

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040323\
 Data File : VD075567.D
 Acq On : 03 Apr 2023 15:21
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025120

Quant Time: Apr 04 01:49:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	375693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	339801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	166527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	235316	26.902	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.600%			
7) Chloroethane-d5	2.805	69	211212	27.135	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.560%			
11) 1,1-Dichloroethene-d2	3.922	63	187032	26.509	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 106.040%			
21) 2-Butanone-d5	6.987	46	34084	59.835	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.660%			
24) Chloroform-d	7.569	84	230014	25.968	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.880%			
26) 1,2-Dichloroethane-d4	8.228	65	98131	25.000	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	8.204	84	484345	24.381	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.520%			
36) 1,2-Dichloropropane-d6	9.210	67	130775	24.702	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.800%			
41) Toluene-d8	10.269	98	465114	24.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.880%			
43) trans-1,3-Dichloroprop...	10.528	79	55316	25.064	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.240%			
47) 2-Hexanone-d5	10.881	63	31516	50.306	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.620%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107835	27.189	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	140069	24.520	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	78809	22.383	ug/L	97
3) Chloromethane	2.146	50	109572	23.781	ug/L	96
5) Vinyl chloride	2.287	62	174127	24.249	ug/L	99
6) Bromomethane	2.693	94	116359	23.749	ug/L	100
8) Chloroethane	2.840	64	125049	24.997	ug/L	99
9) Trichlorofluoromethane	3.175	101	184250	29.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	108058	24.913	ug/L	98
12) 1,1-Dichloroethene	3.940	96	86978	24.274	ug/L	94
13) Acetone	4.016	43	32945	55.145	ug/L	97
14) Carbon disulfide	4.275	76	195248	22.776	ug/L	98
15) Methyl Acetate	4.563	43	28739	28.706	ug/L #	82
16) Methylene chloride	4.799	84	119113	23.065	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	96812	25.450	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	205261	28.379	ug/L	100
19) 1,1-Dichloroethane	6.110	63	168209	25.796	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	120131	26.894	ug/L	99
22) 2-Butanone	7.081	43	39896	56.062	ug/L	96
23) Bromochloromethane	7.422	128	54635	25.941	ug/L	99
25) Chloroform	7.593	83	202570	25.936	ug/L	99

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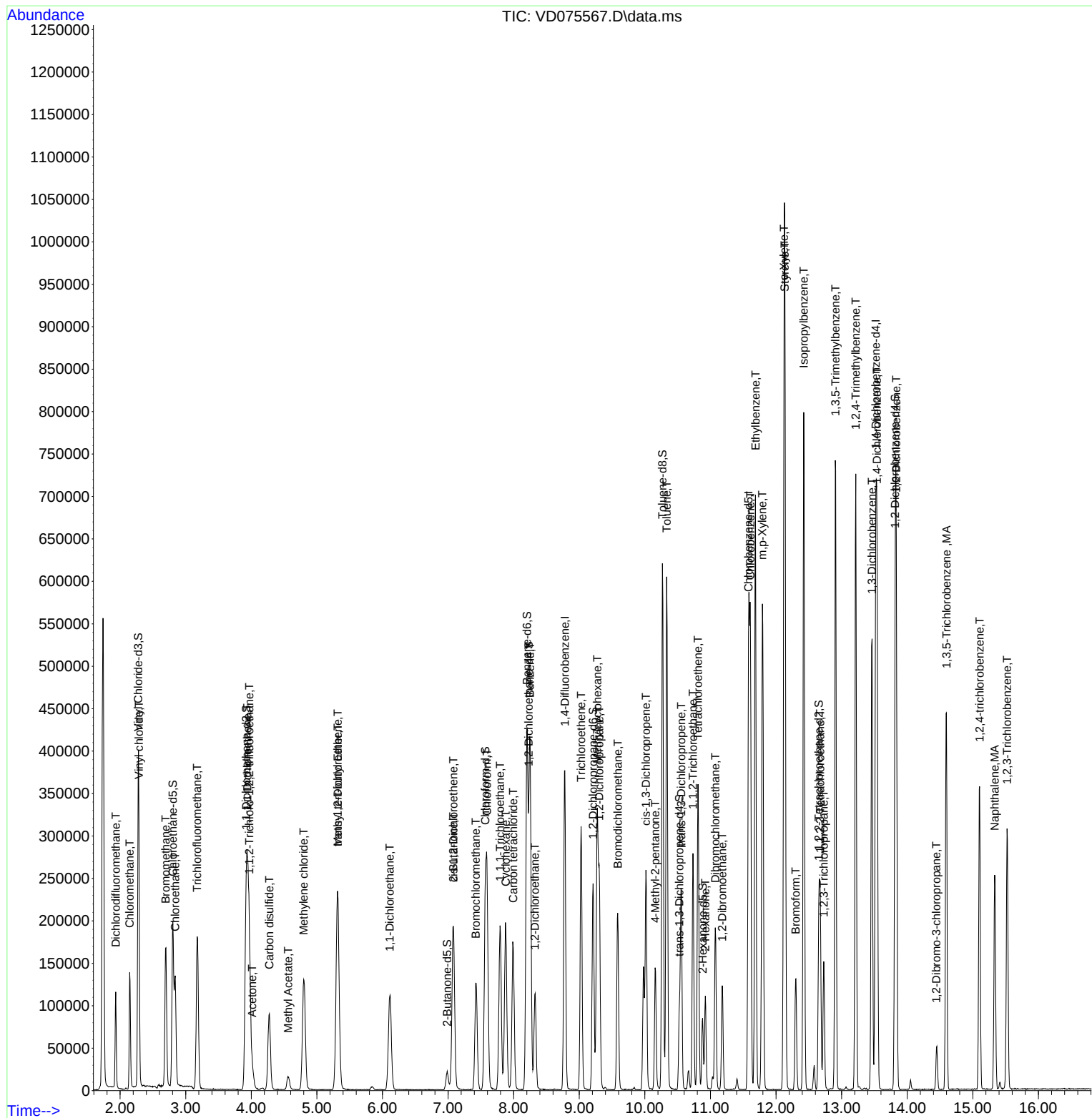
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104096	25.785	ug/L	98
29) Cyclohexane	7.881	56	102165	24.637	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	163696	24.454	ug/L	99
31) Carbon tetrachloride	7.993	117	135362	25.049	ug/L	100
33) Benzene	8.251	78	417828	23.896	ug/L	100
34) Trichloroethene	9.028	95	110816	22.622	ug/L	98
35) Methylcyclohexane	9.275	83	151038	23.572	ug/L	100
37) 1,2-Dichloropropane	9.304	63	102229	24.851	ug/L	98
38) Bromodichloromethane	9.587	83	150346	25.661	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	168165	25.782	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	84643	54.895	ug/L	99
42) Toluene	10.334	91	484780	24.954	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	141141	25.451	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	95041	25.176	ug/L	97
46) Tetrachloroethene	10.810	164	87481	22.802	ug/L	95
48) 2-Hexanone	10.922	43	59914	57.656	ug/L	98
49) Dibromochloromethane	11.075	129	106622	26.087	ug/L	96
50) 1,2-Dibromoethane	11.181	107	83340	25.197	ug/L	96
51) Chlorobenzene	11.610	112	317650	24.278	ug/L	98
52) Ethylbenzene	11.687	91	519106	25.410	ug/L	97
53) m,p-Xylene	11.792	106	203321	25.381	ug/L	92
54) o-Xylene	12.122	106	199261	26.123	ug/L	95
55) Styrene	12.134	104	366543	26.968	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	105434	27.063	ug/L	95
59) Bromoform	12.298	173	63261	24.564	ug/L	99
60) Isopropylbenzene	12.422	105	537448	24.443	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63742	24.183	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	405216	24.433	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	401163	25.295	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	243986	24.506	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	248714	23.950	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	221547	24.569	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	12828	24.168	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	150694	24.543	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	120317	24.206	ug/L	98
71) Naphthalene	15.333	128	235535	25.629	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	110657	24.853	ug/L	100

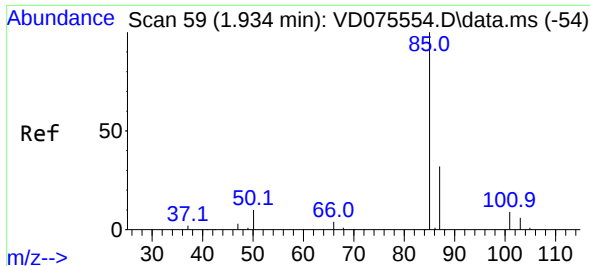
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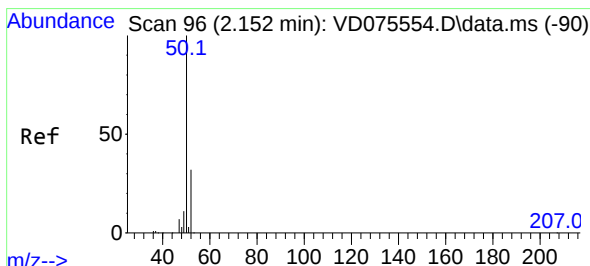
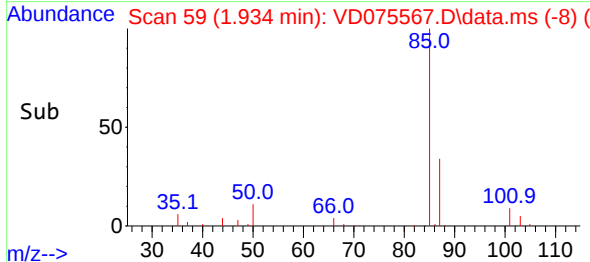
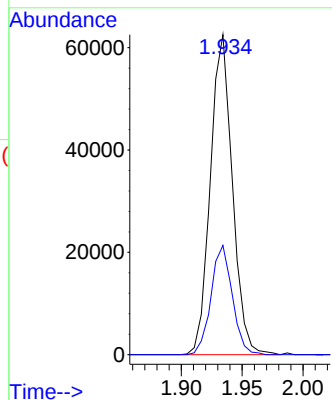
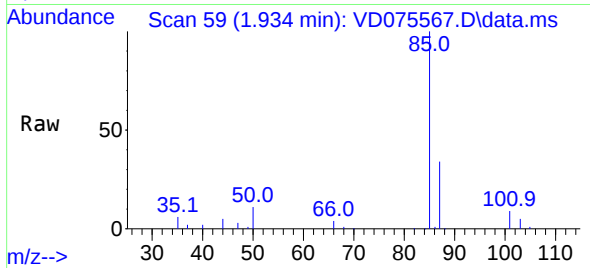




#2
Dichlorodifluoromethane
Concen: 22.383 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

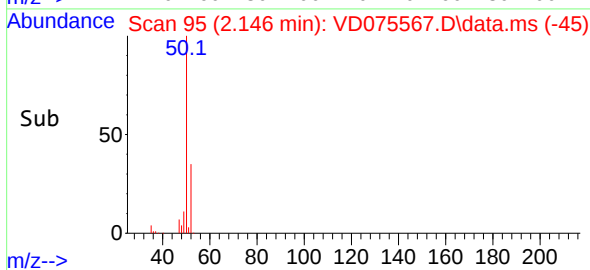
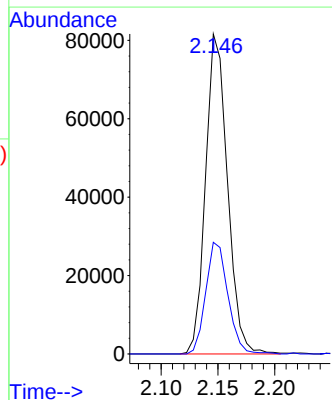
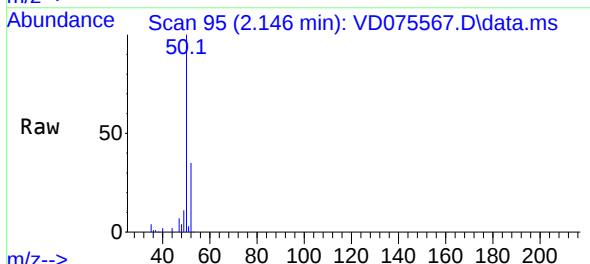
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MSVOA_D
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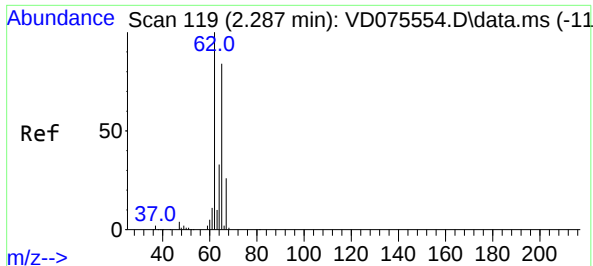
Tgt Ion: 85 Resp: 78809
Ion Ratio Lower Upper
85 100
87 32.9 25.0 37.4



#3
Chloromethane
Concen: 23.781 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 50 Resp: 109572
Ion Ratio Lower Upper
50 100
52 34.9 22.7 42.1

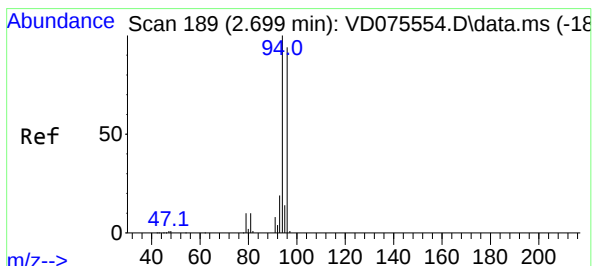
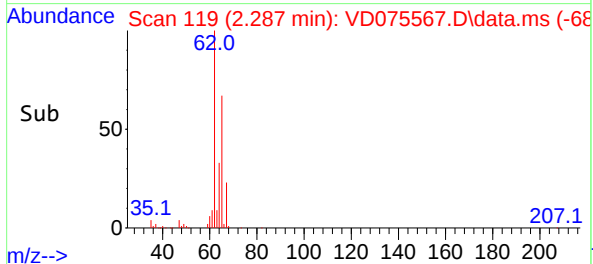
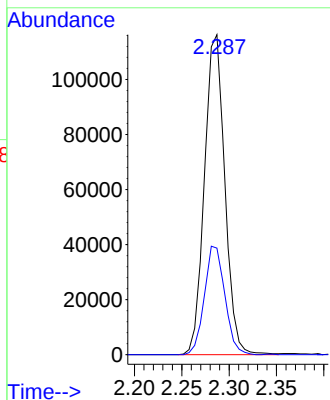
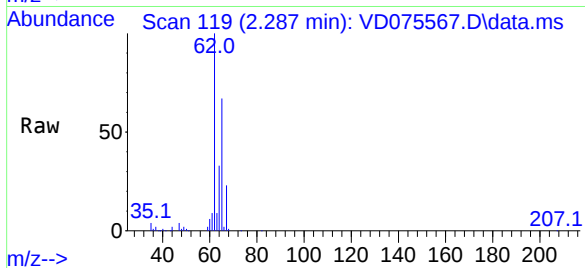




#5
 Vinyl chloride
 Concen: 24.249 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075567.D
 Acq: 03 Apr 2023 15:21

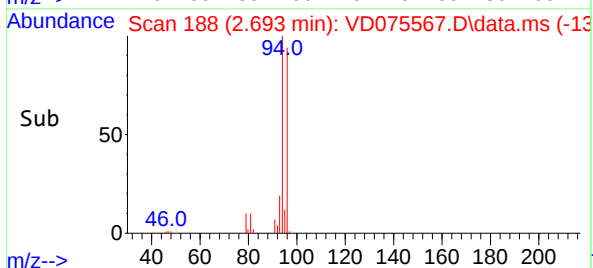
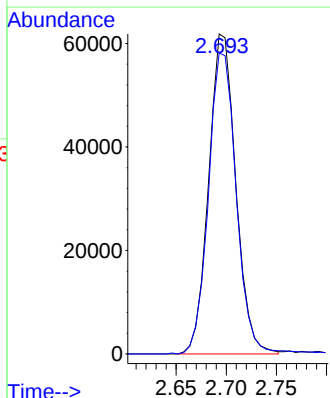
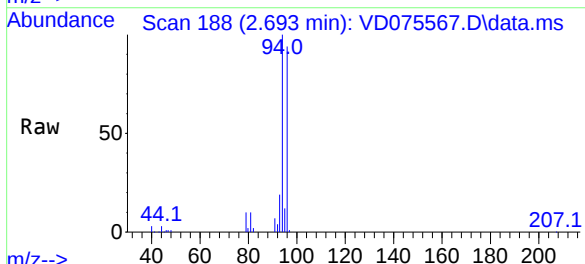
Instrument :
 MSVOA_D
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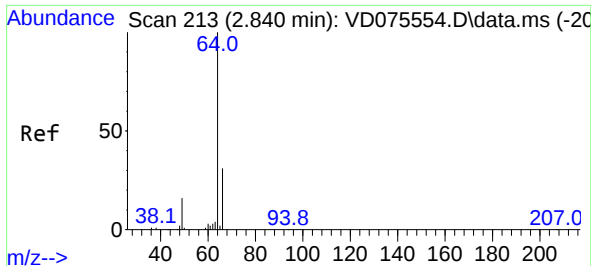
Tgt Ion: 62 Resp: 174127
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 23.749 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075567.D
 Acq: 03 Apr 2023 15:21

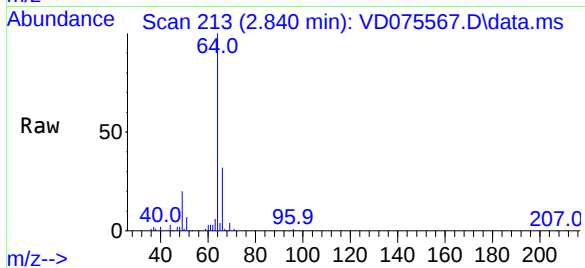
Tgt Ion: 94 Resp: 116359
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.1 122.7



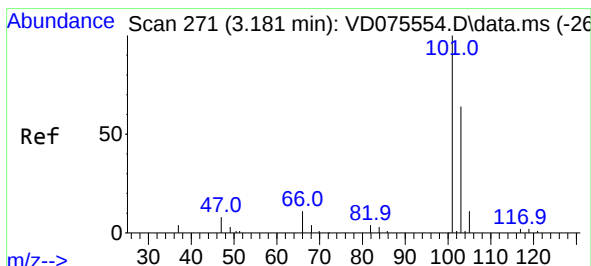
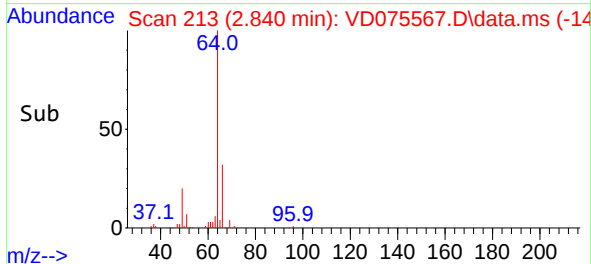
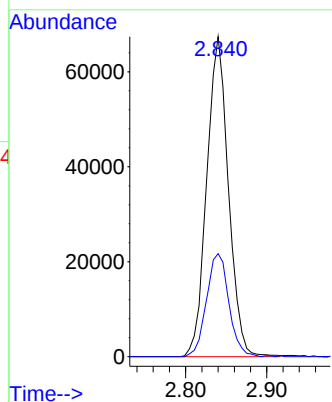


#8
Chloroethane
Concen: 24.997 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
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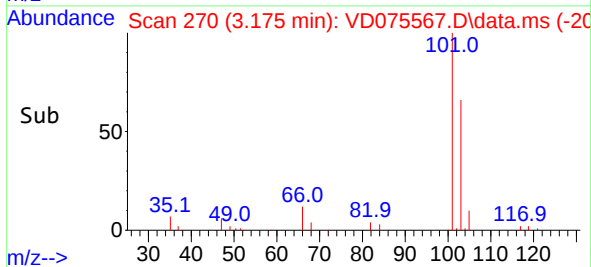
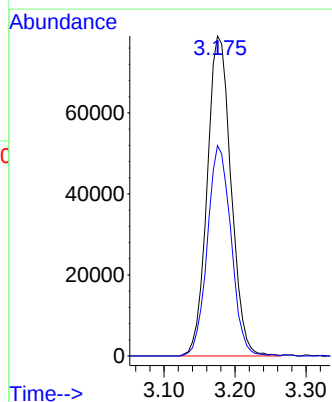
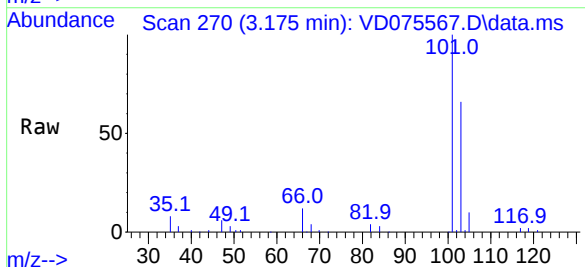


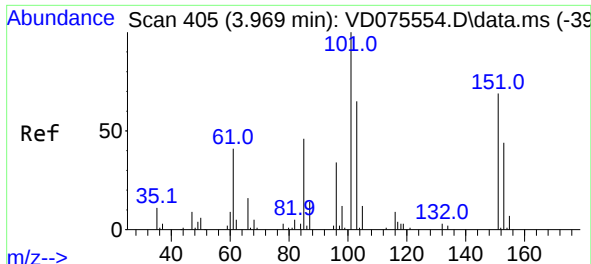
Tgt Ion: 64 Resp: 125049
Ion Ratio Lower Upper
64 100
66 32.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 29.510 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 101 Resp: 184250
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

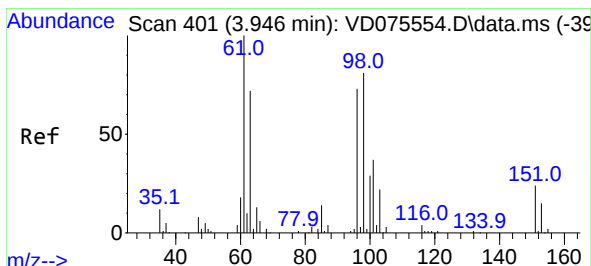
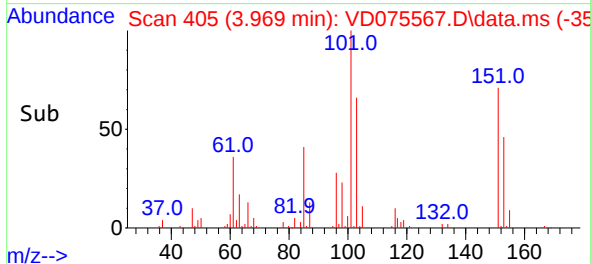
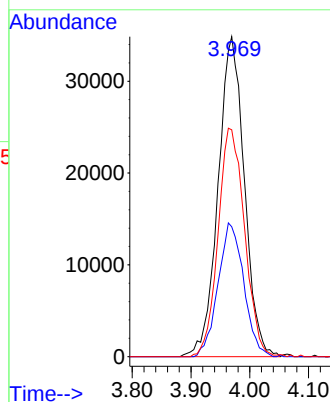
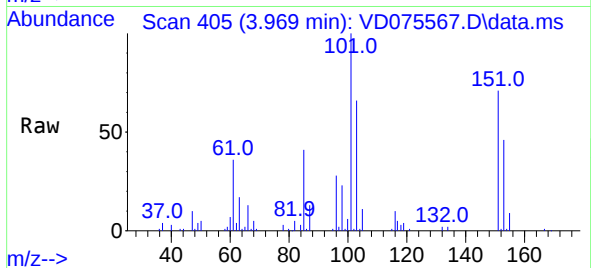




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.913 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075567.D
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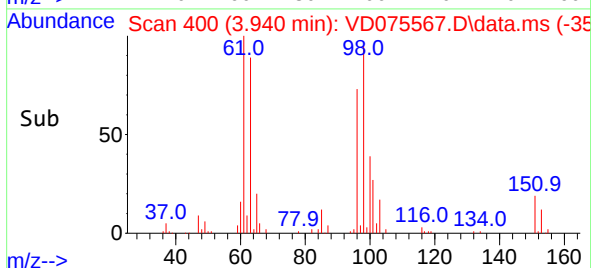
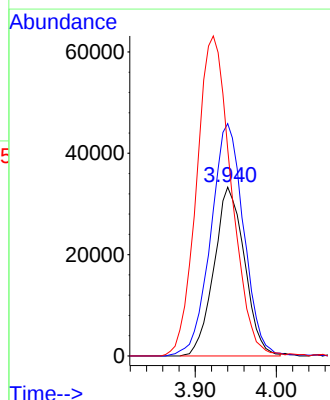
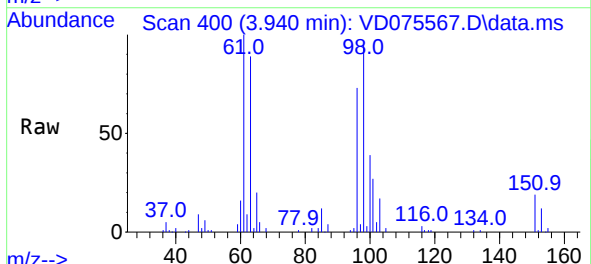
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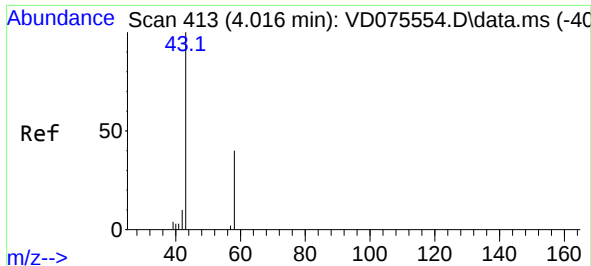
Tgt Ion:101 Resp: 108058
 Ion Ratio Lower Upper
 101 100
 85 40.9 33.4 50.0
 151 72.0 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 24.274 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075567.D
 Acq: 03 Apr 2023 15:21

Tgt Ion: 96 Resp: 86978
 Ion Ratio Lower Upper
 96 100
 61 137.6 96.7 179.7
 63 122.6 76.0 141.2

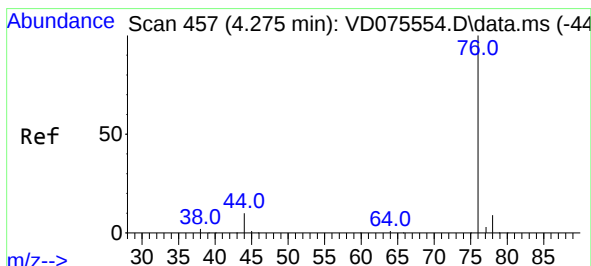
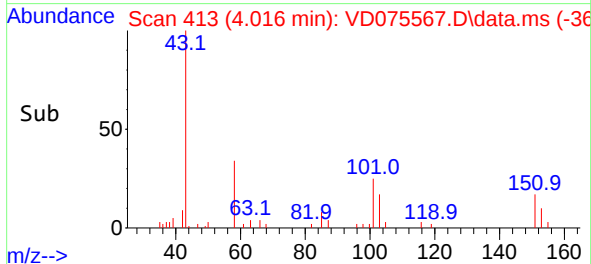
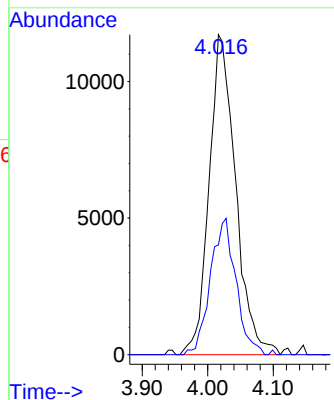
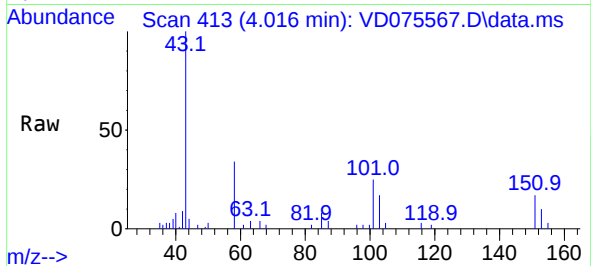




#13
Acetone
Concen: 55.145 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD075567.D
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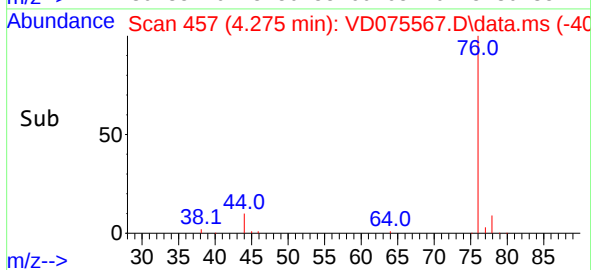
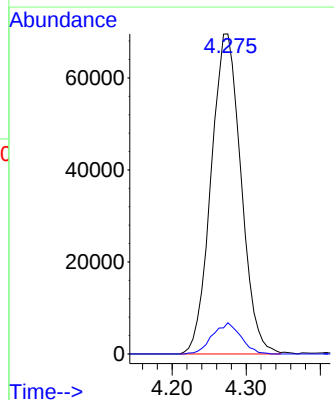
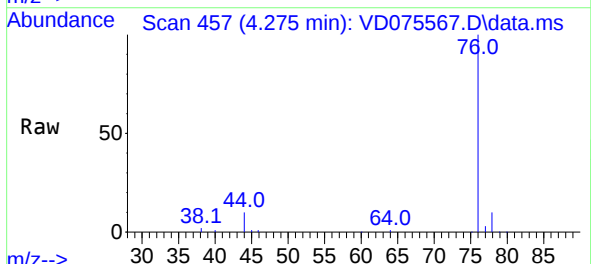
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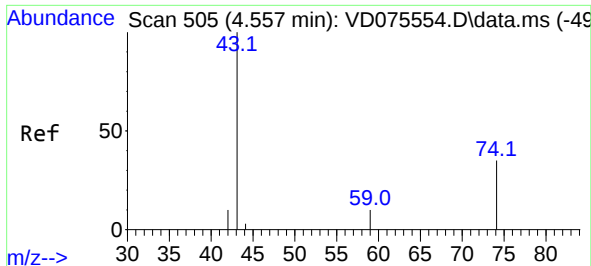
Tgt Ion: 43 Resp: 32945
Ion Ratio Lower Upper
43 100
58 40.5 0.0 77.4



#14
Carbon disulfide
Concen: 22.776 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 195248
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

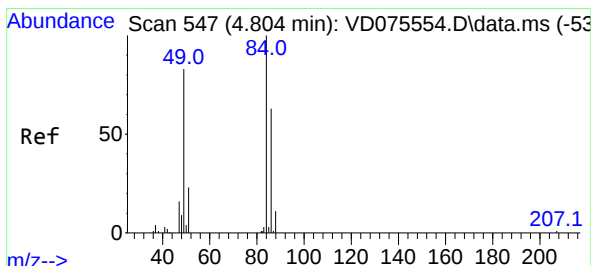
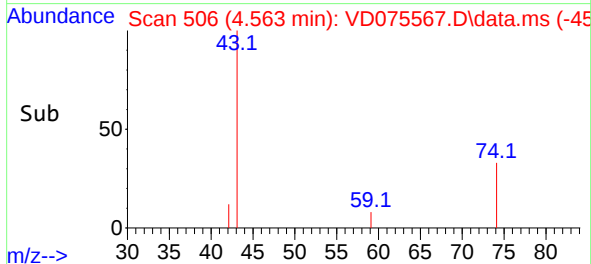
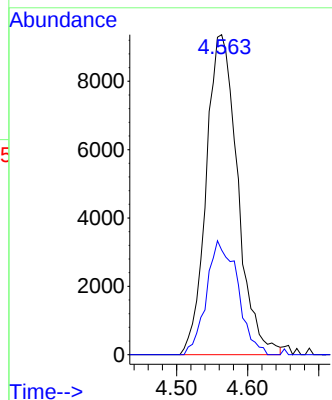
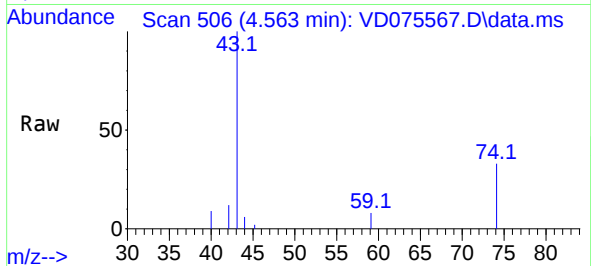




#15
Methyl Acetate
Concen: 28.706 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

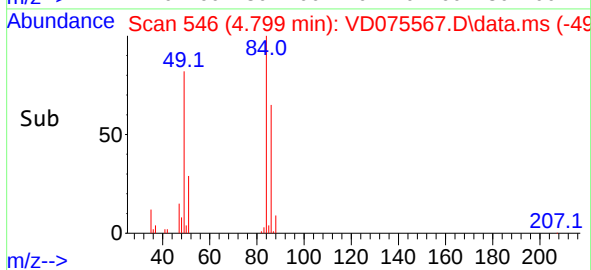
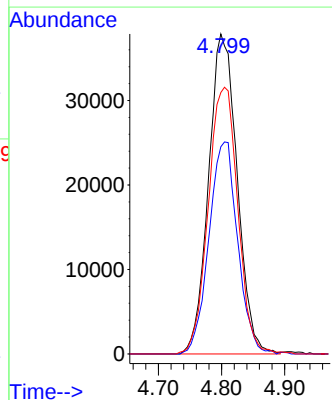
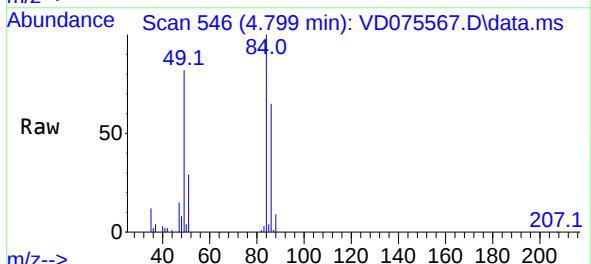
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

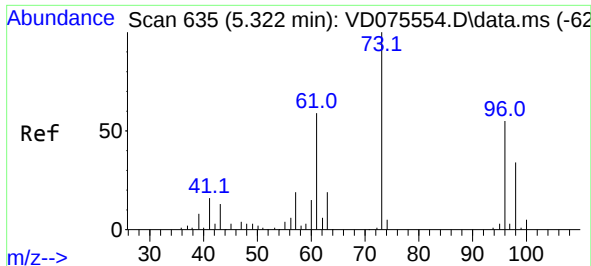
Tgt Ion: 43 Resp: 28739
Ion Ratio Lower Upper
43 100
74 25.6 29.0 43.4#



#16
Methylene chloride
Concen: 23.065 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

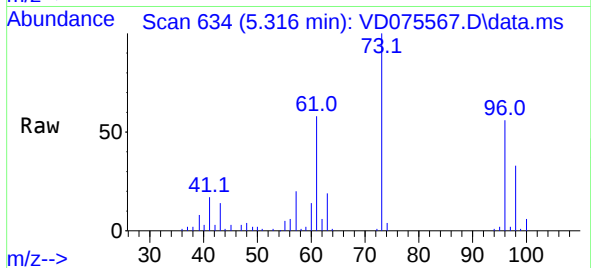
Tgt Ion: 84 Resp: 119113
Ion Ratio Lower Upper
84 100
86 64.8 44.4 82.4
49 81.7 58.5 108.7



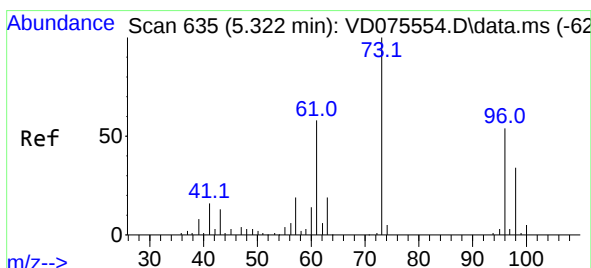
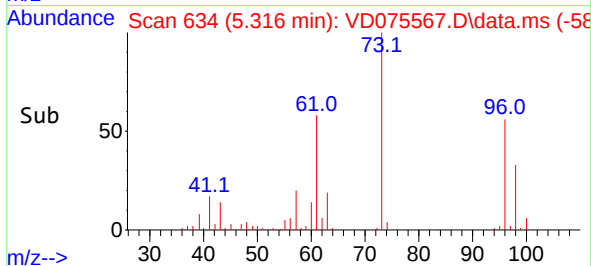
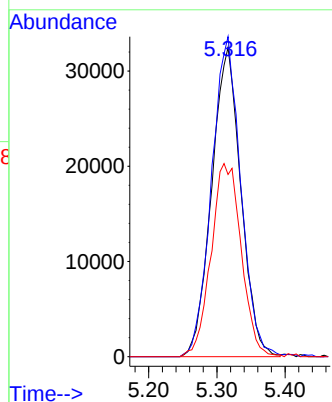


#17
trans-1,2-Dichloroethene
Concen: 25.450 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

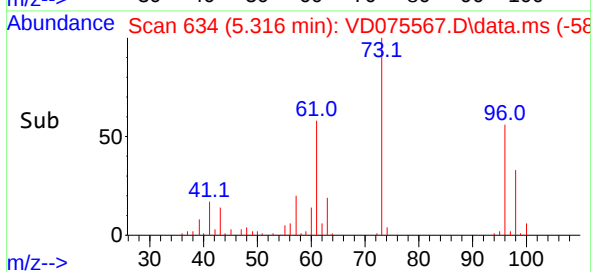
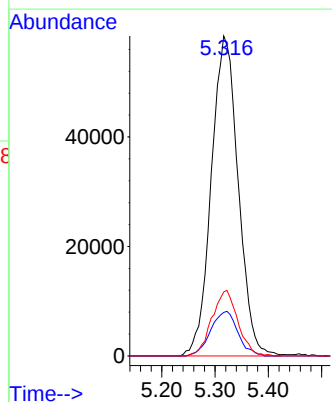
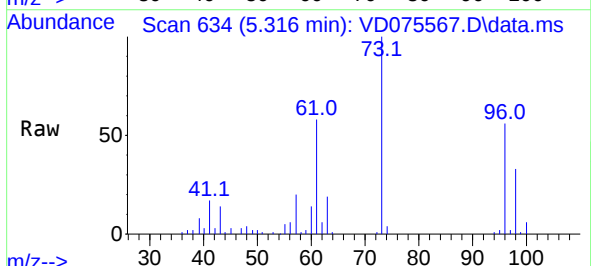


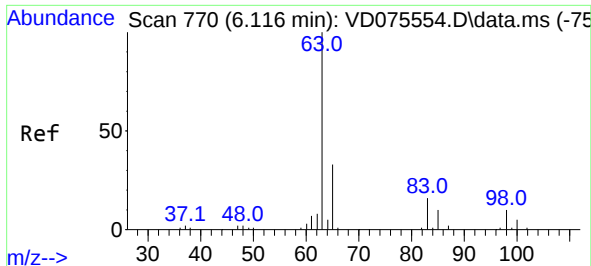
Tgt Ion: 96 Resp: 96812
Ion Ratio Lower Upper
96 100
61 103.4 75.4 140.0
98 58.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 28.379 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 73 Resp: 205261
Ion Ratio Lower Upper
73 100
43 14.1 11.4 17.0
57 19.7 15.8 23.6





#19

1,1-Dichloroethane

Concen: 25.796 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075567.D

Acq: 03 Apr 2023 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTD025120

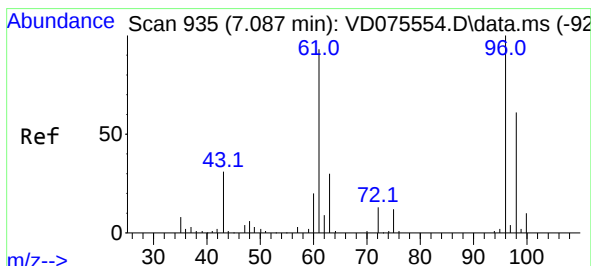
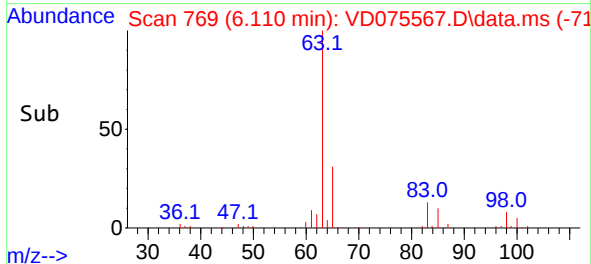
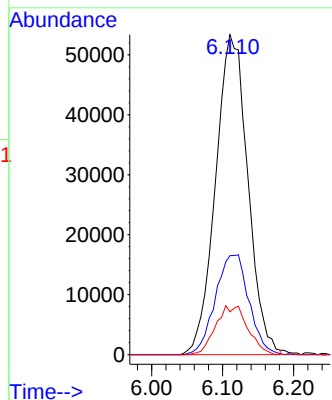
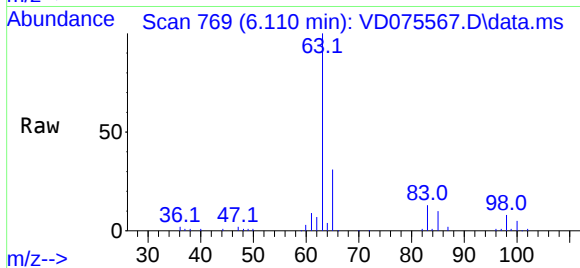
Tgt Ion: 63 Resp: 168209

Ion Ratio Lower Upper

63 100

65 30.9 23.1 42.9

83 13.4 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 26.894 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD075567.D

Acq: 03 Apr 2023 15:21

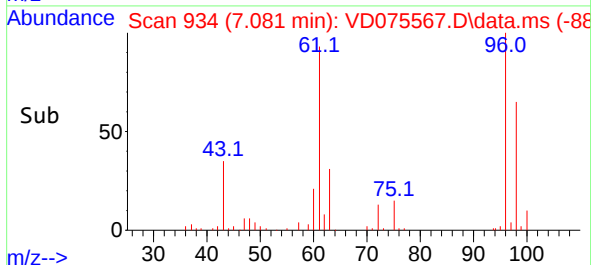
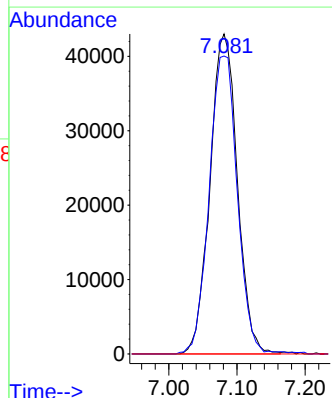
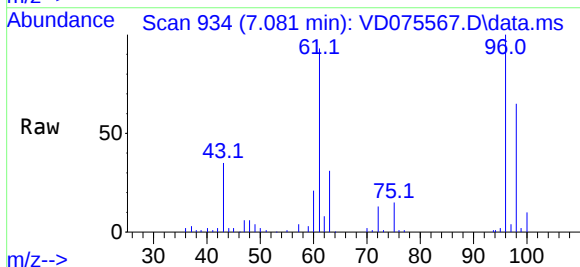
Tgt Ion: 96 Resp: 120131

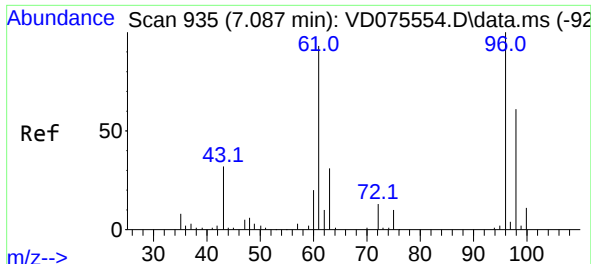
Ion Ratio Lower Upper

96 100

61 93.1 64.8 120.4

68 0.0 0.0 0.0

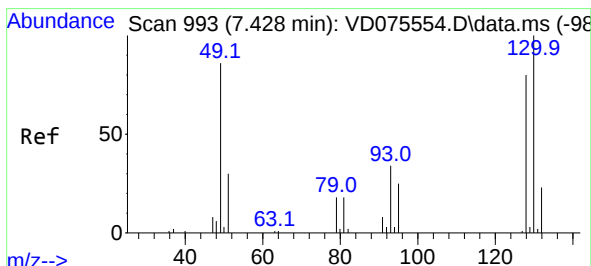
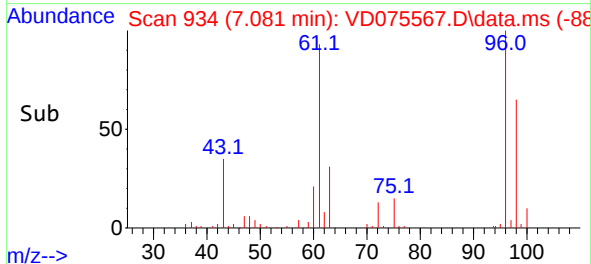
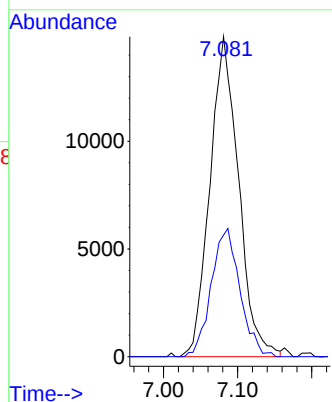
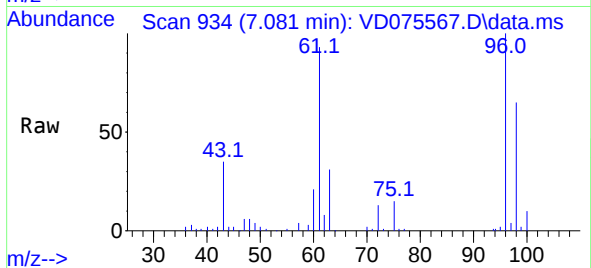




#22
2-Butanone
Concen: 56.062 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

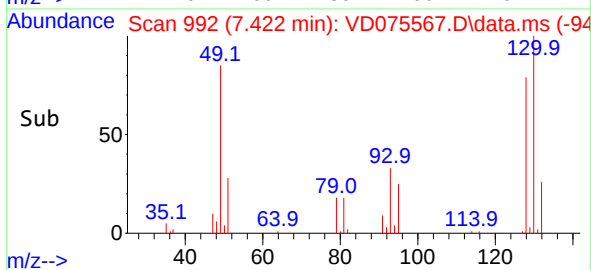
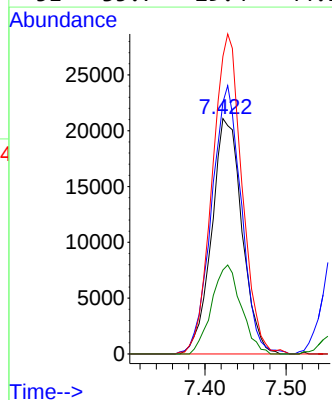
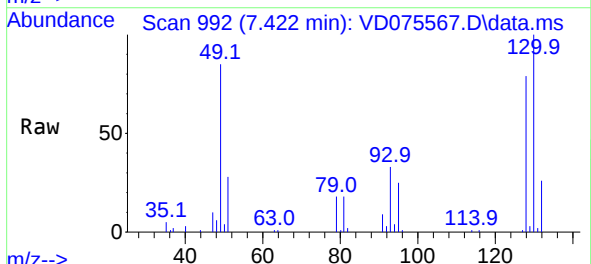
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

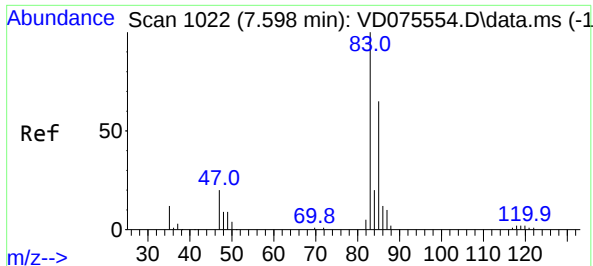
Tgt Ion: 43 Resp: 39896
Ion Ratio Lower Upper
43 100
72 39.7 21.3 63.9



#23
Bromochloromethane
Concen: 25.941 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:128 Resp: 54635
Ion Ratio Lower Upper
128 100
49 106.9 75.0 139.4
130 126.4 87.4 162.2
51 35.7 29.4 44.2





#25

Chloroform

Concen: 25.936 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD075567.D

Acq: 03 Apr 2023 15:21

Instrument :

MSVOA_D

ClientSampleId :

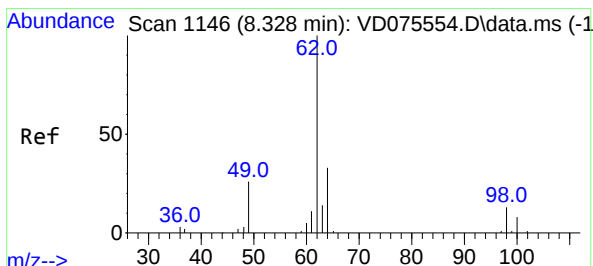
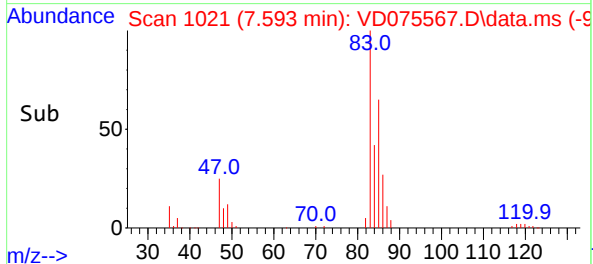
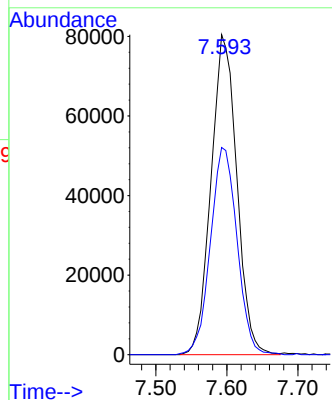
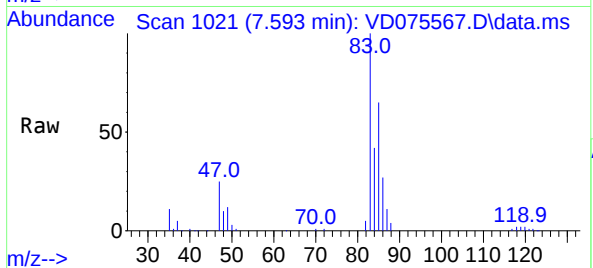
VSTD025120

Tgt Ion: 83 Resp: 202570

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.0



#27

1,2-Dichloroethane

Concen: 25.785 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075567.D

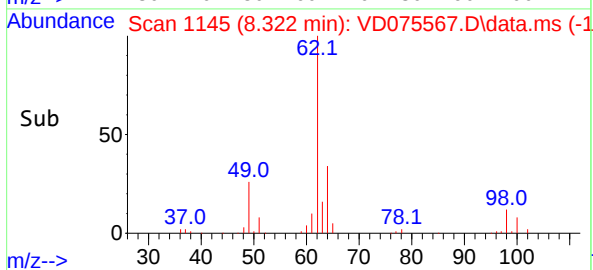
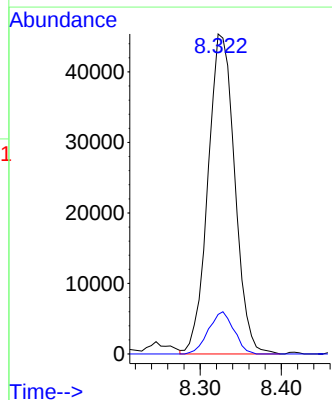
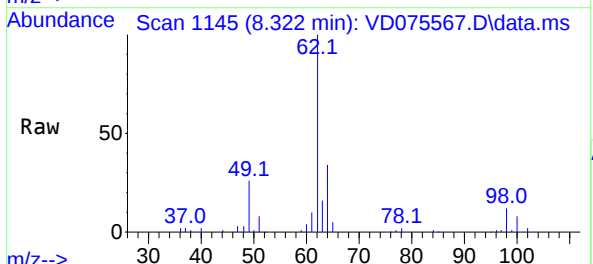
Acq: 03 Apr 2023 15:21

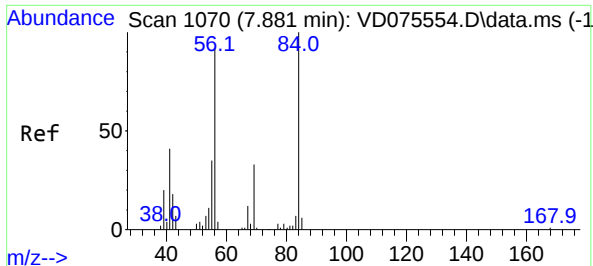
Tgt Ion: 62 Resp: 104096

Ion Ratio Lower Upper

62 100

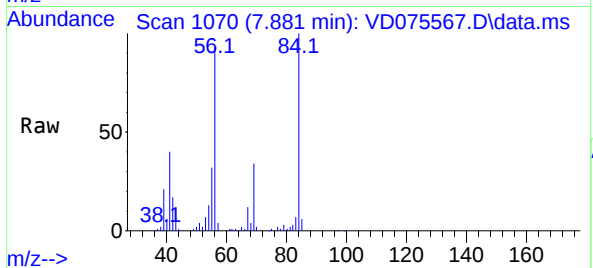
98 12.3 10.5 15.7





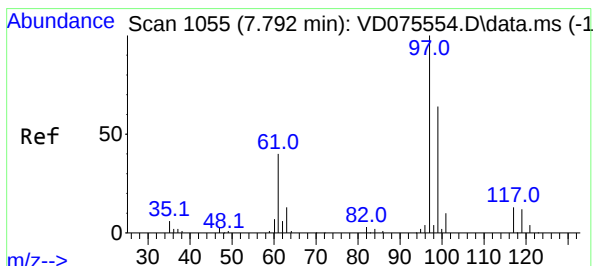
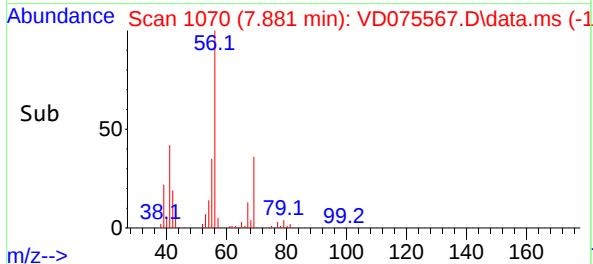
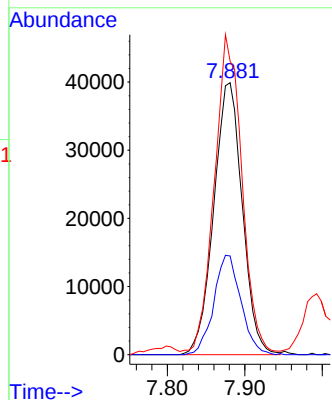
#29
Cyclohexane
Concen: 24.637 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTD025120



Tgt Ion: 56 Resp: 102165

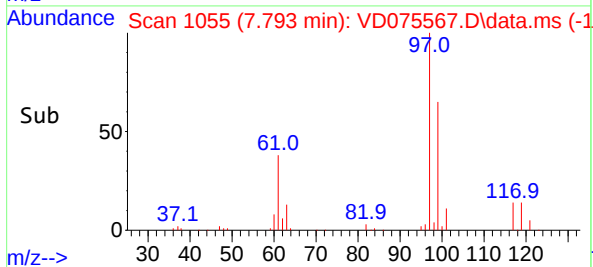
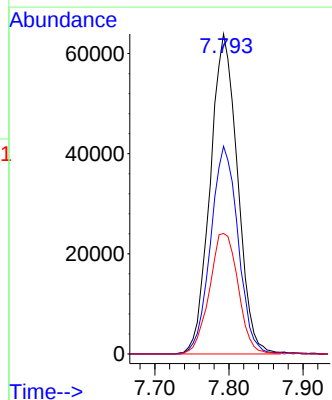
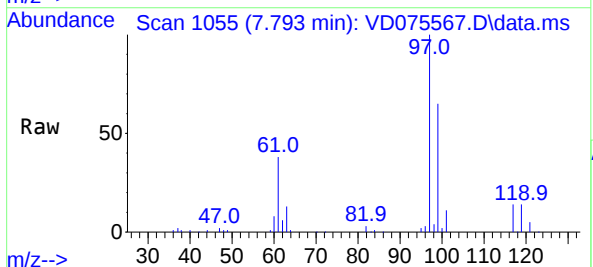
Ion	Ratio	Lower	Upper
56	100		
69	34.7	28.3	42.5
84	114.2	91.1	136.7

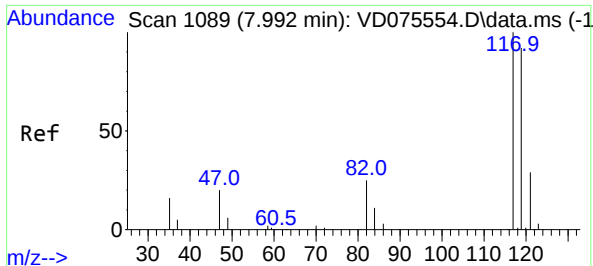


#30
1,1,1-Trichloroethane
Concen: 24.454 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 97 Resp: 163696

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	39.6	32.2	48.2

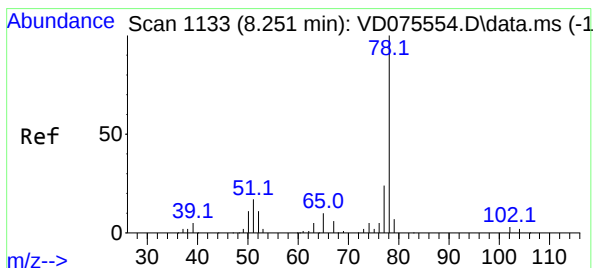
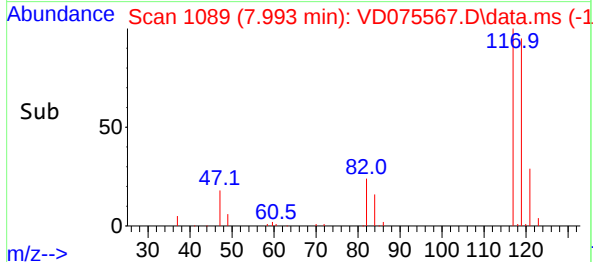
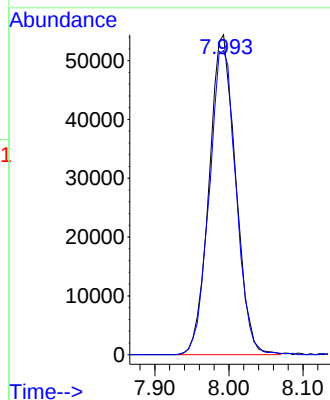
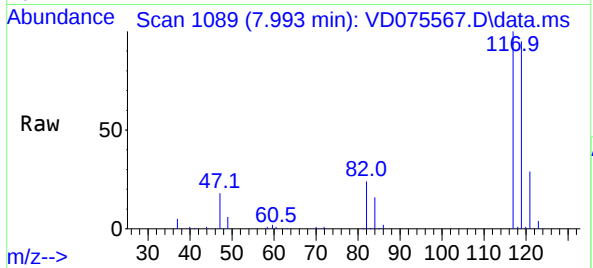




#31
Carbon tetrachloride
Concen: 25.049 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

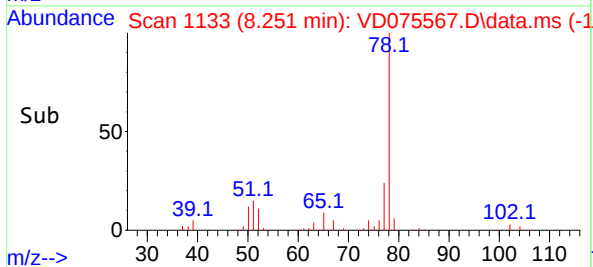
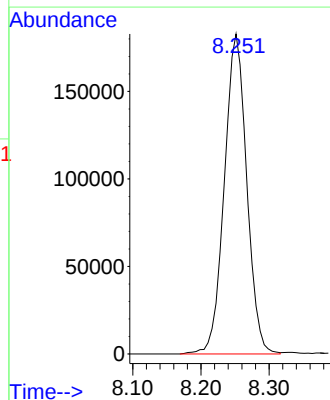
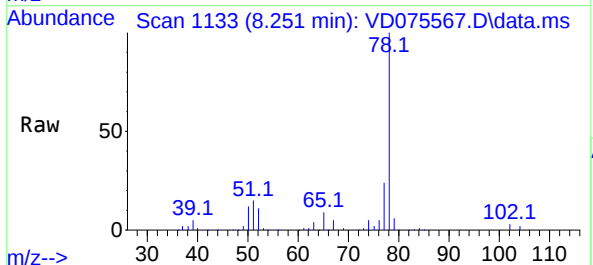
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

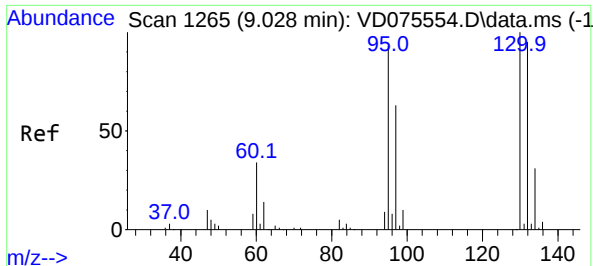
Tgt Ion:117 Resp: 135362
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6



#33
Benzene
Concen: 23.896 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

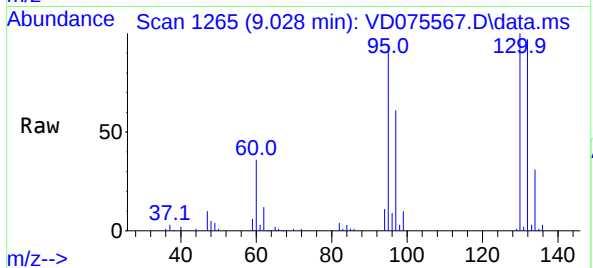
Tgt Ion: 78 Resp: 417828





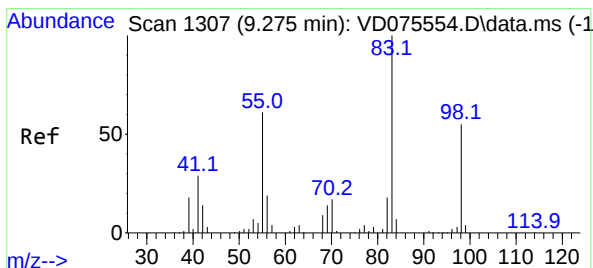
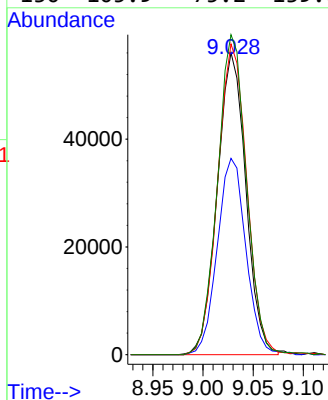
#34
Trichloroethene
Concen: 22.622 ug/L
RT: 9.028 min Scan# 110816
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

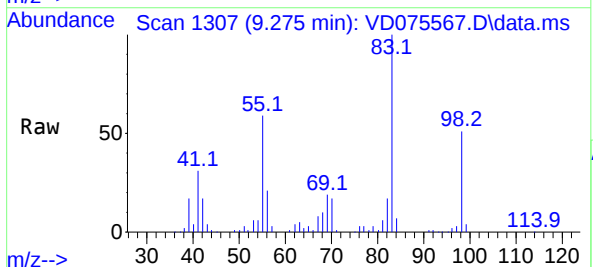


Tgt Ion: 95 Resp: 110816

Ion	Ratio	Lower	Upper
95	100		
97	65.0	47.0	87.2
132	102.8	71.2	132.2
130	105.9	75.2	139.6

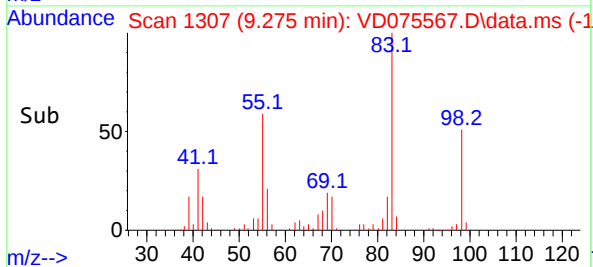
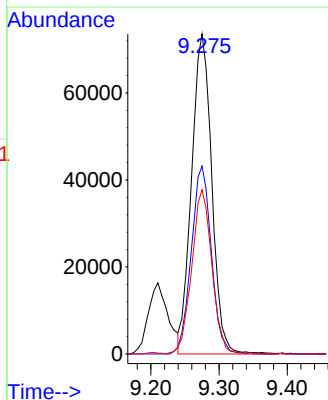


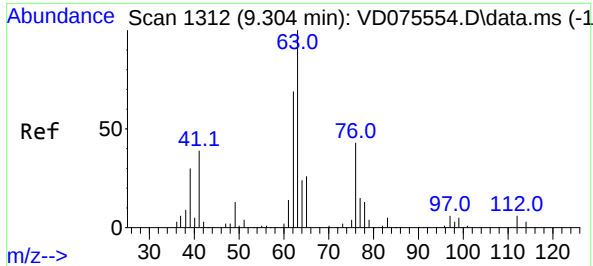
#35
Methylcyclohexane
Concen: 23.572 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21



Tgt Ion: 83 Resp: 151038

Ion	Ratio	Lower	Upper
83	100		
55	58.2	46.9	70.3
98	51.1	40.8	61.2

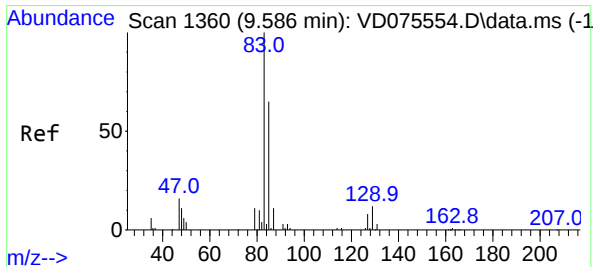
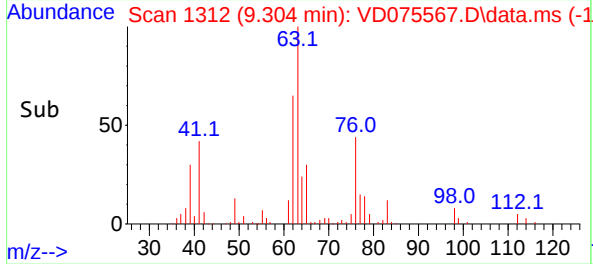
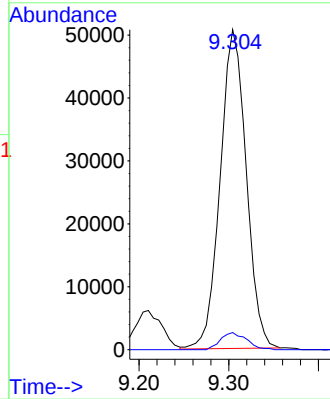
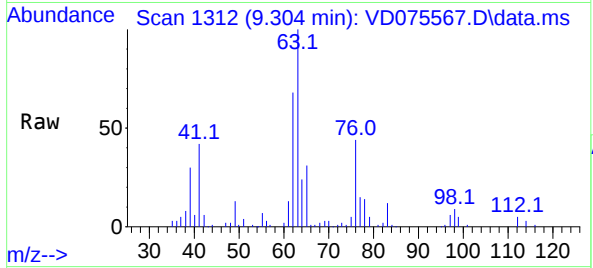




#37
1,2-Dichloropropane
Concen: 24.851 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

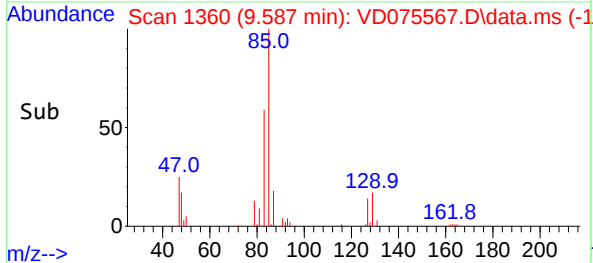
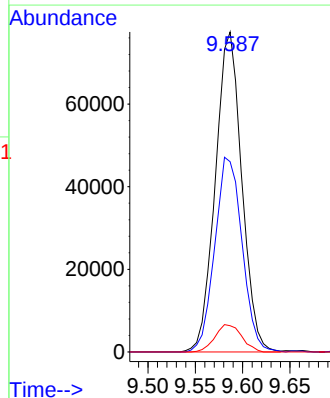
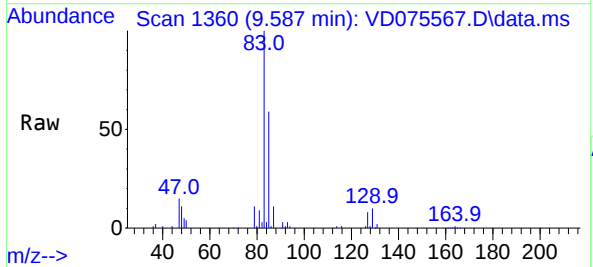
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

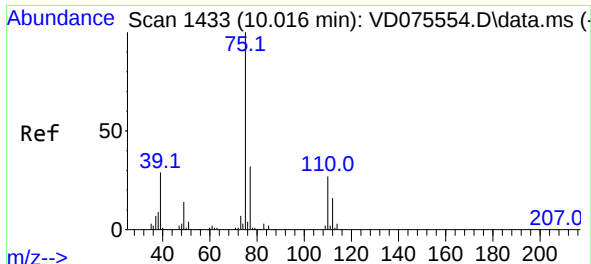
Tgt Ion: 63 Resp: 102229
Ion Ratio Lower Upper
63 100
112 5.4 4.7 7.1



#38
Bromodichloromethane
Concen: 25.661 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 83 Resp: 150346
Ion Ratio Lower Upper
83 100
85 59.4 45.1 83.9
127 8.2 6.8 10.2

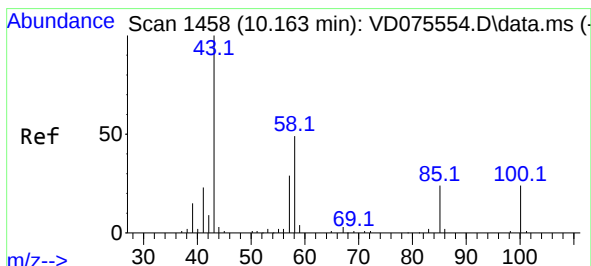
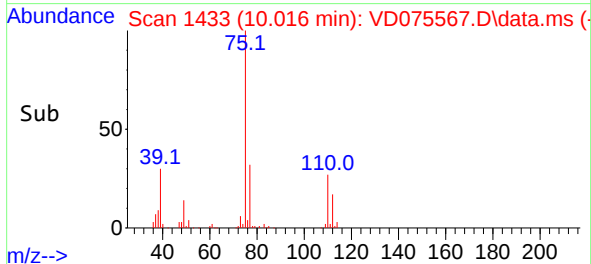
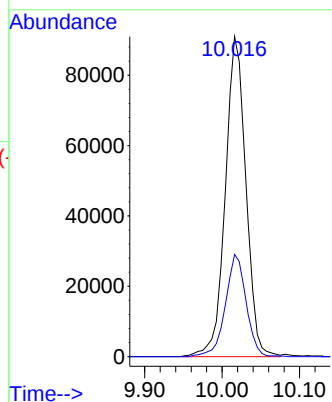
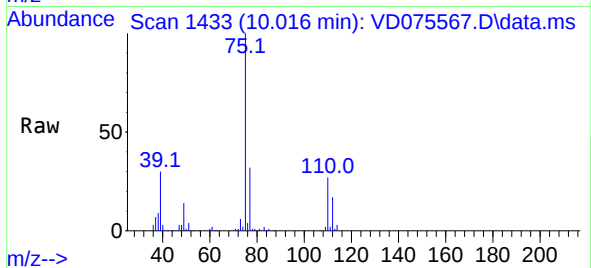




#39
cis-1,3-Dichloropropene
Concen: 25.782 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

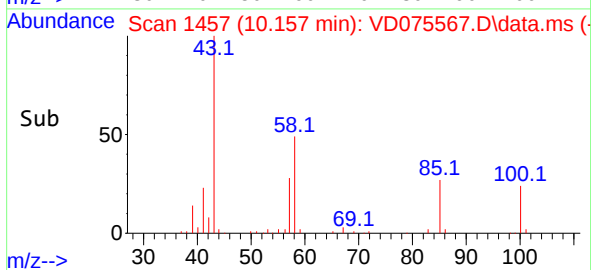
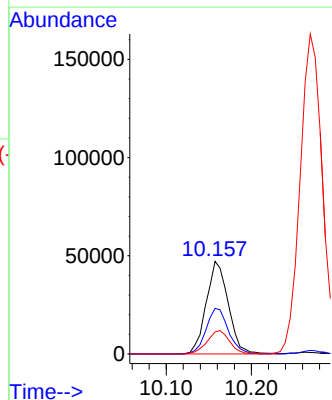
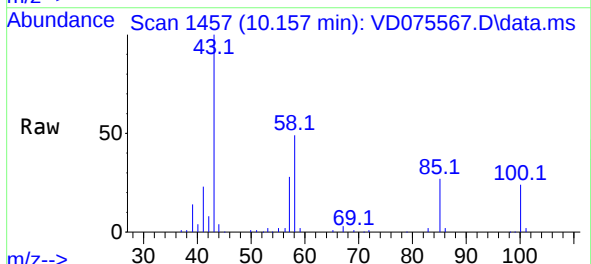
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

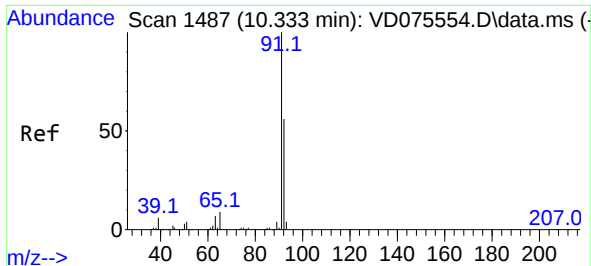
Tgt Ion: 75 Resp: 168165
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 54.895 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 43 Resp: 84643
Ion Ratio Lower Upper
43 100
58 49.6 39.4 59.0
100 25.7 20.3 30.5

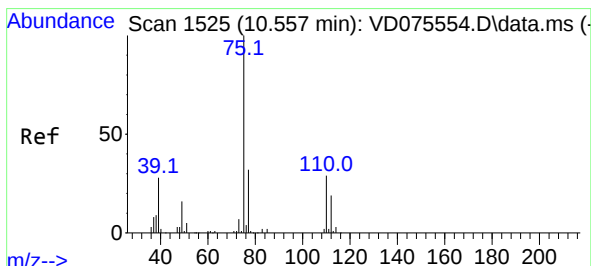
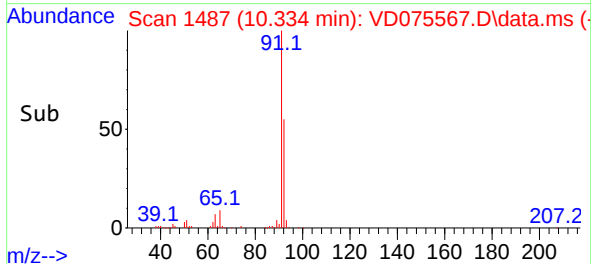
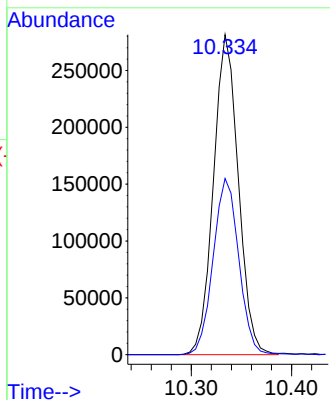
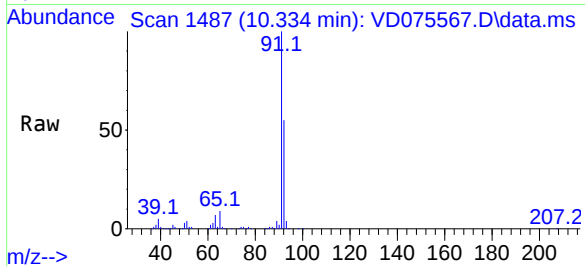




#42
Toluene
Concen: 24.954 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

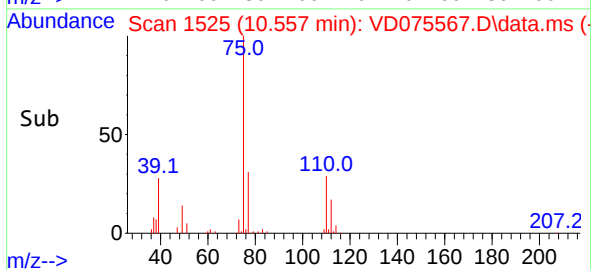
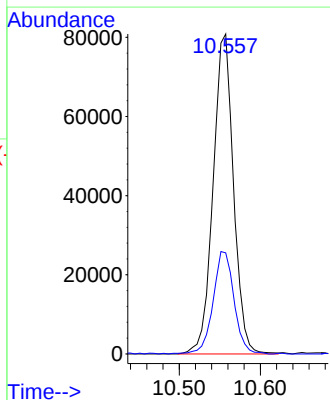
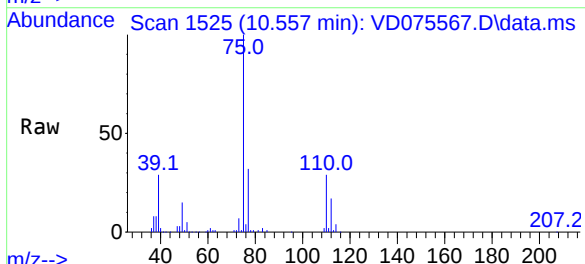
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

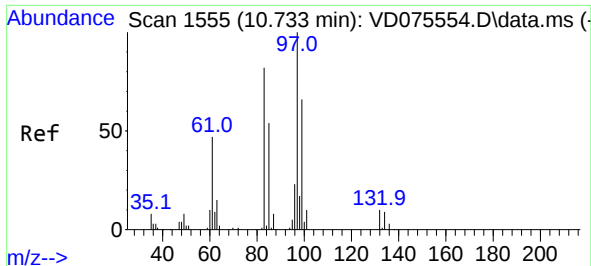
Tgt Ion: 91 Resp: 484780
Ion Ratio Lower Upper
91 100
92 55.0 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 25.451 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 75 Resp: 141141
Ion Ratio Lower Upper
75 100
77 31.6 22.1 41.1

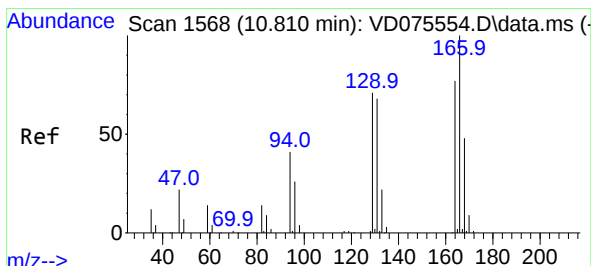
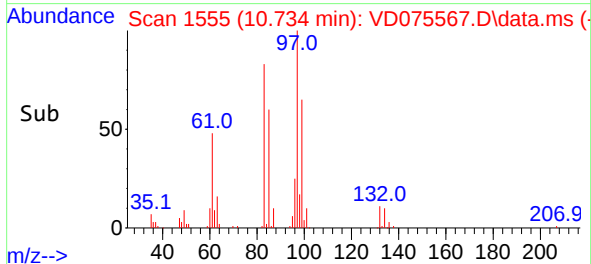
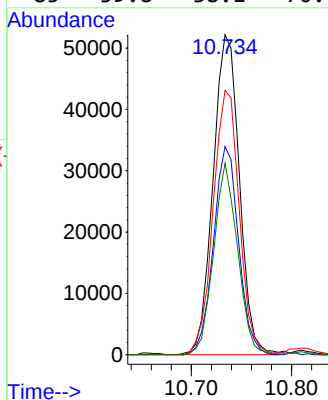
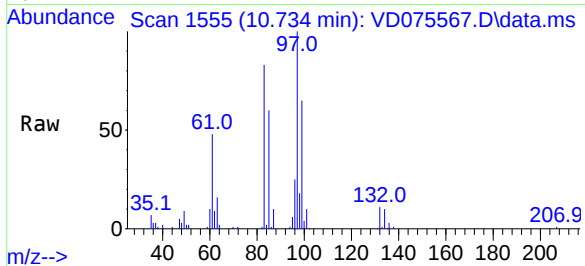




#45
1,1,2-Trichloroethane
Concen: 25.176 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

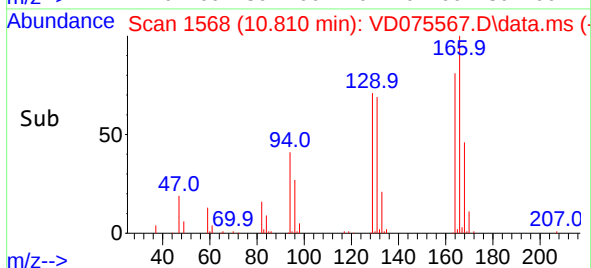
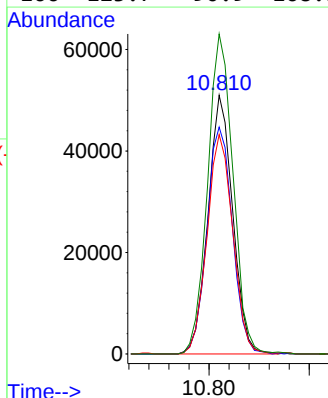
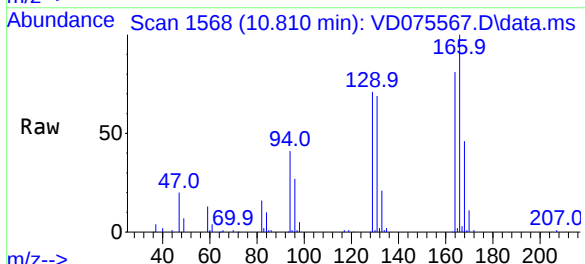
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

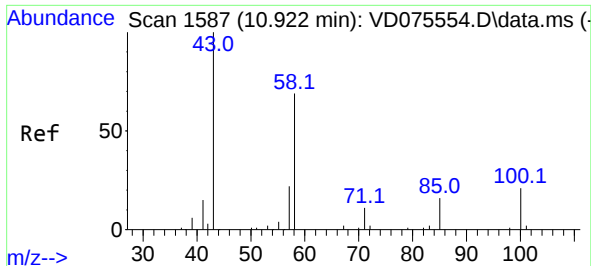
Tgt Ion: 97	Resp: 95041
Ion Ratio	Lower Upper
97 100	
99 65.0	46.4 86.2
83 82.6	57.1 106.1
85 59.8	38.1 70.7



#46
Tetrachloroethene
Concen: 22.802 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt	Ion:164	Resp:	87481
Ion	Ratio	Lower	Upper
164	100		
129	87.7	64.8	120.3
131	84.8	61.7	114.7
166	123.7	90.9	168.9



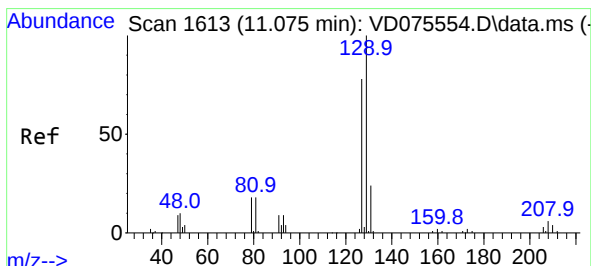
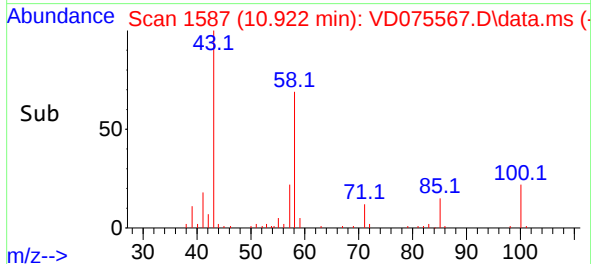
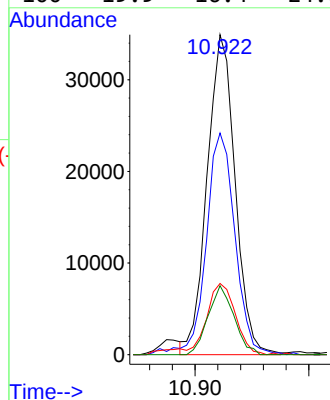
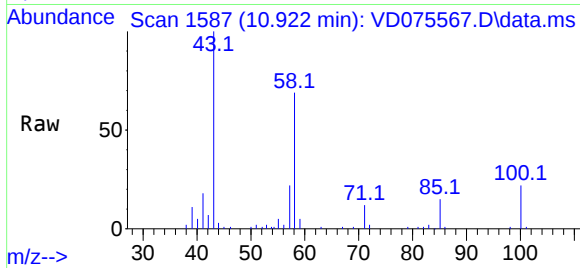


#48
2-Hexanone
Concen: 57.656 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

Tgt Ion: 43 Resp: 59914

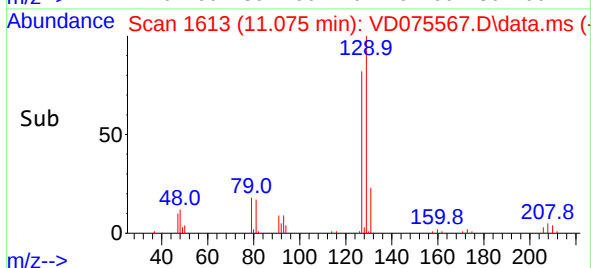
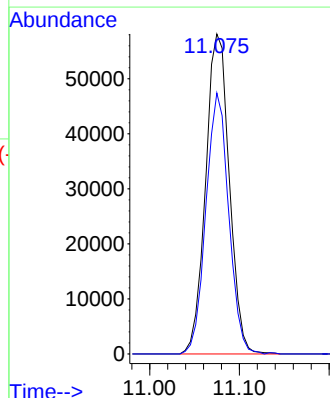
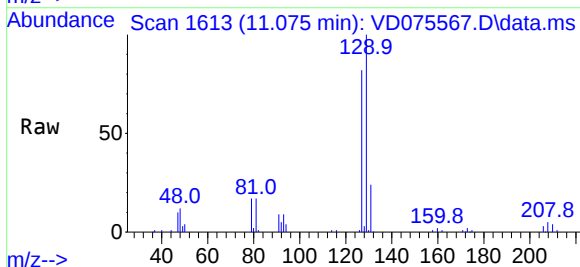
Ion	Ratio	Lower	Upper
43	100		
58	71.3	55.8	83.6
57	22.5	18.6	27.8
100	19.9	16.4	24.6

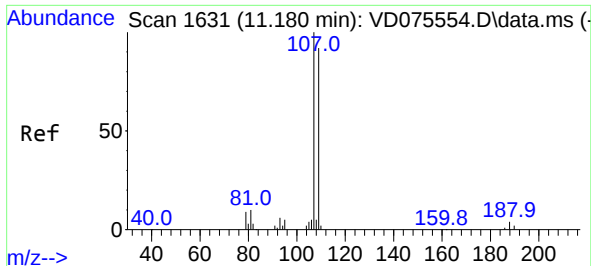


#49
Dibromochloromethane
Concen: 26.087 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 129 Resp: 106622

Ion	Ratio	Lower	Upper
129	100		
127	81.5	54.5	101.1

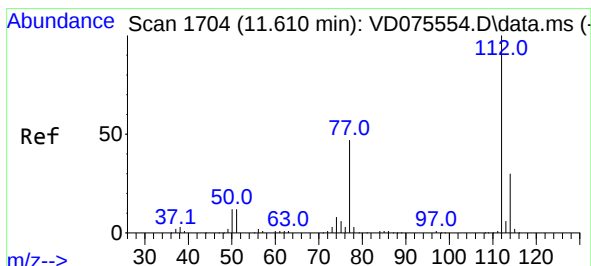
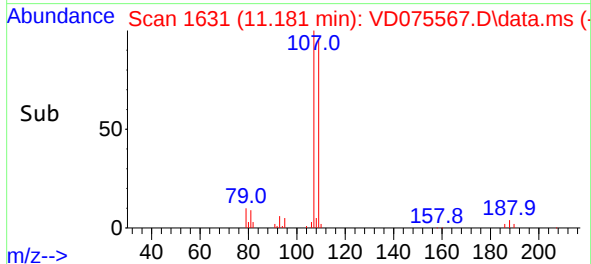
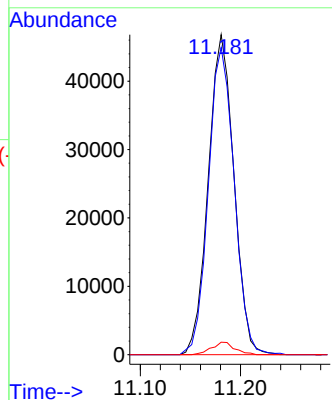
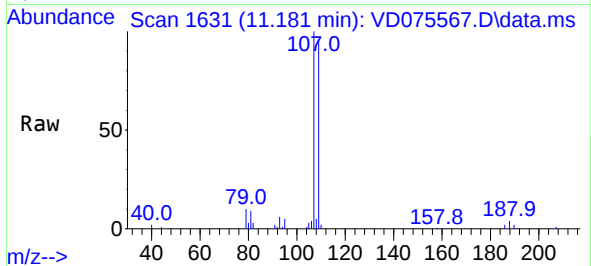




#50
1,2-Dibromoethane
Concen: 25.197 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

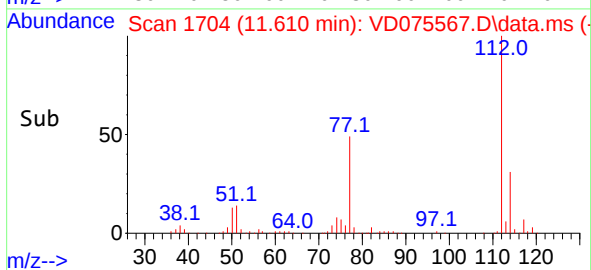
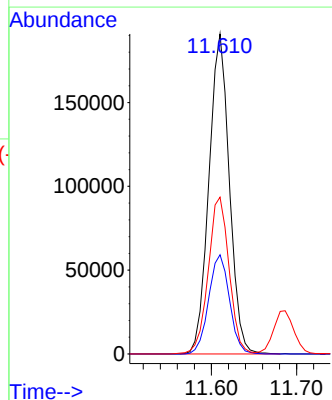
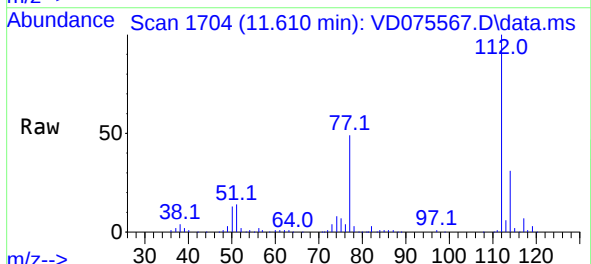
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

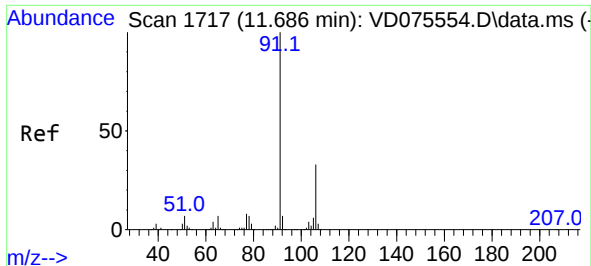
Tgt Ion:107 Resp: 83340
Ion Ratio Lower Upper
107 100
109 96.0 64.8 120.3
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 24.278 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:112 Resp: 317650
Ion Ratio Lower Upper
112 100
114 31.0 21.1 39.1
77 49.0 37.8 56.6

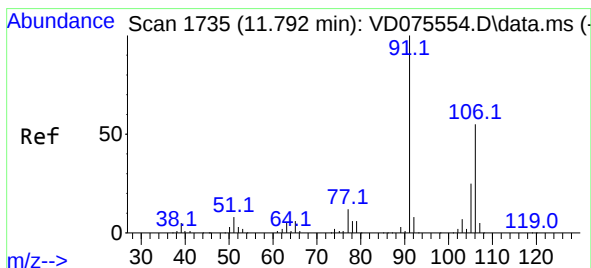
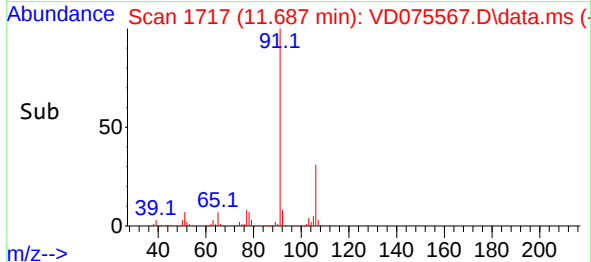
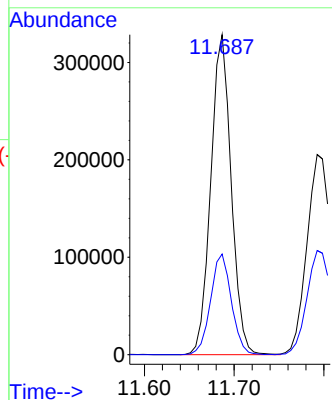
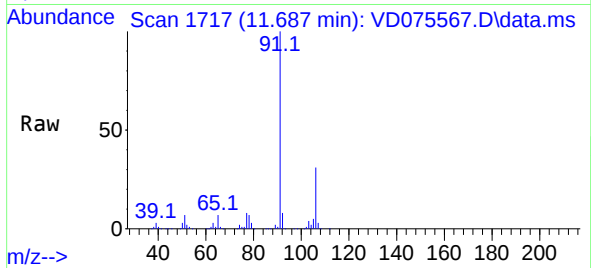




#52
Ethylbenzene
Concen: 25.410 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

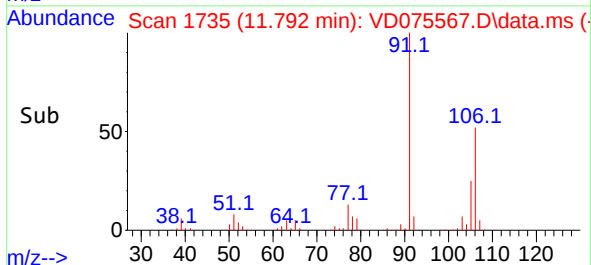
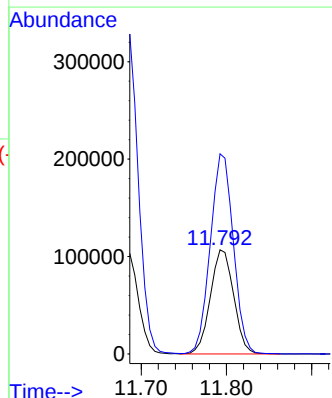
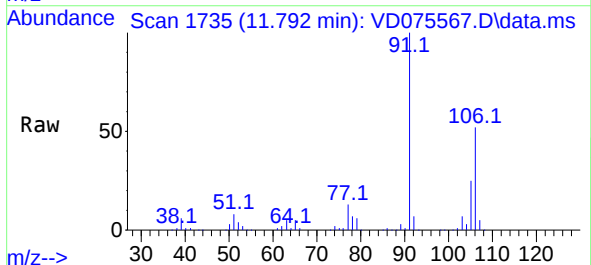
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

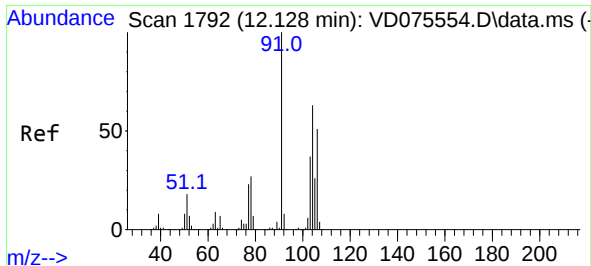
Tgt Ion: 91 Resp: 519106
Ion Ratio Lower Upper
91 100
106 31.4 23.2 43.2



#53
m,p-Xylene
Concen: 25.381 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 106 Resp: 203321
Ion Ratio Lower Upper
106 100
91 192.3 126.7 235.3

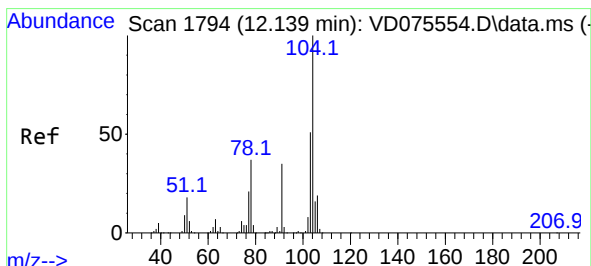
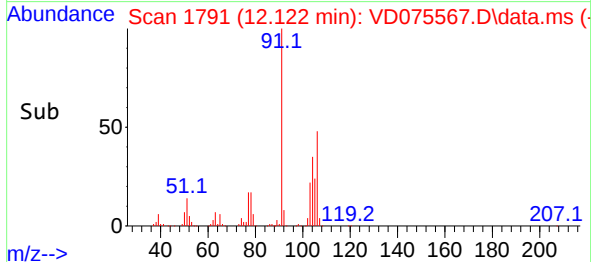
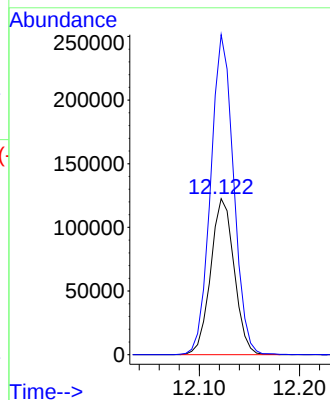
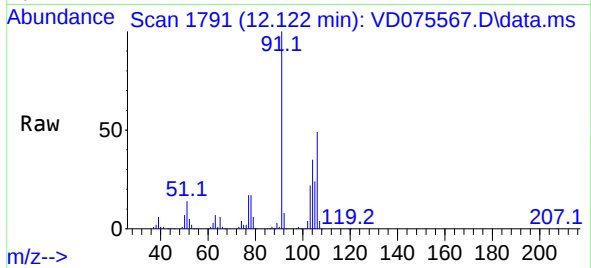




#54
o-Xylene
Concen: 26.123 ug/L
RT: 12.122 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

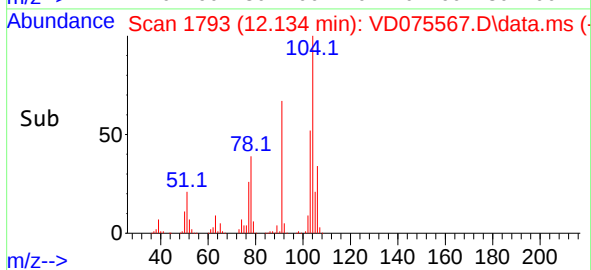
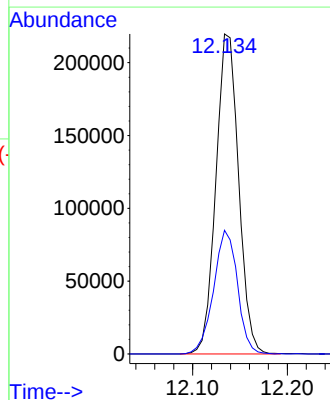
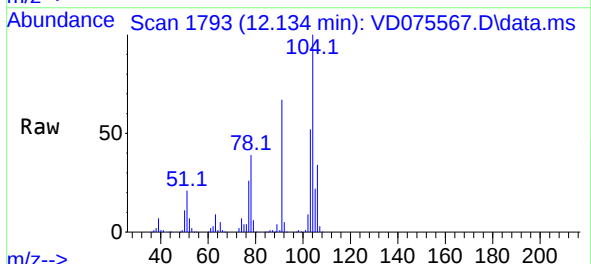
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

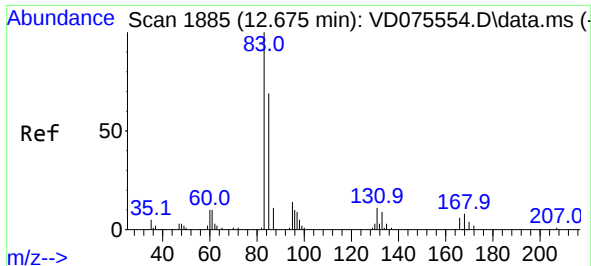
Tgt Ion:106 Resp: 199261
Ion Ratio Lower Upper
106 100
91 205.2 138.3 256.9



#55
Styrene
Concen: 26.968 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:104 Resp: 366543
Ion Ratio Lower Upper
104 100
78 38.6 25.8 47.8

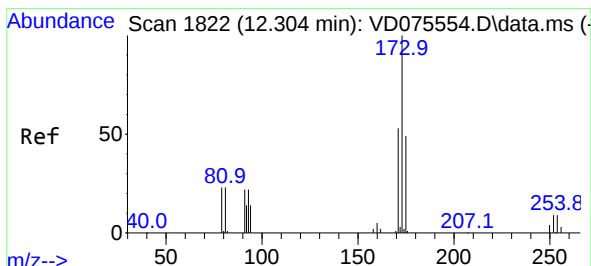
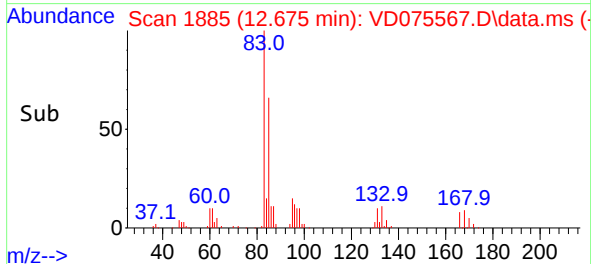
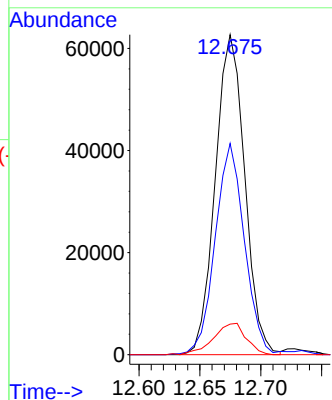
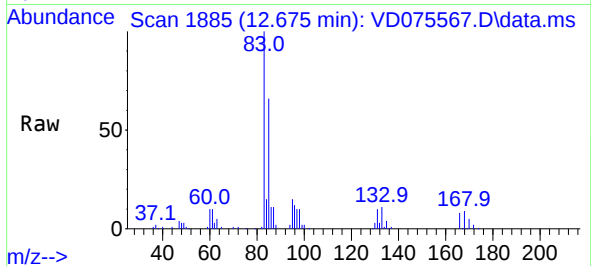




#57
1,1,2,2-Tetrachloroethane
Concen: 27.063 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

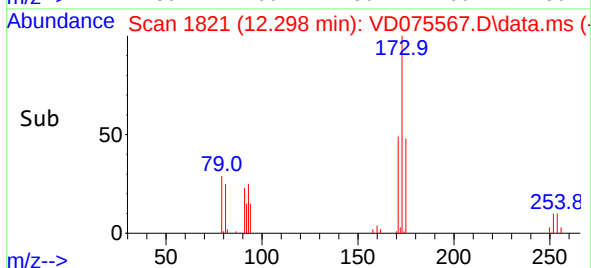
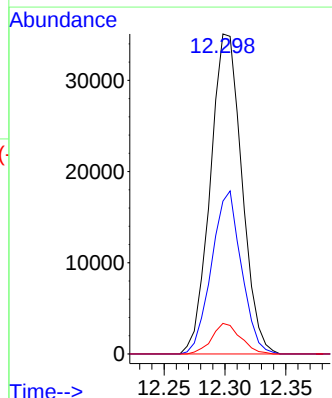
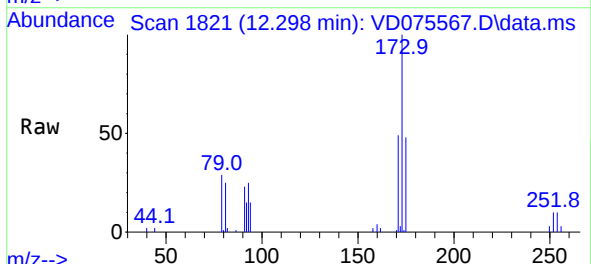
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

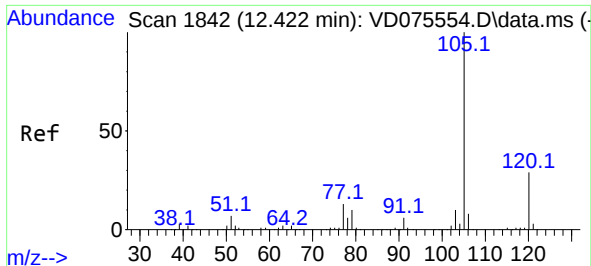
Tgt Ion: 83 Resp: 105434
Ion Ratio Lower Upper
83 100
85 66.0 48.7 90.5
131 9.6 9.3 13.9



#59
Bromoform
Concen: 24.564 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:173 Resp: 63261
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 8.7 7.7 11.5

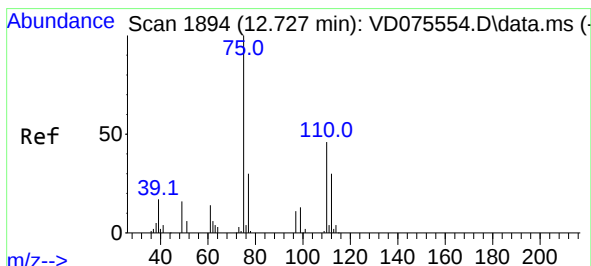
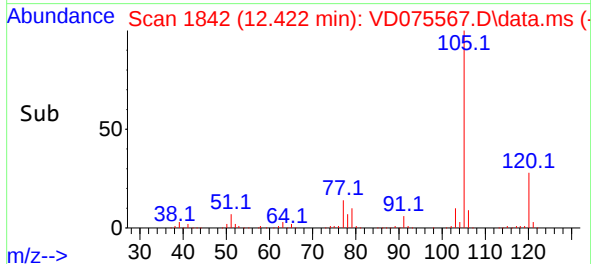
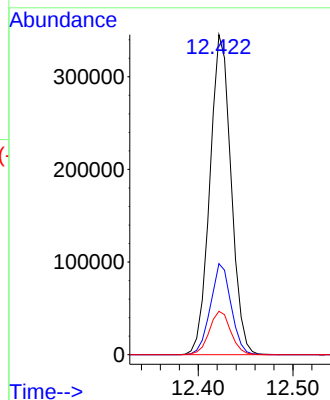
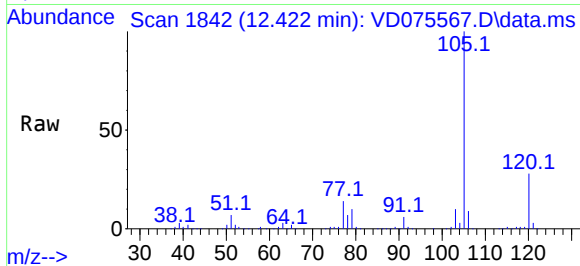




#60
Isopropylbenzene
Concen: 24.443 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

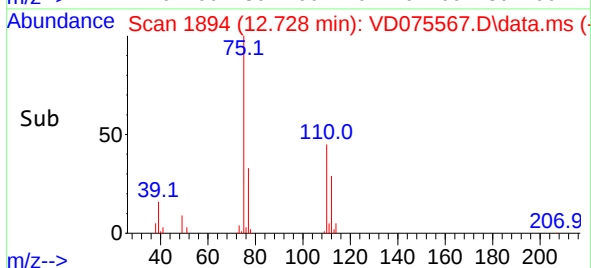
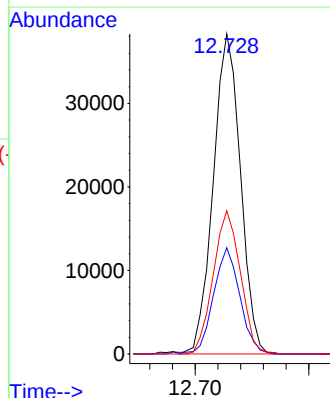
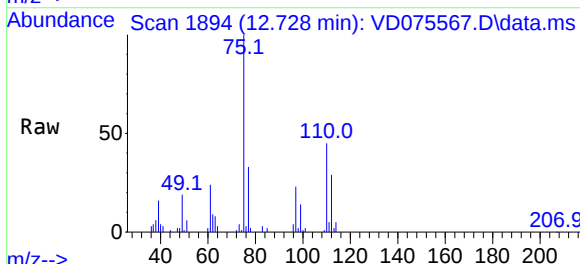
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

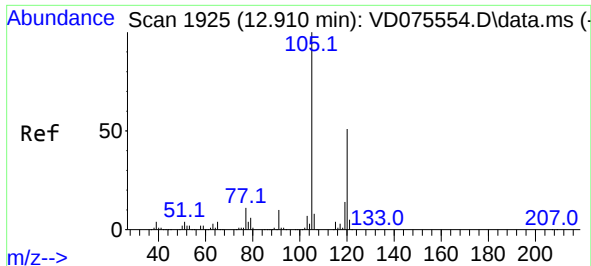
Tgt Ion:105 Resp: 537448
Ion Ratio Lower Upper
105 100
120 27.7 22.5 33.7
77 13.7 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 24.183 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion: 75 Resp: 63742
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 44.6 35.9 53.9





#62

1,3,5-Trimethylbenzene

Concen: 24.433 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075567.D

Acq: 03 Apr 2023 15:21

Instrument :

MSVOA_D

ClientSampleId :

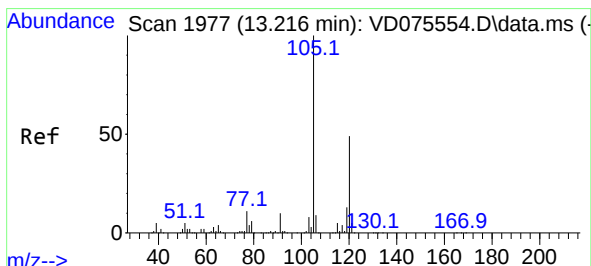
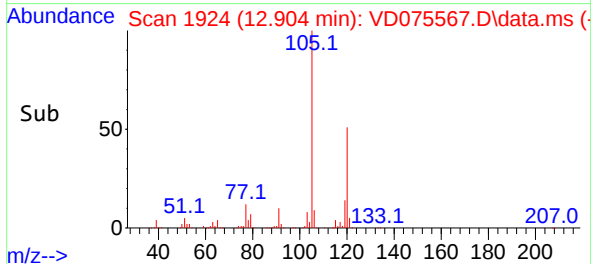
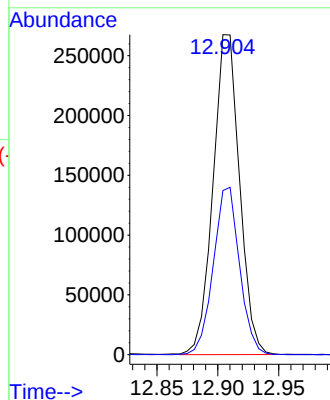
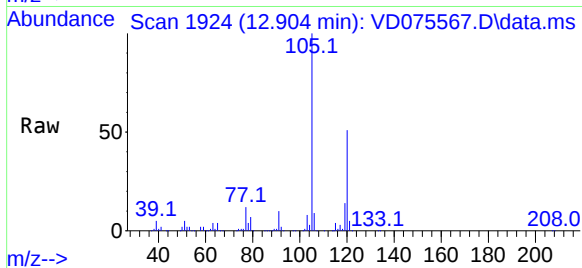
VSTD025120

Tgt Ion:105 Resp: 405216

Ion Ratio Lower Upper

105 100

120 51.8 41.1 61.7



#63

1,2,4-Trimethylbenzene

Concen: 25.295 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075567.D

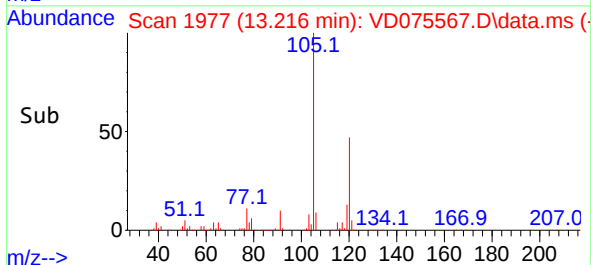
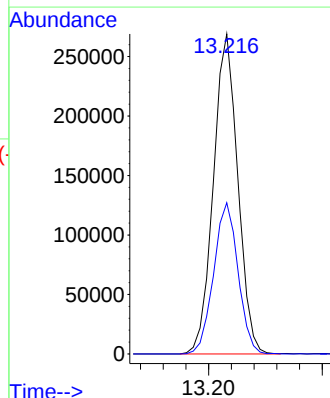
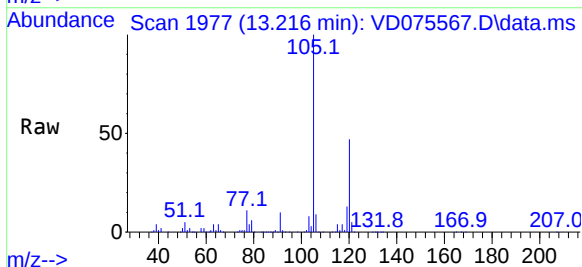
Acq: 03 Apr 2023 15:21

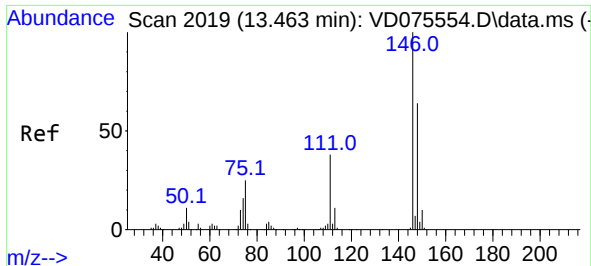
Tgt Ion:105 Resp: 401163

Ion Ratio Lower Upper

105 100

120 47.2 39.0 58.4

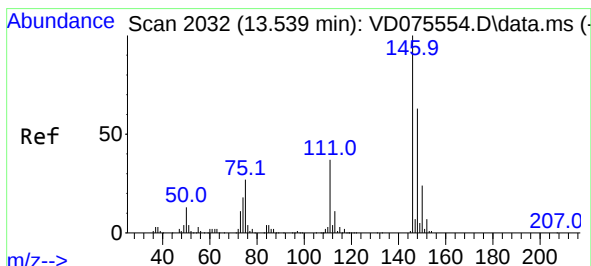
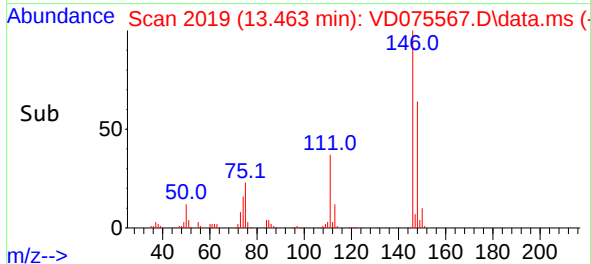
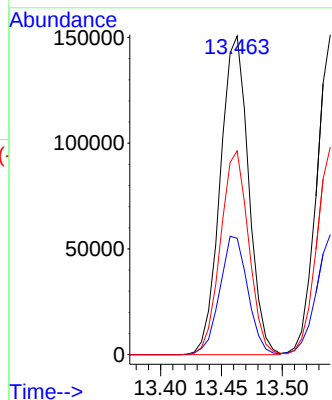
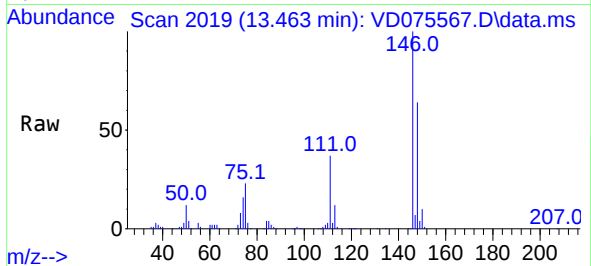




#64
1,3-Dichlorobenzene
Concen: 24.506 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

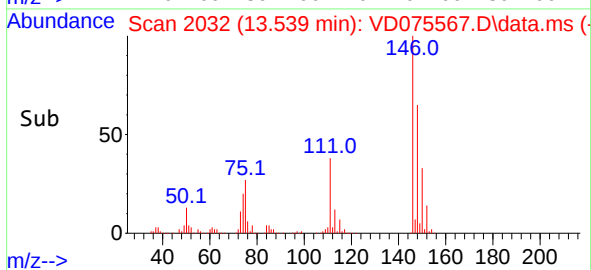
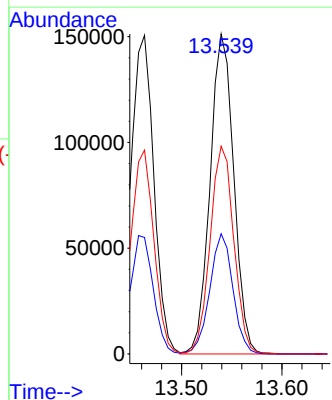
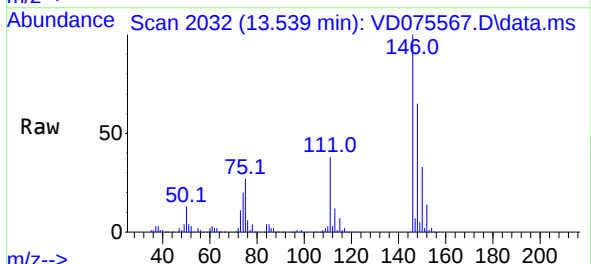
Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

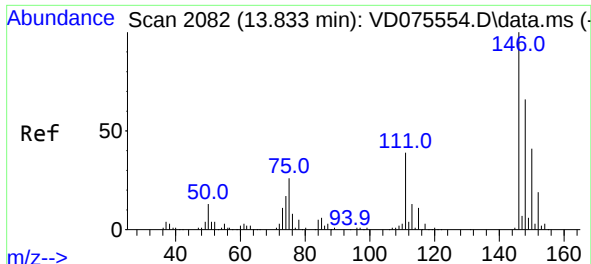
Tgt Ion:146 Resp: 243986
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 64.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 23.950 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:146 Resp: 248714
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.4
148 64.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 24.569 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075567.D

Acq: 03 Apr 2023 15:21

Instrument :

MSVOA_D

ClientSampleId :

VSTD025120

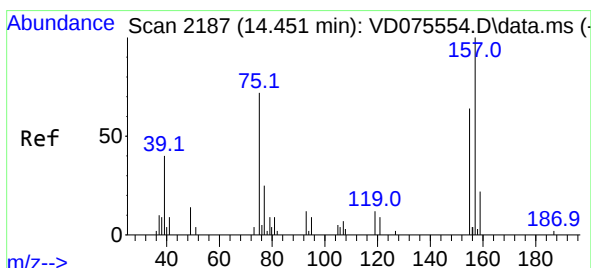
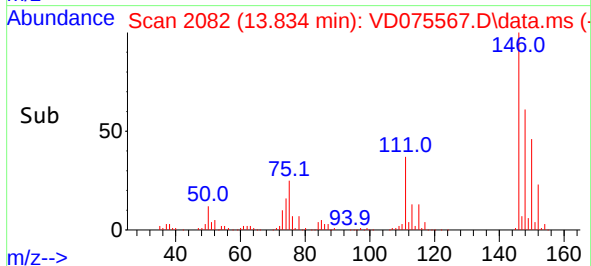
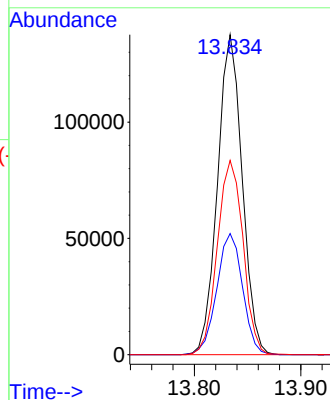
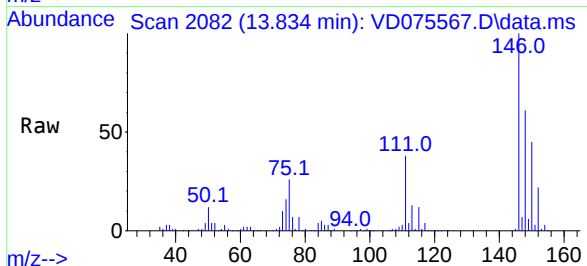
Tgt Ion:146 Resp: 221547

Ion Ratio Lower Upper

146 100

111 37.8 31.3 46.9

148 60.7 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.168 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075567.D

Acq: 03 Apr 2023 15:21

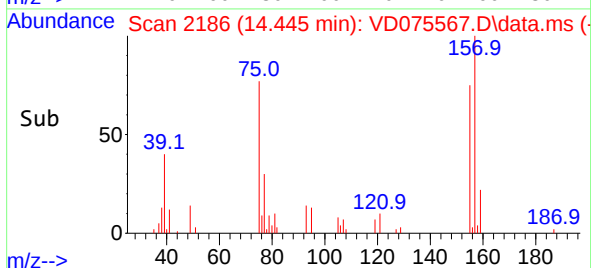
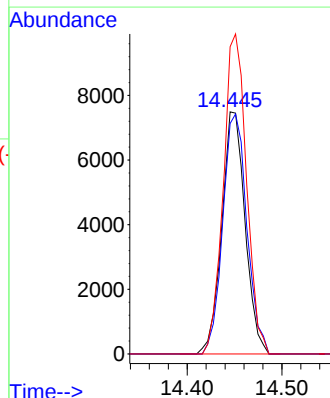
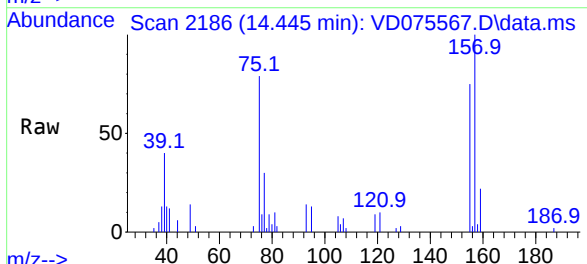
Tgt Ion: 75 Resp: 12828

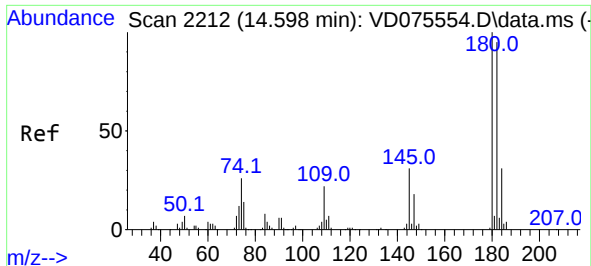
Ion Ratio Lower Upper

75 100

155 95.2 70.6 106.0

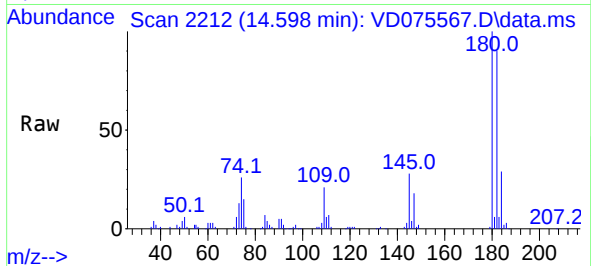
157 126.9 111.3 166.9



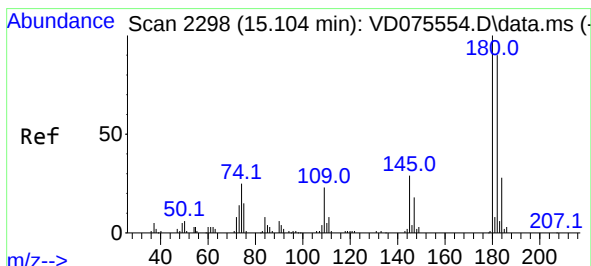
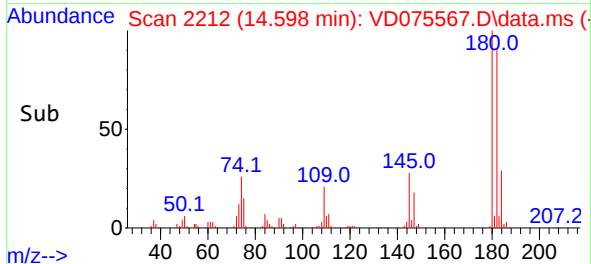
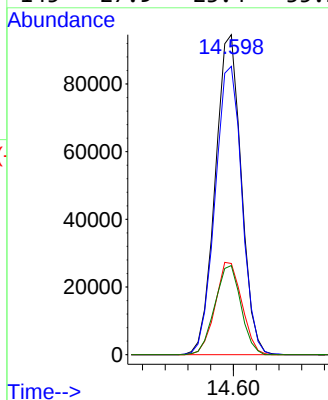


#69
1,3,5-Trichlorobenzene
Concen: 24.543 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

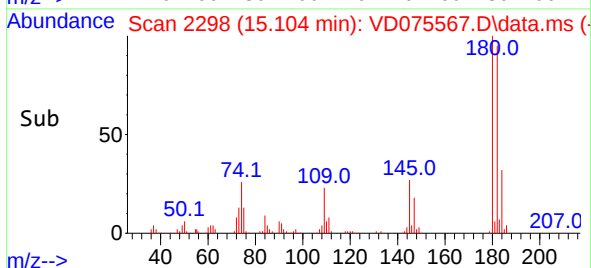
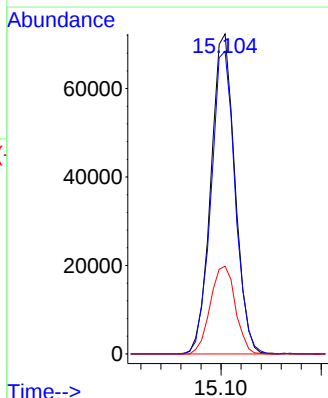
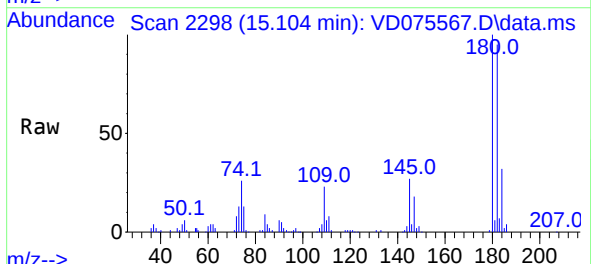


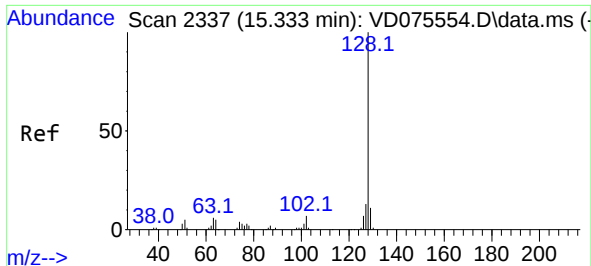
Tgt Ion:180 Resp: 150694
Ion Ratio Lower Upper
180 100
182 92.5 76.9 115.3
184 29.5 24.6 36.8
145 27.9 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 24.206 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:180 Resp: 120317
Ion Ratio Lower Upper
180 100
182 94.9 74.2 111.2
145 28.5 22.9 34.3

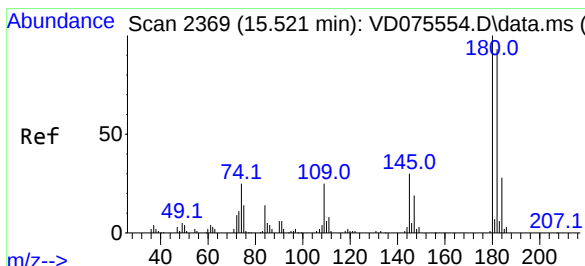
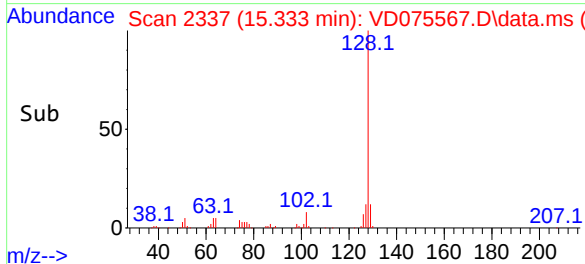
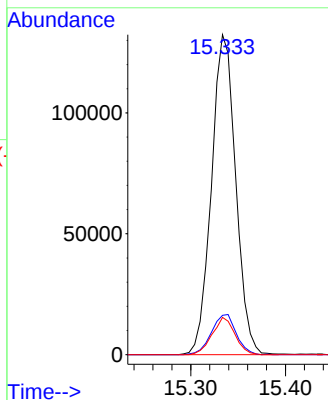
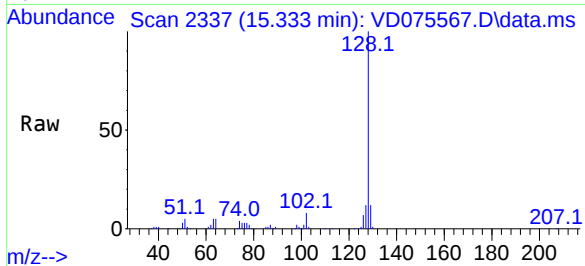




#71
Naphthalene
Concen: 25.629 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
VSTD025120

Tgt Ion:	128	Resp:	235535
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.853 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075567.D
Acq: 03 Apr 2023 15:21

Tgt Ion:	180	Resp:	110657
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.4	113.0
145	31.4	25.2	37.8

