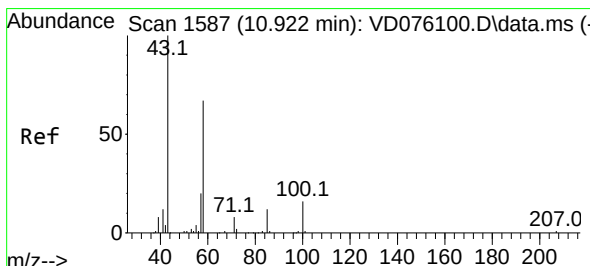
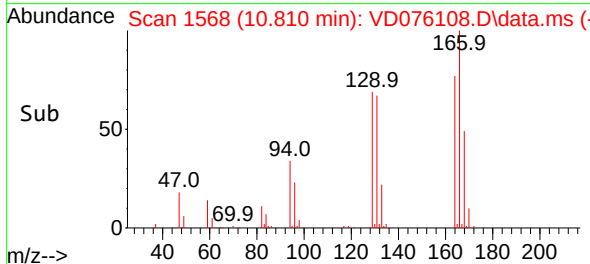
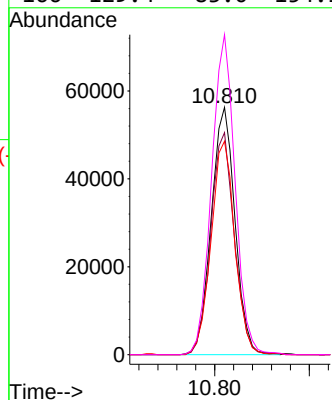
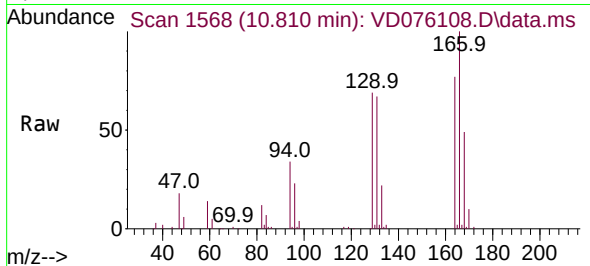




#46
Tetrachloroethene
Concen: 22.897 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

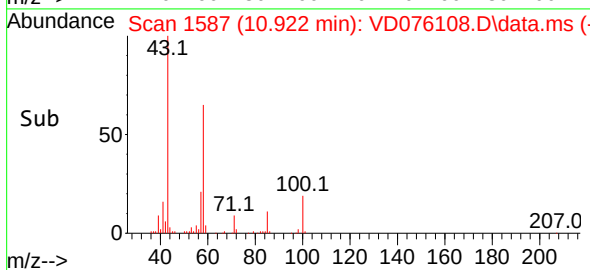
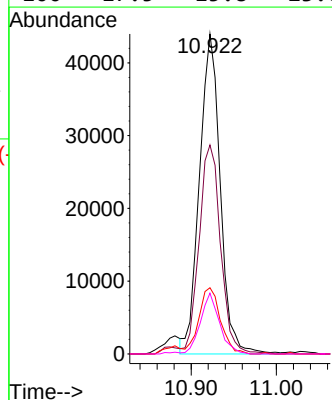
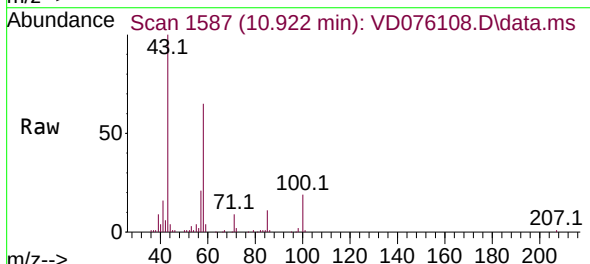
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

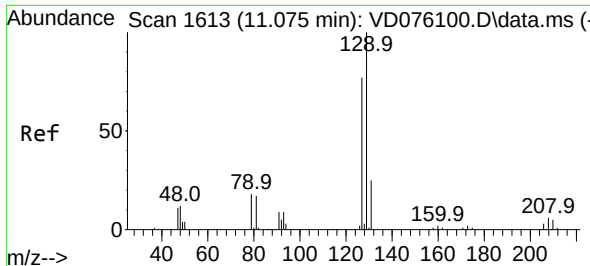
Tgt Ion:164	Resp:	98047
Ion	Ratio	Lower Upper
164	100	
129	89.8	60.3 112.1
131	86.3	58.9 109.3
166	129.4	83.0 154.1



#48
2-Hexanone
Concen: 50.366 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 43	Resp:	74615
Ion	Ratio	Lower Upper
43	100	
58	67.4	59.7 89.5
57	21.4	17.9 26.9
100	17.5	15.8 23.6

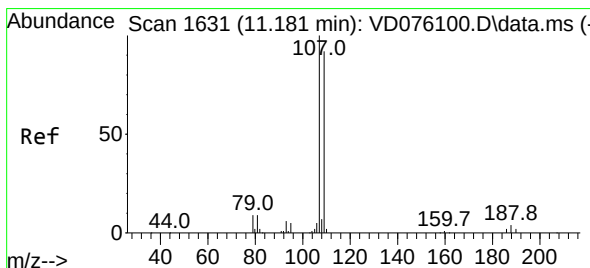
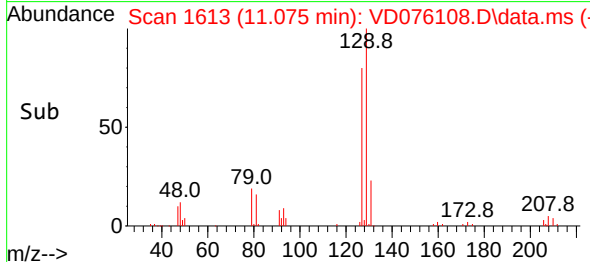
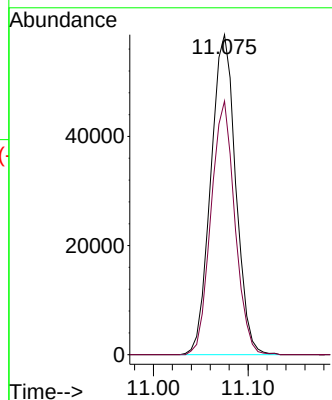
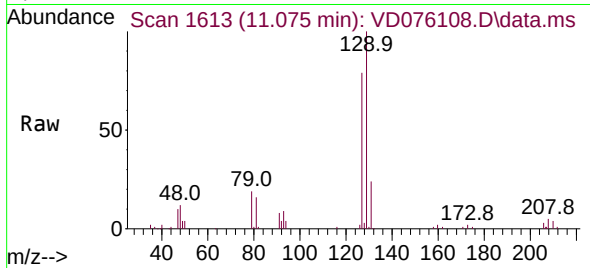




#49
Dibromochloromethane
Concen: 24.318 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

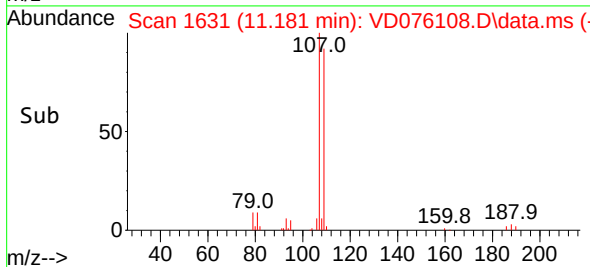
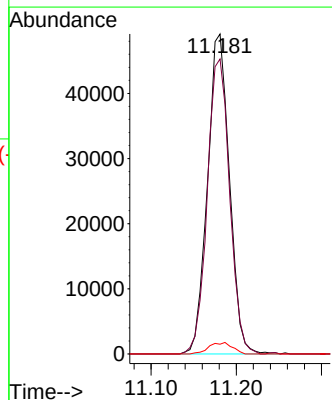
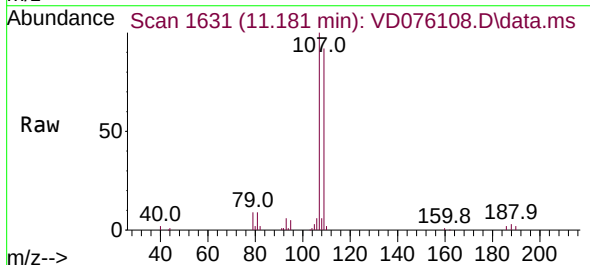
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

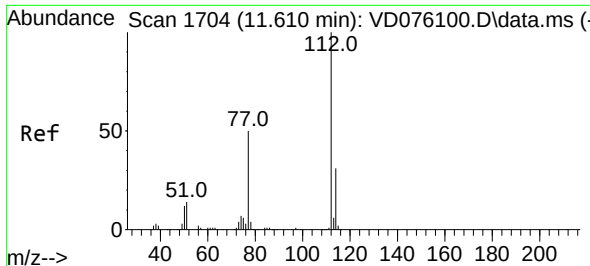
Tgt Ion:129 Resp: 107304
Ion Ratio Lower Upper
129 100
127 79.3 55.6 103.4



#50
1,2-Dibromoethane
Concen: 24.349 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion:107 Resp: 87948
Ion Ratio Lower Upper
107 100
109 92.2 67.6 125.6
188 3.0 3.0 4.6#

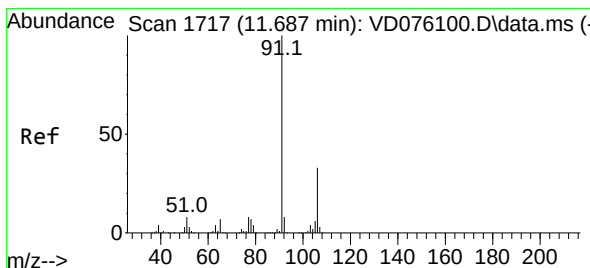
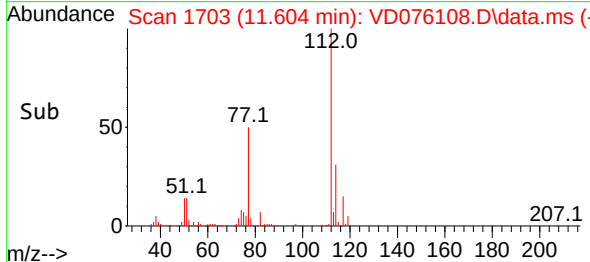
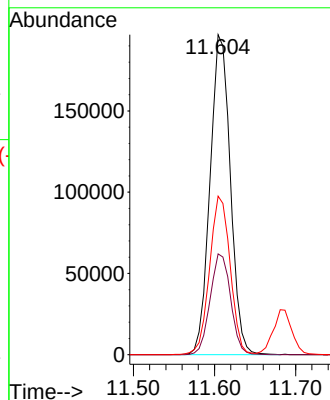
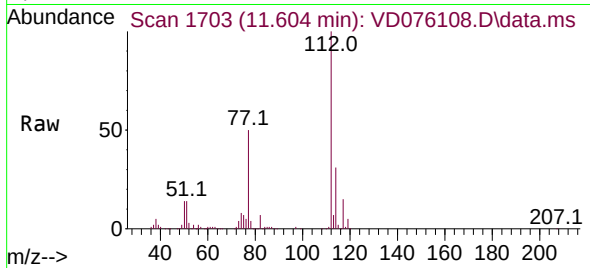




#51
Chlorobenzene
Concen: 23.703 ug/L
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

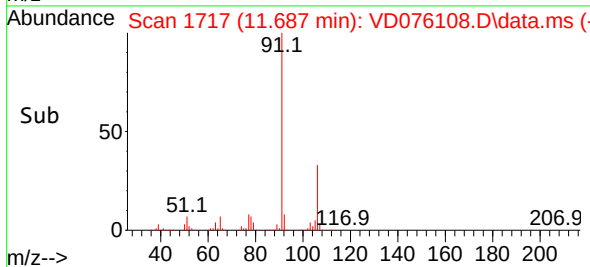
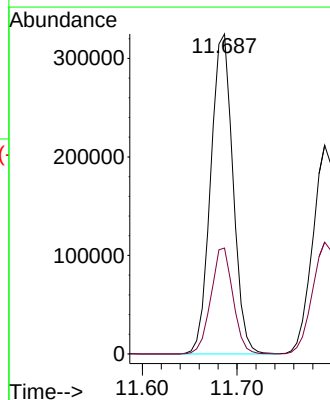
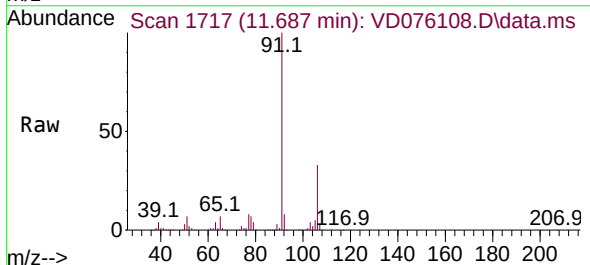
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

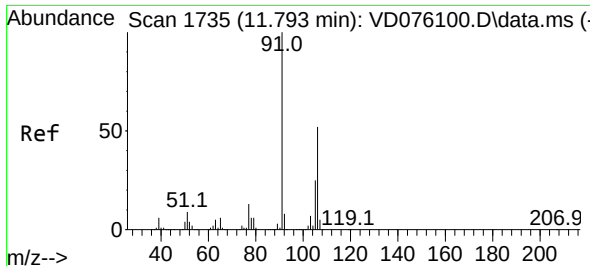
Tgt Ion:112 Resp: 341998
Ion Ratio Lower Upper
112 100
114 31.5 23.0 42.8
77 49.6 39.7 59.5



#52
Ethylbenzene
Concen: 24.168 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion: 91 Resp: 531515
Ion Ratio Lower Upper
91 100
106 33.1 23.7 43.9

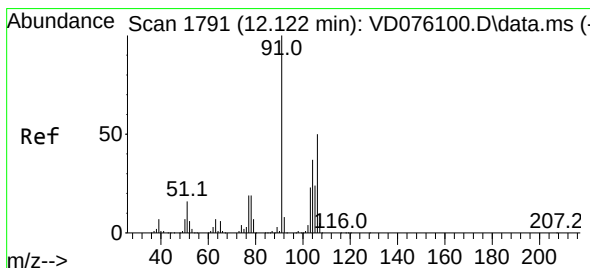
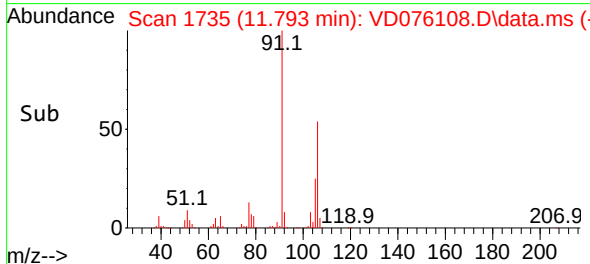
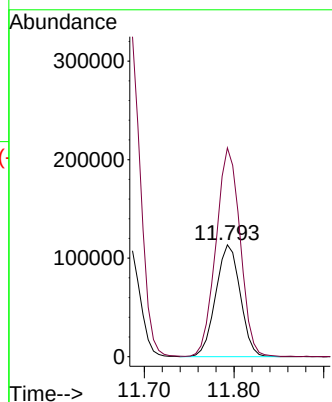
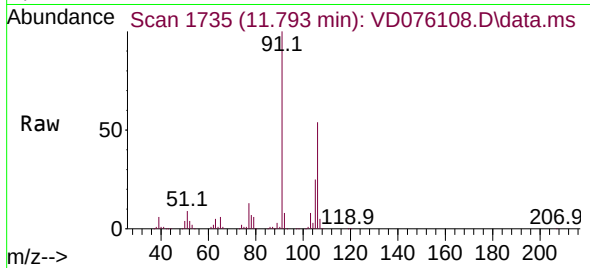




#53
m,p-Xylene
Concen: 25.049 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

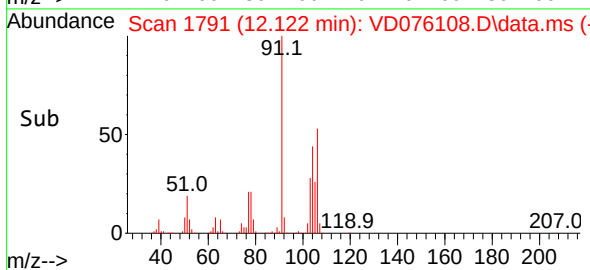
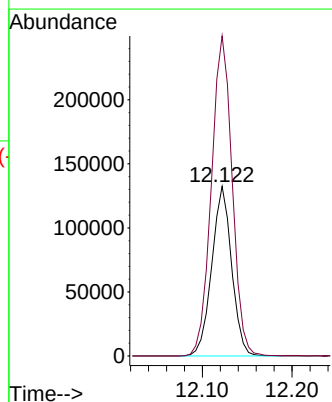
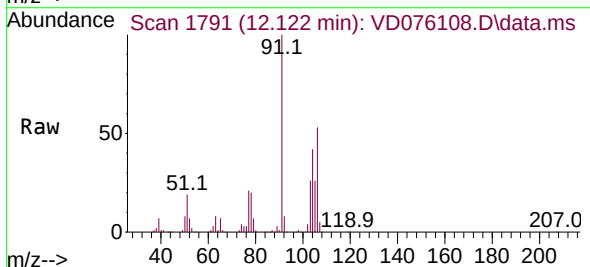
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

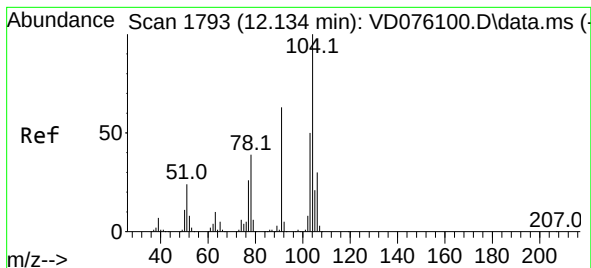
Tgt Ion:106 Resp: 214826
Ion Ratio Lower Upper
106 100
91 186.6 130.9 243.1



#54
o-Xylene
Concen: 24.984 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion:106 Resp: 203204
Ion Ratio Lower Upper
106 100
91 188.7 139.8 259.6





#55

Styrene

Concen: 26.075 ug/L

RT: 12.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

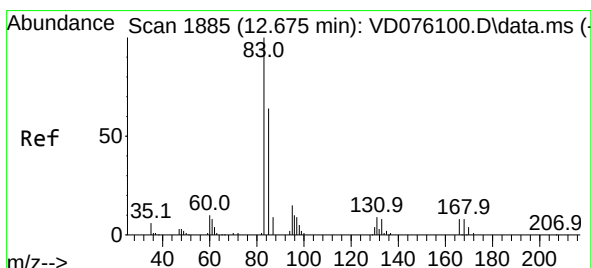
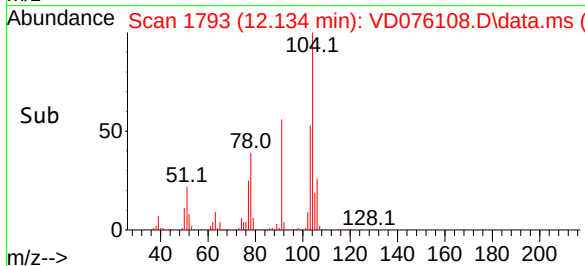
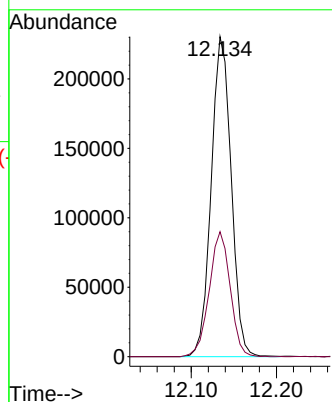
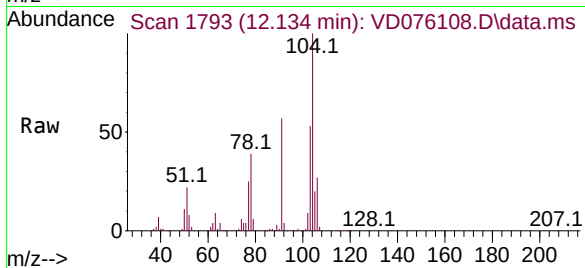
VSTD025157

Tgt Ion:104 Resp: 375733

Ion Ratio Lower Upper

104 100

78 39.0 26.2 48.6



#57

1,1,2,2-Tetrachloroethane

Concen: 24.293 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

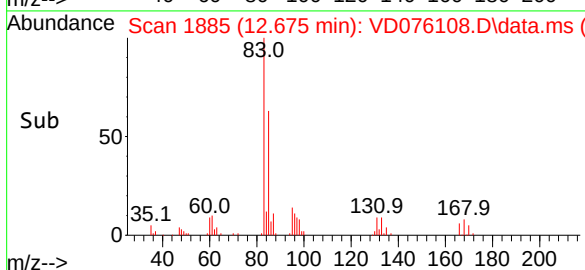
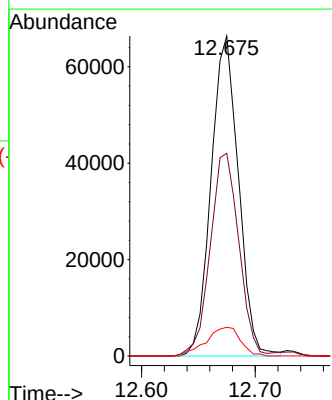
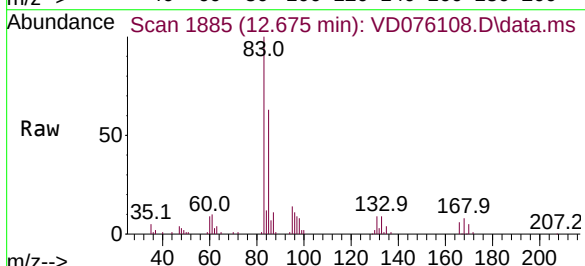
Tgt Ion: 83 Resp: 111223

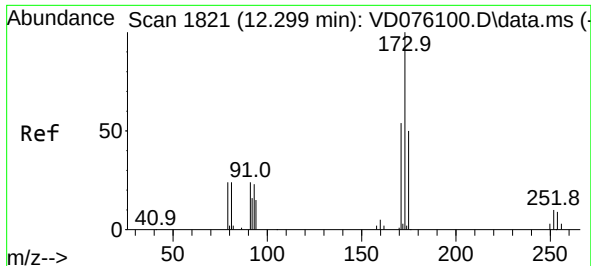
Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.7

131 9.0 7.0 10.6

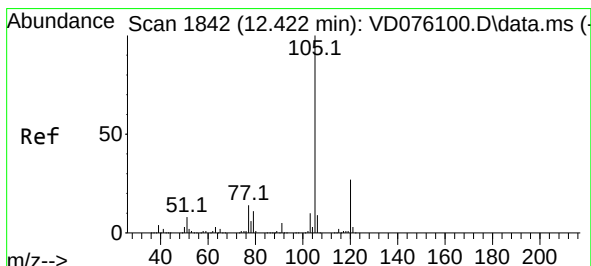
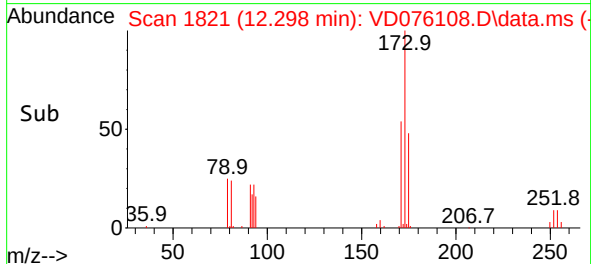
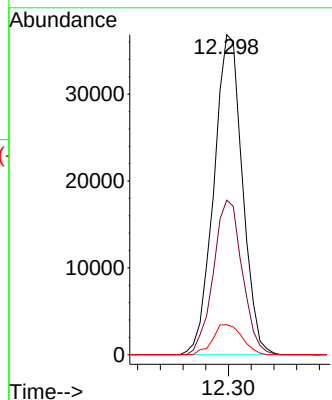
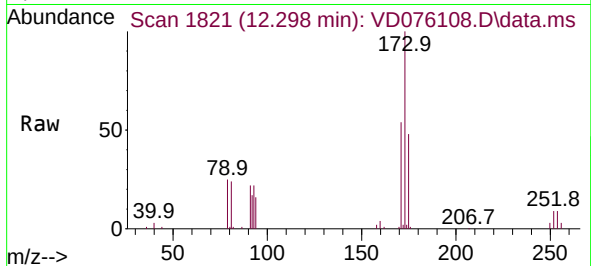




#59
Bromoform
Concen: 23.802 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

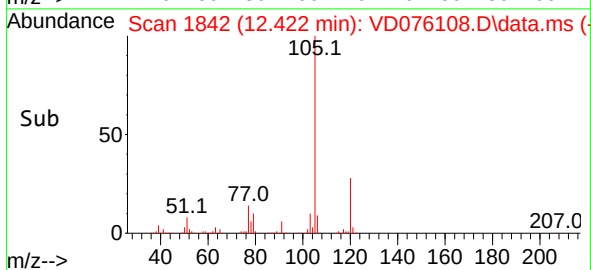
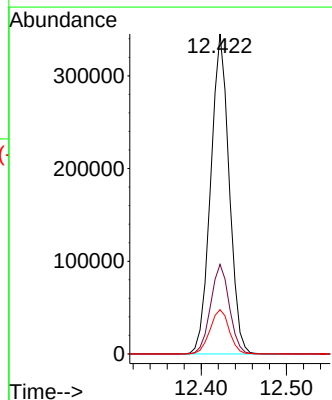
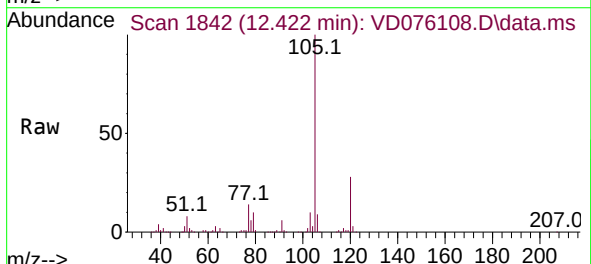
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

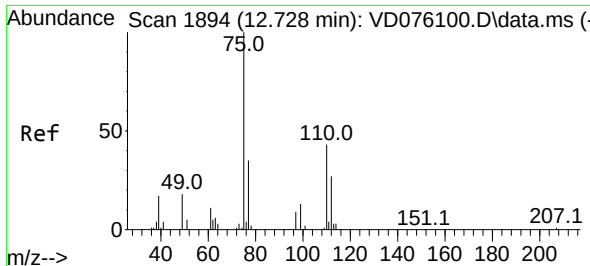
Tgt Ion:173 Resp: 64458
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 9.7 7.4 11.2



#60
Isopropylbenzene
Concen: 24.505 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion:105 Resp: 518514
Ion Ratio Lower Upper
105 100
120 28.4 22.7 34.1
77 14.4 10.9 16.3

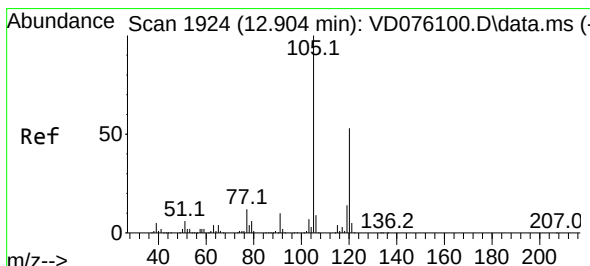
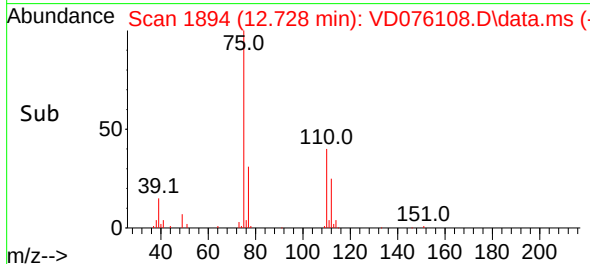
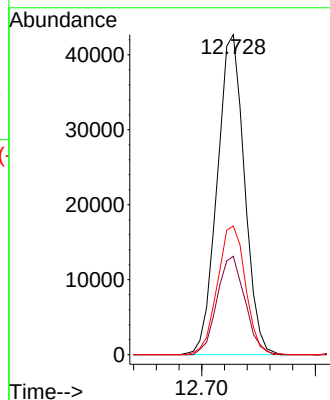
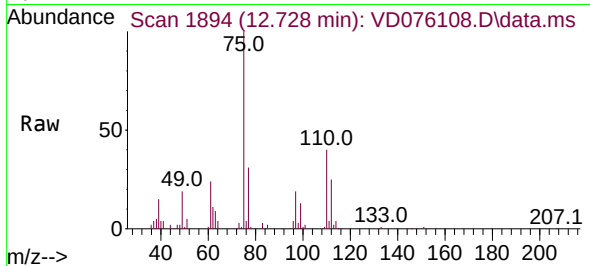




#61
 1,2,3-Trichloropropane
 Concen: 23.712 ug/L
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

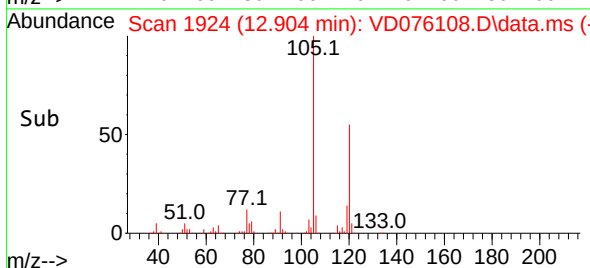
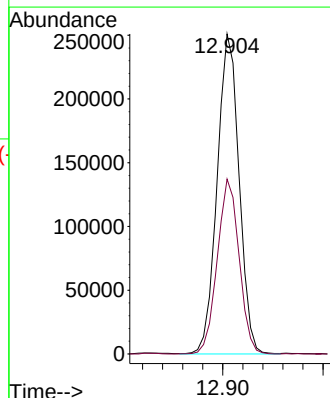
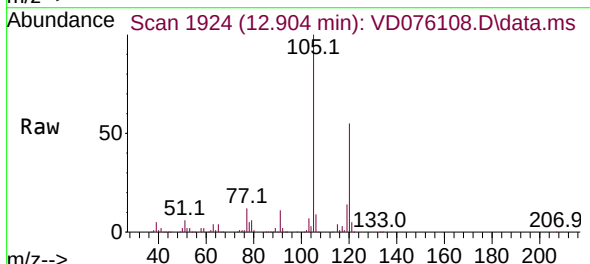
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

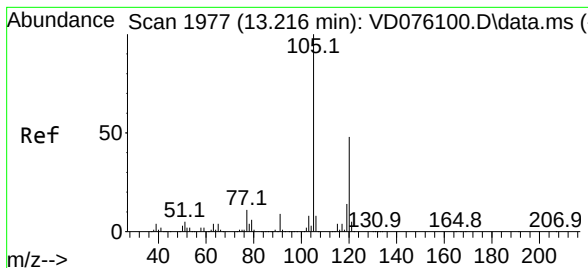
Tgt Ion:	75	Resp:	71076
Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.6	39.8
110	41.4	33.5	50.3



#62
 1,3,5-Trimethylbenzene
 Concen: 23.498 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Tgt Ion:	105	Resp:	381459
Ion	Ratio	Lower	Upper
105	100		
120	54.3	42.0	63.0





#63

1,2,4-Trimethylbenzene

Concen: 24.296 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

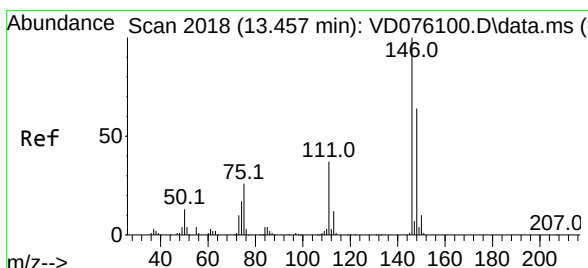
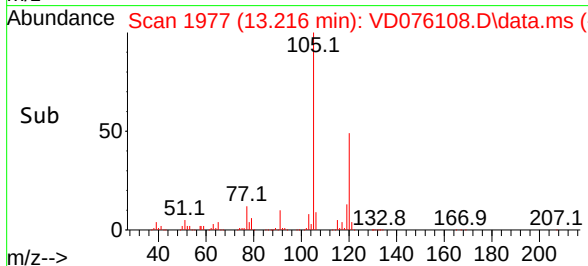
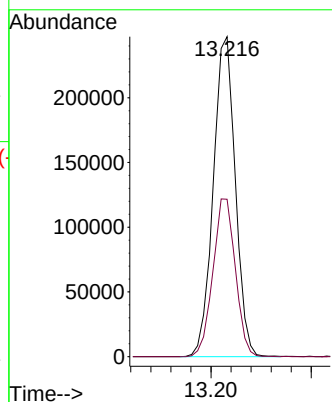
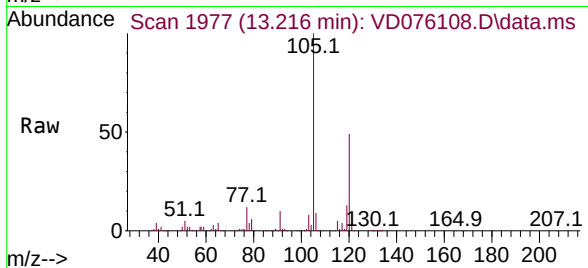
VSTD025157

Tgt Ion:105 Resp: 377210

Ion Ratio Lower Upper

105 100

120 50.3 39.0 58.6



#64

1,3-Dichlorobenzene

Concen: 23.101 ug/L

RT: 13.457 min Scan# 1818

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

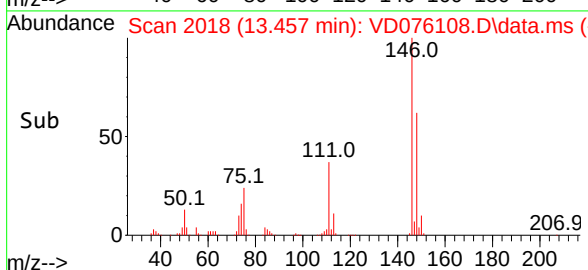
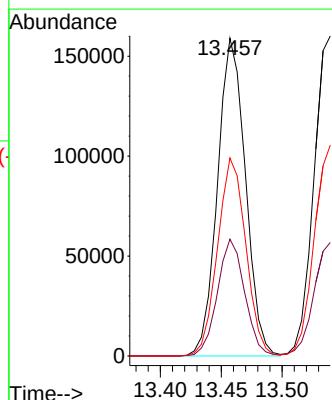
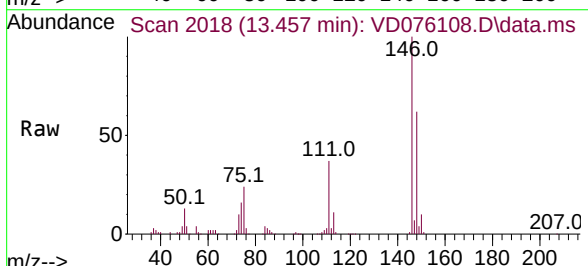
Tgt Ion:146 Resp: 253785

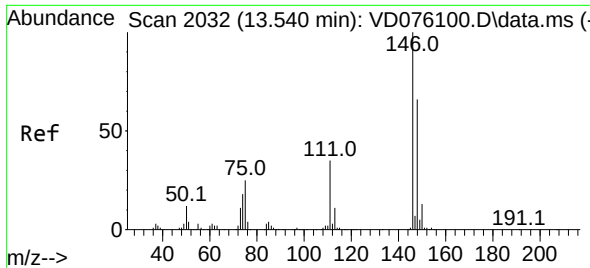
Ion Ratio Lower Upper

146 100

111 36.8 26.5 49.1

148 62.3 43.8 81.3

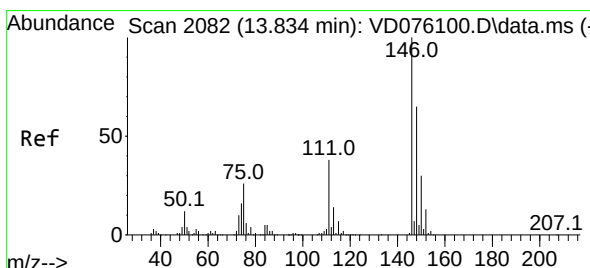
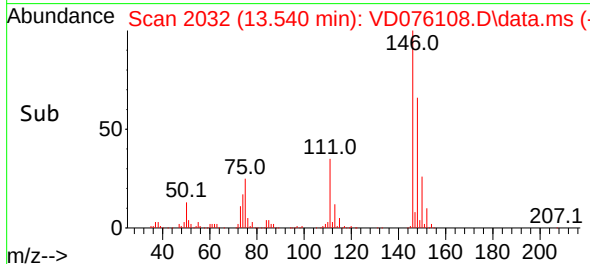
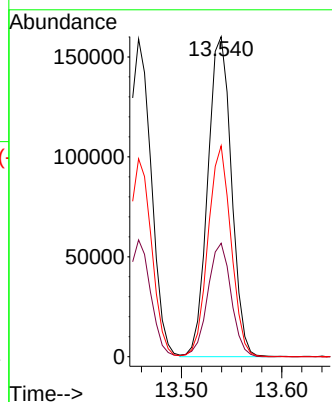
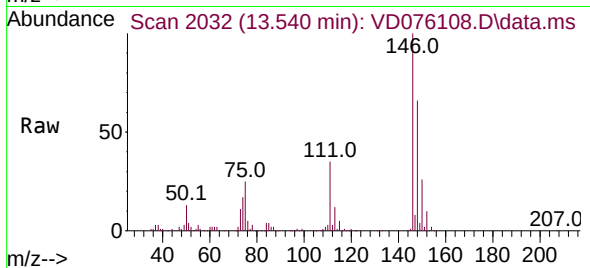




#65
1,4-Dichlorobenzene
Concen: 22.983 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

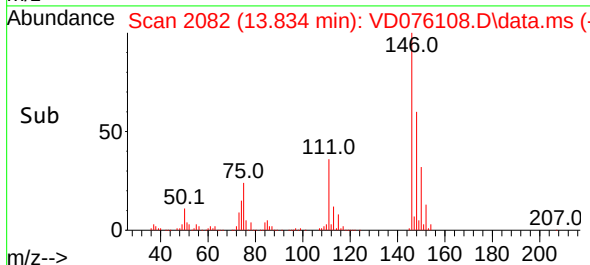
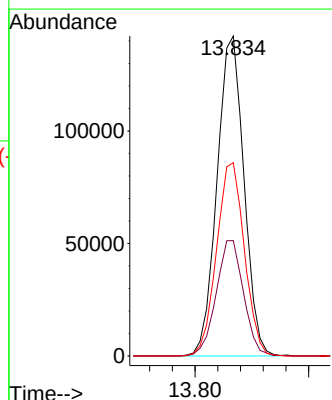
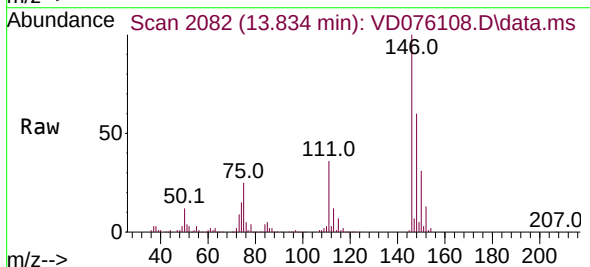
Instrument :
MSVOA_D
ClientSampleId :
VSTD025157

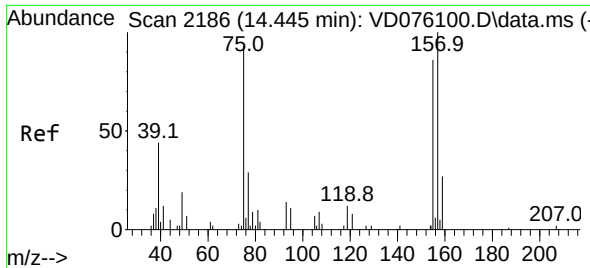
Tgt Ion:146 Resp: 262664
Ion Ratio Lower Upper
146 100
111 35.5 24.6 45.8
148 65.9 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 23.360 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076108.D
Acq: 12 May 2023 15:39

Tgt Ion:146 Resp: 234070
Ion Ratio Lower Upper
146 100
111 36.1 30.6 46.0
148 60.4 51.4 77.0

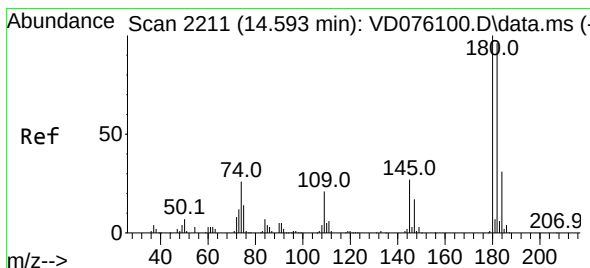
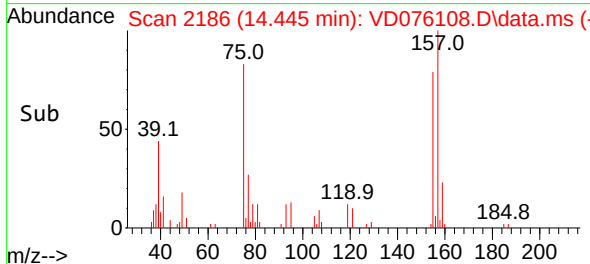
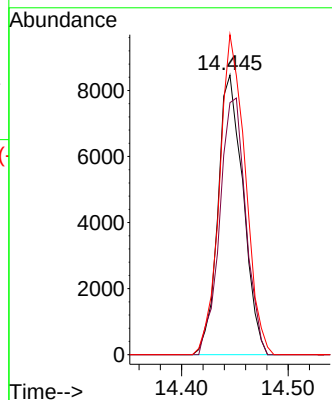
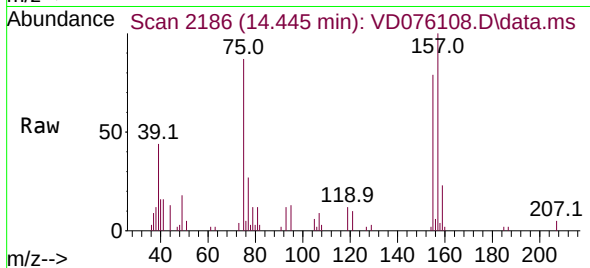




#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.089 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

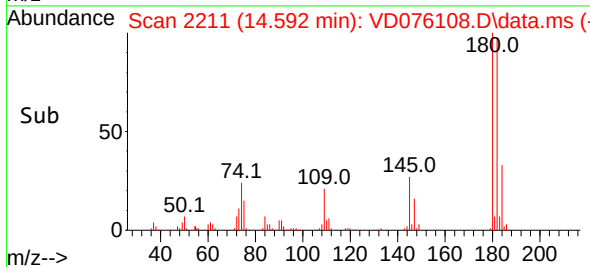
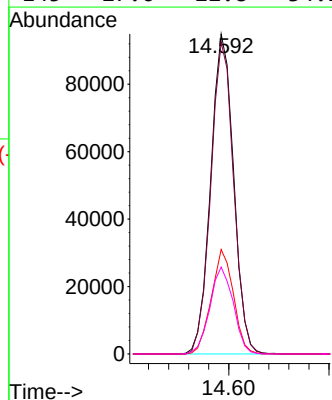
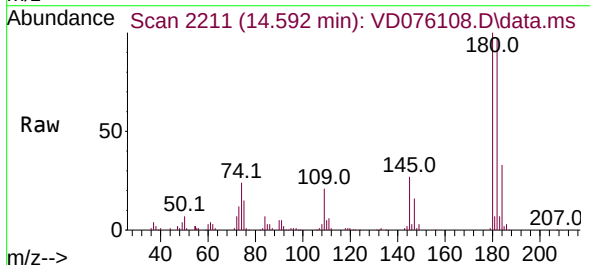
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157

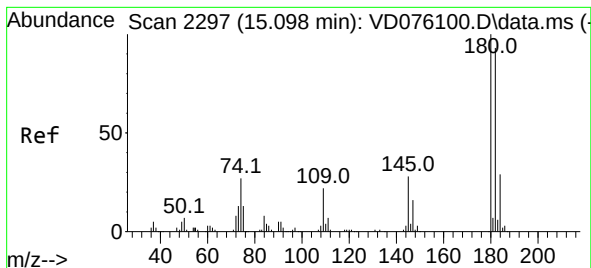
Tgt Ion: 75 Resp: 13884
 Ion Ratio Lower Upper
 75 100
 155 90.1 74.6 111.8
 157 114.4 109.4 164.2



#69
 1,3,5-Trichlorobenzene
 Concen: 21.567 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Tgt Ion:180 Resp: 150552
 Ion Ratio Lower Upper
 180 100
 182 97.1 74.9 112.3
 184 31.5 25.0 37.4
 145 27.6 22.8 34.2





#70

1,2,4-trichlorobenzene

Concen: 21.962 ug/L

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

VSTD025157

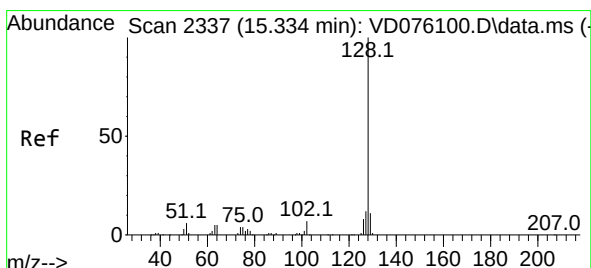
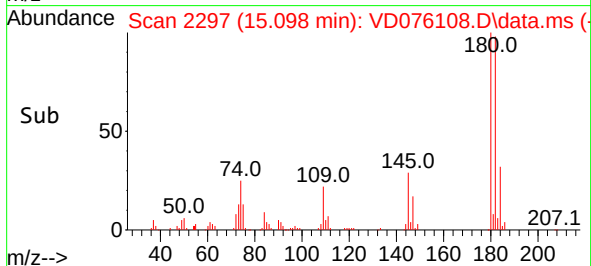
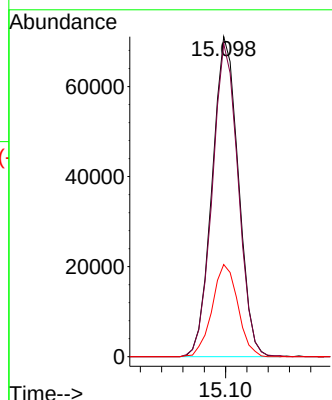
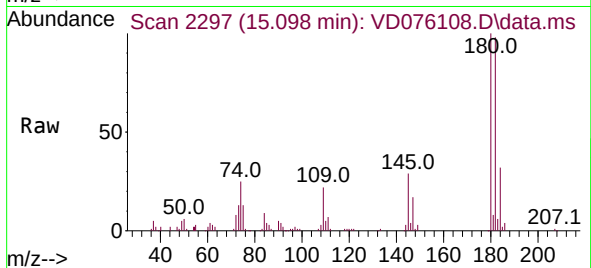
Tgt Ion:180 Resp: 121333

Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.2

145 28.3 23.6 35.4



#71

Naphthalene

Concen: 23.051 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076108.D

Acq: 12 May 2023 15:39

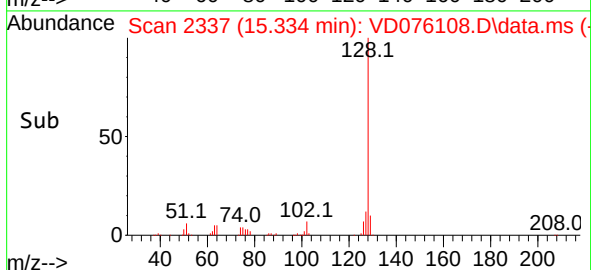
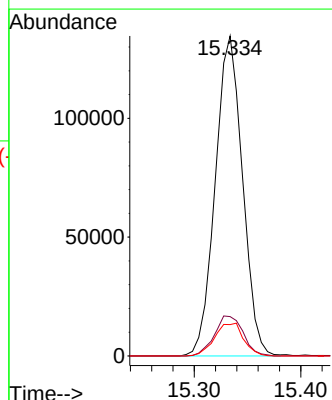
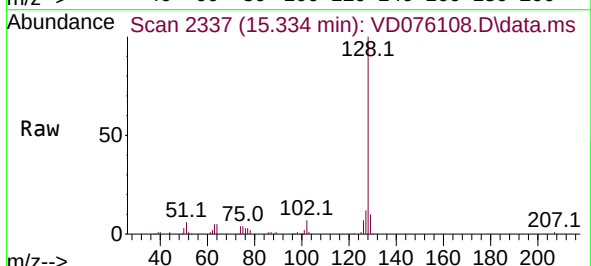
Tgt Ion:128 Resp: 239301

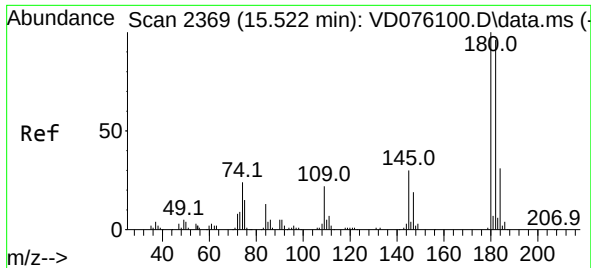
Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

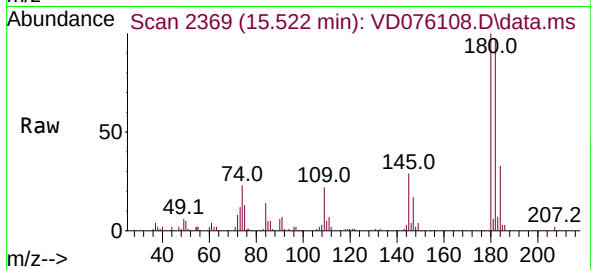
129 10.9 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 23.024 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076108.D
 Acq: 12 May 2023 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025157



Tgt Ion:	180	Resp:	115671
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.3	114.5
145	29.9	25.0	37.6

