

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075449.D
 Acq On : 06 Mar 2023 09:32
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025106

Quant Time: Mar 06 13:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	337677	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	148408	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	168829	20.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
7) Chloroethane-d5	2.805	69	161398	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	3.928	63	185806	23.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.920%
21) 2-Butanone-d5	6.987	46	37481	48.240	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.480%
24) Chloroform-d	7.569	84	225258	25.455	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	8.228	65	91541	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.205	84	437845	25.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	9.210	67	126276	25.633	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.520%
41) Toluene-d8	10.269	98	407715	25.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.560%
43) trans-1,3-Dichloroprop...	10.528	79	51073	25.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.881	63	35003	49.252	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101375	24.601	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	132646	25.552	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	134722	25.933	ug/L	99
3) Chloromethane	2.152	50	179252	20.518	ug/L	99
5) Vinyl chloride	2.287	62	268860	24.470	ug/L	99
6) Bromomethane	2.699	94	176979	33.987	ug/L	99
8) Chloroethane	2.840	64	179694	26.008	ug/L	98
9) Trichlorofluoromethane	3.181	101	226003	27.478	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	155194	27.314	ug/L	97
12) 1,1-Dichloroethene	3.946	96	132727	26.528	ug/L	95
13) Acetone	4.017	43	40750	46.428	ug/L	93
14) Carbon disulfide	4.275	76	357509	25.554	ug/L	100
15) Methyl Acetate	4.569	43	34916	23.442	ug/L #	80
16) Methylene chloride	4.805	84	149054	20.900	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	144211	26.889	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	255048	25.589	ug/L #	73
19) 1,1-Dichloroethane	6.116	63	239792	26.430	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	167739	27.687	ug/L	88
22) 2-Butanone	7.087	43	51188	45.959	ug/L	99
23) Bromochloromethane	7.428	128	70881	27.308	ug/L	94
25) Chloroform	7.593	83	260697	26.352	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075449.D
 Acq On : 06 Mar 2023 09:32
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025106

Quant Time: Mar 06 13:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

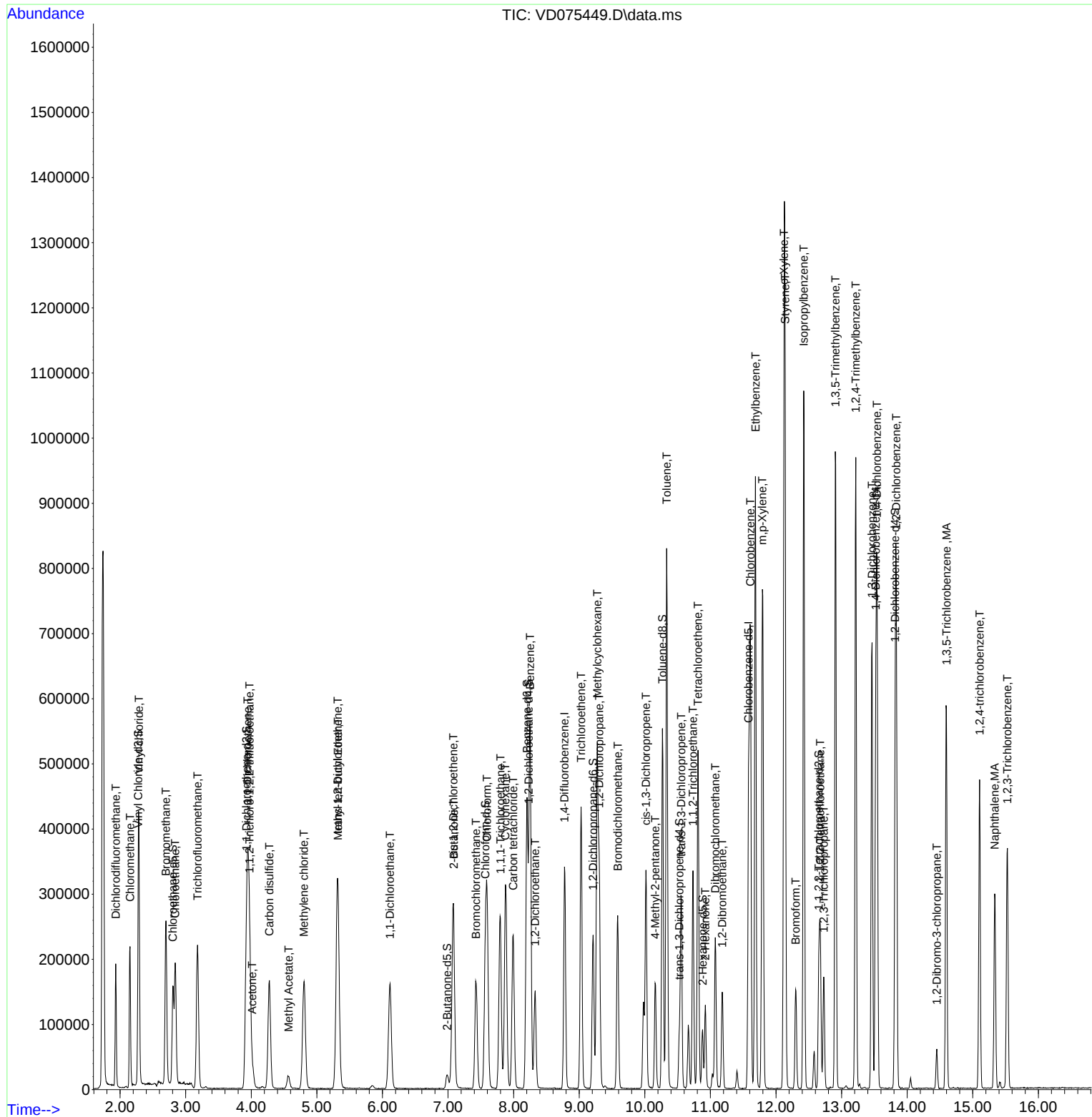
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	130731	24.505	ug/L	100
29) Cyclohexane	7.875	56	174262	27.749	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	224356	28.430	ug/L	98
31) Carbon tetrachloride	7.993	117	188170	30.021	ug/L	99
33) Benzene	8.252	78	579701	27.484	ug/L	100
34) Trichloroethene	9.028	95	155329	28.199	ug/L	94
35) Methylcyclohexane	9.275	83	241777	28.116	ug/L	97
37) 1,2-Dichloropropane	9.305	63	138743	26.769	ug/L #	92
38) Bromodichloromethane	9.587	83	190014	27.714	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	217991	27.482	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	97839	49.223	ug/L	99
42) Toluene	10.334	91	665197	28.807	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	174507	26.702	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	113821	27.495	ug/L	97
46) Tetrachloroethene	10.810	164	122980	29.136	ug/L	97
48) 2-Hexanone	10.922	43	73861	50.506	ug/L	97
49) Dibromochloromethane	11.075	129	129020	28.531	ug/L	94
50) 1,2-Dibromoethane	11.181	107	100875	26.957	ug/L	96
51) Chlorobenzene	11.610	112	421866	28.108	ug/L	99
52) Ethylbenzene	11.687	91	697743	28.414	ug/L	99
53) m,p-Xylene	11.793	106	277954	28.729	ug/L	99
54) o-Xylene	12.122	106	264652	28.917	ug/L	97
55) Styrene	12.140	104	468077	28.796	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	116913	25.804	ug/L	94
59) Bromoform	12.298	173	73405	27.411	ug/L	98
60) Isopropylbenzene	12.422	105	722573	28.949	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74577	25.068	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	550298	29.370	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	531875	29.031	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	312075	28.264	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	313736	27.623	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	273296	27.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	14663	25.380	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	195959	28.302	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	155278	27.892	ug/L	98
71) Naphthalene	15.334	128	283359	25.663	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	134521	27.414	ug/L	99

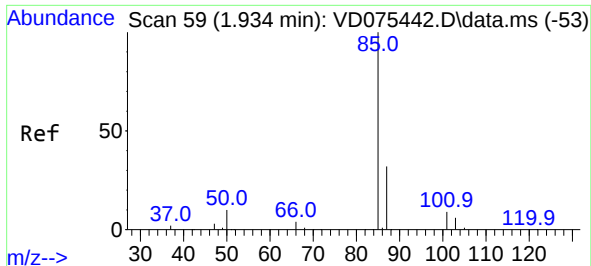
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030623\
 Data File : VD075449.D
 Acq On : 06 Mar 2023 09:32
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025106

Quant Time: Mar 06 13:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

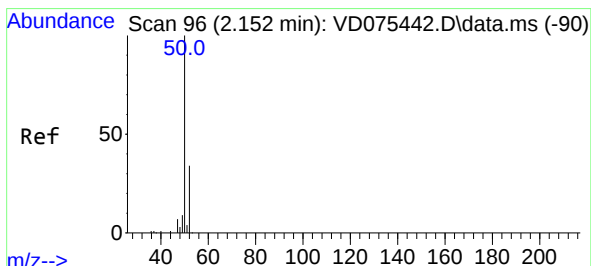
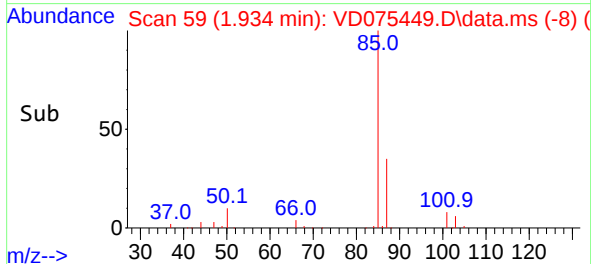
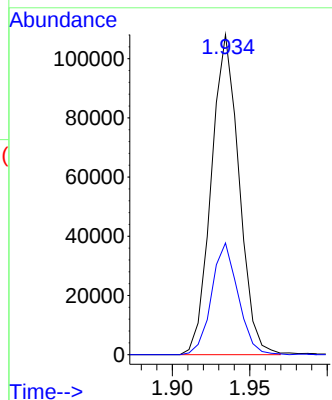
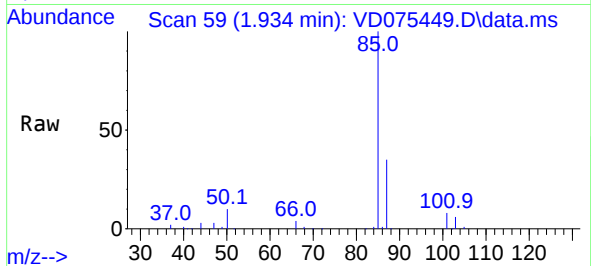




#2
 Dichlorodifluoromethane
 Concen: 25.933 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075449.D
 Acq: 06 Mar 2023 09:32

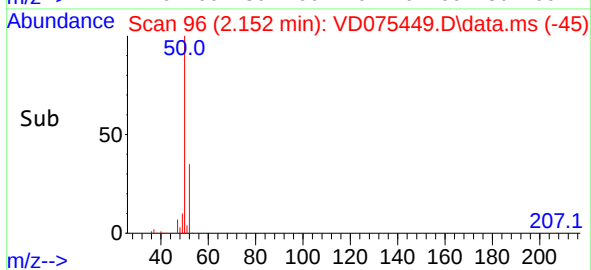
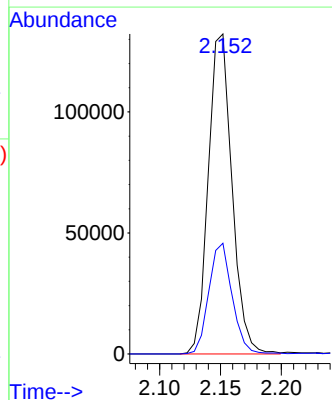
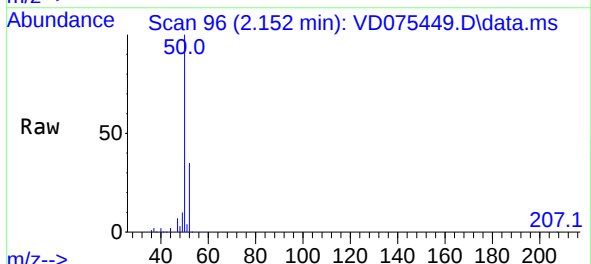
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025106

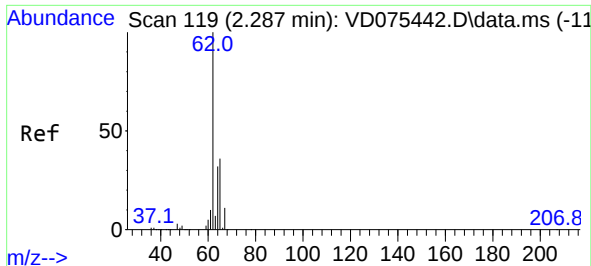
Tgt Ion: 85 Resp: 134722
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.4 39.6



#3
 Chloromethane
 Concen: 20.518 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075449.D
 Acq: 06 Mar 2023 09:32

Tgt Ion: 50 Resp: 179252
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.7 43.9

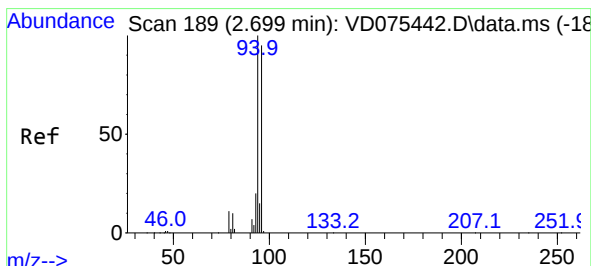
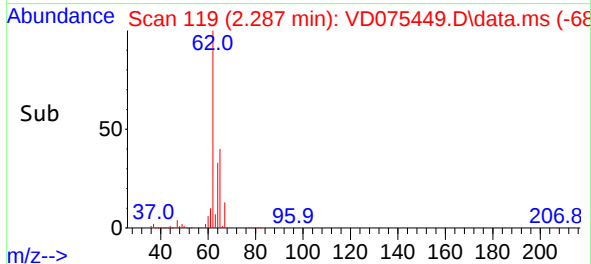
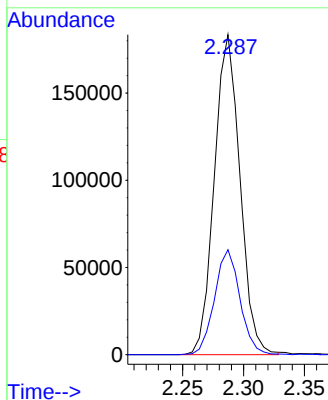
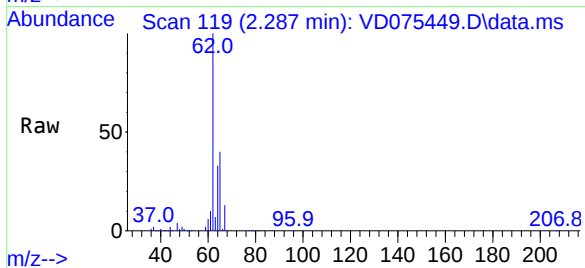




#5
Vinyl chloride
Concen: 24.470 ug/L
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

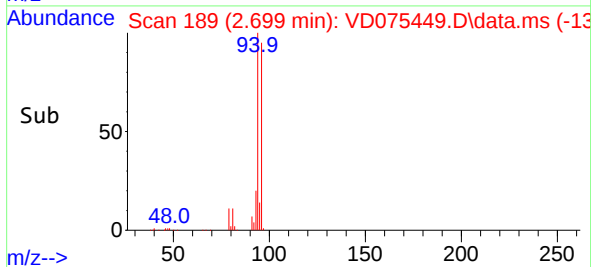
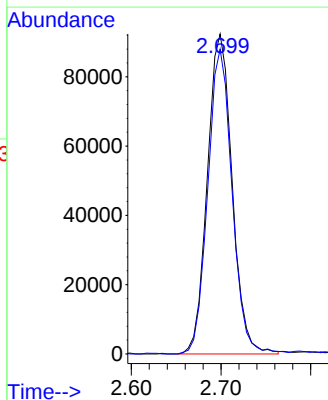
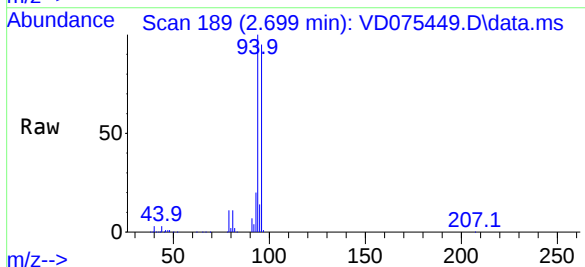
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

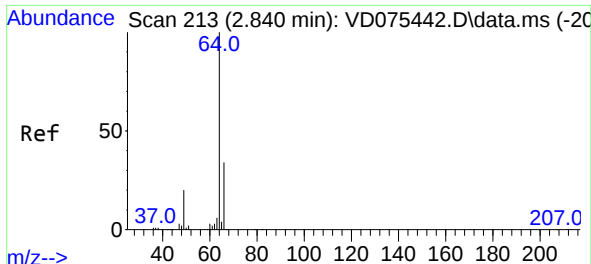
Tgt Ion: 62 Resp: 268860
Ion Ratio Lower Upper
62 100
64 32.8 22.7 42.3



#6
Bromomethane
Concen: 33.987 ug/L
RT: 2.699 min Scan# 189
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 94 Resp: 176979
Ion Ratio Lower Upper
94 100
96 95.2 65.9 122.5

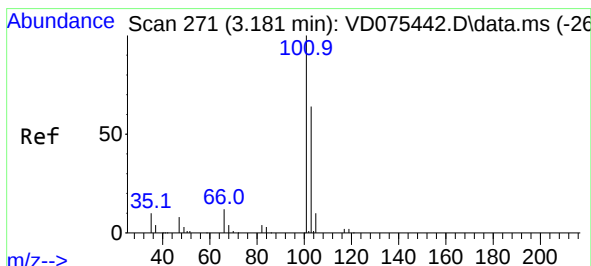
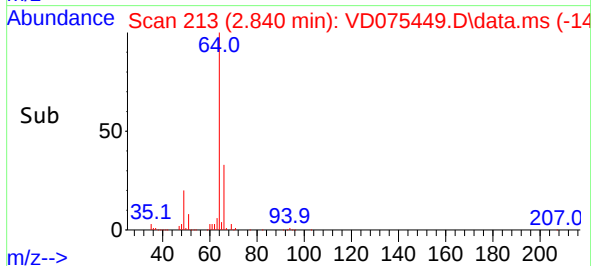
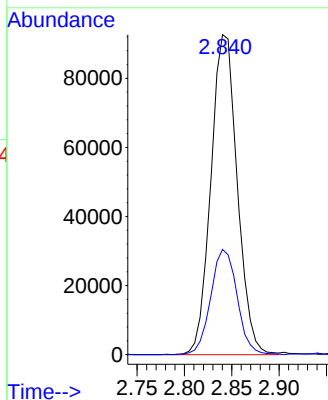
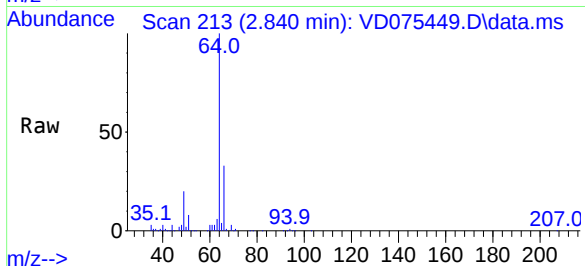




#8
Chloroethane
Concen: 26.008 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

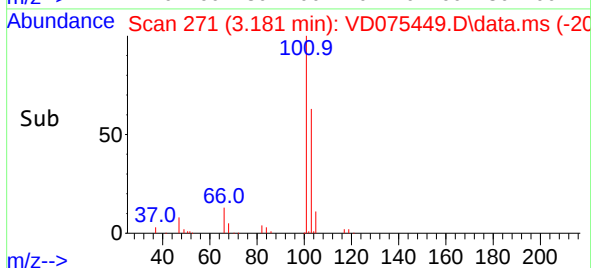
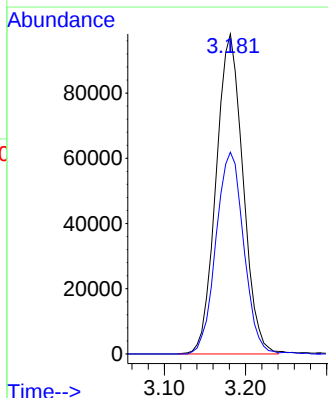
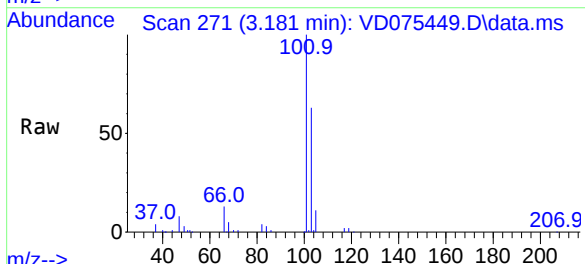
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

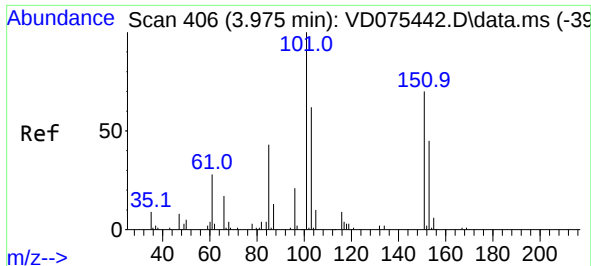
Tgt Ion: 64 Resp: 179694
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 27.478 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion:101 Resp: 226003
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

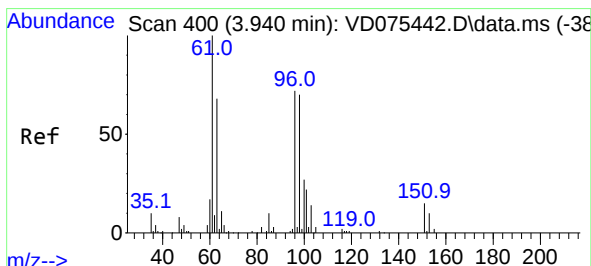
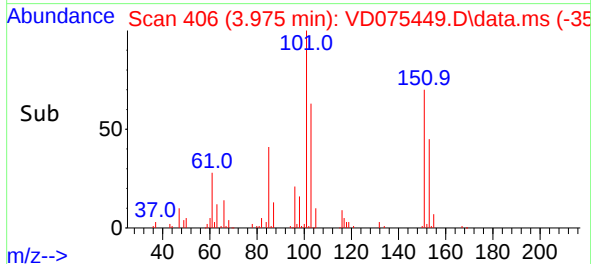
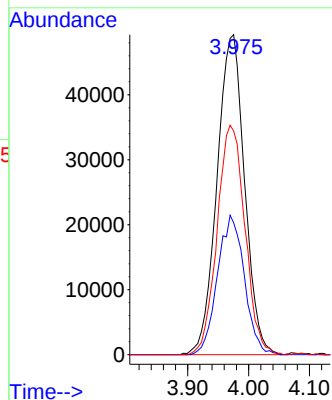
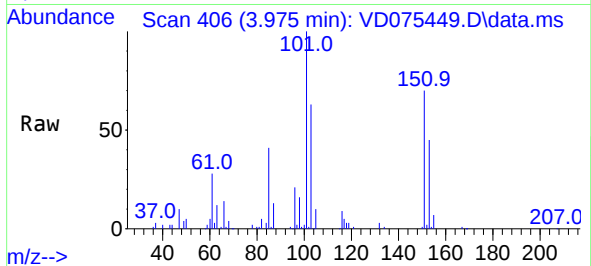




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.314 ug/L
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

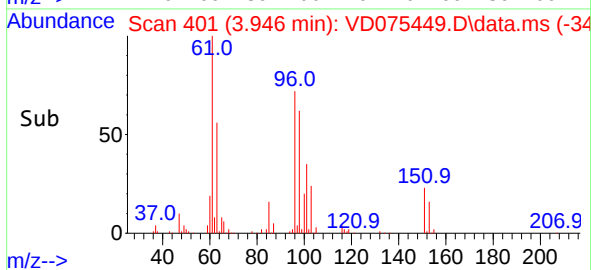
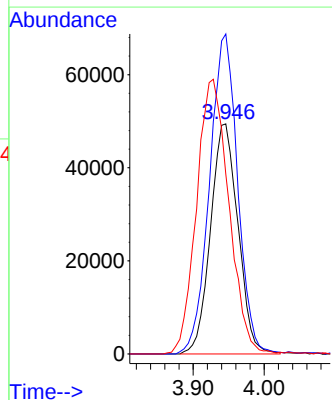
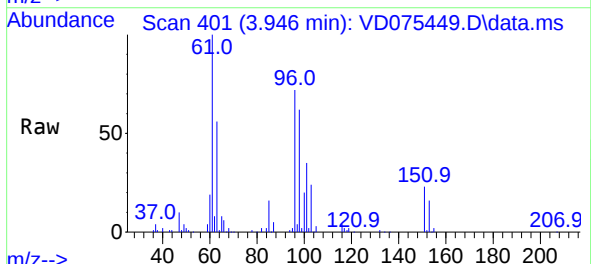
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

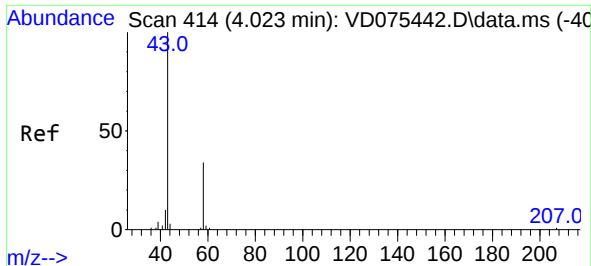
Tgt Ion:101 Resp: 155194
Ion Ratio Lower Upper
101 100
85 42.4 34.0 51.0
151 72.2 54.8 82.2



#12
1,1-Dichloroethene
Concen: 26.528 ug/L
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 96 Resp: 132727
Ion Ratio Lower Upper
96 100
61 139.1 97.5 181.1
63 78.2 62.4 116.0

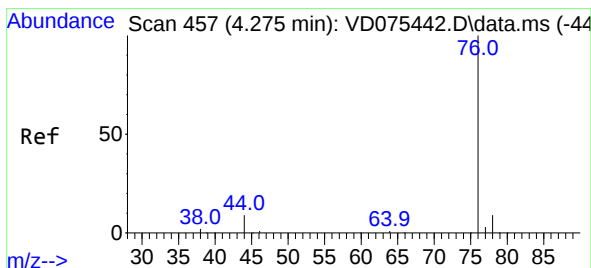
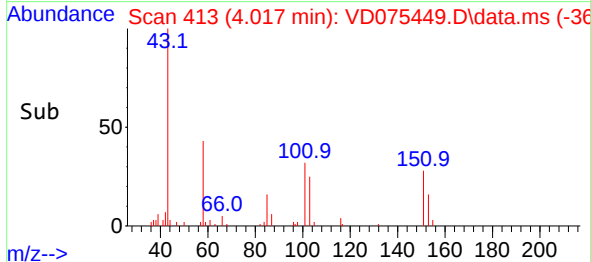
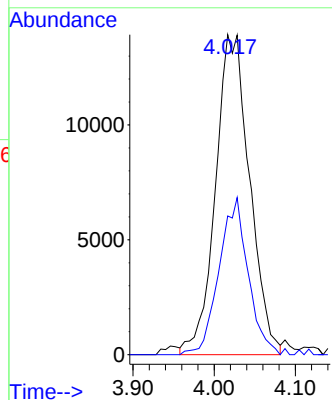
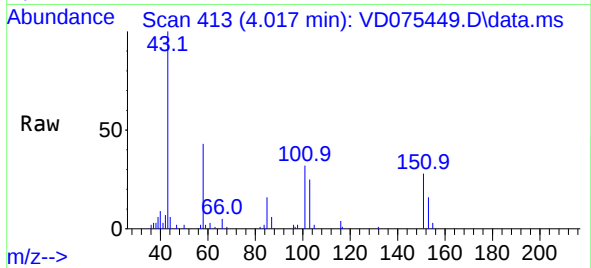




#13
Acetone
Concen: 46.428 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

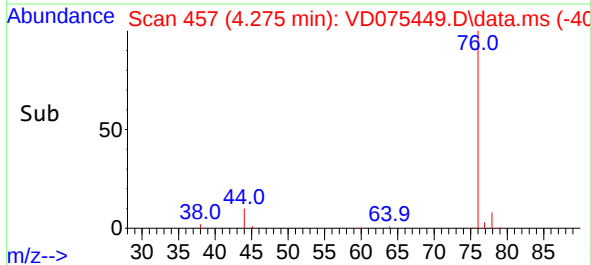
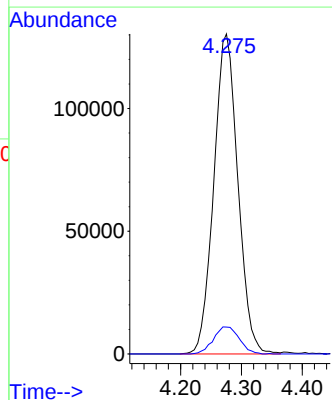
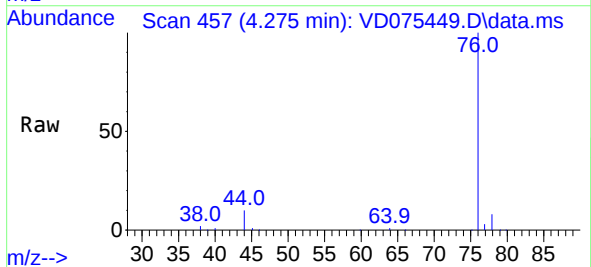
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

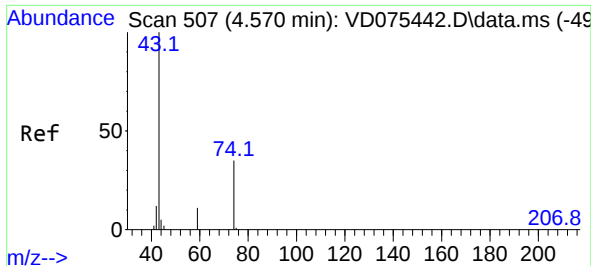
Tgt Ion: 43 Resp: 40750
Ion Ratio Lower Upper
43 100
58 41.7 0.0 75.4



#14
Carbon disulfide
Concen: 25.554 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 76 Resp: 357509
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

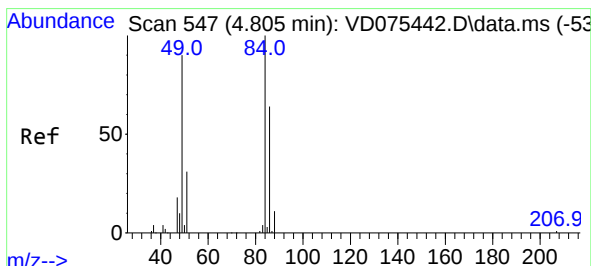
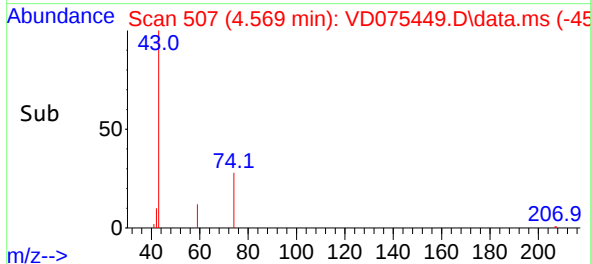
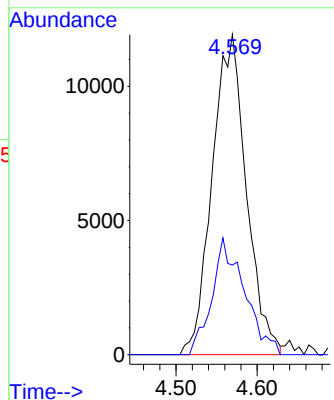
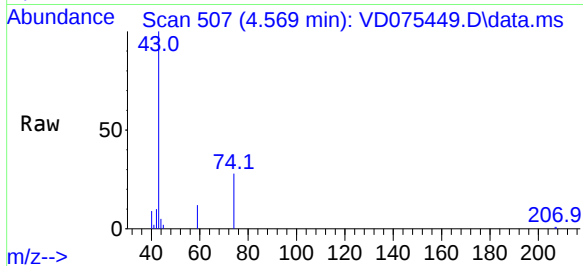




#15
Methyl Acetate
Concen: 23.442 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

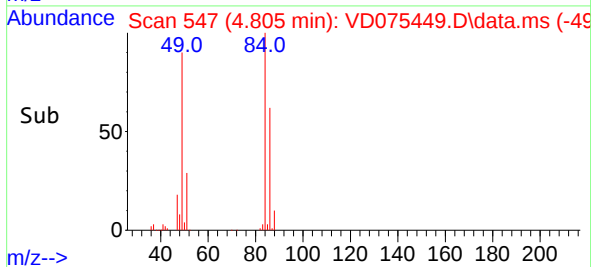
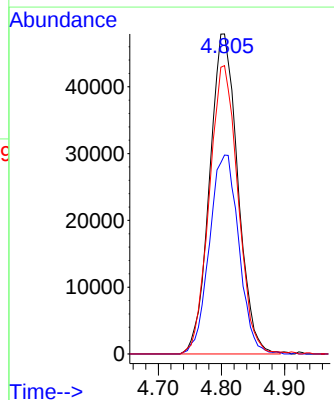
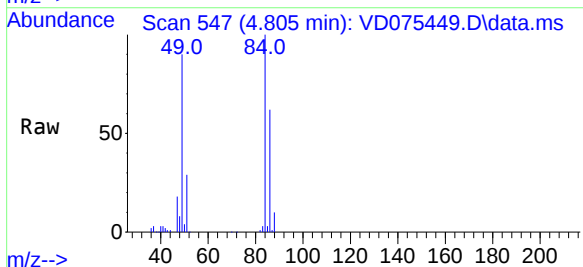
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

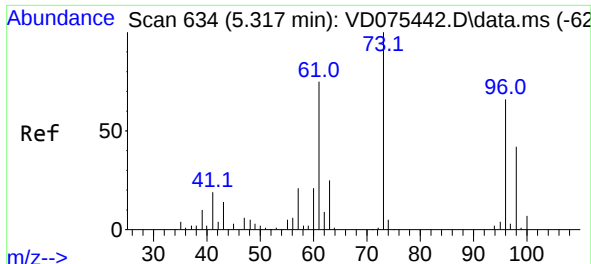
Tgt Ion: 43 Resp: 34916
Ion Ratio Lower Upper
43 100
74 21.1 25.7 38.5#



#16
Methylene chloride
Concen: 20.900 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 84 Resp: 149054
Ion Ratio Lower Upper
84 100
86 62.2 44.2 82.2
49 90.1 63.6 118.2

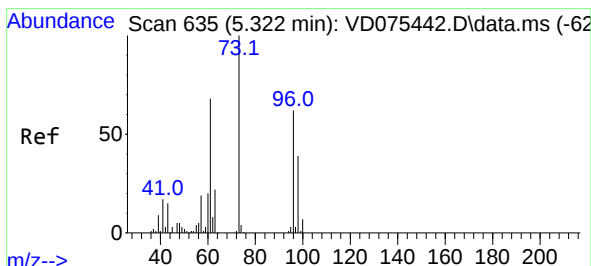
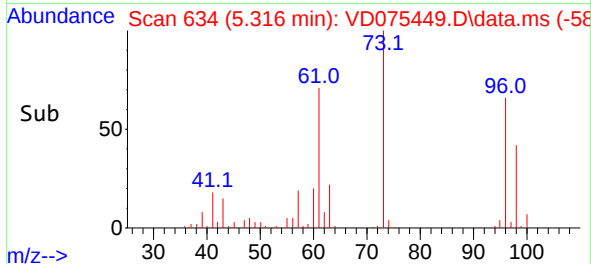
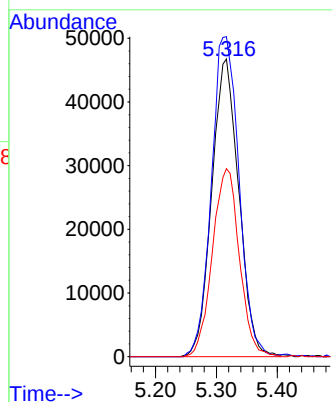
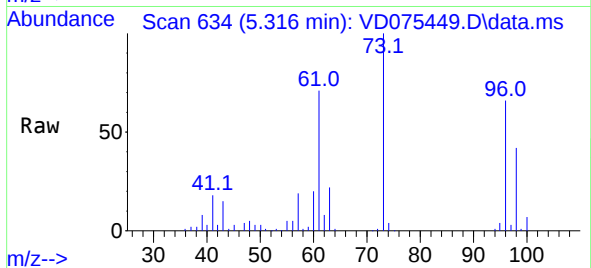




#17
trans-1,2-Dichloroethene
Concen: 26.889 ug/L
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

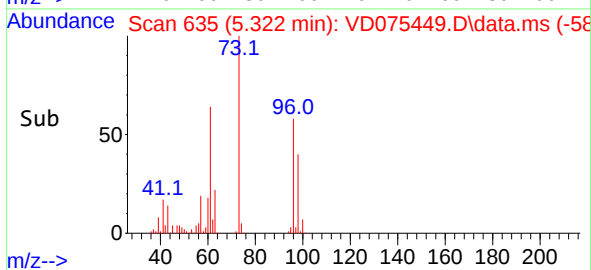
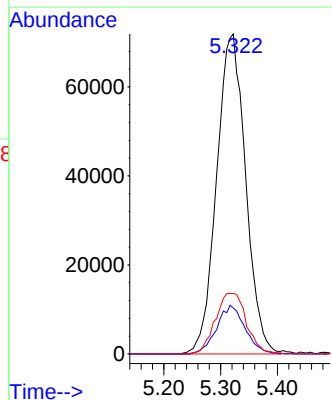
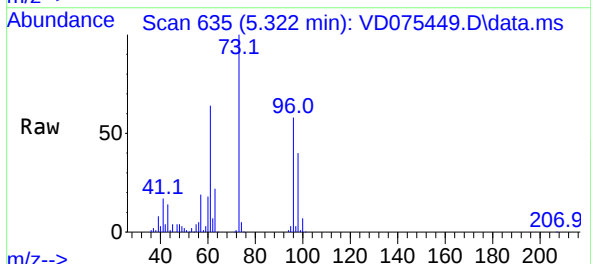
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

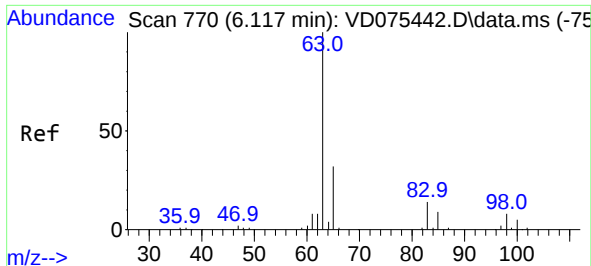
Tgt Ion: 96 Resp: 144211
Ion Ratio Lower Upper
96 100
61 107.4 77.8 144.6
98 63.1 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 25.589 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 73 Resp: 255048
Ion Ratio Lower Upper
73 100
43 14.9 12.1 18.1
57 0.0 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 26.430 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

Instrument :

MSVOA_D

ClientSampleId :

VSTD025106

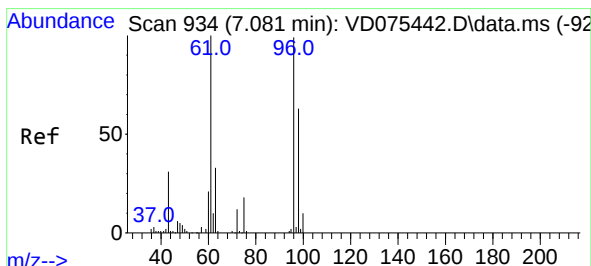
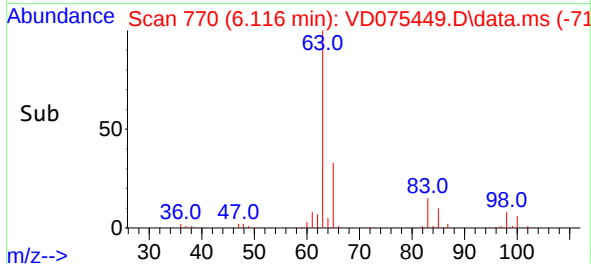
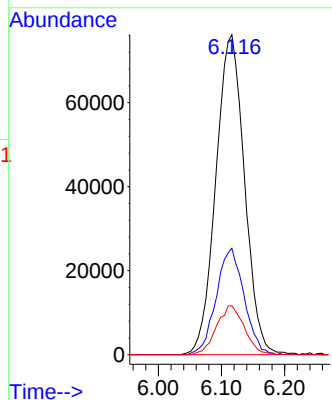
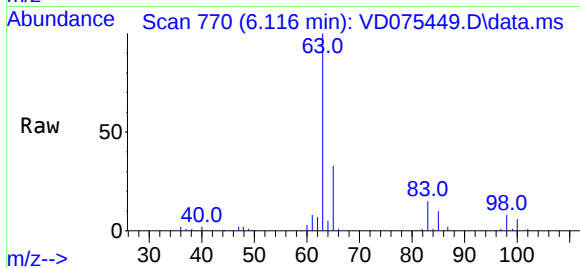
Tgt Ion: 63 Resp: 239792

Ion Ratio Lower Upper

63 100

65 33.2 21.1 39.3

83 15.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 27.687 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

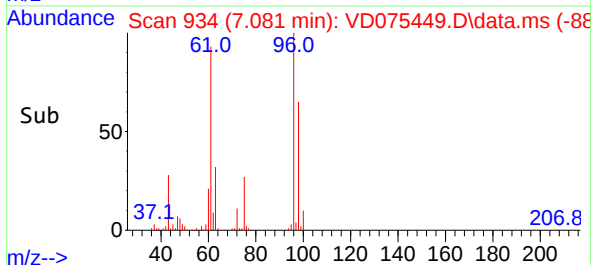
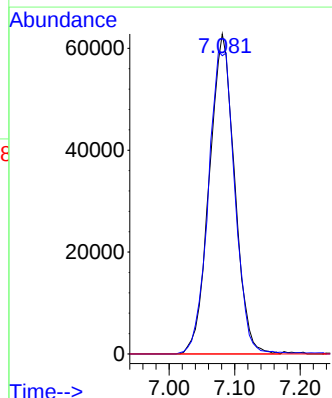
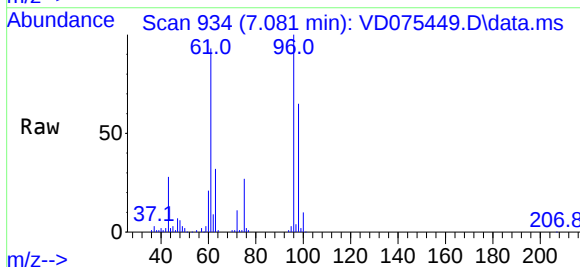
Tgt Ion: 96 Resp: 167739

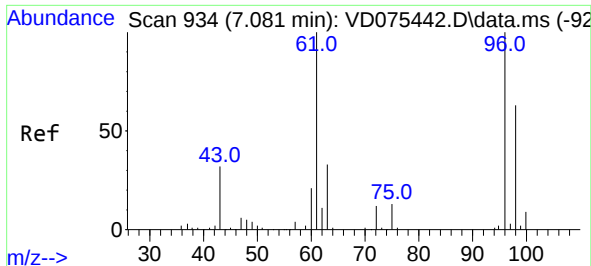
Ion Ratio Lower Upper

96 100

61 93.2 73.9 137.3

68 0.0 0.0 0.0

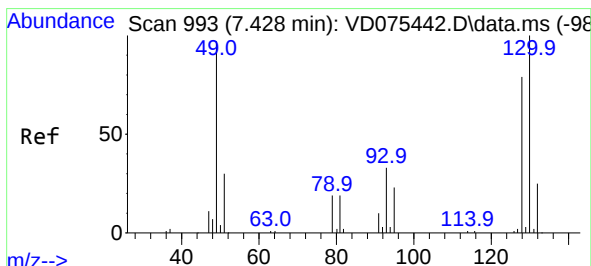
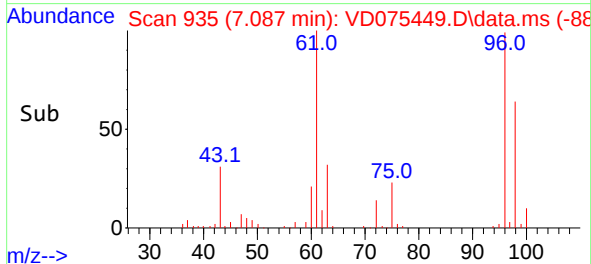
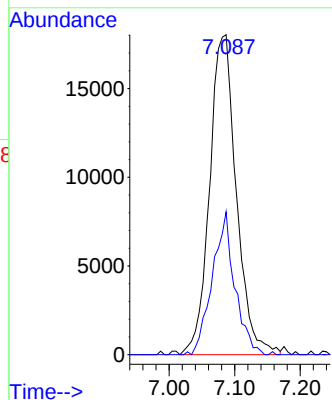
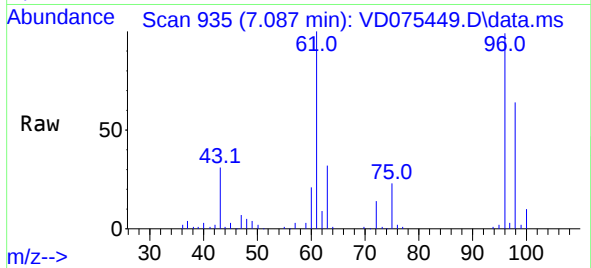




#22
2-Butanone
Concen: 45.959 ug/L
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

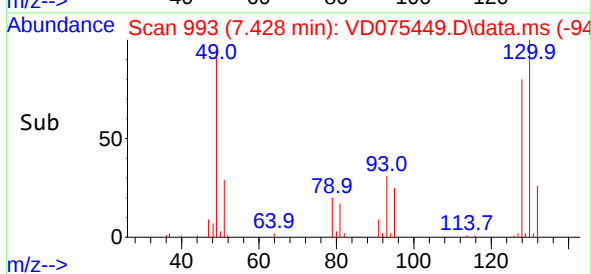
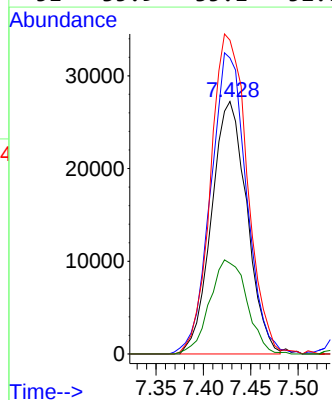
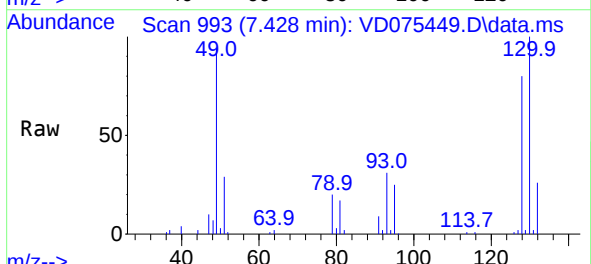
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

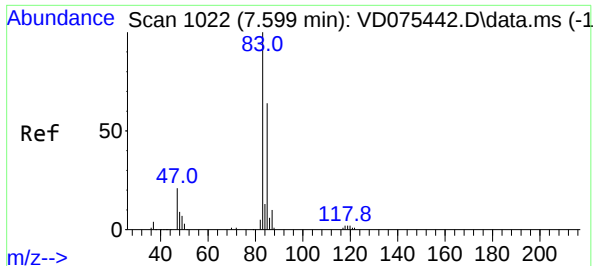
Tgt Ion: 43 Resp: 51188
Ion Ratio Lower Upper
43 100
72 37.3 18.3 54.9



#23
Bromochloromethane
Concen: 27.308 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 128 Resp: 70881
Ion Ratio Lower Upper
128 100
49 117.3 84.2 156.4
130 124.3 82.5 153.1
51 35.9 35.1 52.7





#25

Chloroform

Concen: 26.352 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

Instrument :

MSVOA_D

ClientSampleId :

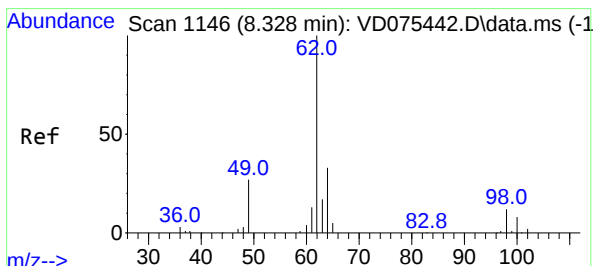
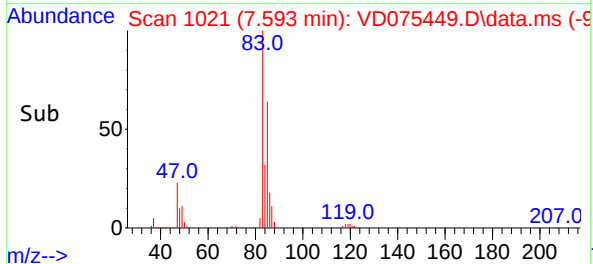
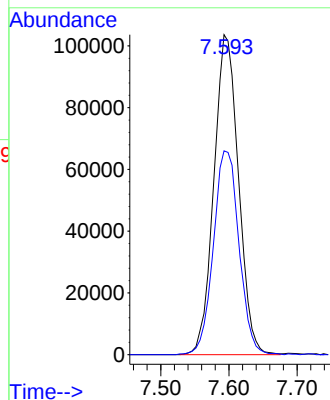
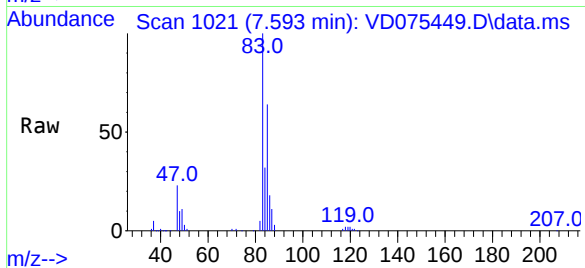
VSTD025106

Tgt Ion: 83 Resp: 260697

Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.3



#27

1,2-Dichloroethane

Concen: 24.505 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075449.D

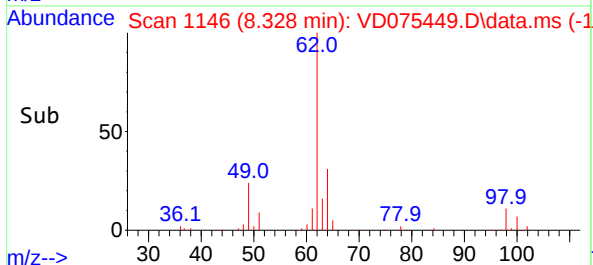
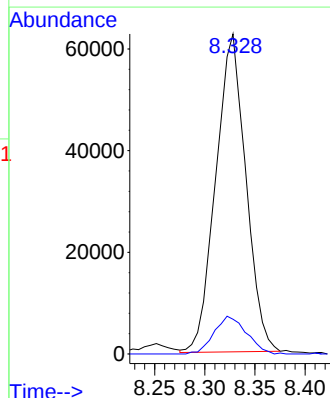
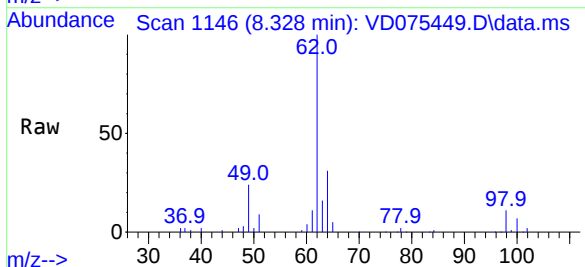
Acq: 06 Mar 2023 09:32

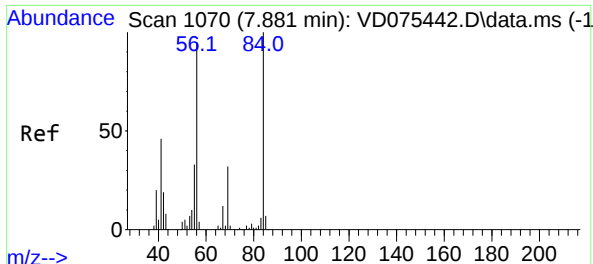
Tgt Ion: 62 Resp: 130731

Ion Ratio Lower Upper

62 100

98 10.8 8.8 13.2

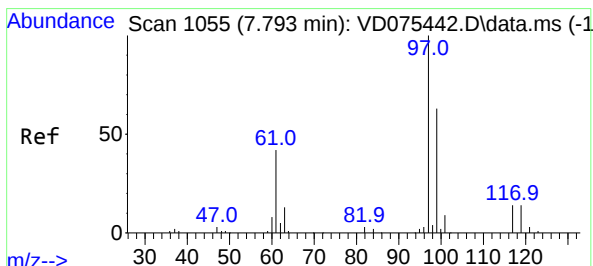
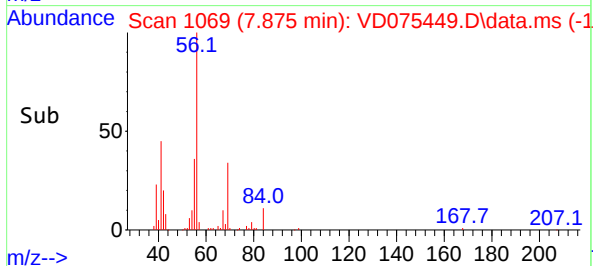
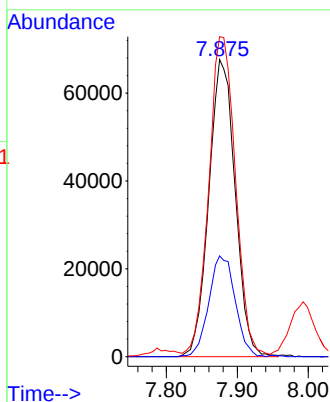
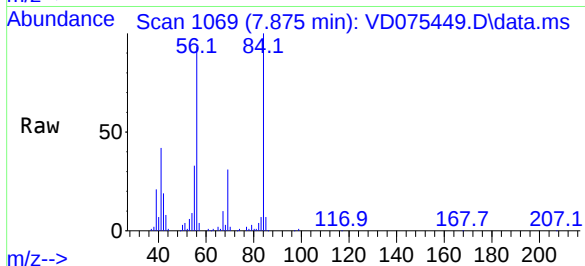




#29
Cyclohexane
Concen: 27.749 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

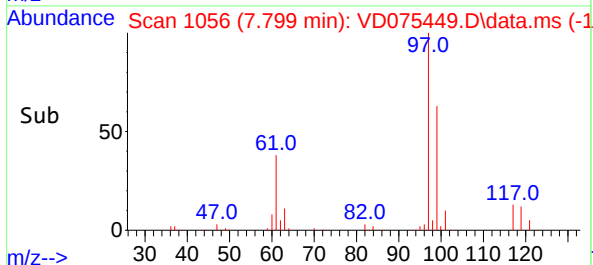
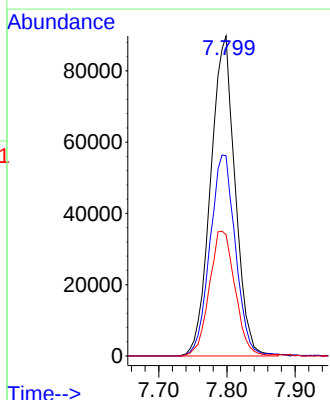
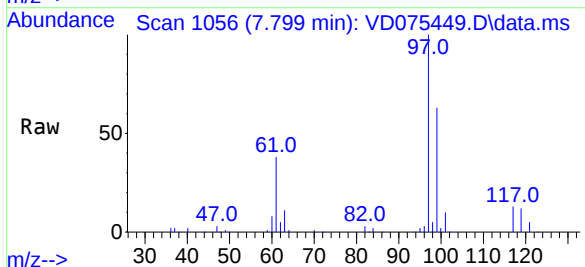
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

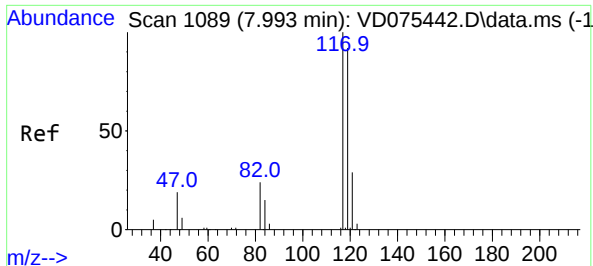
Tgt Ion: 56 Resp: 174262
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 109.7 85.0 127.6



#30
1,1,1-Trichloroethane
Concen: 28.430 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 97 Resp: 224356
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 41.0 34.0 51.0

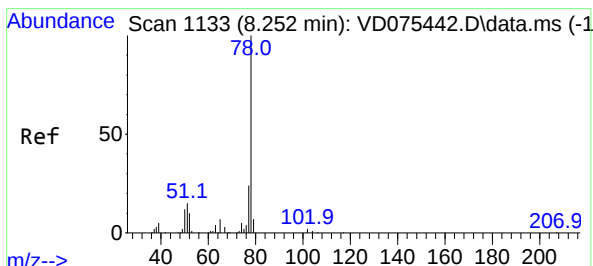
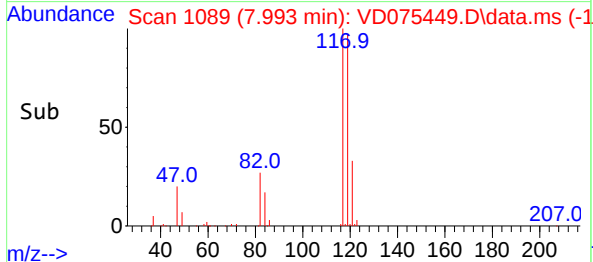
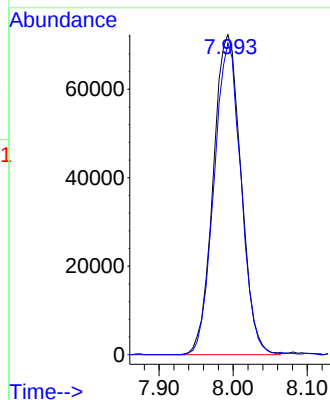
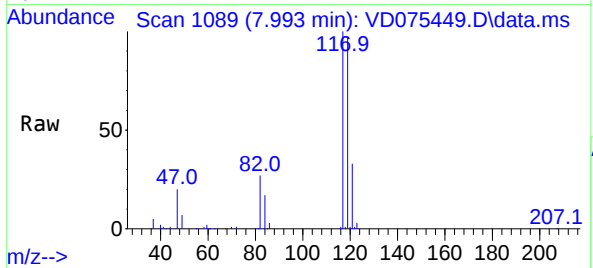




#31
Carbon tetrachloride
Concen: 30.021 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

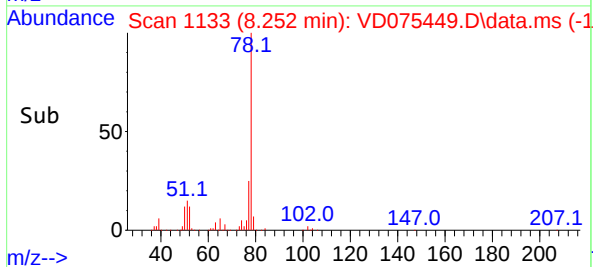
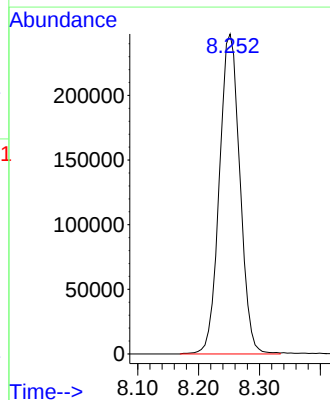
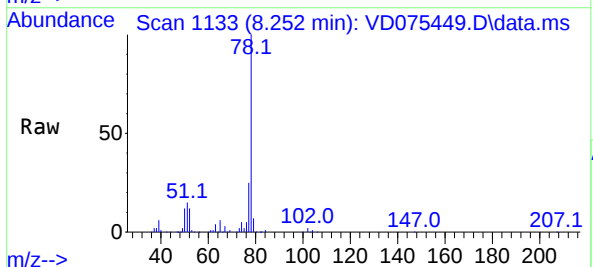
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

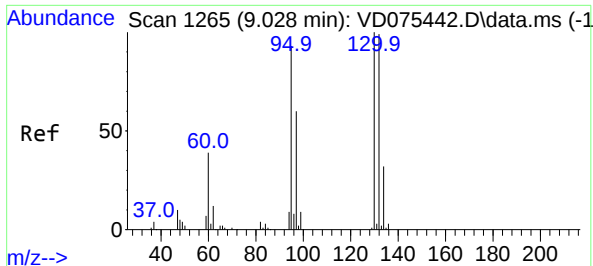
Tgt Ion:117 Resp: 188170
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2



#33
Benzene
Concen: 27.484 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 78 Resp: 579701

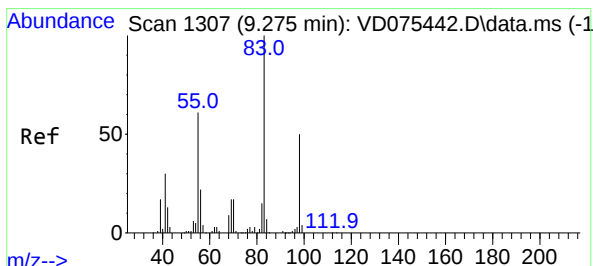
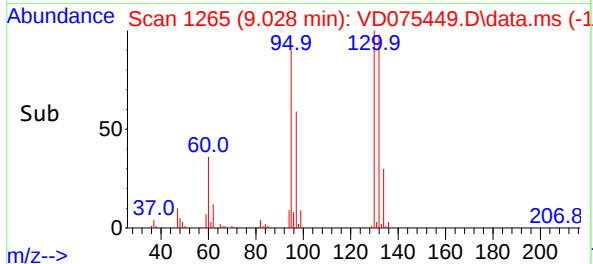
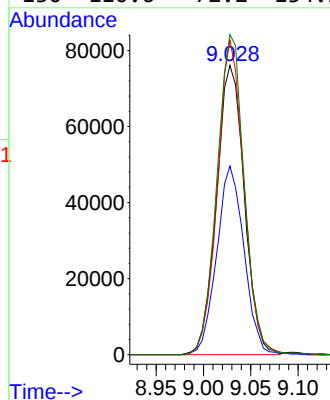
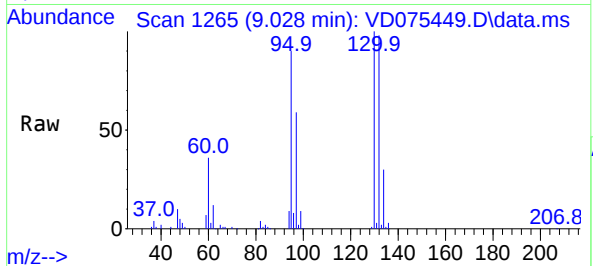




#34
Trichloroethene
Concen: 28.199 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

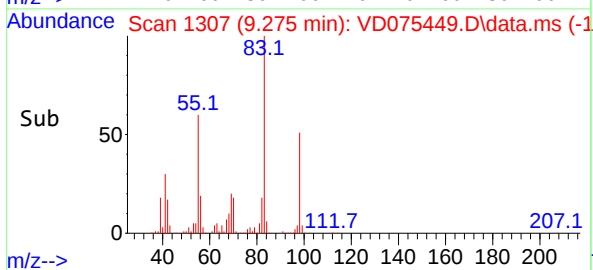
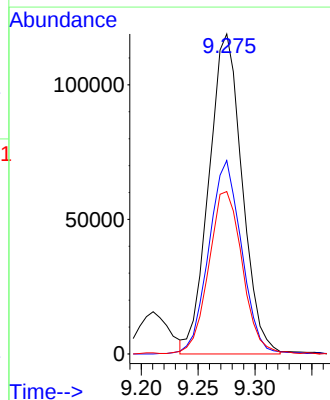
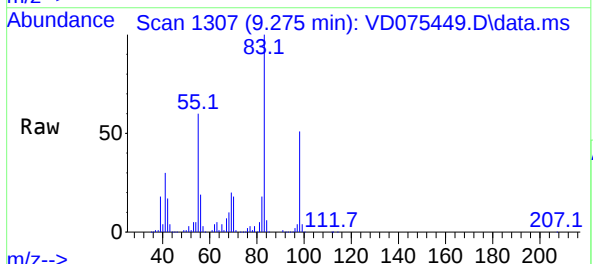
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

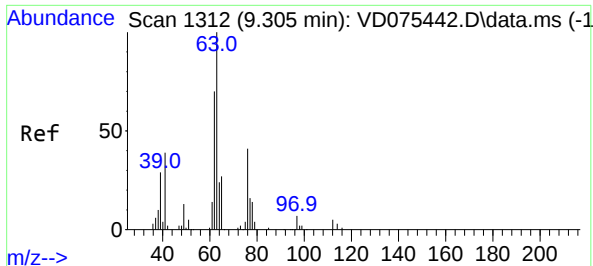
Tgt Ion: 95 Resp: 155329
Ion Ratio Lower Upper
95 100
97 65.2 44.7 83.1
132 108.7 70.0 130.0
130 110.6 72.2 134.2



#35
Methylcyclohexane
Concen: 28.116 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 83 Resp: 241777
Ion Ratio Lower Upper
83 100
55 59.7 49.3 73.9
98 51.6 39.8 59.6

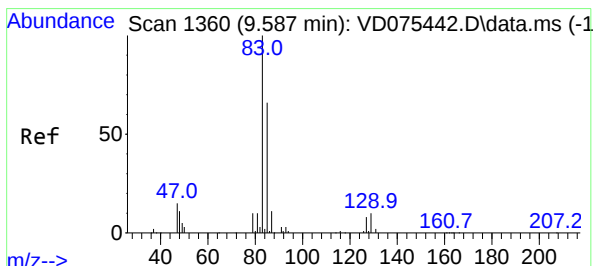
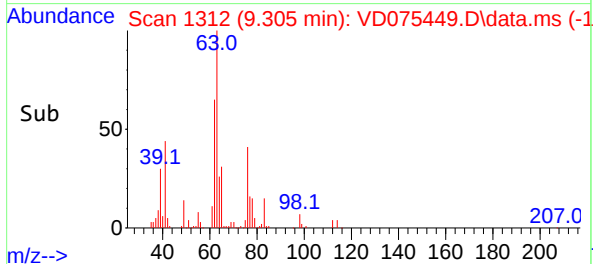
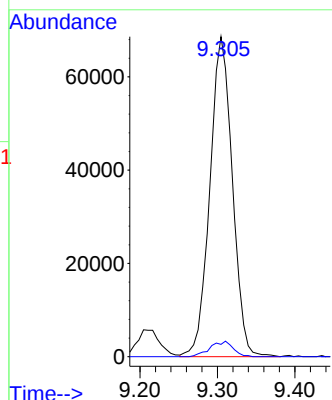
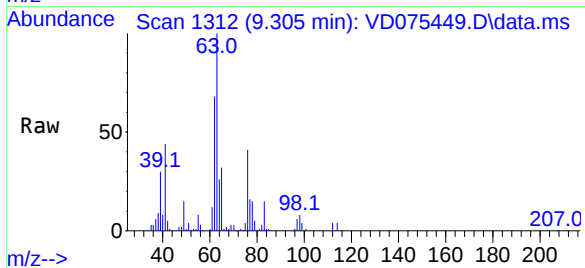




#37
1,2-Dichloropropane
Concen: 26.769 ug/L
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

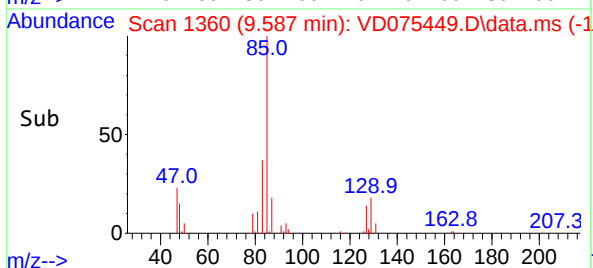
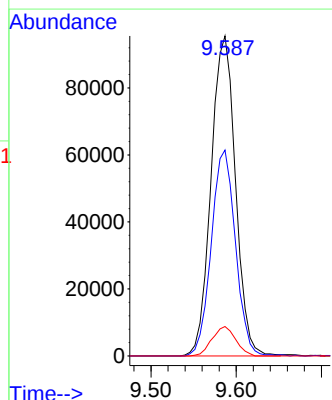
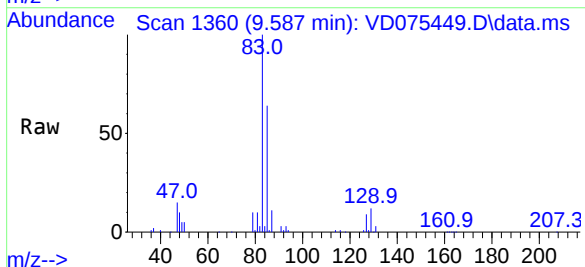
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

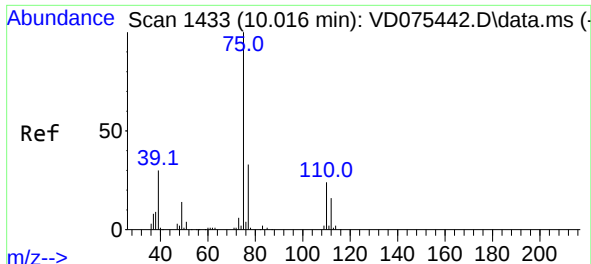
Tgt Ion: 63 Resp: 138743
Ion Ratio Lower Upper
63 100
112 2.2 3.8 5.6#



#38
Bromodichloromethane
Concen: 27.714 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 83 Resp: 190014
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
127 9.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 27.482 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

Instrument :

MSVOA_D

ClientSampleId :

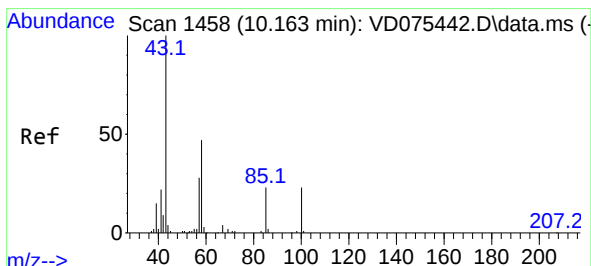
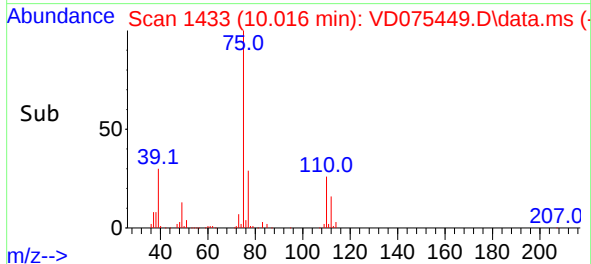
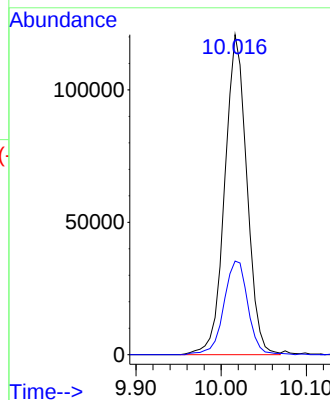
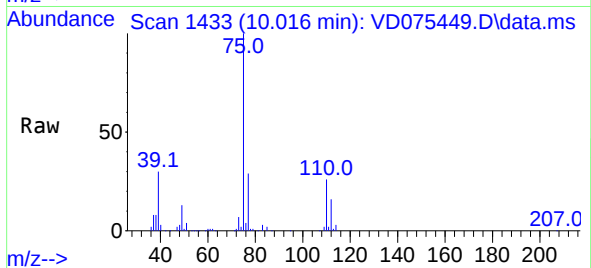
VSTD025106

Tgt Ion: 75 Resp: 217991

Ion Ratio Lower Upper

75 100

77 29.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 49.223 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

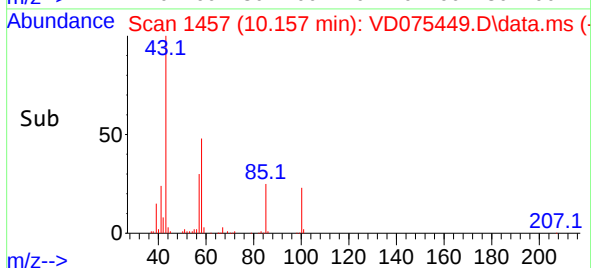
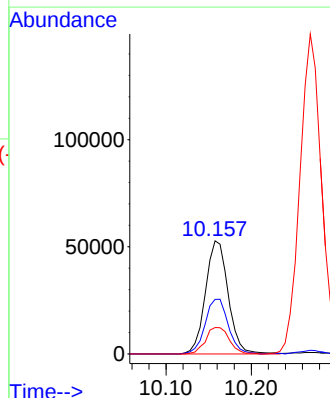
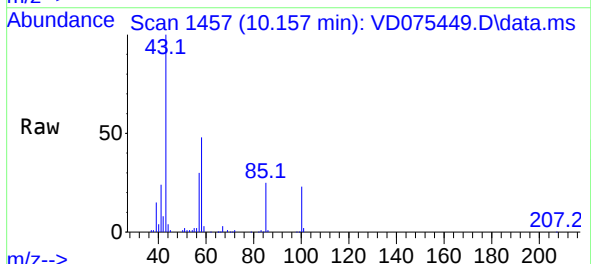
Tgt Ion: 43 Resp: 97839

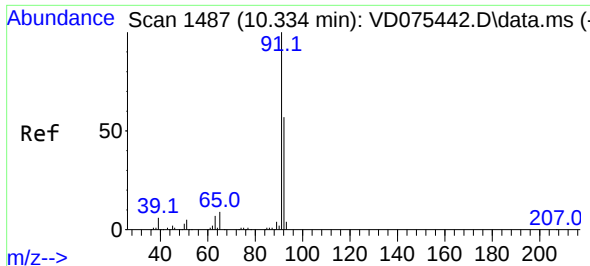
Ion Ratio Lower Upper

43 100

58 49.2 39.0 58.6

100 24.1 18.7 28.1

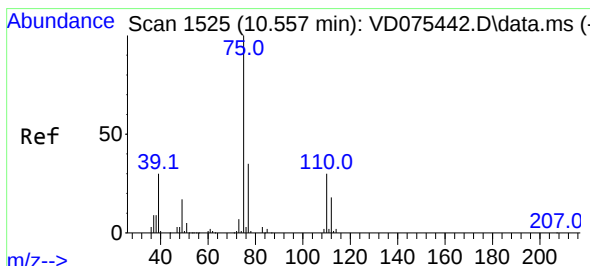
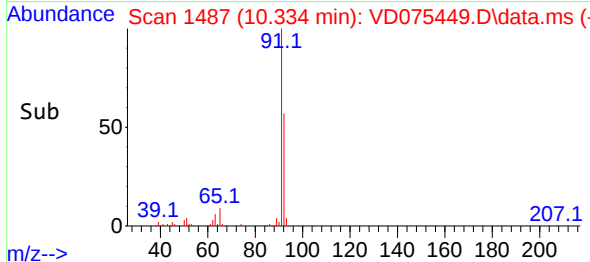
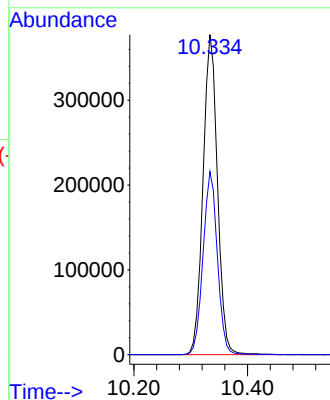
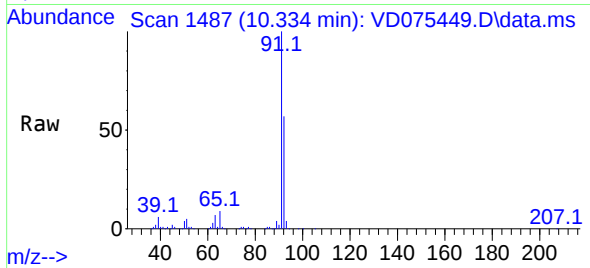




#42
Toluene
Concen: 28.807 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

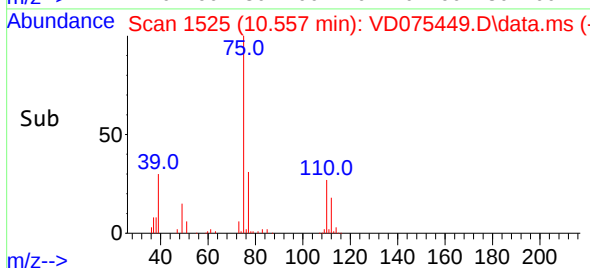
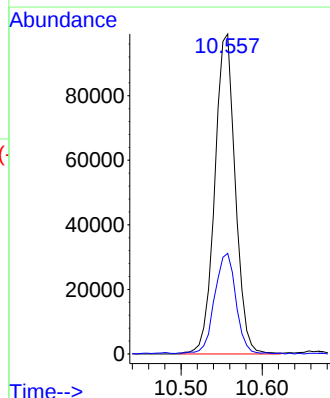
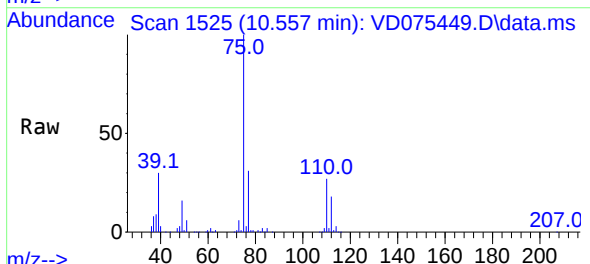
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

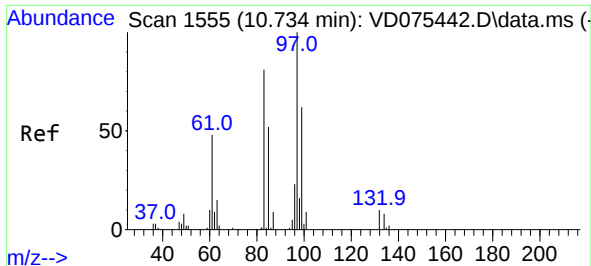
Tgt Ion: 91 Resp: 665197
Ion Ratio Lower Upper
91 100
92 57.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 26.702 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 75 Resp: 174507
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6



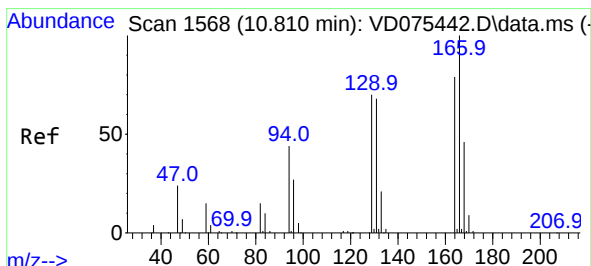
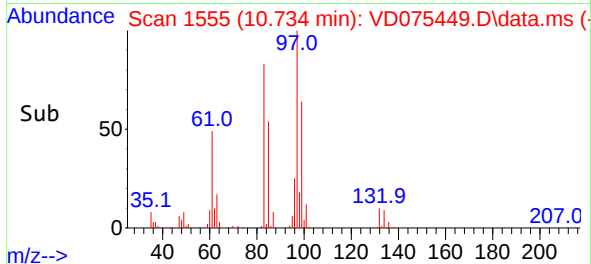
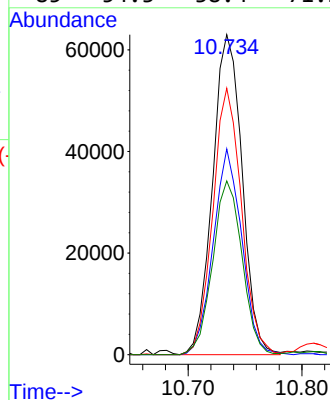
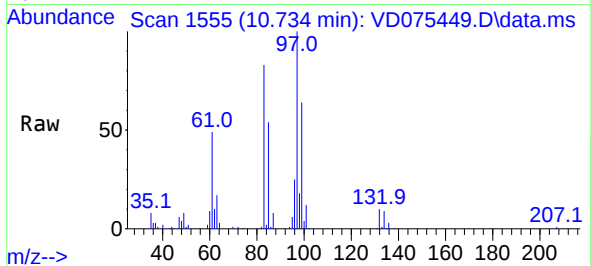


#45
1,1,2-Trichloroethane
Concen: 27.495 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

Tgt Ion: 97 Resp: 113821

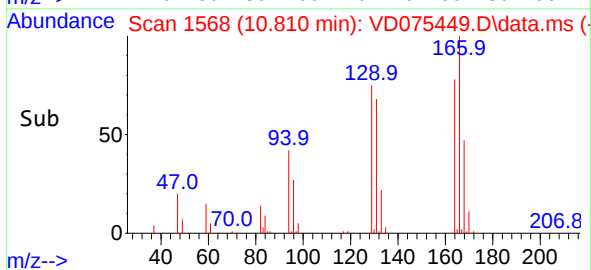
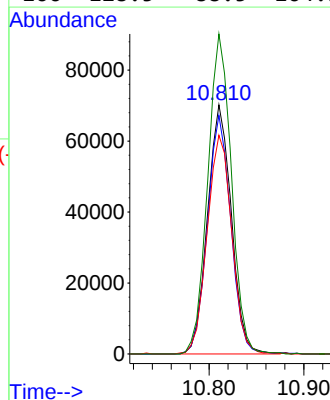
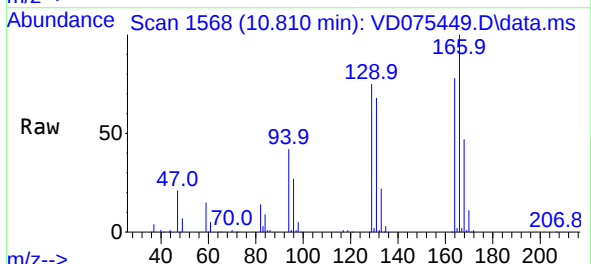
Ion	Ratio	Lower	Upper
97	100		
99	64.3	40.9	76.0
83	83.3	57.7	107.1
85	54.3	38.4	71.2

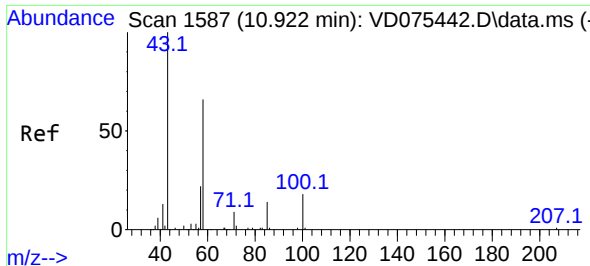


#46
Tetrachloroethene
Concen: 29.136 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 164 Resp: 122980

Ion	Ratio	Lower	Upper
164	100		
129	95.8	65.4	121.4
131	87.8	64.1	119.1
166	128.5	88.5	164.3

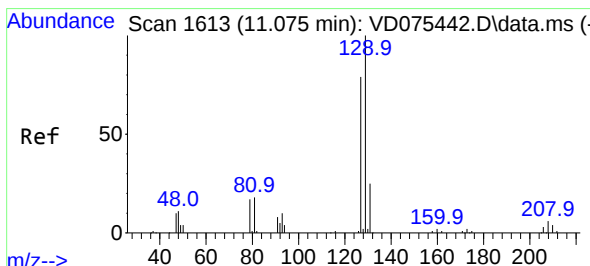
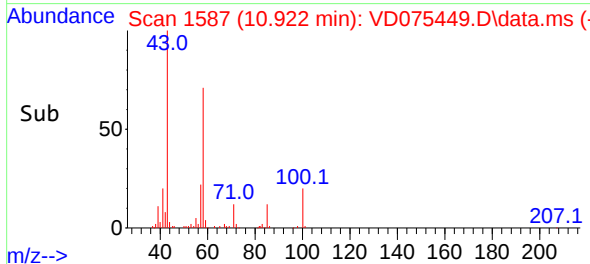
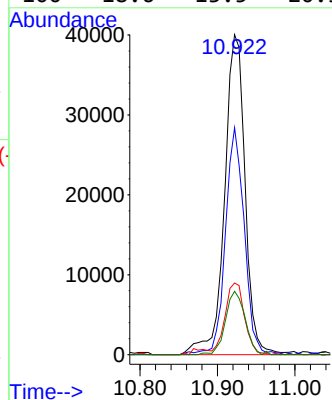
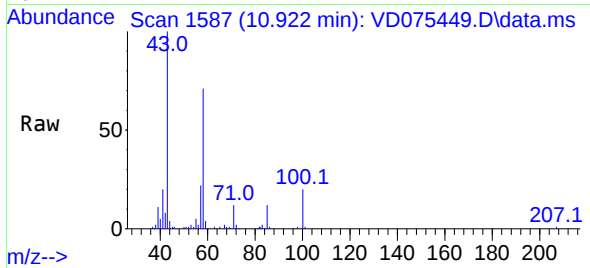




#48
2-Hexanone
Concen: 50.506 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

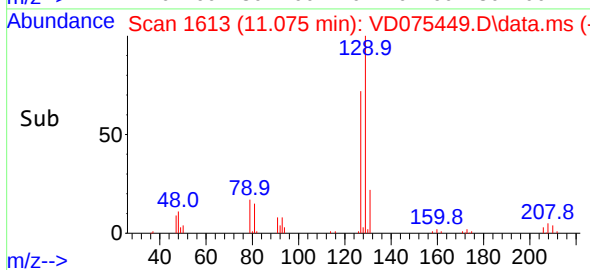
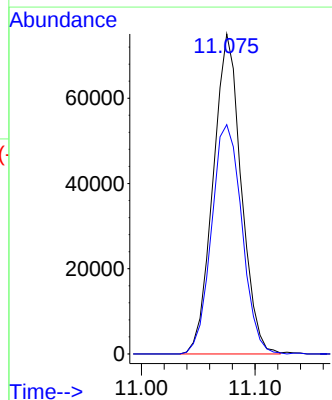
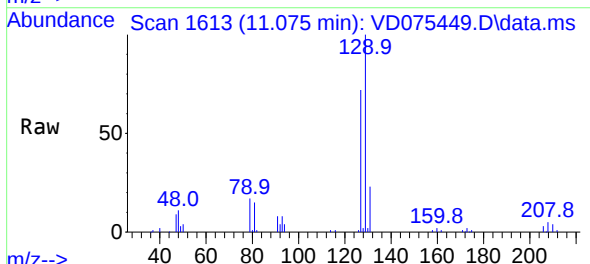
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

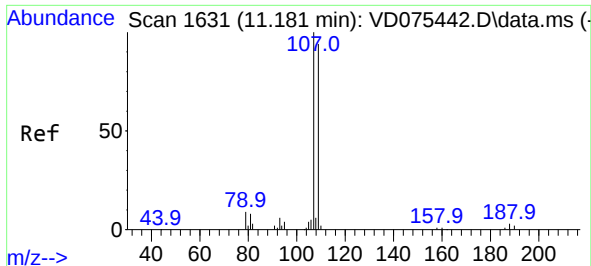
Tgt Ion: 43	Resp: 73861
Ion Ratio	Lower Upper
43 100	
58 64.0	53.1 79.7
57 21.1	16.7 25.1
100 18.6	13.5 20.3



#49
Dibromochloromethane
Concen: 28.531 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion:129	Resp: 129020		
Ion Ratio	Lower	Upper	
129 100			
127 71.7	53.7	99.7	

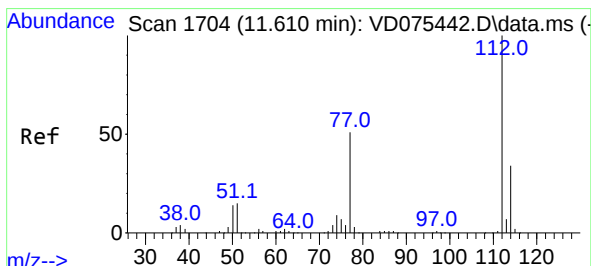
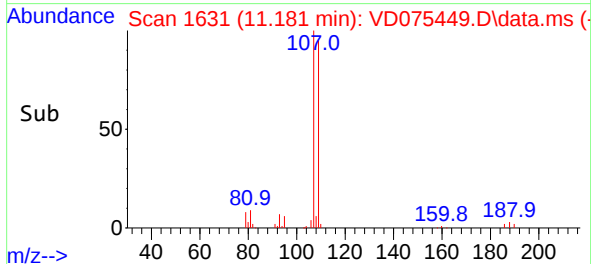
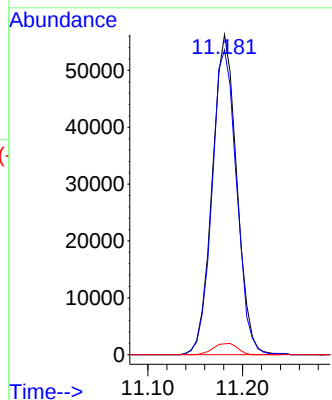
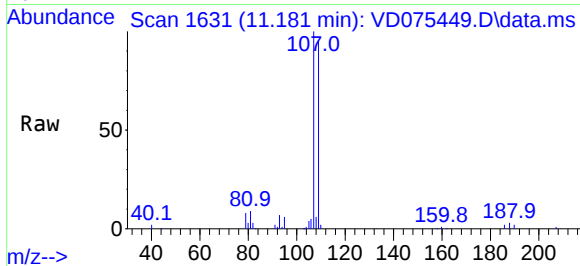




#50
1,2-Dibromoethane
Concen: 26.957 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

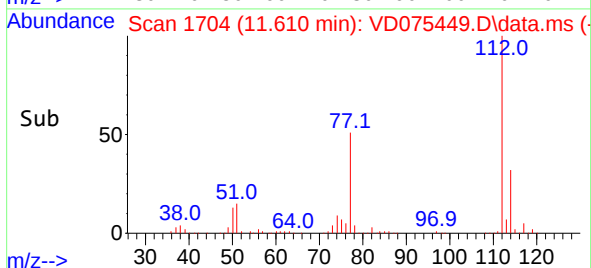
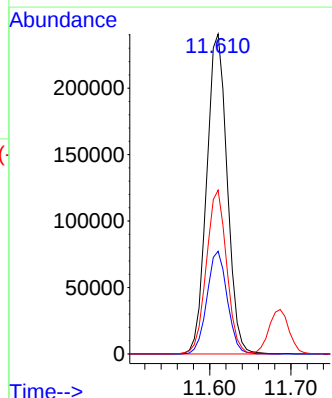
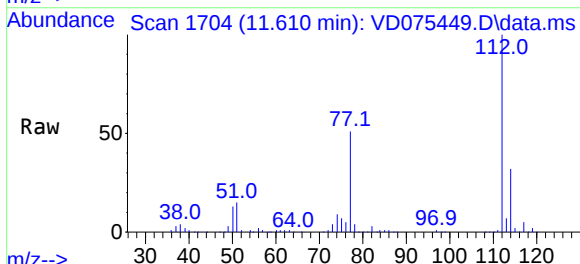
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

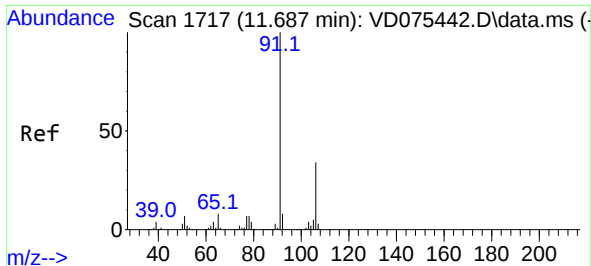
Tgt Ion:107 Resp: 100875
Ion Ratio Lower Upper
107 100
109 95.3 64.2 119.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 28.108 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion:112 Resp: 421866
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 51.2 40.2 60.2

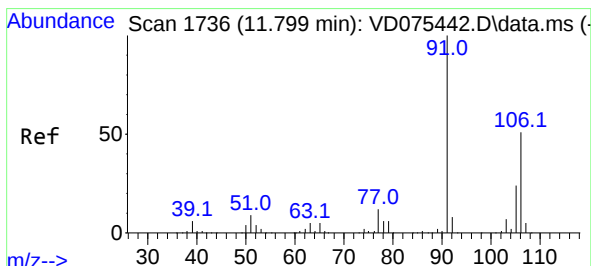
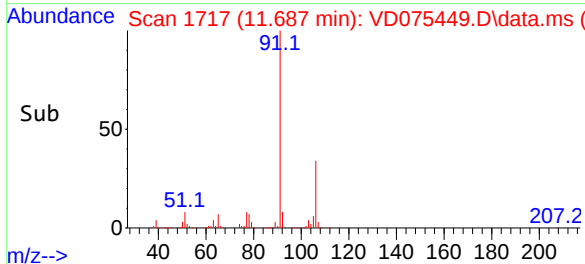
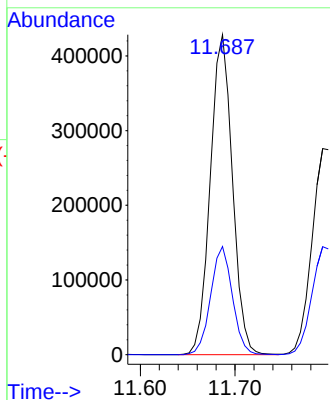
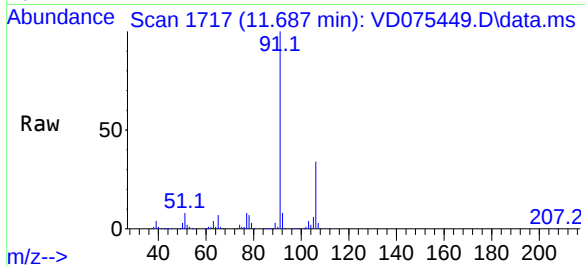




#52
Ethylbenzene
Concen: 28.414 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

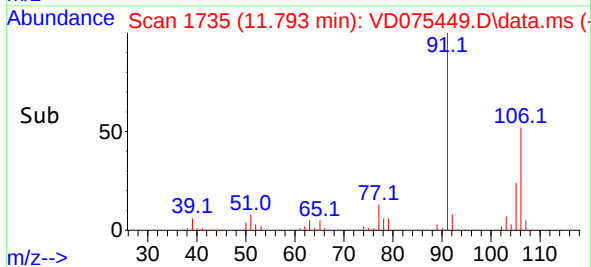
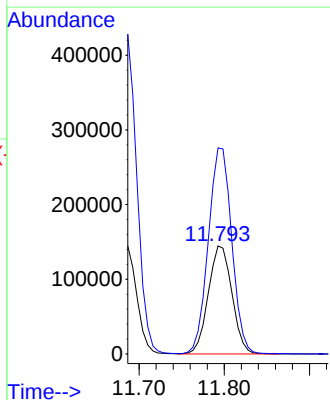
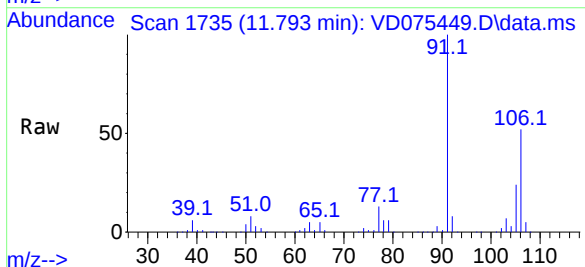
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

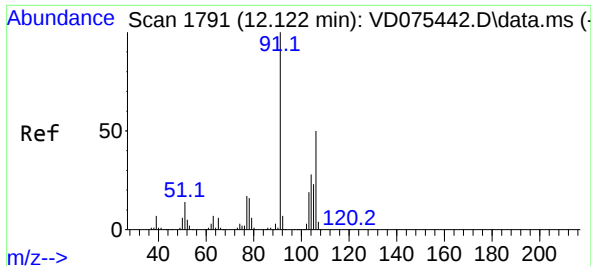
Tgt Ion: 91 Resp: 697743
Ion Ratio Lower Upper
91 100
106 33.8 23.1 42.9



#53
m,p-Xylene
Concen: 28.729 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 106 Resp: 277954
Ion Ratio Lower Upper
106 100
91 190.8 134.1 249.1

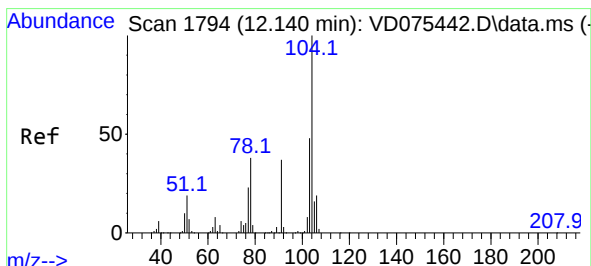
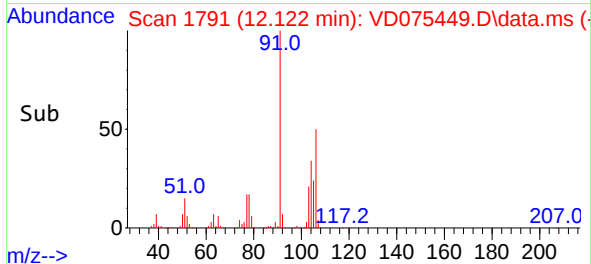
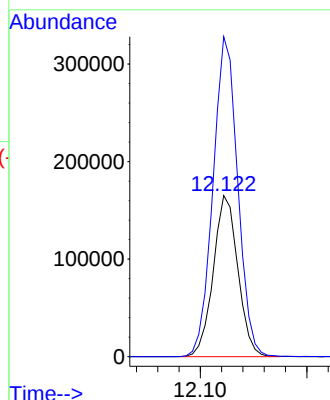
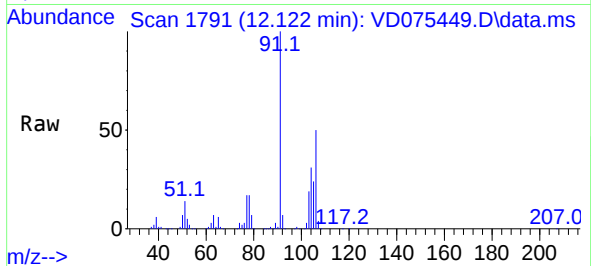




#54
o-Xylene
Concen: 28.917 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

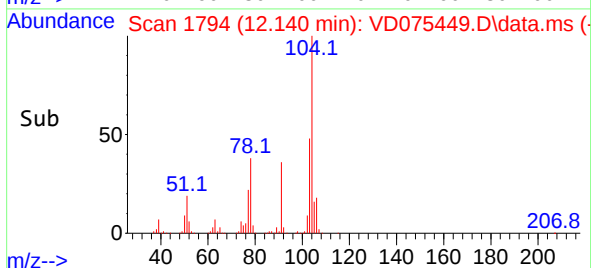
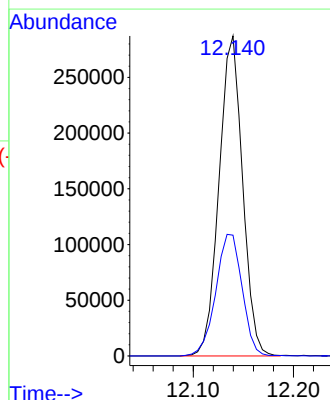
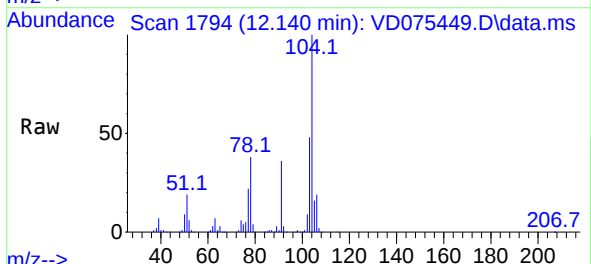
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

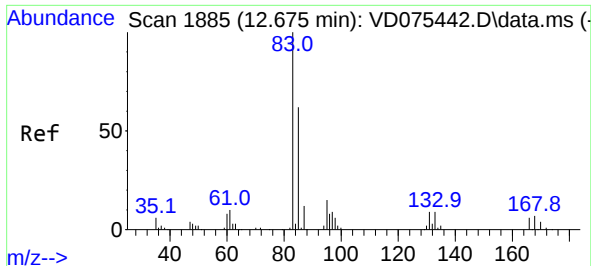
Tgt Ion:106 Resp: 264652
Ion Ratio Lower Upper
106 100
91 198.5 142.3 264.3



#55
Styrene
Concen: 28.796 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion:104 Resp: 468077
Ion Ratio Lower Upper
104 100
78 37.7 26.0 48.2

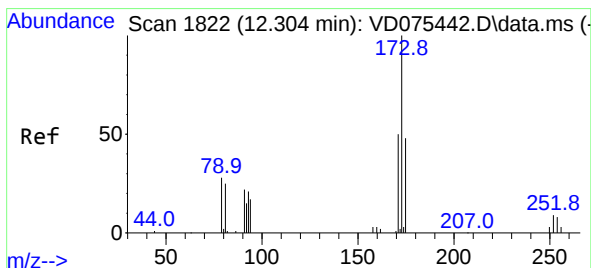
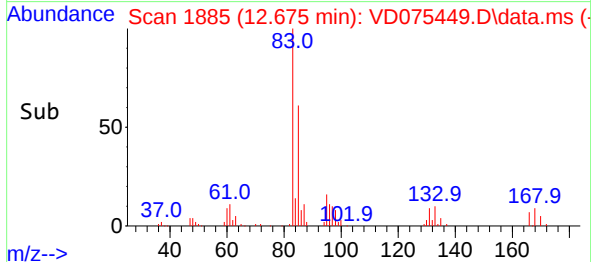
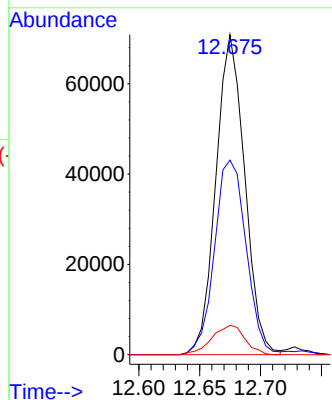
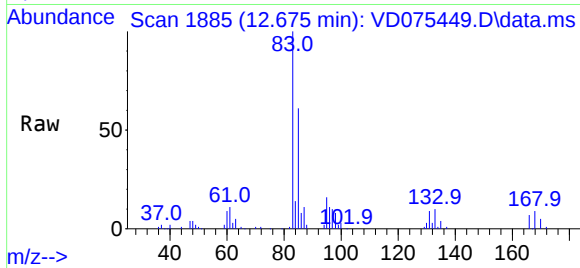




#57
1,1,2,2-Tetrachloroethane
Concen: 25.804 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

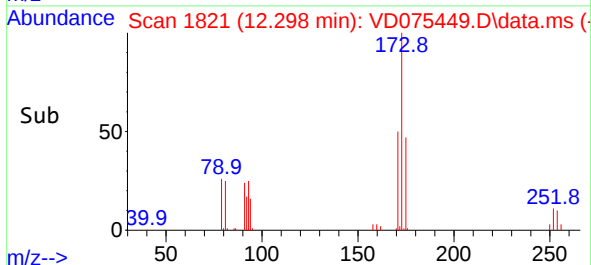
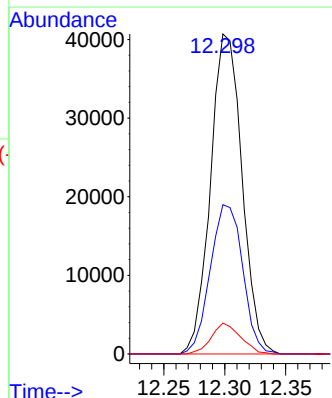
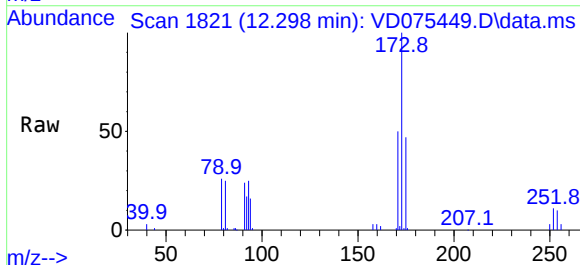
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

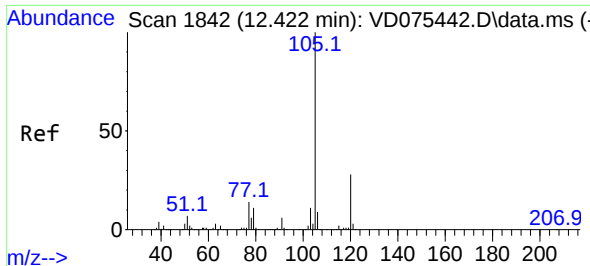
Tgt Ion: 83 Resp: 116913
Ion Ratio Lower Upper
83 100
85 60.8 46.3 85.9
131 9.2 8.1 12.1



#59
Bromoform
Concen: 27.411 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 173 Resp: 73405
Ion Ratio Lower Upper
173 100
175 47.9 39.3 58.9
254 8.9 7.3 10.9



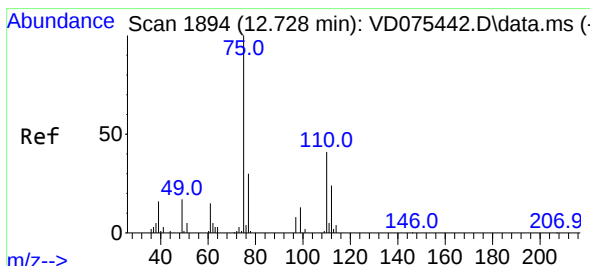
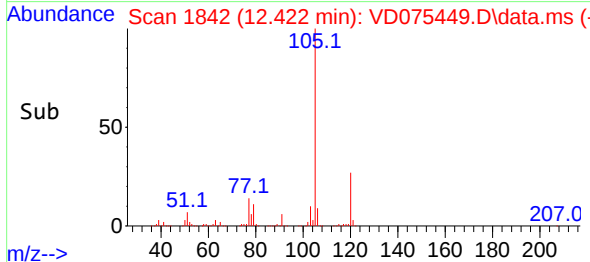
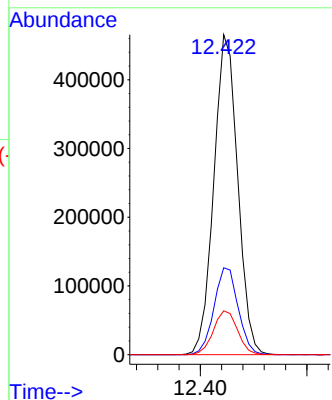
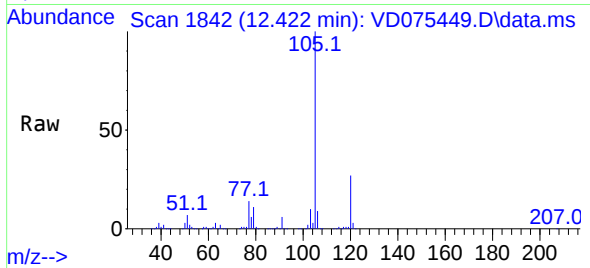


#60
Isopropylbenzene
Concen: 28.949 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

Tgt Ion:105 Resp: 722573

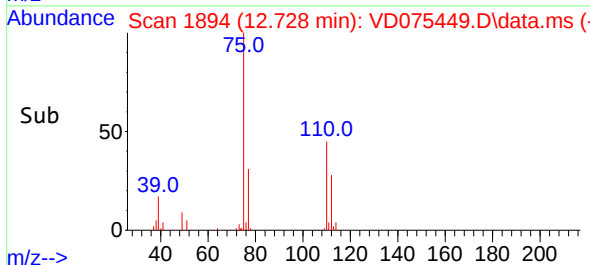
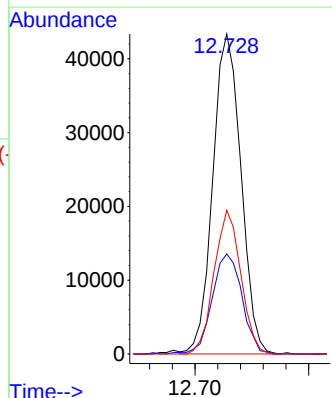
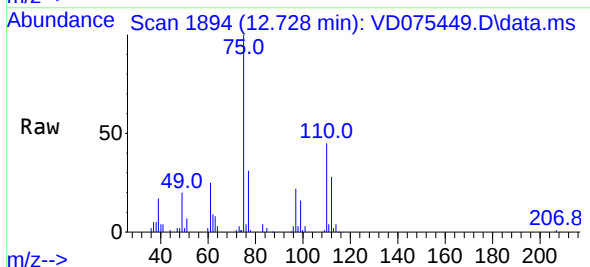
Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.8	32.6
77	13.9	11.3	16.9

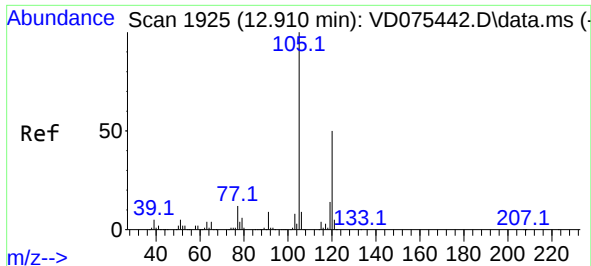


#61
1,2,3-Trichloropropane
Concen: 25.068 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 75 Resp: 74577

Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.2	39.4
110	42.7	33.2	49.8

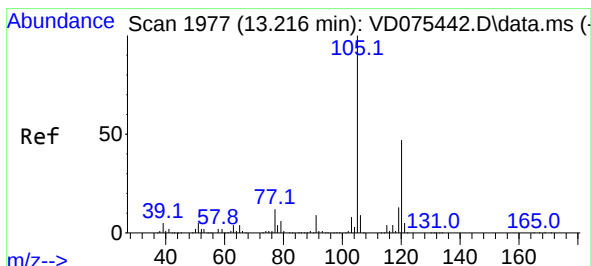
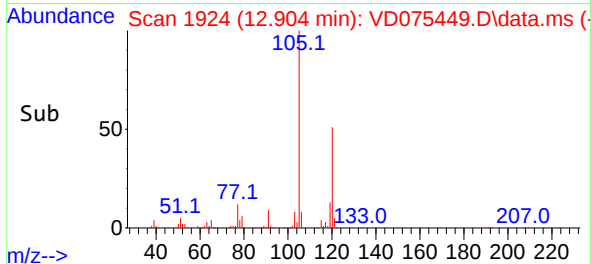
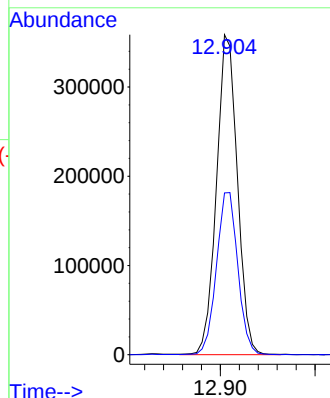
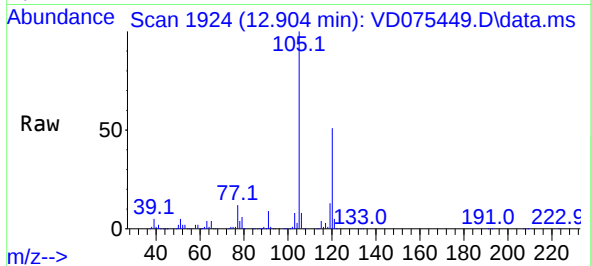




#62
1,3,5-Trimethylbenzene
Concen: 29.370 ug/L
RT: 12.904 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

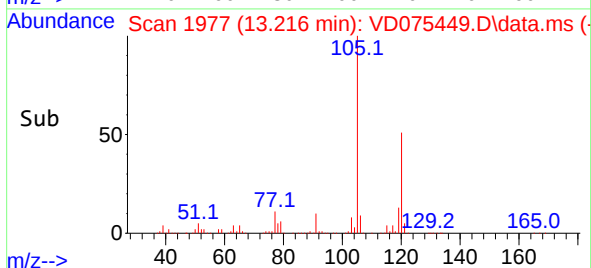
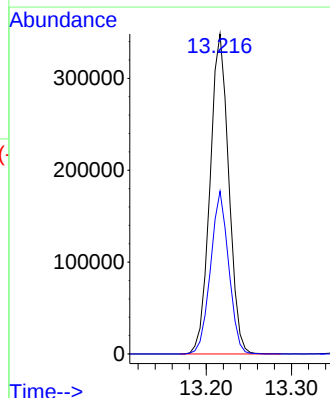
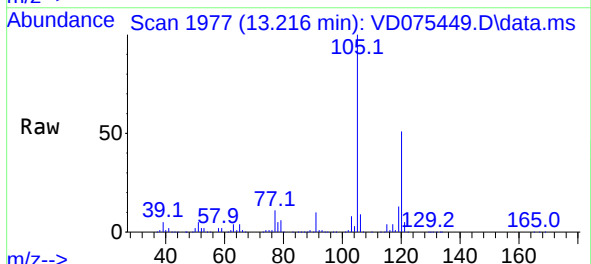
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

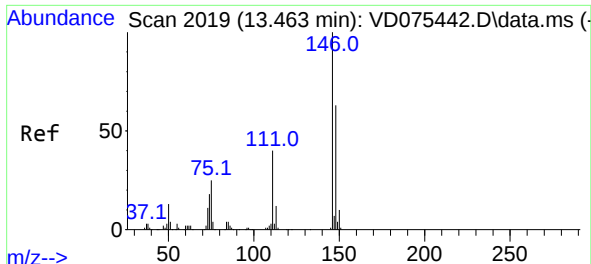
Tgt Ion:105 Resp: 550298
Ion Ratio Lower Upper
105 100
120 51.7 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 29.031 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion:105 Resp: 531875
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 28.264 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

Instrument :

MSVOA_D

ClientSampleId :

VSTD025106

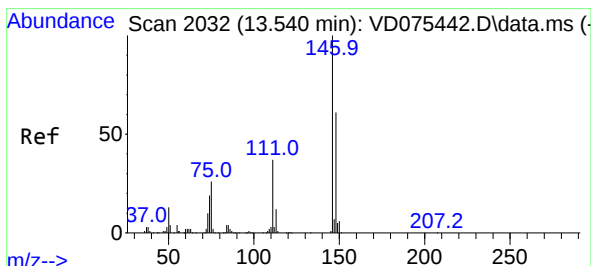
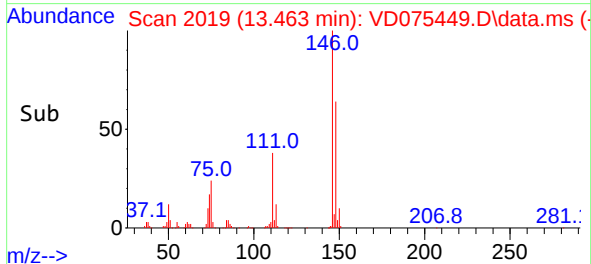
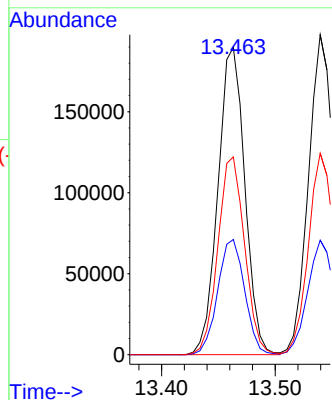
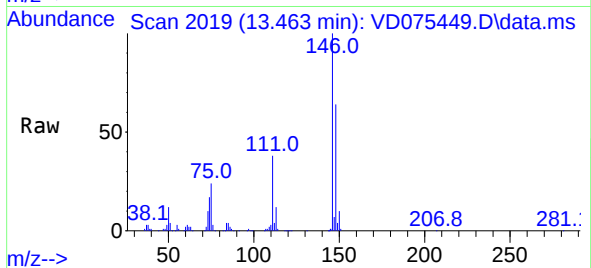
Tgt Ion:146 Resp: 312075

Ion Ratio Lower Upper

146 100

111 37.5 26.0 48.2

148 64.4 42.4 78.6



#65

1,4-Dichlorobenzene

Concen: 27.623 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

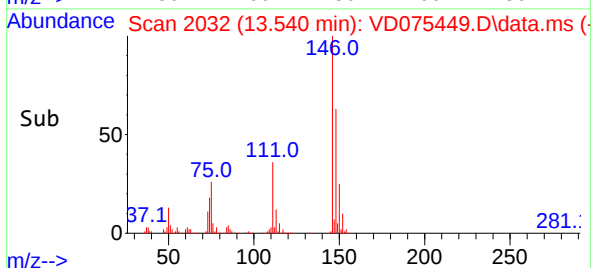
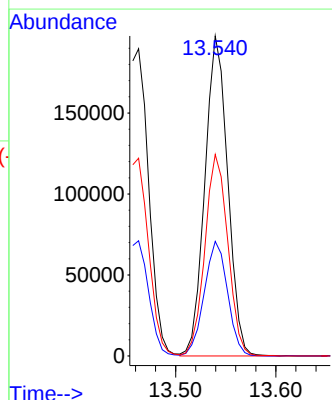
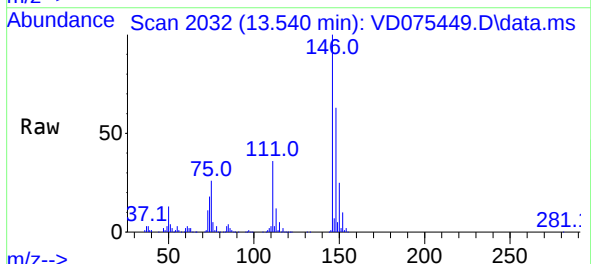
Tgt Ion:146 Resp: 313736

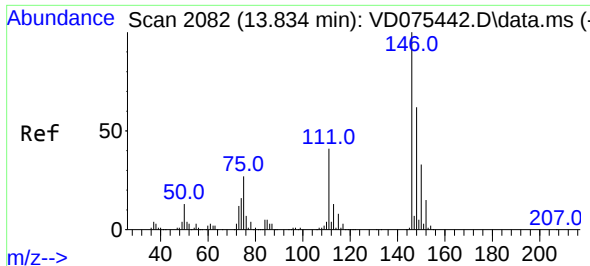
Ion Ratio Lower Upper

146 100

111 35.8 24.8 46.1

148 63.0 45.6 84.6

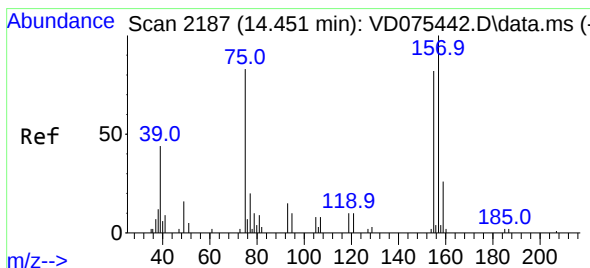
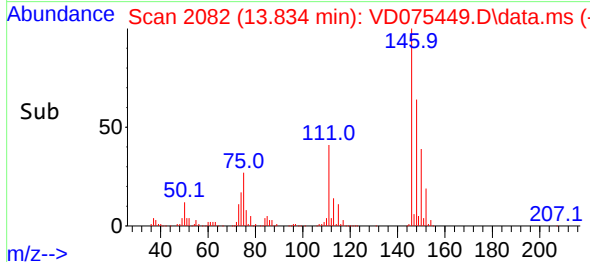
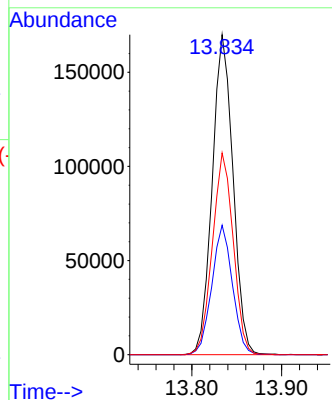
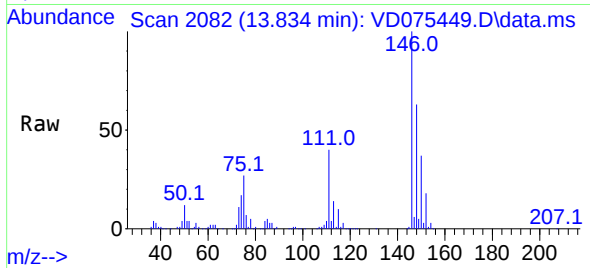




#67
1,2-Dichlorobenzene
Concen: 27.780 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

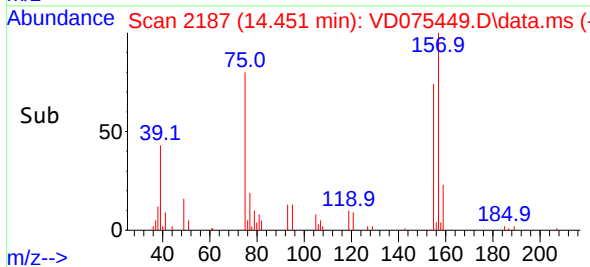
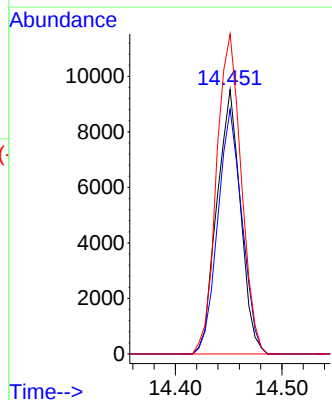
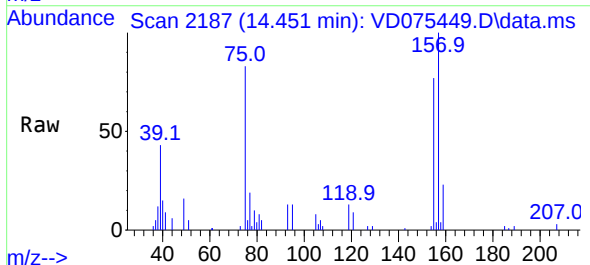
Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

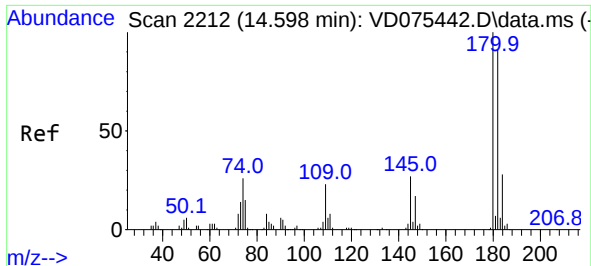
Tgt Ion:146 Resp: 273296
Ion Ratio Lower Upper
146 100
111 40.4 31.0 46.6
148 63.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.380 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion: 75 Resp: 14663
Ion Ratio Lower Upper
75 100
155 92.6 71.3 106.9
157 121.0 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 28.302 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. -0.000 min

Lab File: VD075449.D

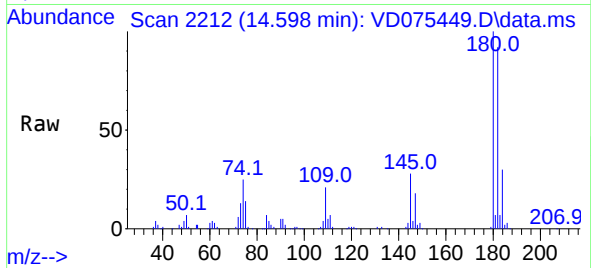
Acq: 06 Mar 2023 09:32

Instrument :

MSVOA_D

ClientSampleId :

VSTD025106



Tgt Ion:180 Resp: 195959

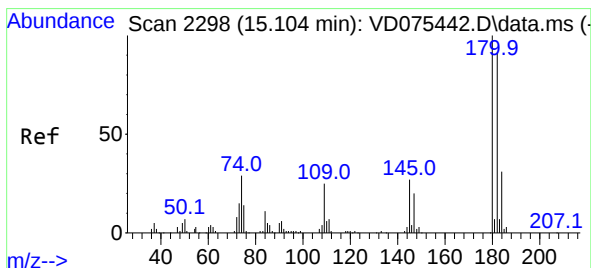
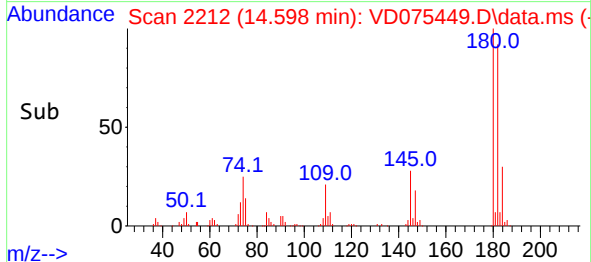
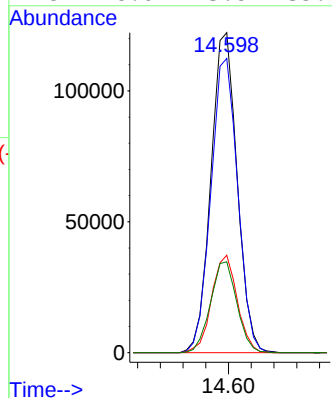
Ion Ratio Lower Upper

180 100

182 93.8 76.5 114.7

184 29.7 23.6 35.4

145 28.6 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 27.892 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075449.D

Acq: 06 Mar 2023 09:32

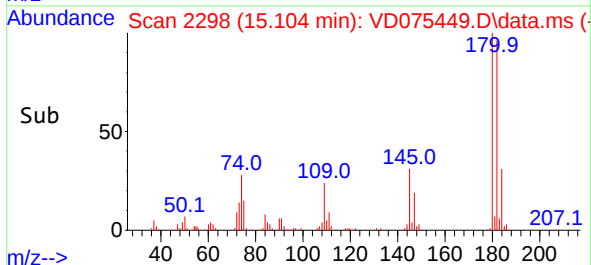
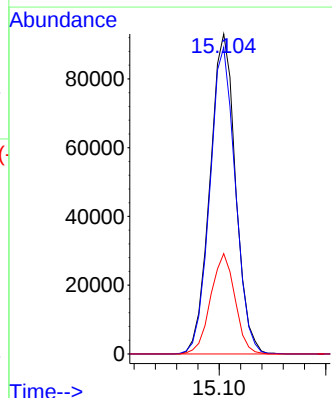
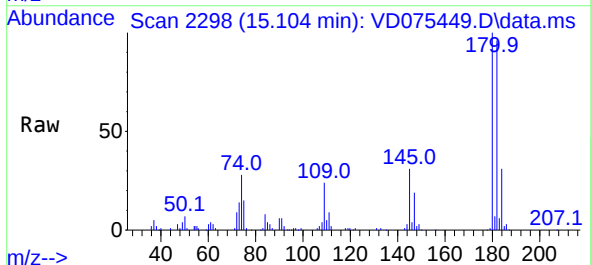
Tgt Ion:180 Resp: 155278

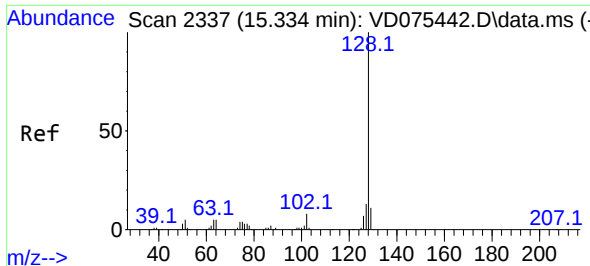
Ion Ratio Lower Upper

180 100

182 95.3 74.3 111.5

145 29.8 23.0 34.6



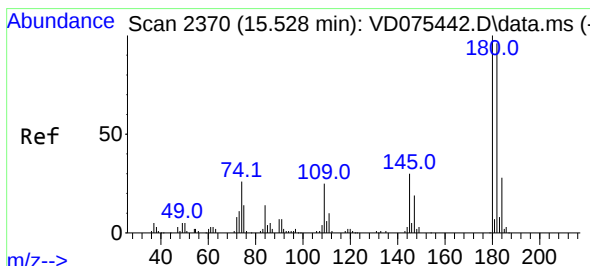
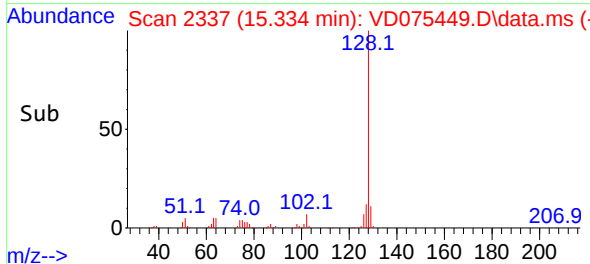
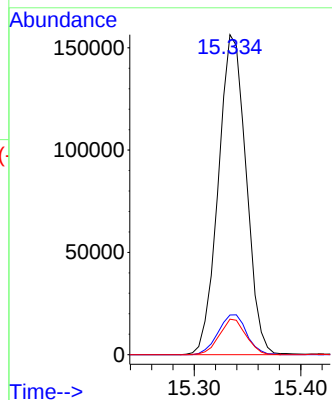
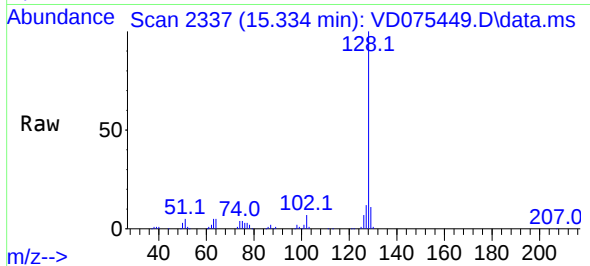


#71
Naphthalene
Concen: 25.663 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Instrument :
MSVOA_D
ClientSampleId :
VSTD025106

Tgt Ion:128 Resp: 283359

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.7	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 27.414 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075449.D
Acq: 06 Mar 2023 09:32

Tgt Ion:180 Resp: 134521

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.3	112.9
145	32.1	25.1	37.7

