

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076077.D
 Acq On : 11 May 2023 13:31
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV151

Quant Time: May 12 02:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	435763	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	392837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	196844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	130257	19.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
7) Chloroethane-d5	2.799	69	122573	20.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.120%
11) 1,1-Dichloroethene-d2	3.917	65	32747	19.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.040%
21) 2-Butanone-d5	6.981	46	42523	47.378	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.760%
24) Chloroform-d	7.569	84	195525	21.417	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	8.228	65	85656	21.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.360%
32) Benzene-d6	8.199	84	380957	21.510	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.040%
36) 1,2-Dichloropropane-d6	9.210	67	119252	21.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.400%
41) Toluene-d8	10.269	98	349471	22.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	10.528	79	44292	21.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.480%
47) 2-Hexanone-d5	10.881	63	37480	46.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104401	22.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	122447	21.775	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	129391	23.741	ug/L	100
3) Chloromethane	2.146	50	189449	24.452	ug/L	99
5) Vinyl chloride	2.281	62	231359	23.391	ug/L	100
6) Bromomethane	2.693	94	135578	22.097	ug/L	98
8) Chloroethane	2.834	64	151511	23.872	ug/L	99
9) Trichlorofluoromethane	3.170	101	188241	23.247	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	133359	23.119	ug/L	96
12) 1,1-Dichloroethene	3.940	96	120443	23.297	ug/L	85
13) Acetone	4.028	43	38289	47.885	ug/L	97
14) Carbon disulfide	4.270	76	385126	23.924	ug/L	100
15) Methyl Acetate	4.564	43	40118	23.327	ug/L #	61
16) Methylene chloride	4.805	84	164929	23.276	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	133466	24.111	ug/L	95
18) Methyl tert-butyl Ether	5.317	73	239113	24.342	ug/L	99
19) 1,1-Dichloroethane	6.111	63	218995	23.211	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	148007	24.120	ug/L	97
22) 2-Butanone	7.081	43	54008	48.344	ug/L	93
23) Bromochloromethane	7.428	128	70420	23.476	ug/L #	90
25) Chloroform	7.599	83	236618	23.488	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076077.D
 Acq On : 11 May 2023 13:31
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

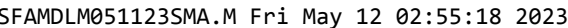
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV151

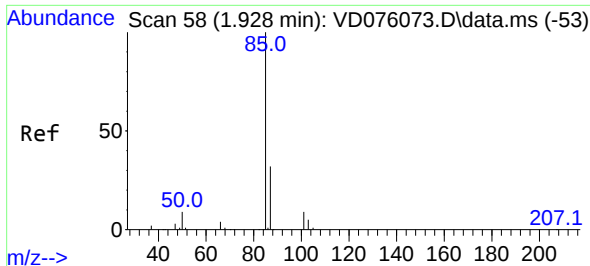
Quant Time: May 12 02:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	129502	24.394	ug/L	96
29) Cyclohexane	7.875	56	162293	24.906	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	187033	23.437	ug/L	98
31) Carbon tetrachloride	7.993	117	152116	24.197	ug/L	99
33) Benzene	8.252	78	543034	24.864	ug/L	100
34) Trichloroethene	9.028	95	132339	23.476	ug/L	96
35) Methylcyclohexane	9.275	83	208860	24.454	ug/L	97
37) 1,2-Dichloropropane	9.305	63	135544	24.332	ug/L	99
38) Bromodichloromethane	9.587	83	170060	23.827	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	197673	24.635	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	113145	50.392	ug/L	97
42) Toluene	10.334	91	593411	25.451	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	166064	24.803	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	105510	23.457	ug/L	92
46) Tetrachloroethene	10.810	164	111154	23.602	ug/L	94
48) 2-Hexanone	10.922	43	85137	52.252	ug/L	90
49) Dibromochloromethane	11.075	129	115664	23.833	ug/L	100
50) 1,2-Dibromoethane	11.181	107	93927	23.645	ug/L	98
51) Chlorobenzene	11.604	112	371942	23.439	ug/L	98
52) Ethylbenzene	11.687	91	603696	24.958	ug/L	97
53) m,p-Xylene	11.793	106	243046	25.768	ug/L	100
54) o-Xylene	12.122	106	227409	25.422	ug/L	96
55) Styrene	12.134	104	405985	25.617	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	117654	23.365	ug/L	99
59) Bromoform	12.299	173	68508	23.950	ug/L	99
60) Isopropylbenzene	12.422	105	584395	26.147	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	75176	23.743	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	442571	25.810	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	431907	26.337	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	282564	24.351	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	291902	24.181	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	252253	23.833	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	14927	23.501	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.593	180	177425	24.063	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	143908	24.661	ug/L	99
71) Naphthalene	15.334	128	273029	24.898	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	136165	25.660	ug/L	97

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

Quant Time: May 12 02:55:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 12 02:22:21 2023
Response via : Initial Calibration

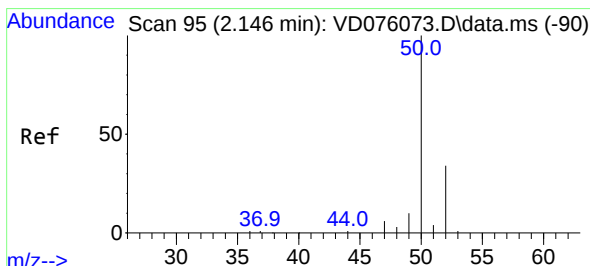
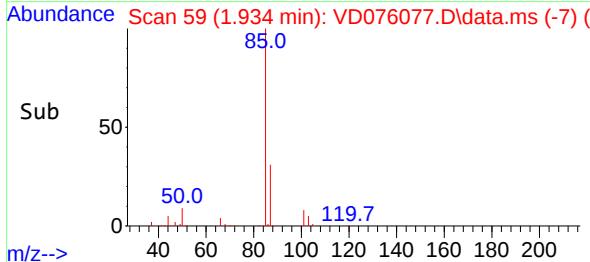
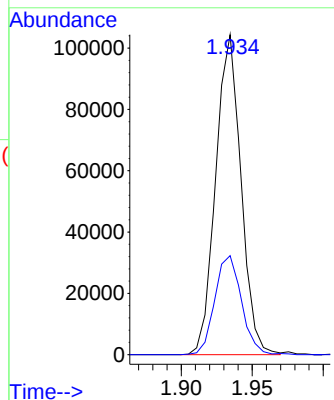
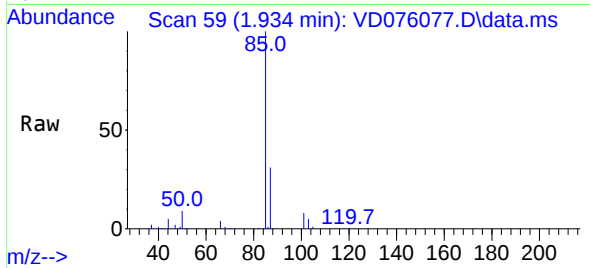




#2
Dichlorodifluoromethane
Concen: 23.741 ug/L
RT: 1.934 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

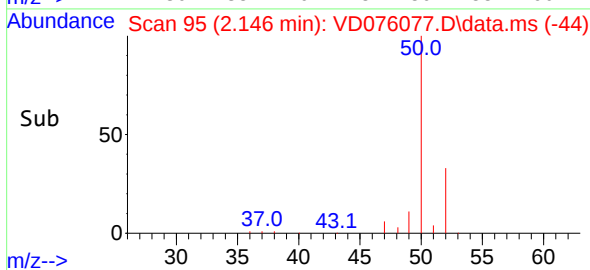
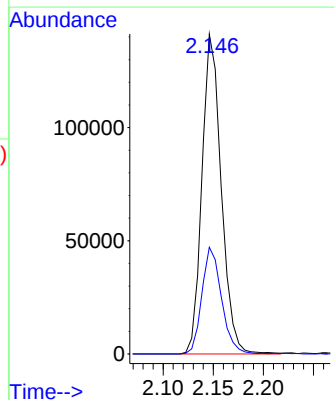
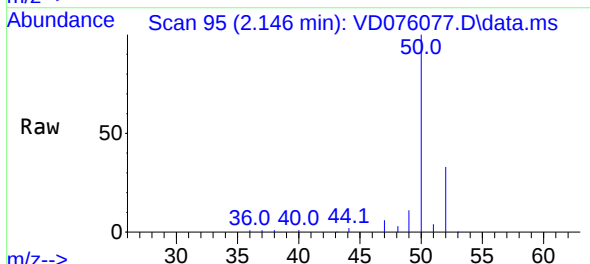
Instrument :
MSVOA_D
ClientSampleId :
VICV151

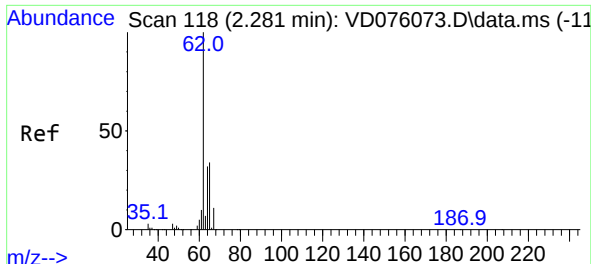
Tgt Ion: 85 Resp: 129391
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 24.452 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 50 Resp: 189449
Ion Ratio Lower Upper
50 100
52 33.4 23.7 44.1

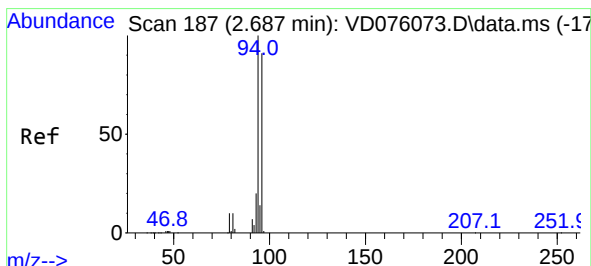
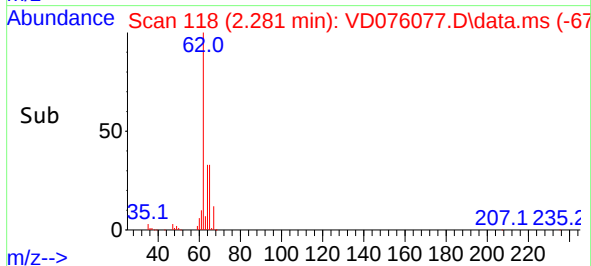
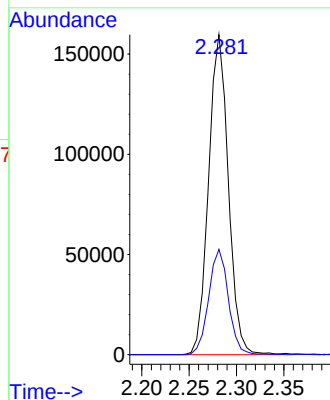
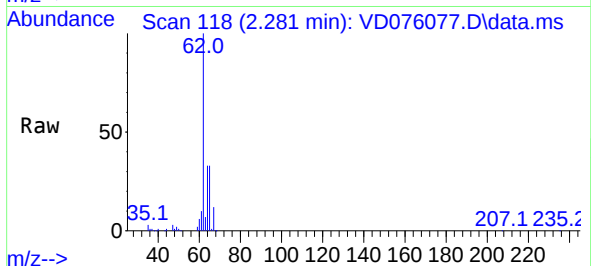




#5
 Vinyl chloride
 Concen: 23.391 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076077.D
 Acq: 11 May 2023 13:31

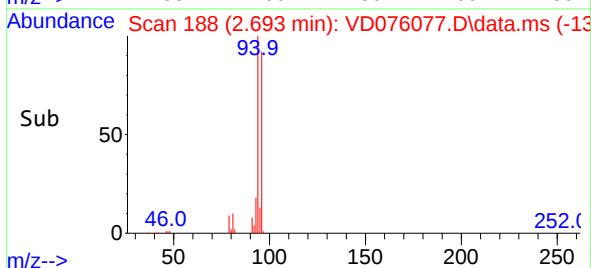
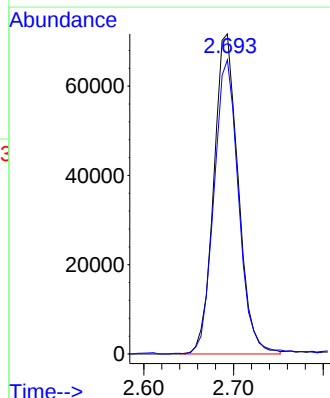
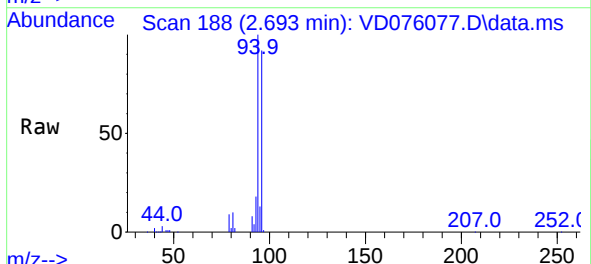
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV151

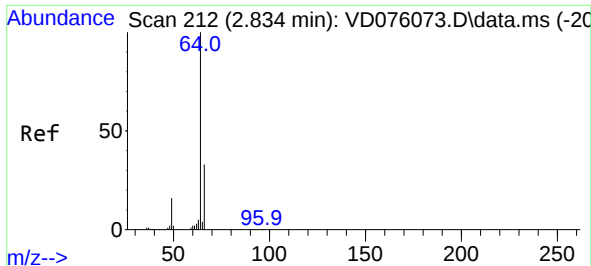
Tgt Ion: 62 Resp: 231359
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 22.097 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076077.D
 Acq: 11 May 2023 13:31

Tgt Ion: 94 Resp: 135578
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.7 121.9

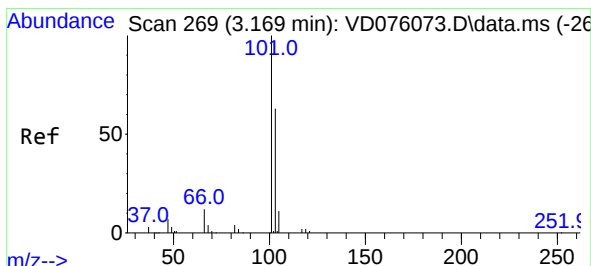
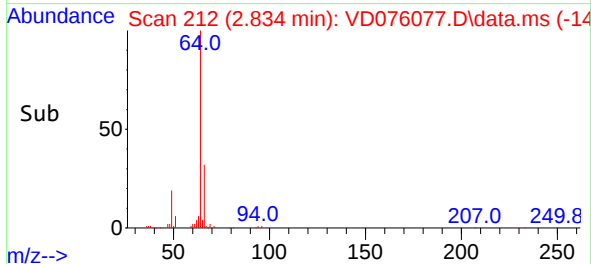
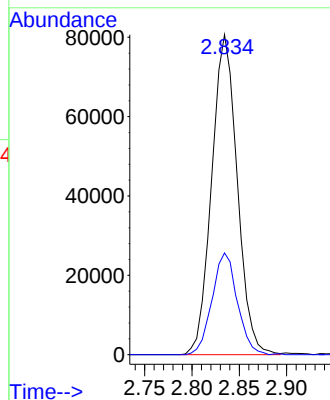
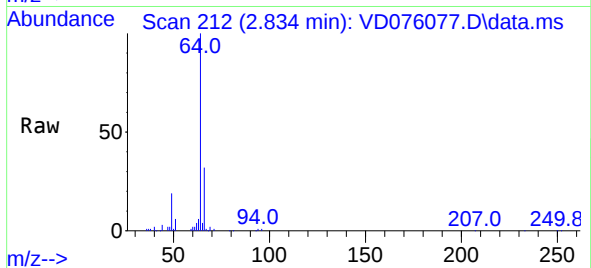




#8
Chloroethane
Concen: 23.872 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

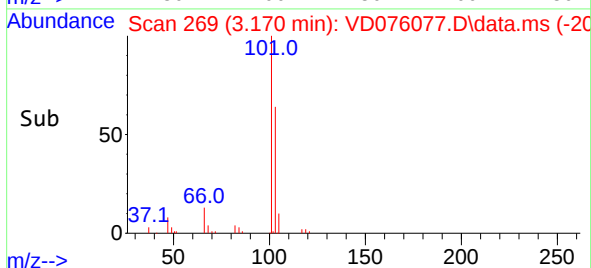
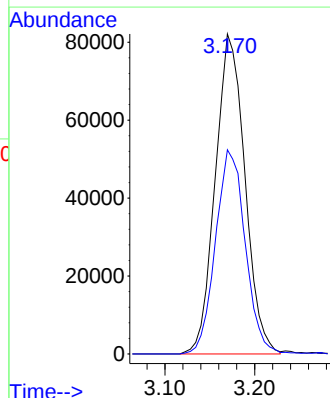
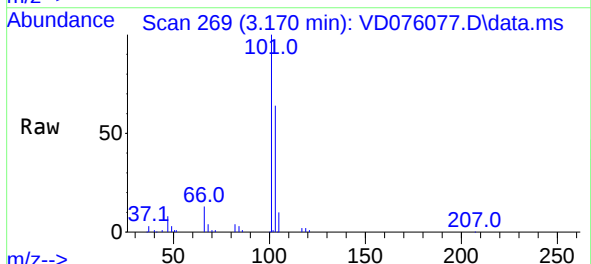
Instrument :
MSVOA_D
ClientSampleId :
VICV151

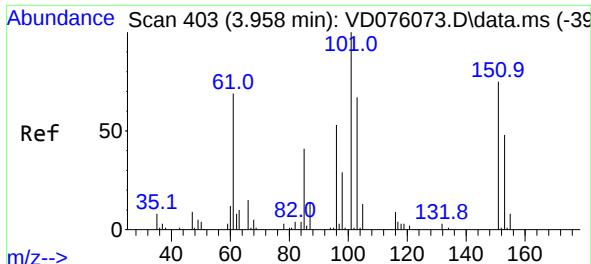
Tgt Ion: 64 Resp: 151511
Ion Ratio Lower Upper
64 100
66 31.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 23.247 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 101 Resp: 188241
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

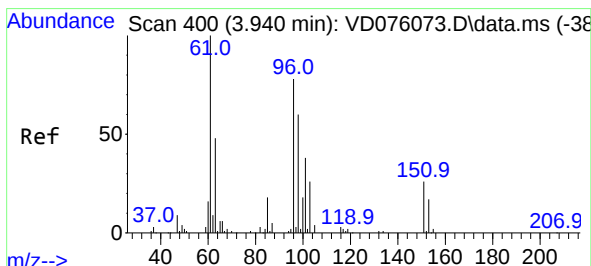
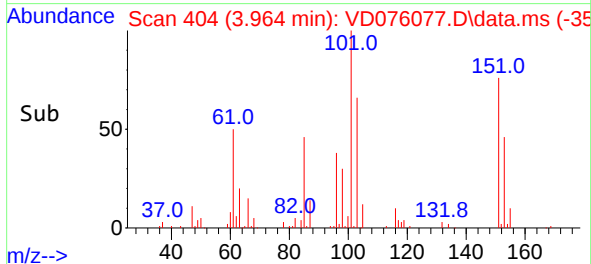
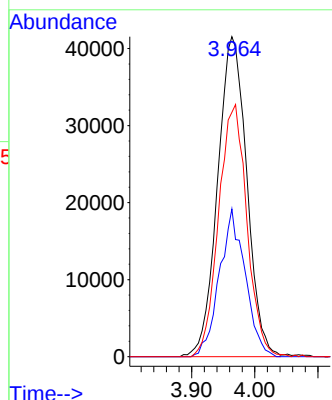
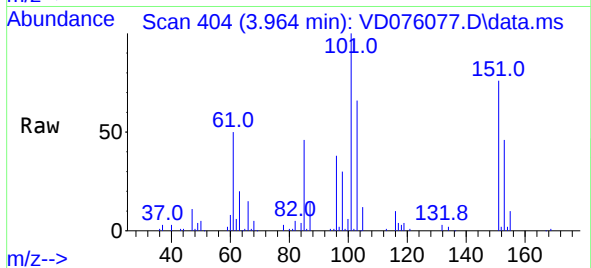




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.119 ug/L
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

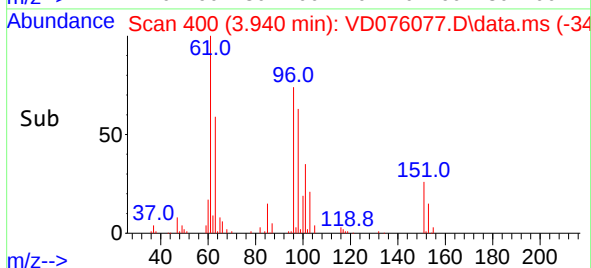
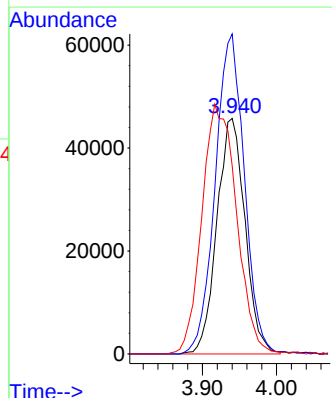
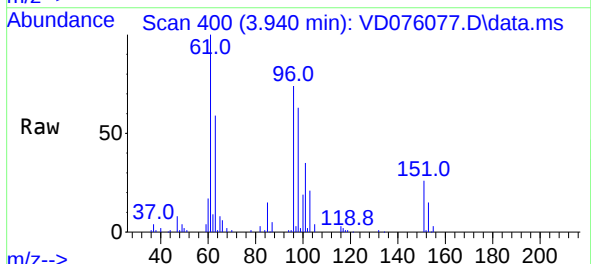
Instrument :
MSVOA_D
ClientSampleId :
VICV151

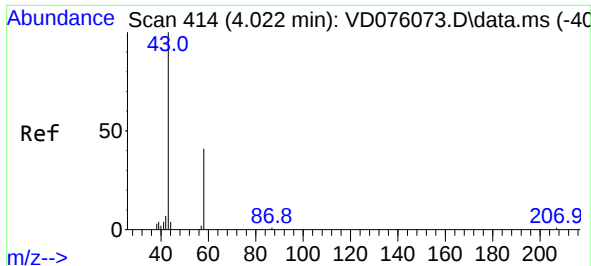
Tgt Ion:101 Resp: 133359
Ion Ratio Lower Upper
101 100
85 40.8 32.9 49.3
151 76.3 57.2 85.8



#12
1,1-Dichloroethene
Concen: 23.297 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 96 Resp: 120443
Ion Ratio Lower Upper
96 100
61 135.8 92.6 172.0
63 79.8 77.4 143.8

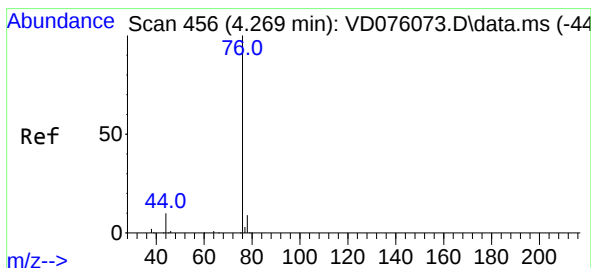
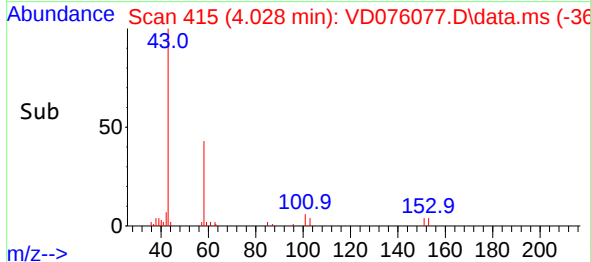
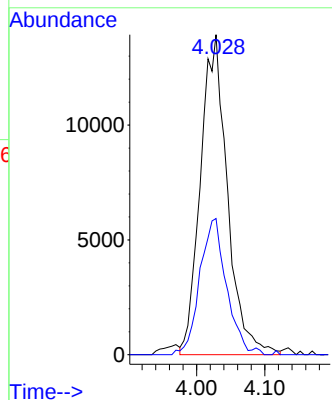
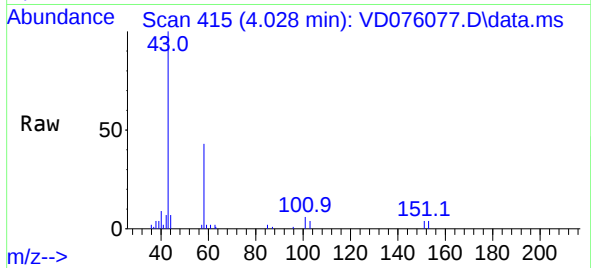




#13
Acetone
Concen: 47.885 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

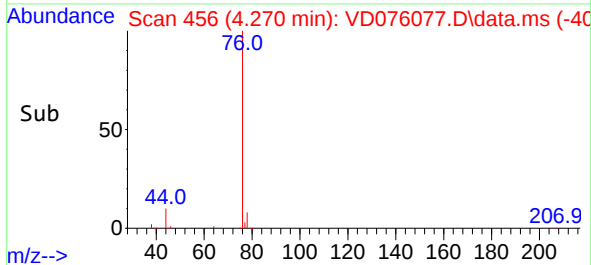
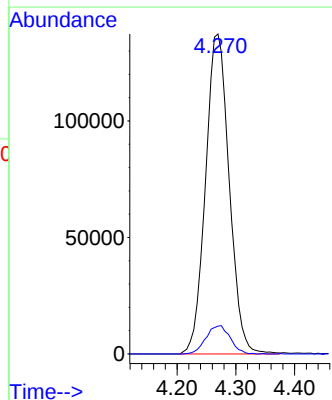
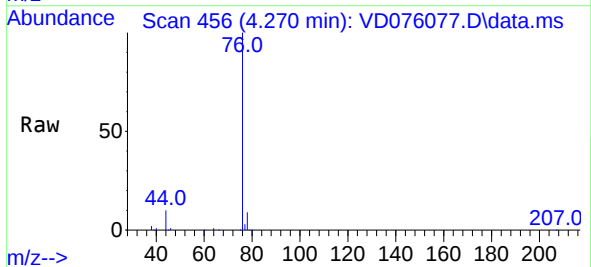
Instrument :
MSVOA_D
ClientSampleId :
VICV151

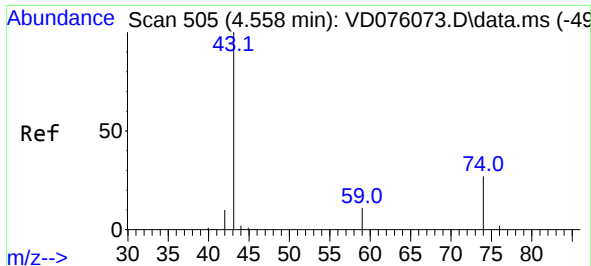
Tgt Ion: 43 Resp: 38289
Ion Ratio Lower Upper
43 100
58 41.6 0.0 87.4



#14
Carbon disulfide
Concen: 23.924 ug/L
RT: 4.270 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 76 Resp: 385126
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

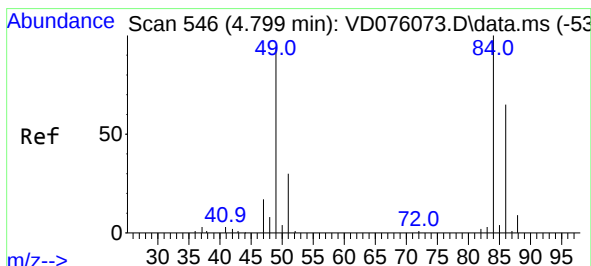
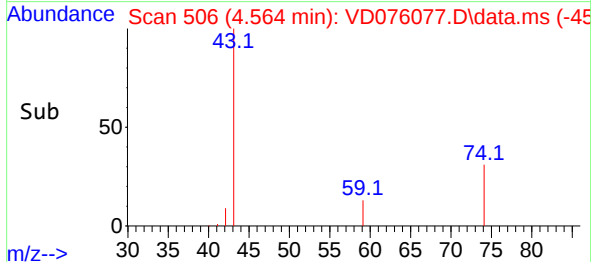
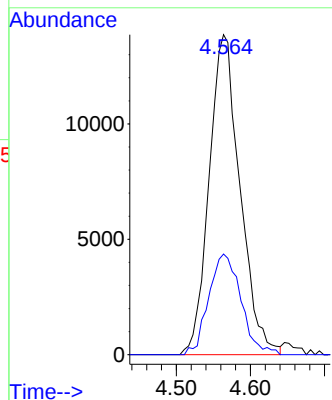
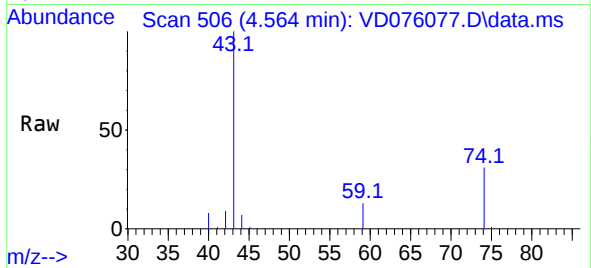




#15
Methyl Acetate
Concen: 23.327 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

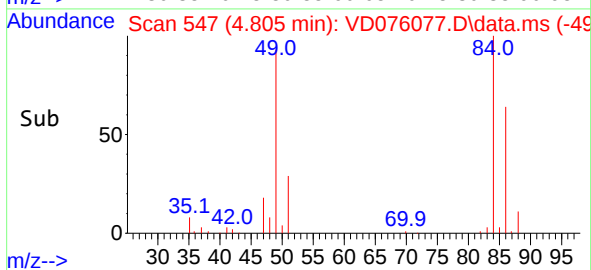
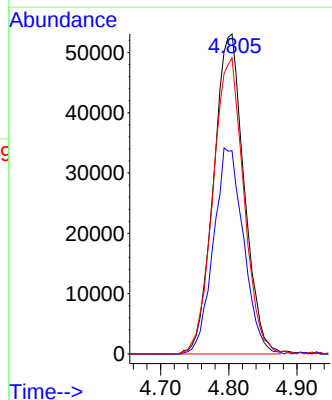
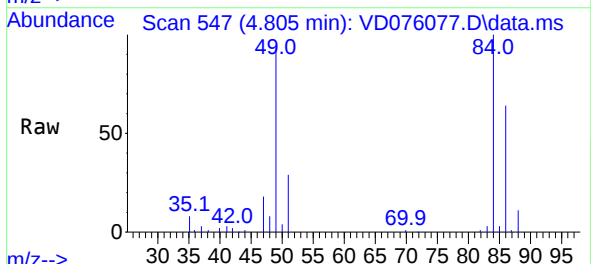
Instrument :
MSVOA_D
ClientSampleId :
VICV151

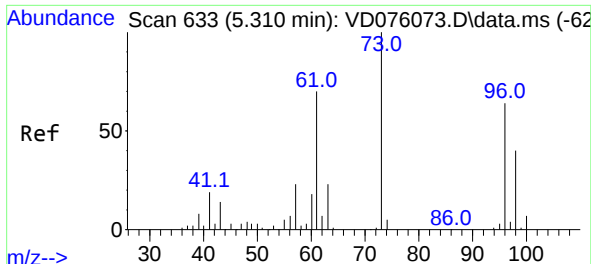
Tgt Ion: 43 Resp: 40118
Ion Ratio Lower Upper
43 100
74 32.4 12.8 19.2#



#16
Methylene chloride
Concen: 23.276 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 84 Resp: 164929
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.2
49 92.5 60.8 112.8

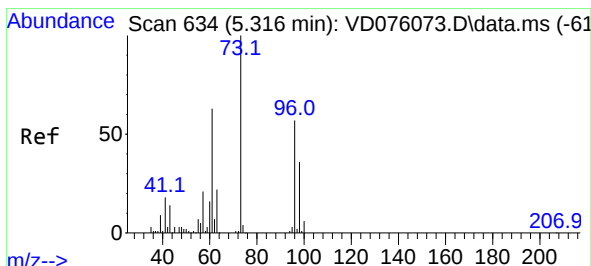
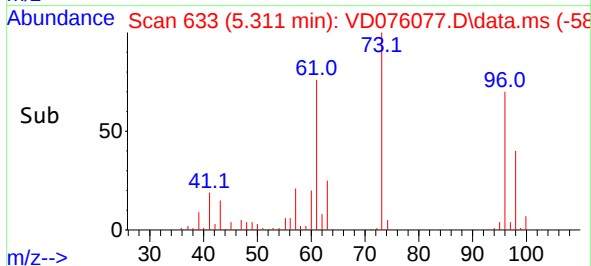
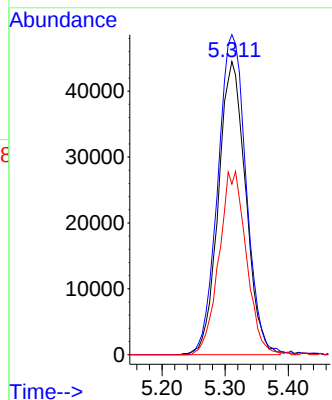
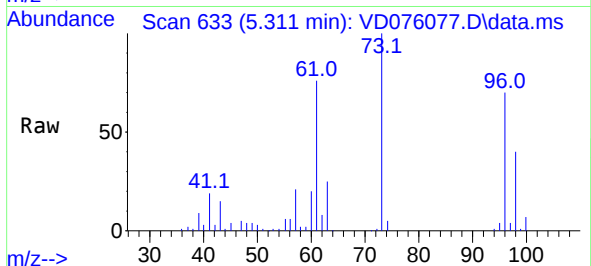




#17
trans-1,2-Dichloroethene
Concen: 24.111 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

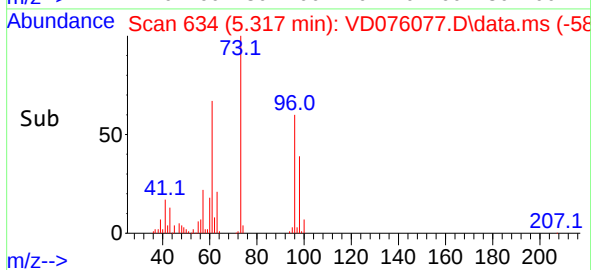
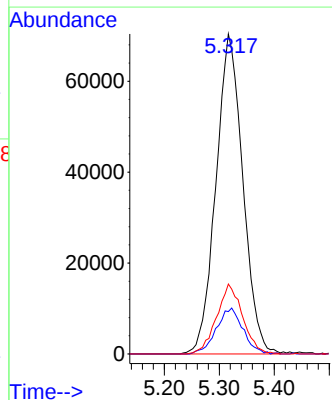
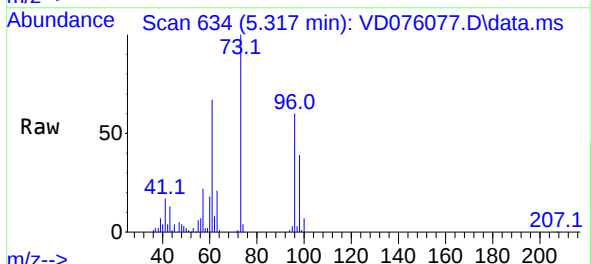
Instrument :
MSVOA_D
ClientSampleId :
VICV151

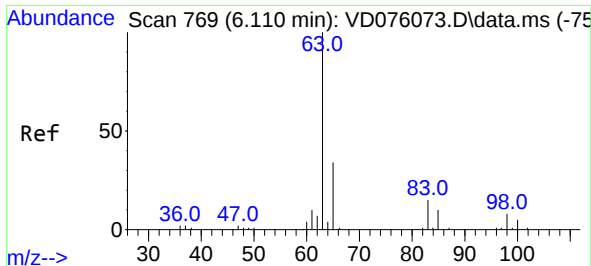
Tgt Ion: 96 Resp: 133466
Ion Ratio Lower Upper
96 100
61 109.2 72.9 135.5
98 58.2 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 24.342 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 73 Resp: 239113
Ion Ratio Lower Upper
73 100
43 14.2 11.3 16.9
57 21.2 16.3 24.5





#19

1,1-Dichloroethane

Concen: 23.211 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD076077.D

Acq: 11 May 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

VICV151

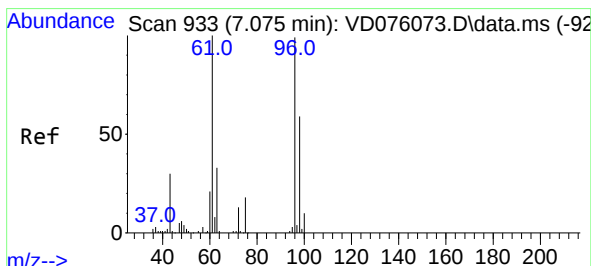
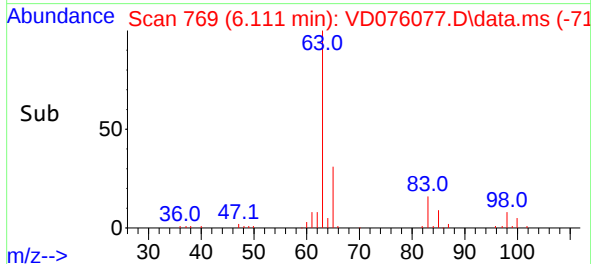
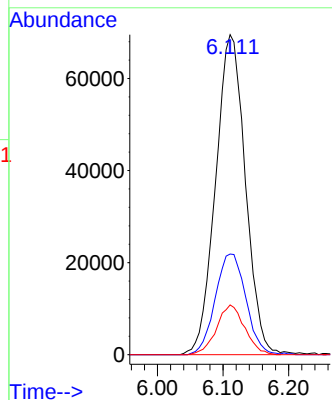
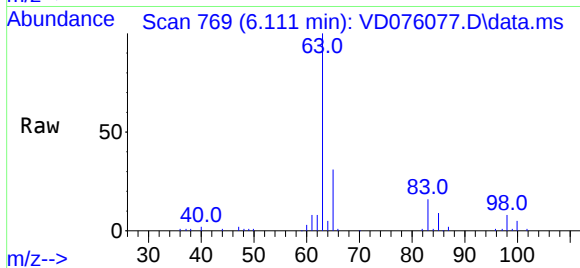
Tgt Ion: 63 Resp: 218995

Ion Ratio Lower Upper

63 100

65 31.4 22.8 42.4

83 15.5 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 24.120 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD076077.D

Acq: 11 May 2023 13:31

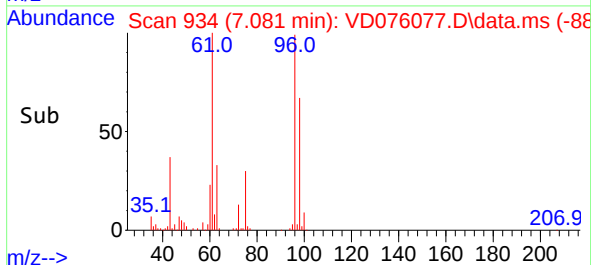
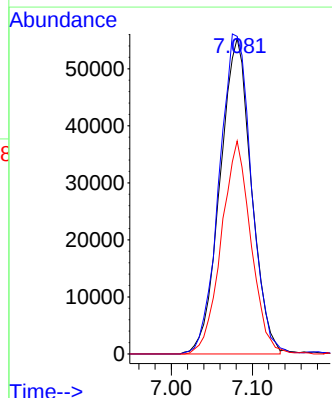
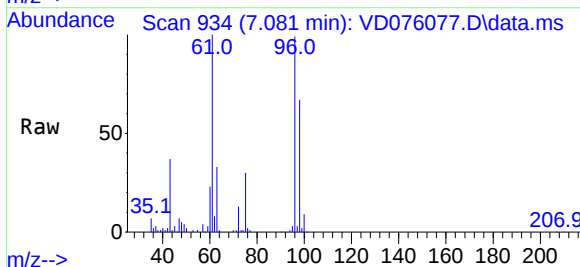
Tgt Ion: 96 Resp: 148007

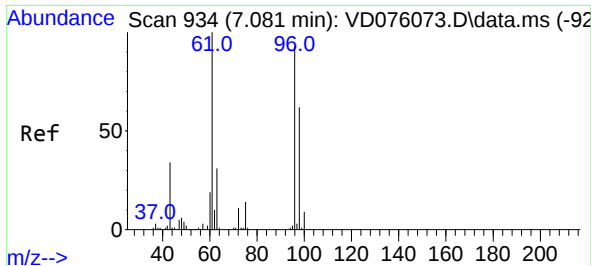
Ion Ratio Lower Upper

96 100

61 100.6 67.5 125.3

98 67.5 47.5 88.1

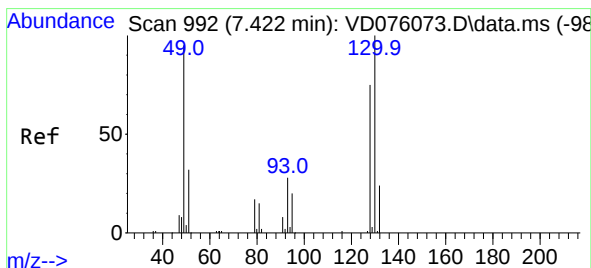
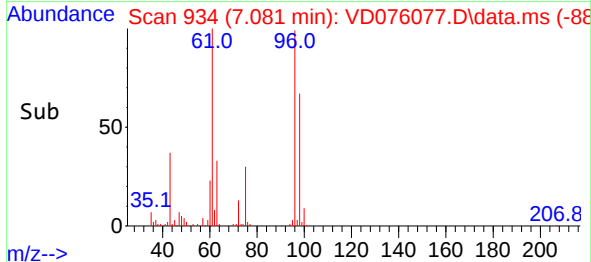
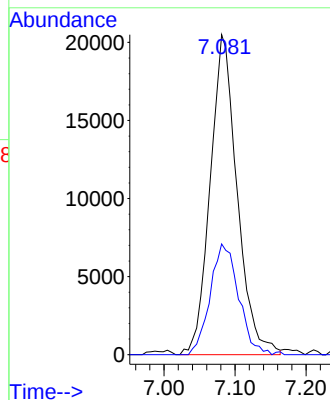
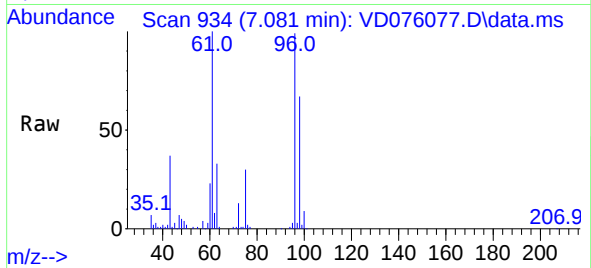




#22
2-Butanone
Concen: 48.344 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

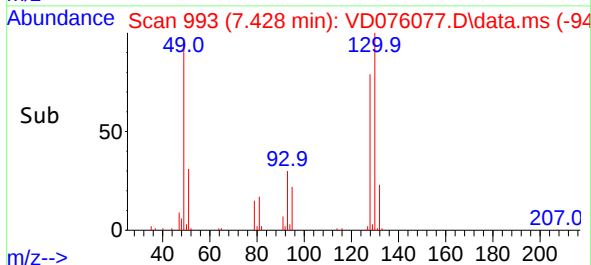
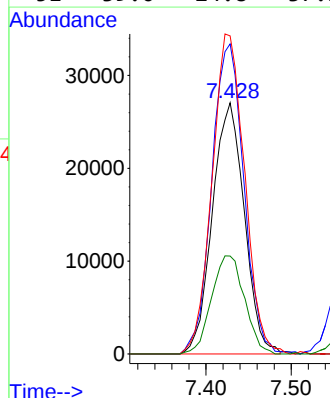
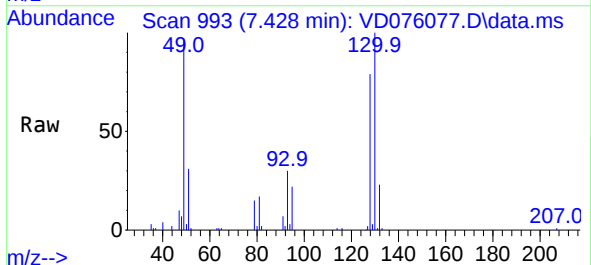
Instrument :
MSVOA_D
ClientSampleId :
VICV151

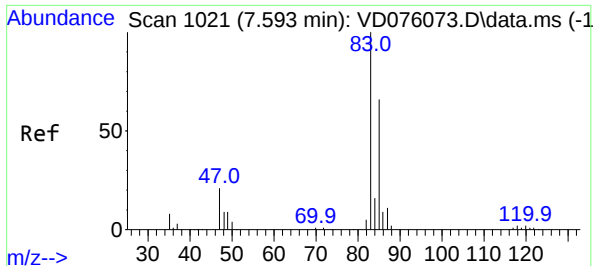
Tgt Ion: 43 Resp: 54008
Ion Ratio Lower Upper
43 100
72 36.4 20.5 61.5



#23
Bromochloromethane
Concen: 23.476 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 128 Resp: 70420
Ion Ratio Lower Upper
128 100
49 123.4 76.4 142.0
130 126.7 93.5 173.7
51 39.0 24.8 37.2#

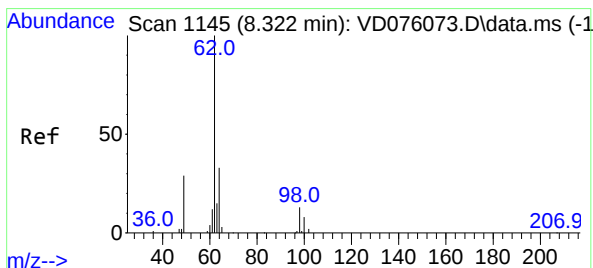
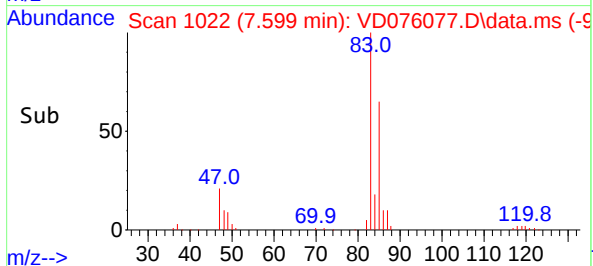
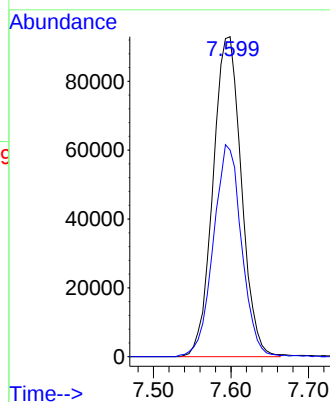
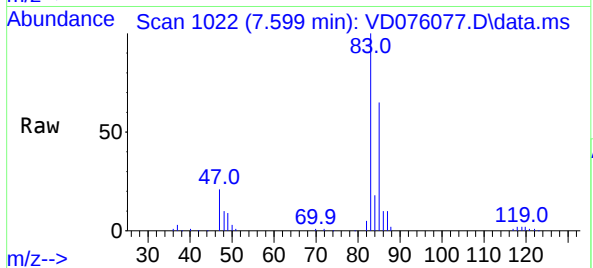




#25
Chloroform
Concen: 23.488 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

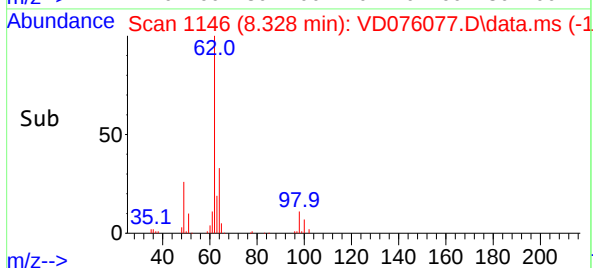
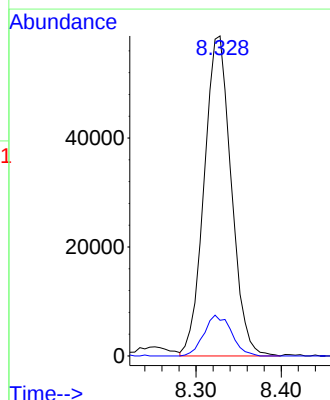
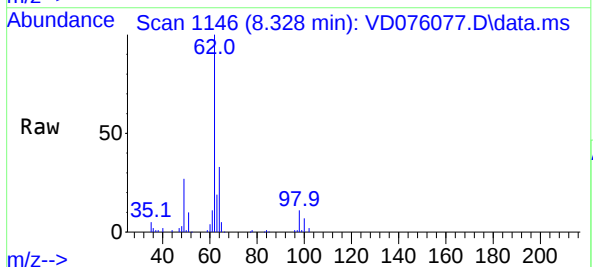
Instrument :
MSVOA_D
ClientSampleId :
VICV151

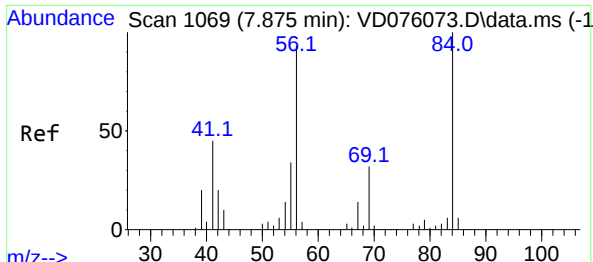
Tgt Ion: 83 Resp: 236618
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.5



#27
1,2-Dichloroethane
Concen: 24.394 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 62 Resp: 129502
Ion Ratio Lower Upper
62 100
98 11.2 10.2 15.2





#29

Cyclohexane

Concen: 24.906 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076077.D

Acq: 11 May 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

VICV151

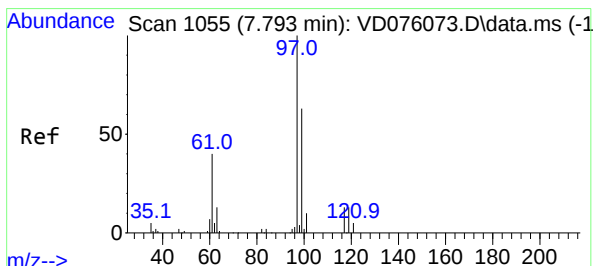
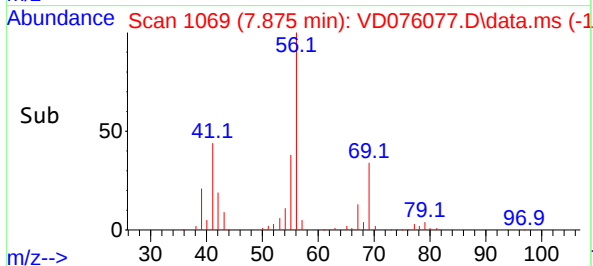
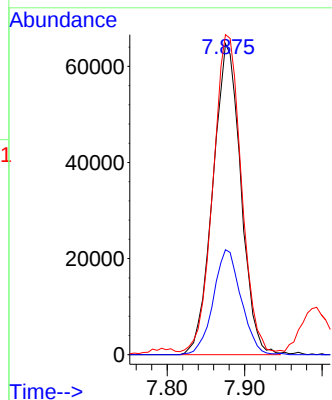
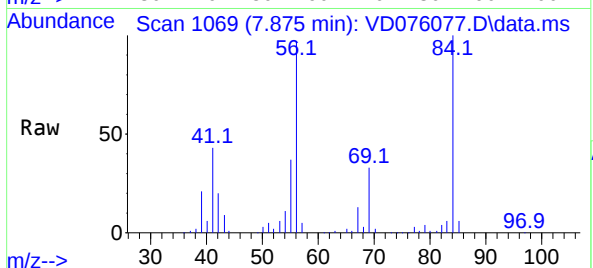
Tgt Ion: 56 Resp: 162293

Ion Ratio Lower Upper

56 100

69 33.5 28.2 42.2

84 104.7 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 23.437 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076077.D

Acq: 11 May 2023 13:31

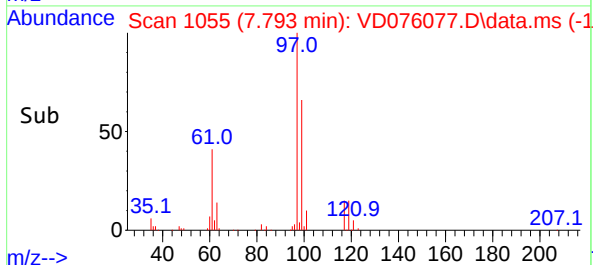
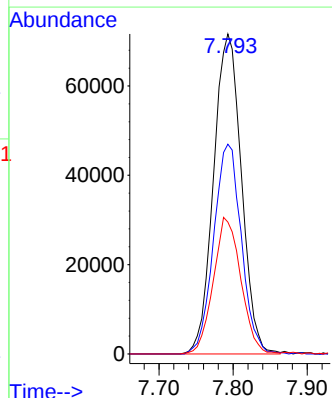
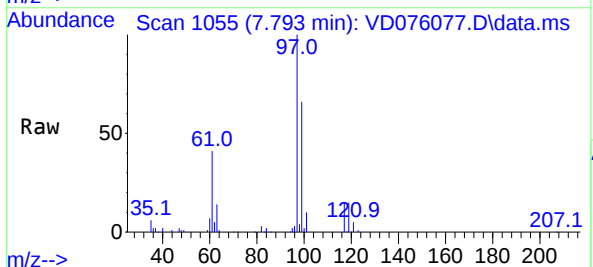
Tgt Ion: 97 Resp: 187033

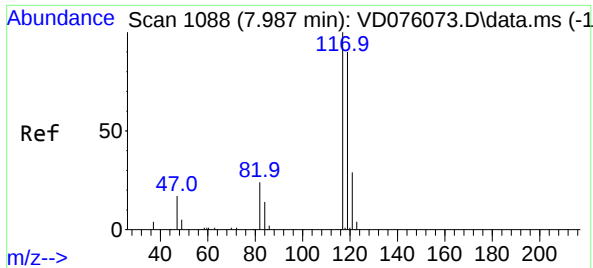
Ion Ratio Lower Upper

97 100

99 65.3 51.5 77.3

61 42.2 32.1 48.1

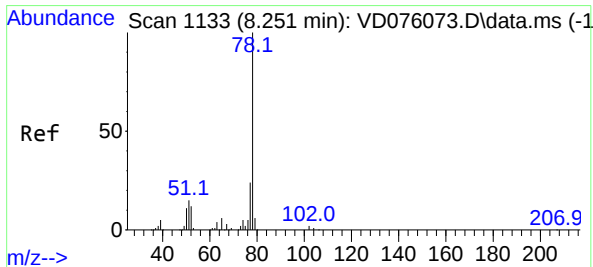
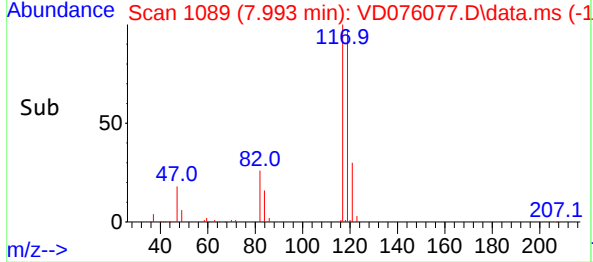
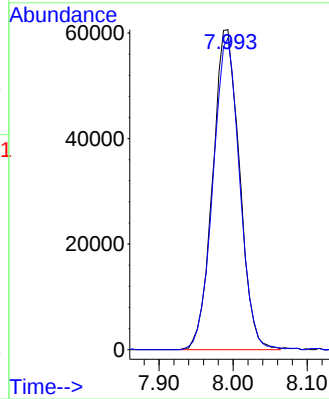
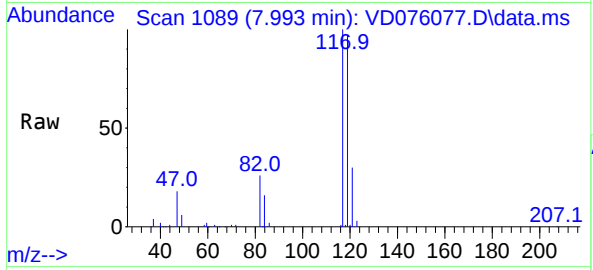




#31
Carbon tetrachloride
Concen: 24.197 ug/L
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

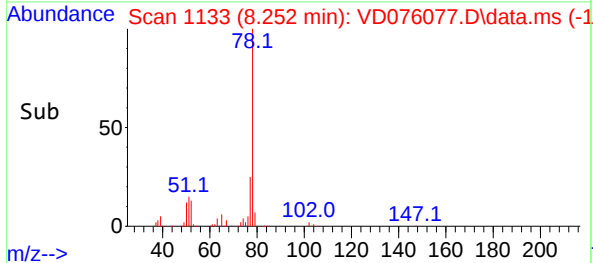
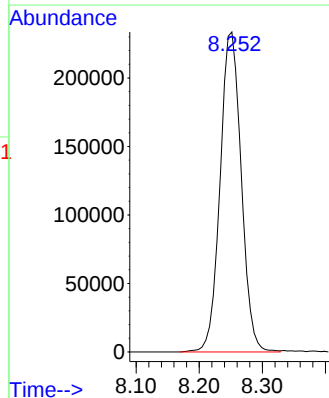
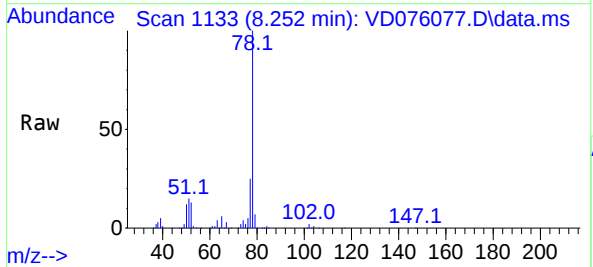
Instrument :
MSVOA_D
ClientSampleId :
VICV151

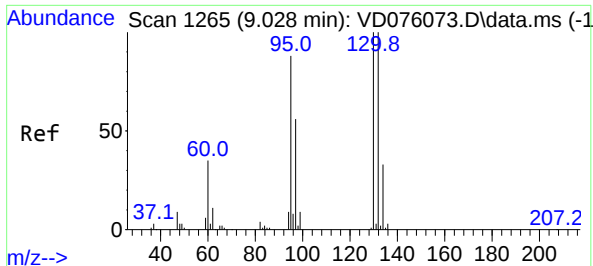
Tgt Ion:117 Resp: 152116
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.4



#33
Benzene
Concen: 24.864 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 78 Resp: 543034



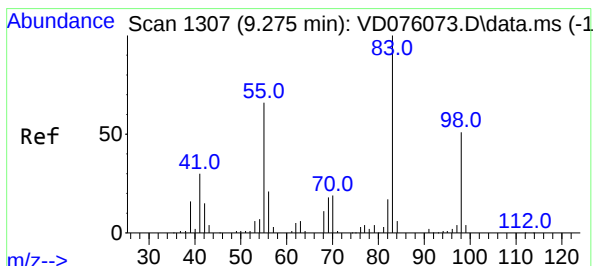
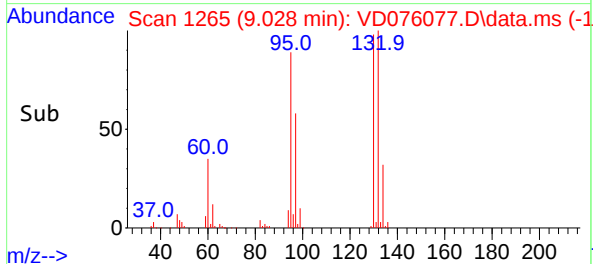
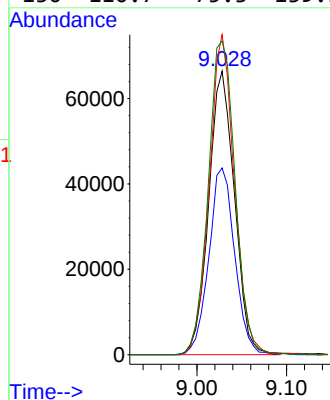
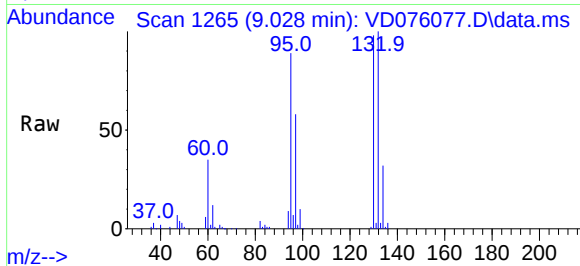


#34
Trichloroethene
Concen: 23.476 ug/L
RT: 9.028 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :
VICV151

Tgt Ion: 95 Resp: 132339

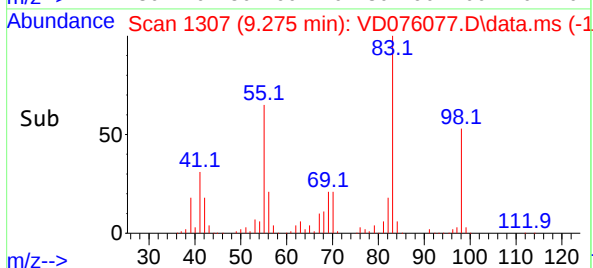
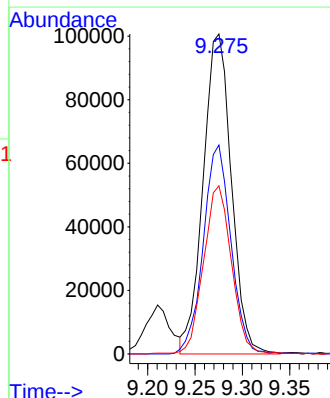
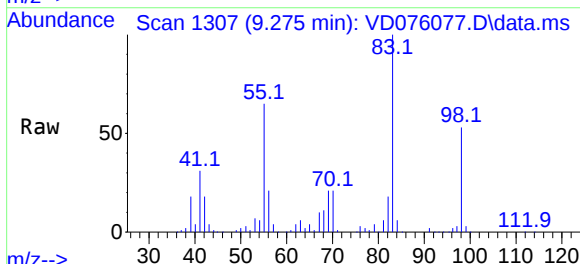
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.0	85.4
132	112.9	73.3	136.1
130	110.7	75.3	139.9

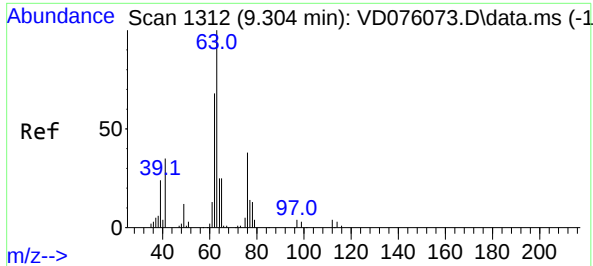


#35
Methylcyclohexane
Concen: 24.454 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 83 Resp: 208860

Ion	Ratio	Lower	Upper
83	100		
55	64.0	48.2	72.2
98	51.7	40.8	61.2

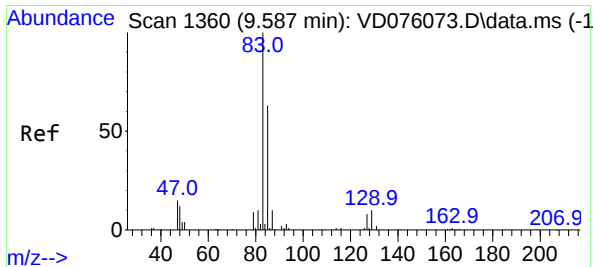
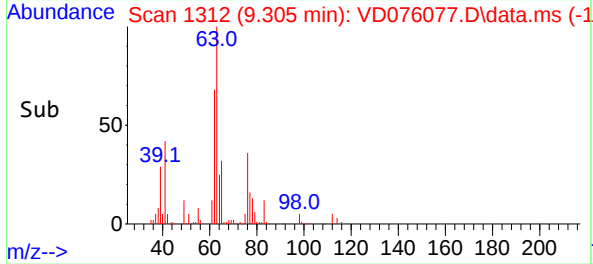
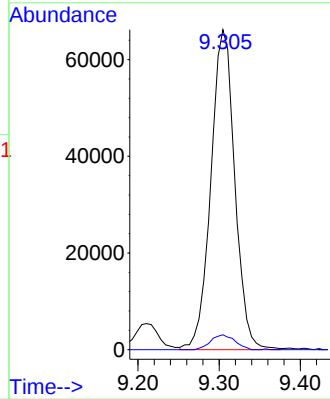
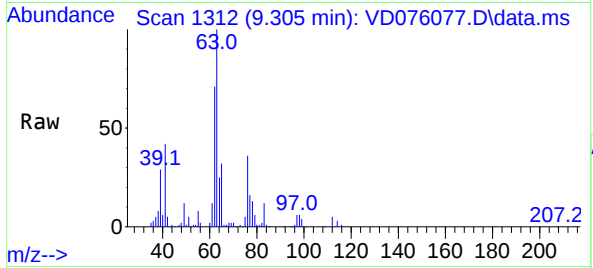




#37
1,2-Dichloropropane
Concen: 24.332 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

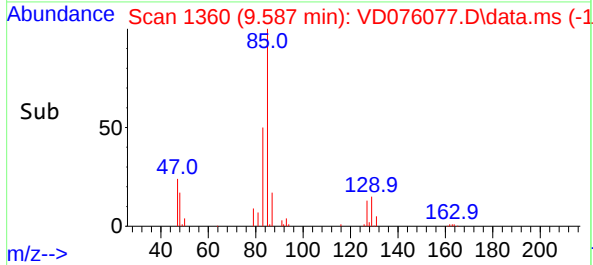
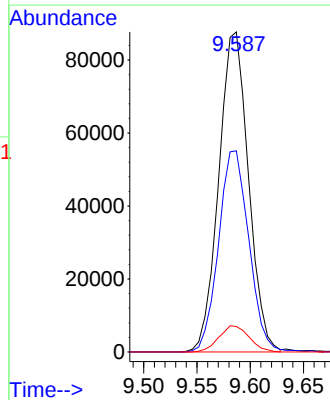
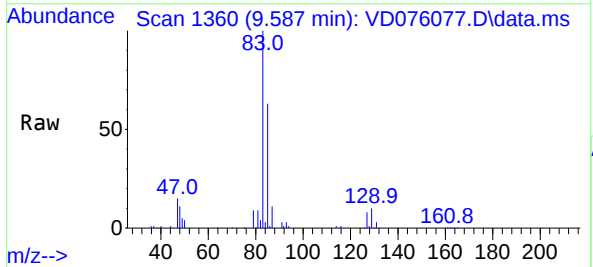
Instrument :
MSVOA_D
ClientSampleId :
VICV151

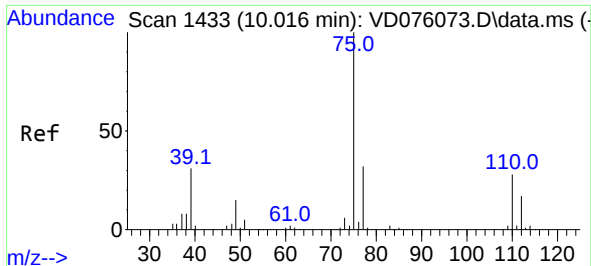
Tgt Ion: 63 Resp: 135544
Ion Ratio Lower Upper
63 100
112 4.7 4.0 6.0



#38
Bromodichloromethane
Concen: 23.827 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 83 Resp: 170060
Ion Ratio Lower Upper
83 100
85 62.9 44.2 82.2
127 7.9 6.3 9.5

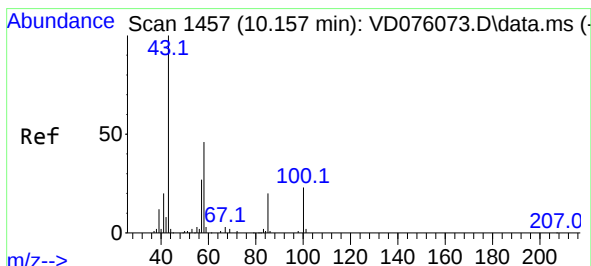
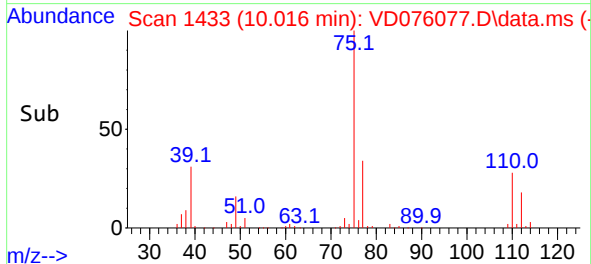
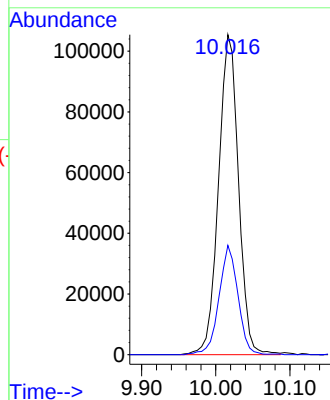
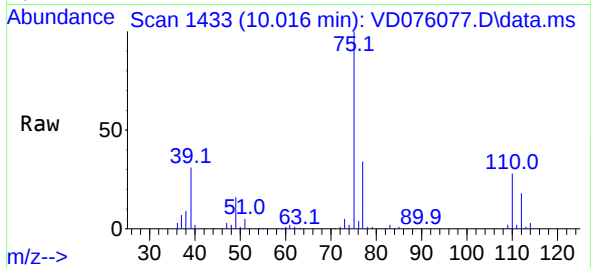




#39
cis-1,3-Dichloropropene
Concen: 24.635 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

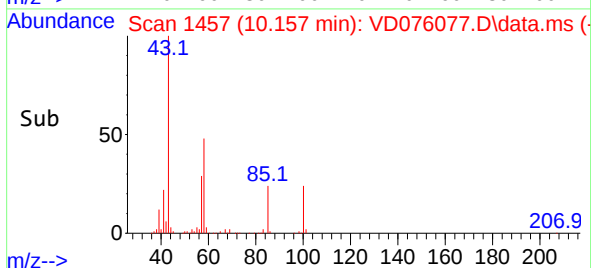
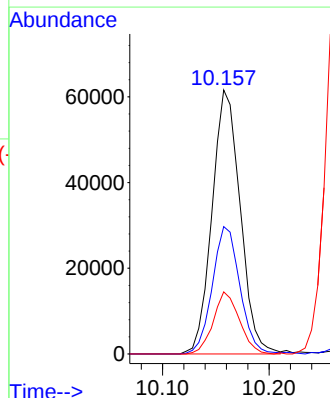
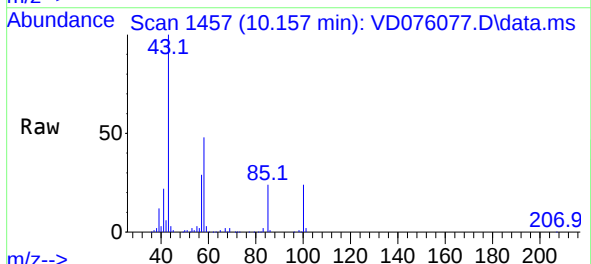
Instrument :
MSVOA_D
ClientSampleId :
VICV151

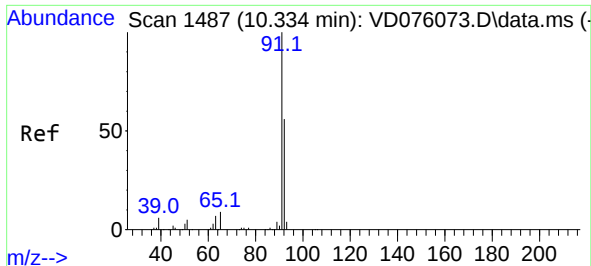
Tgt Ion: 75 Resp: 197673
Ion Ratio Lower Upper
75 100
77 34.1 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 50.392 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 43 Resp: 113145
Ion Ratio Lower Upper
43 100
58 47.2 39.1 58.7
100 21.8 19.4 29.0

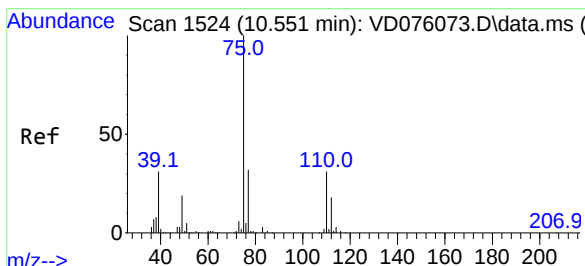
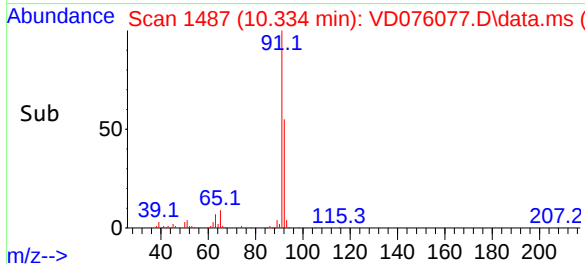
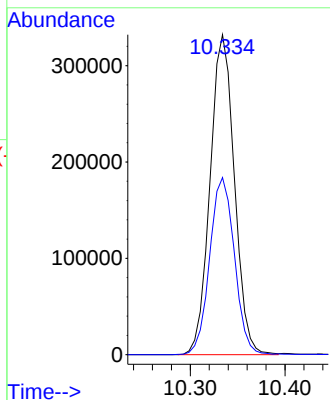
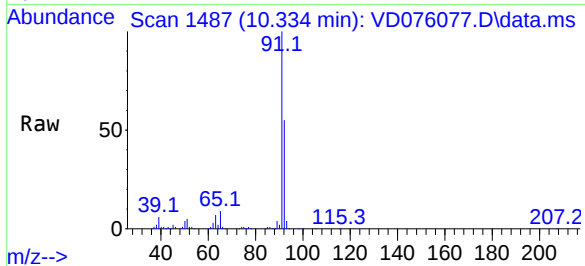




#42
Toluene
Concen: 25.451 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

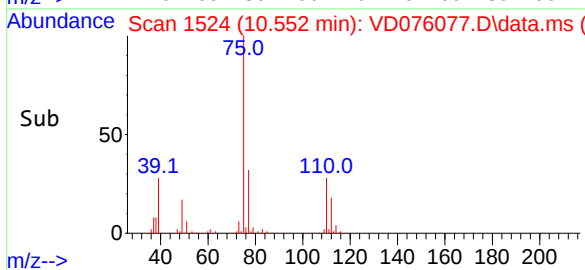
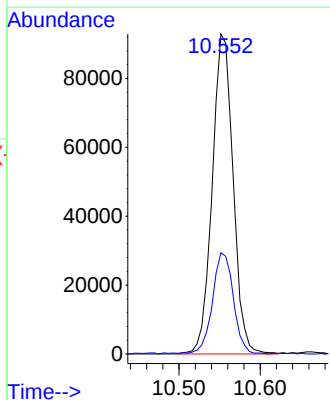
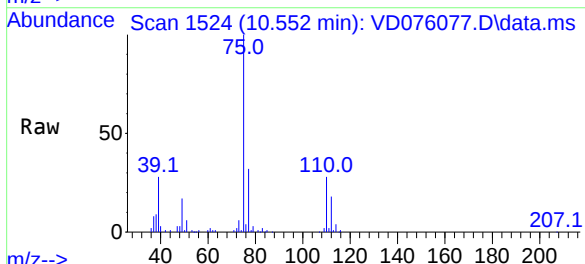
Instrument :
MSVOA_D
ClientSampleId :
VICV151

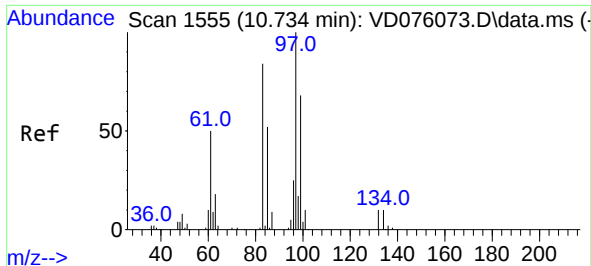
Tgt Ion: 91 Resp: 593411
Ion Ratio Lower Upper
91 100
92 55.3 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 24.803 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 75 Resp: 166064
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0



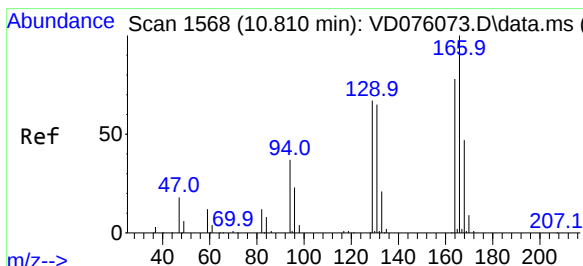
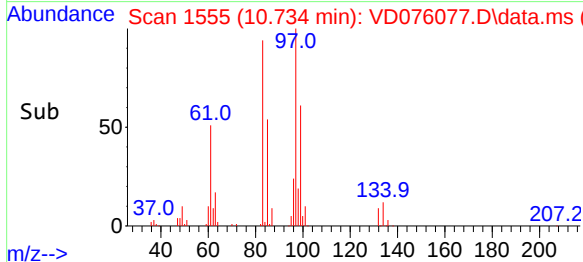
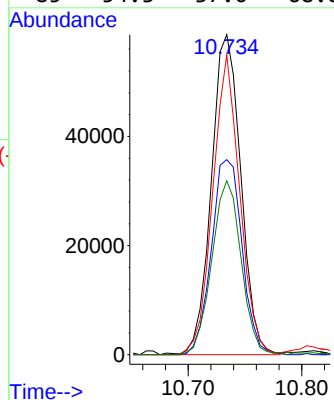
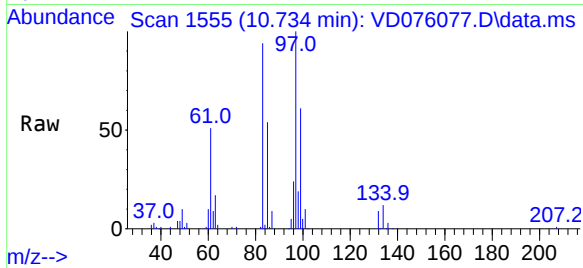


#45
1,1,2-Trichloroethane
Concen: 23.457 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :
VICV151

Tgt Ion: 97 Resp: 105510

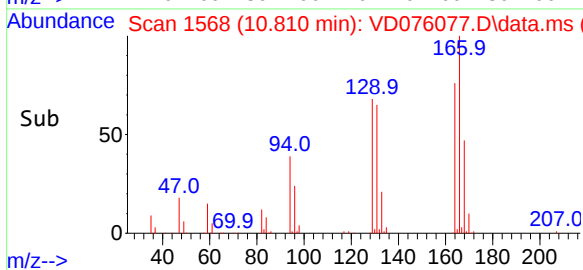
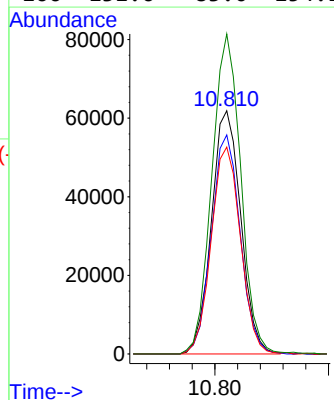
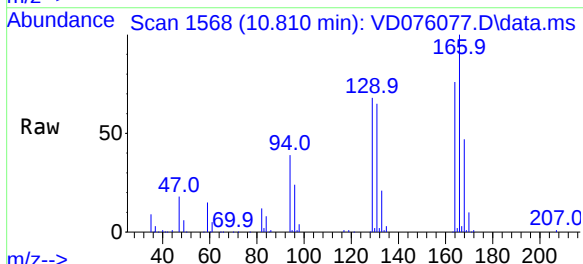
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.2	78.4
83	93.7	54.8	101.8
85	54.3	37.0	68.8

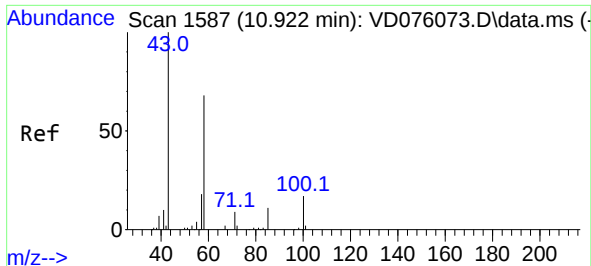


#46
Tetrachloroethene
Concen: 23.602 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 164 Resp: 111154

Ion	Ratio	Lower	Upper
164	100		
129	90.1	60.3	112.1
131	85.1	58.9	109.3
166	131.6	83.0	154.1

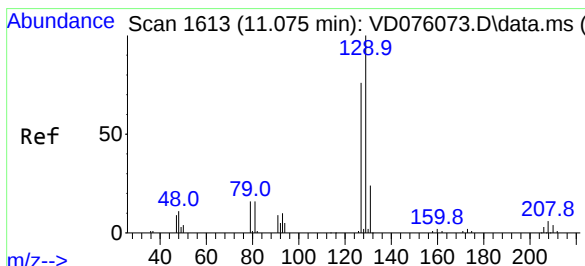
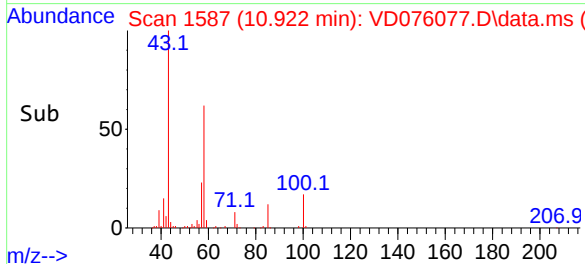
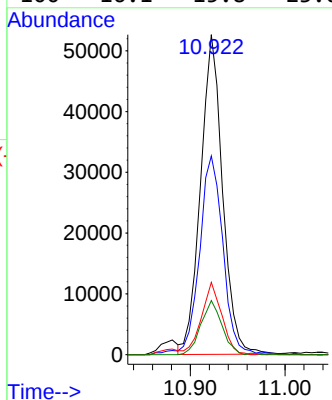
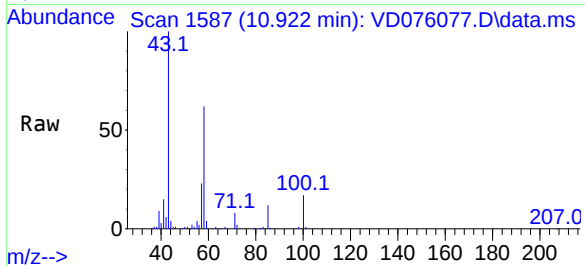




#48
2-Hexanone
Concen: 52.252 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

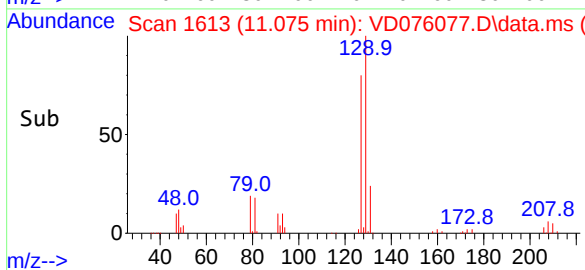
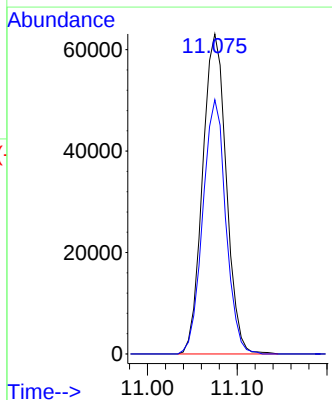
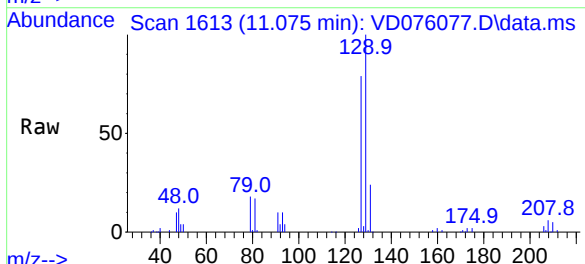
Instrument :
MSVOA_D
ClientSampleId :
VICV151

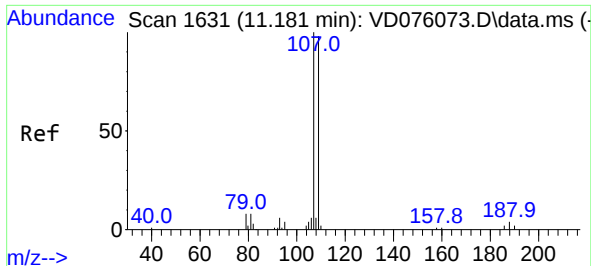
Tgt Ion: 43	Resp: 85137
Ion Ratio	Lower Upper
43 100	
58 64.0	59.7 89.5
57 20.8	17.9 26.9
100 16.1	15.8 23.6



#49
Dibromochloromethane
Concen: 23.833 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:129	Resp: 115664
Ion Ratio	Lower Upper
129 100	
127 79.4	55.6 103.4

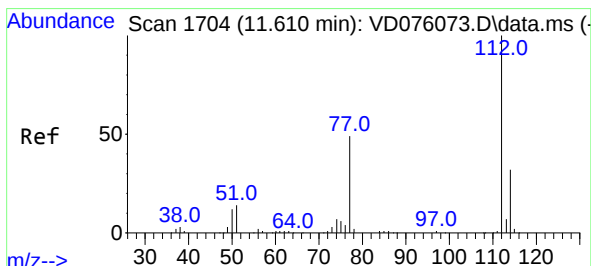
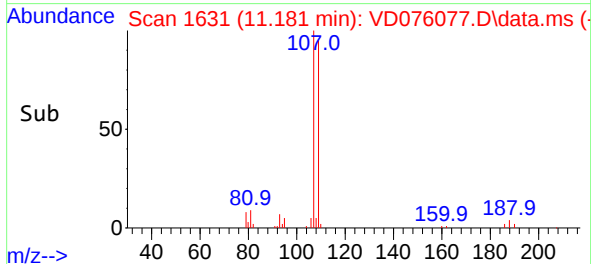
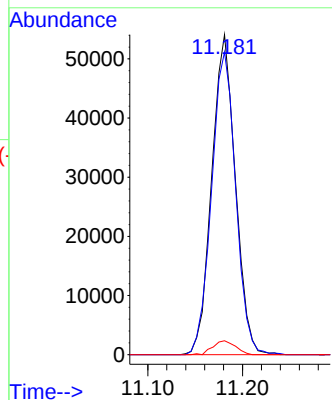
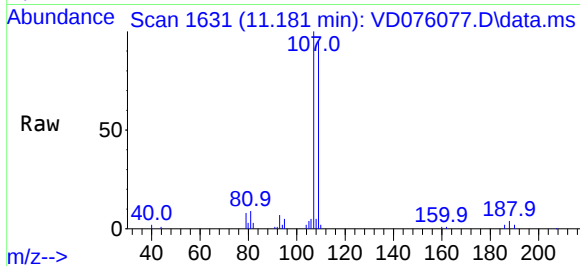




#50
1,2-Dibromoethane
Concen: 23.645 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

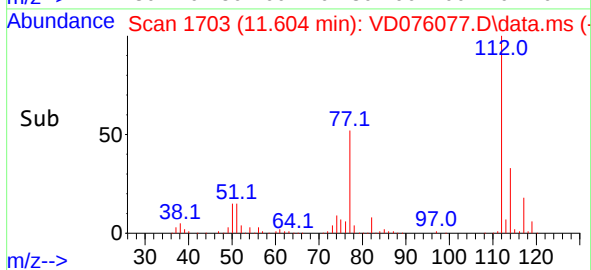
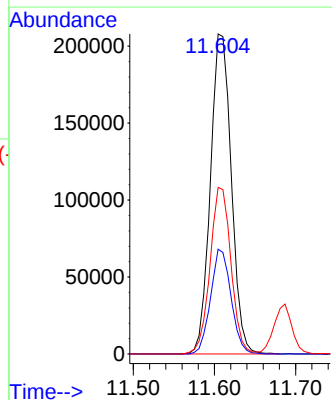
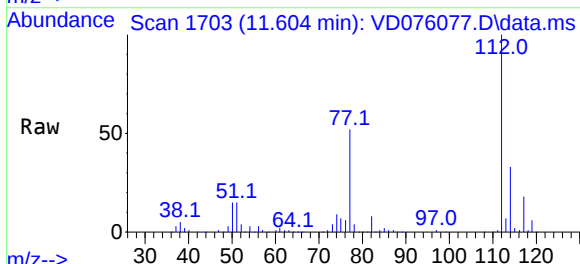
Instrument :
MSVOA_D
ClientSampleId :
VICV151

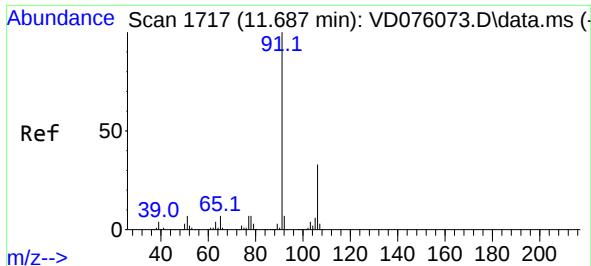
Tgt Ion:	107	Resp:	93927
Ion	Ratio	Lower	Upper
107	100		
109	94.6	67.6	125.6
188	4.4	3.0	4.6



#51
Chlorobenzene
Concen: 23.439 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:	112	Resp:	371942
Ion	Ratio	Lower	Upper
112	100		
114	32.8	23.0	42.8
77	52.1	39.7	59.5

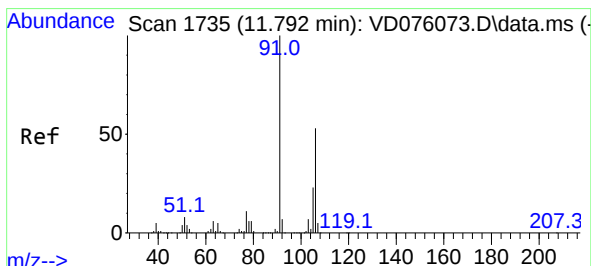
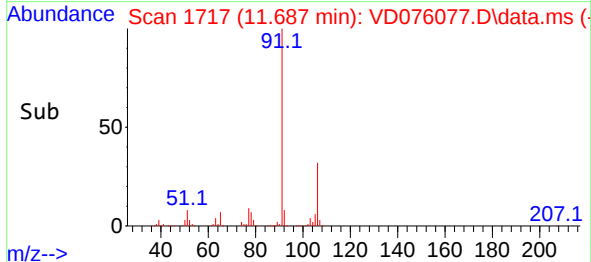
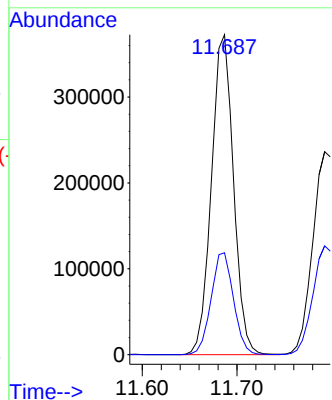
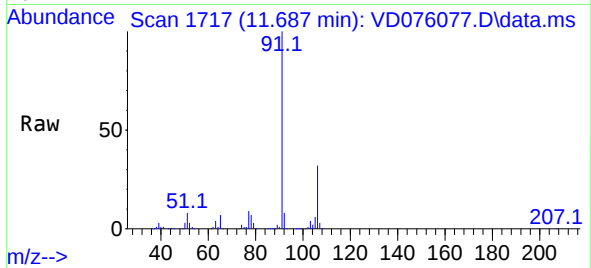




#52
Ethylbenzene
Concen: 24.958 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

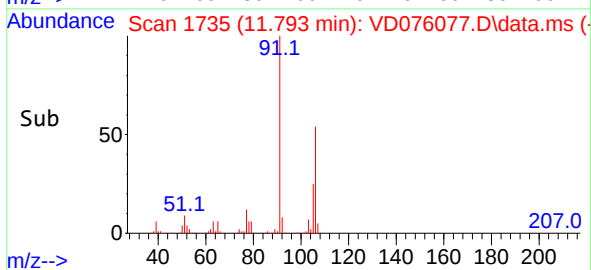
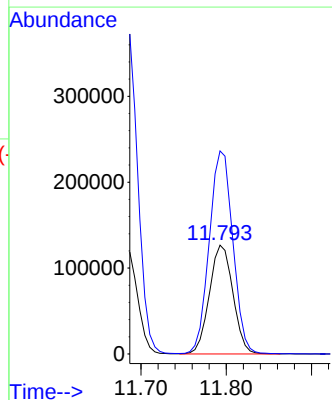
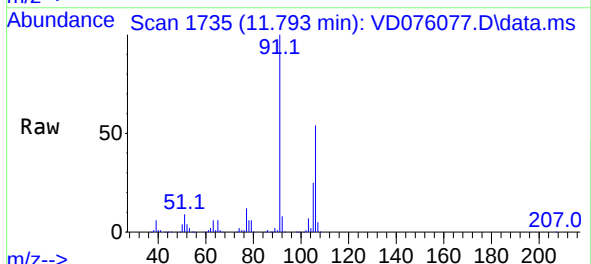
Instrument :
MSVOA_D
ClientSampleId :
VICV151

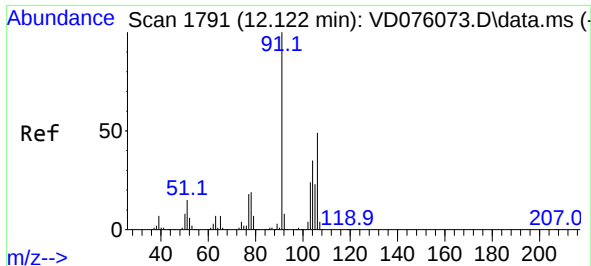
Tgt Ion: 91 Resp: 603696
Ion Ratio Lower Upper
91 100
106 31.8 23.7 43.9



#53
m,p-Xylene
Concen: 25.768 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion: 106 Resp: 243046
Ion Ratio Lower Upper
106 100
91 186.7 130.9 243.1

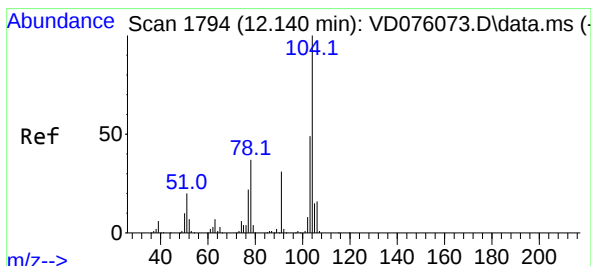
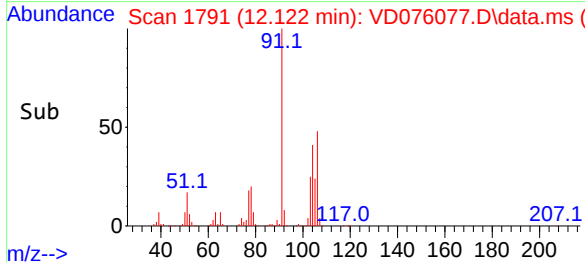
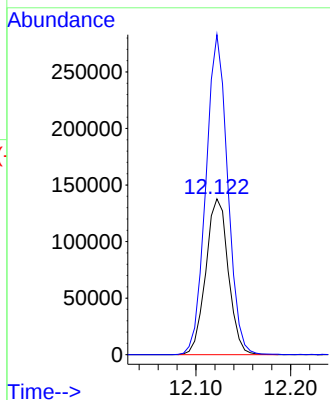
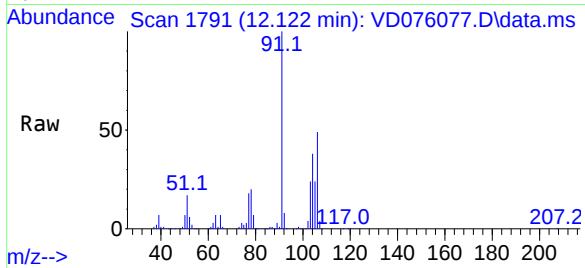




#54
o-Xylene
Concen: 25.422 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

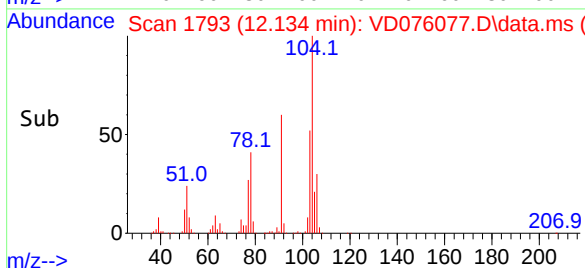
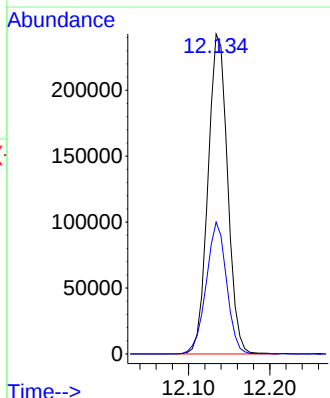
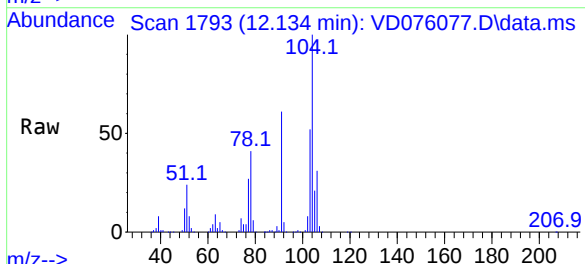
Instrument :
MSVOA_D
ClientSampleId :
VICV151

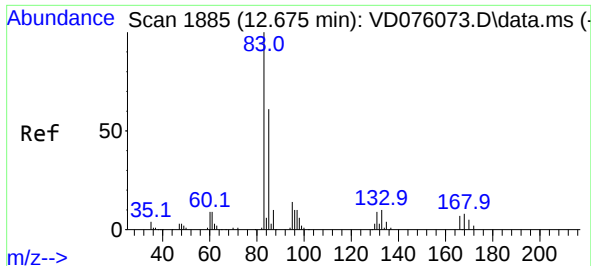
Tgt Ion:106 Resp: 227409
Ion Ratio Lower Upper
106 100
91 205.3 139.8 259.6



#55
Styrene
Concen: 25.617 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:104 Resp: 405985
Ion Ratio Lower Upper
104 100
78 41.2 26.2 48.6

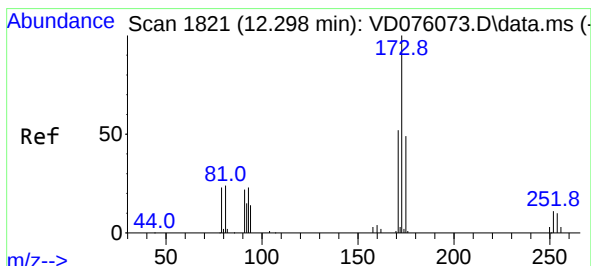
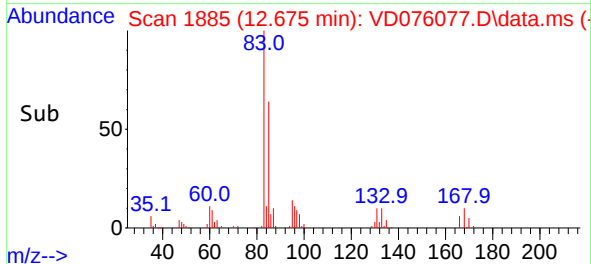
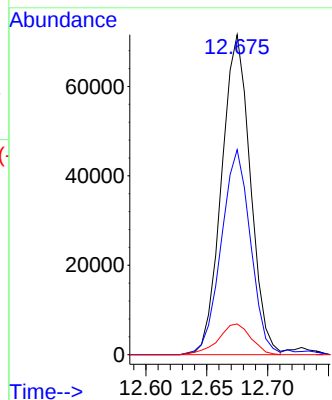
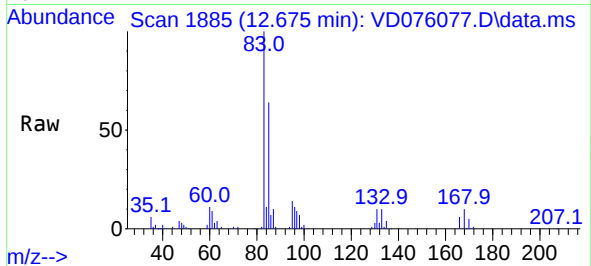




#57
1,1,2,2-Tetrachloroethane
Concen: 23.365 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

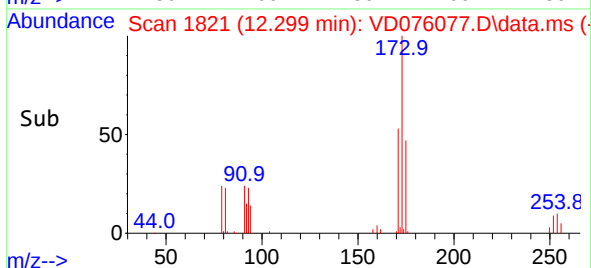
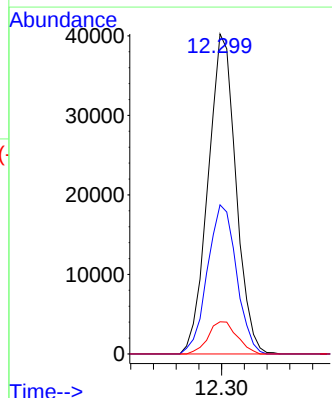
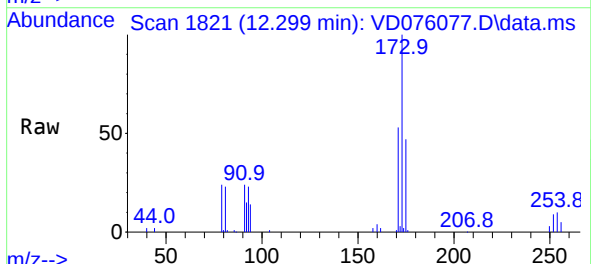
Instrument :
MSVOA_D
ClientSampleId :
VICV151

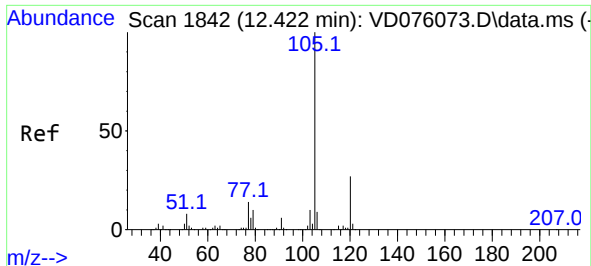
Tgt Ion: 83 Resp: 117654
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 9.6 7.0 10.6



#59
Bromoform
Concen: 23.950 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:173 Resp: 68508
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 10.4 7.4 11.2

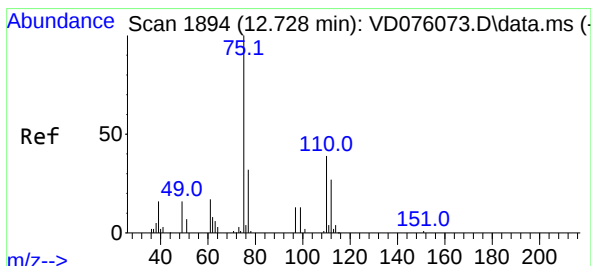
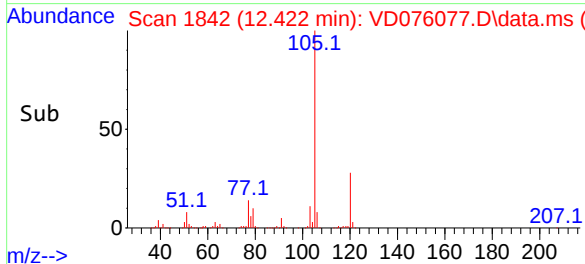
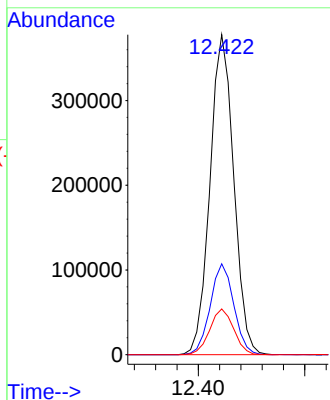
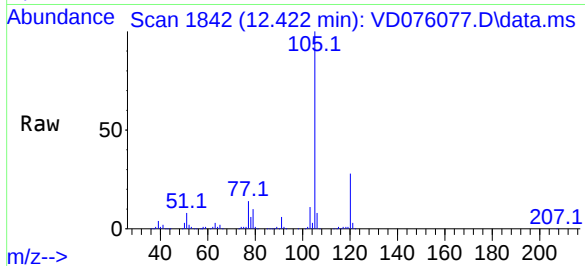




#60
Isopropylbenzene
Concen: 26.147 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

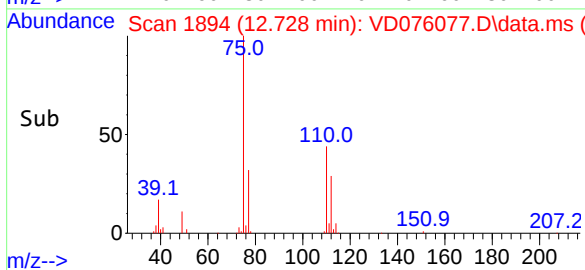
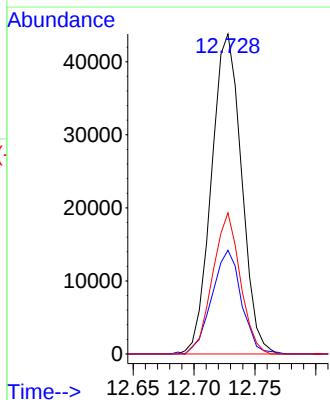
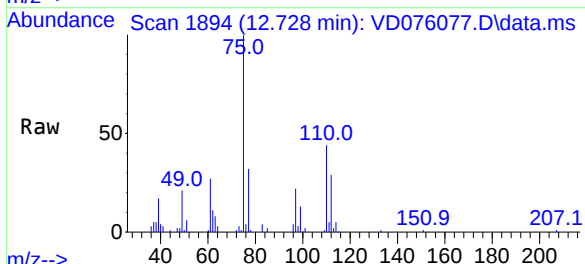
Instrument :
MSVOA_D
ClientSampleId :
VICV151

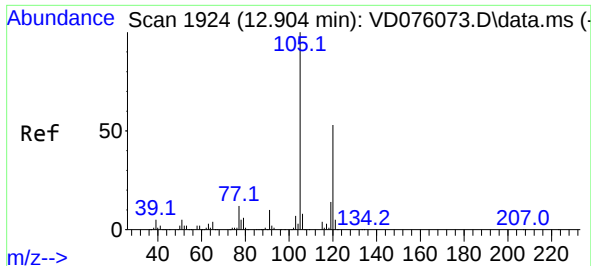
Tgt Ion:	105	Resp:	584395
Ion Ratio	Lower	Upper	
105	100		
120	28.2	22.7	34.1
77	14.4	10.9	16.3



#61
1,2,3-Trichloropropane
Concen: 23.743 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:	75	Resp:	75176
Ion Ratio	Lower	Upper	
75	100		
77	31.9	26.6	39.8
110	40.5	33.5	50.3

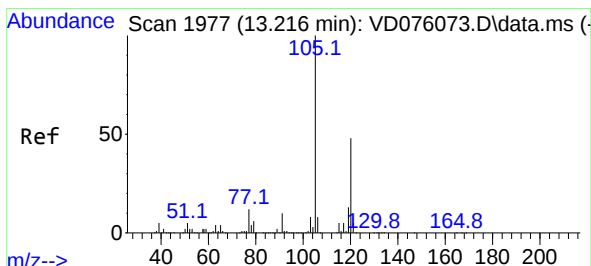
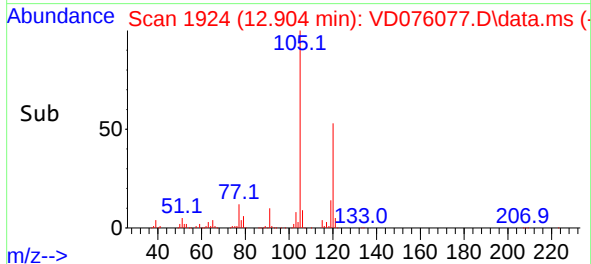
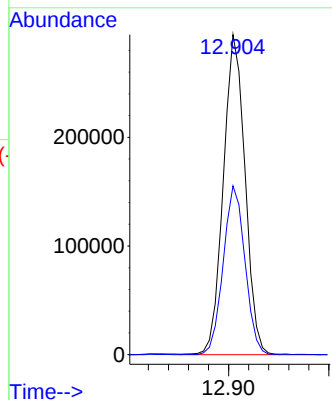
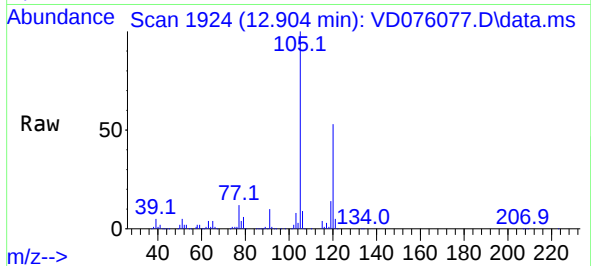




#62
1,3,5-Trimethylbenzene
Concen: 25.810 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

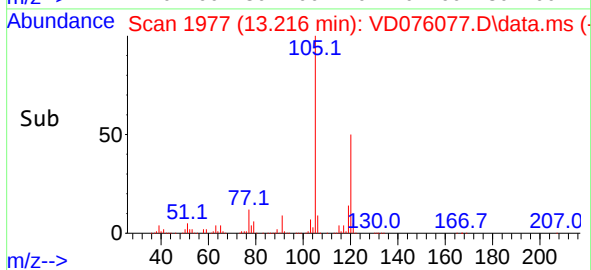
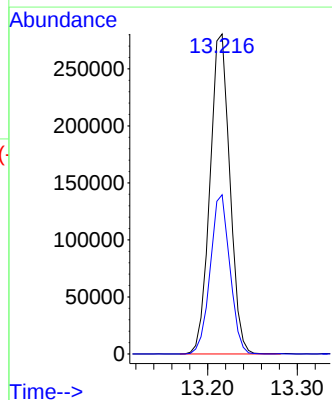
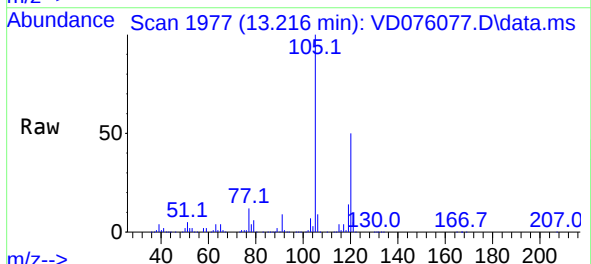
Instrument :
MSVOA_D
ClientSampleId :
VICV151

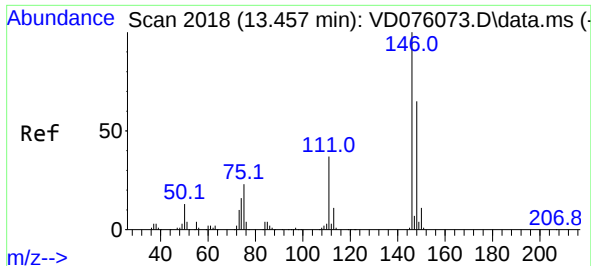
Tgt Ion:105 Resp: 442571
Ion Ratio Lower Upper
105 100
120 52.7 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 26.337 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:105 Resp: 431907
Ion Ratio Lower Upper
105 100
120 49.0 39.0 58.6

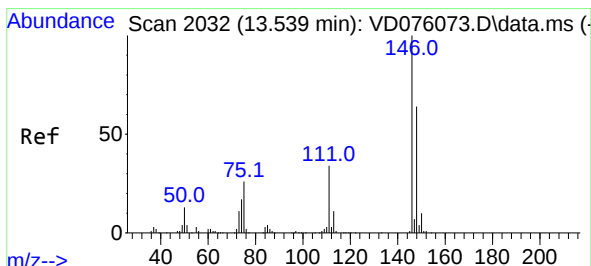
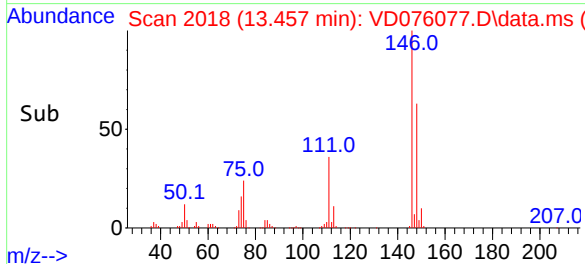
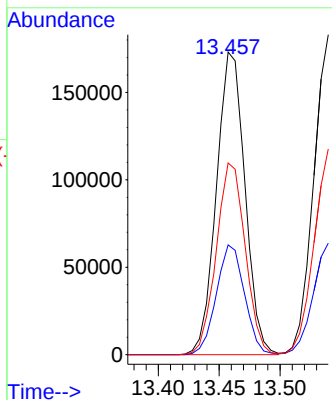
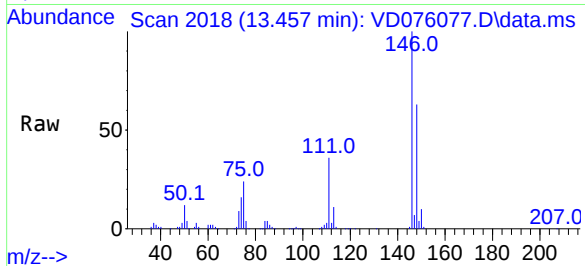




#64
1,3-Dichlorobenzene
Concen: 24.351 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

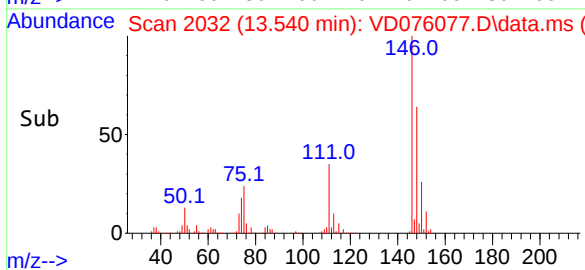
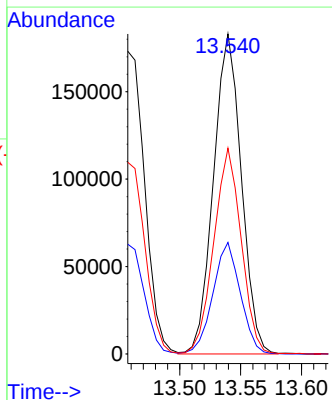
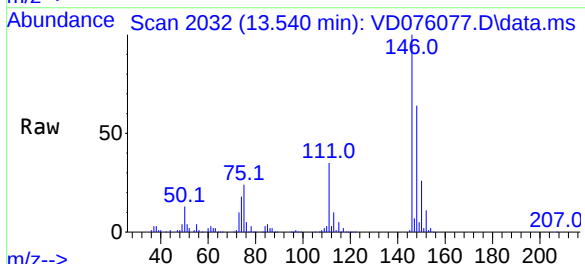
Instrument :
MSVOA_D
ClientSampleId :
VICV151

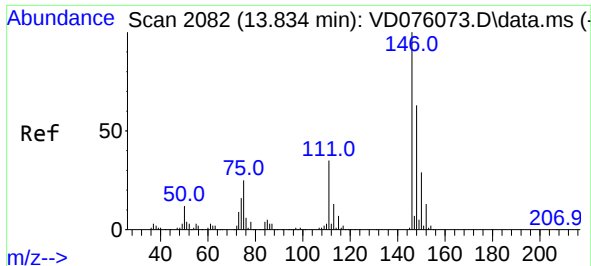
Tgt Ion:146 Resp: 282564
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.1
148 63.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.181 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:146 Resp: 291902
Ion Ratio Lower Upper
146 100
111 34.8 24.6 45.8
148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 23.833 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076077.D

Acq: 11 May 2023 13:31

Instrument :

MSVOA_D

ClientSampleId :

VICV151

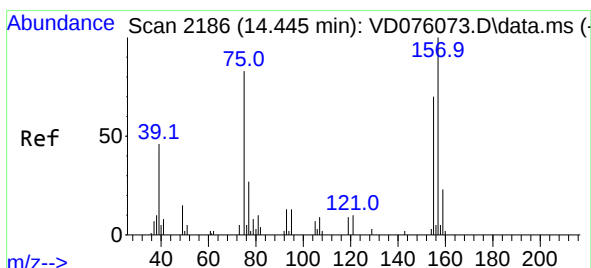
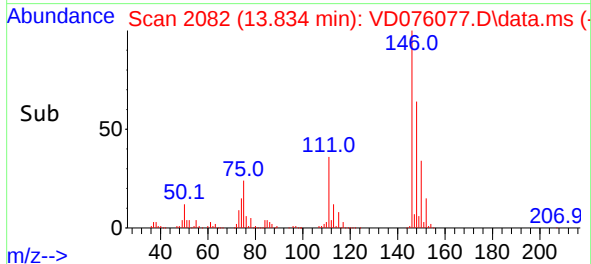
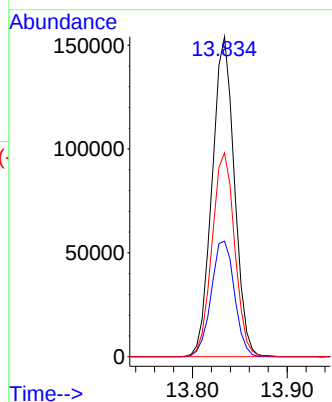
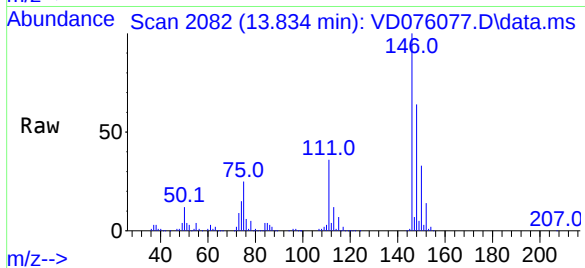
Tgt Ion:146 Resp: 252253

Ion Ratio Lower Upper

146 100

111 36.1 30.6 46.0

148 63.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.501 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076077.D

Acq: 11 May 2023 13:31

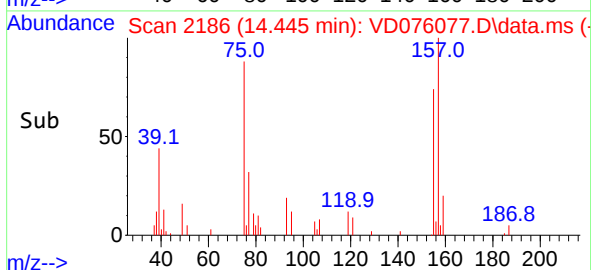
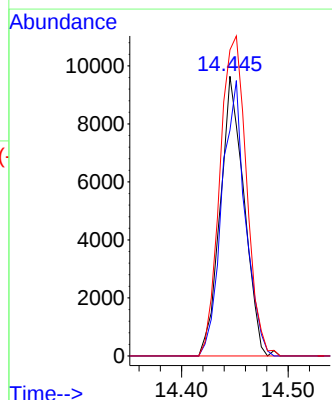
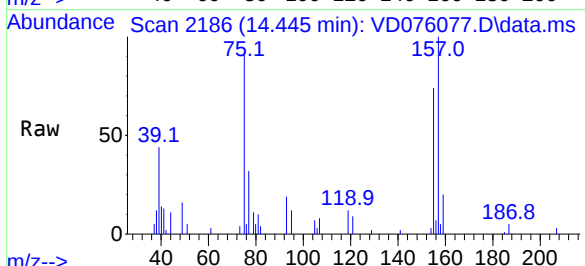
Tgt Ion: 75 Resp: 14927

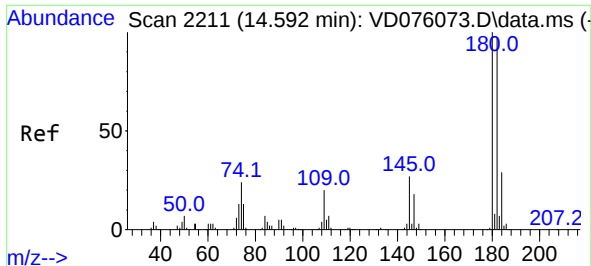
Ion Ratio Lower Upper

75 100

155 80.7 74.6 111.8

157 109.4 109.4 164.2#



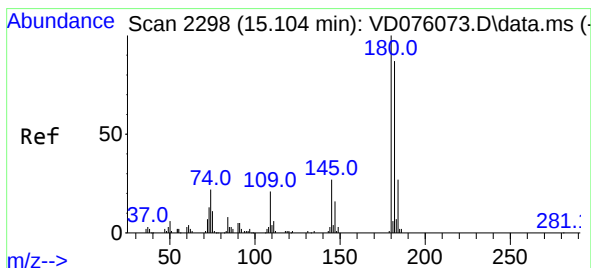
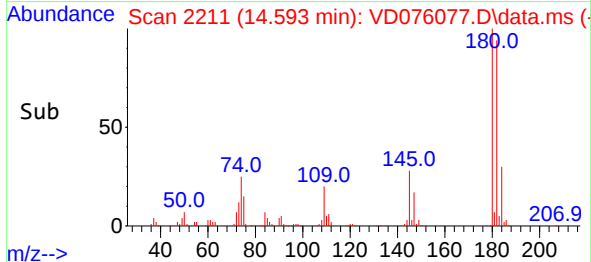
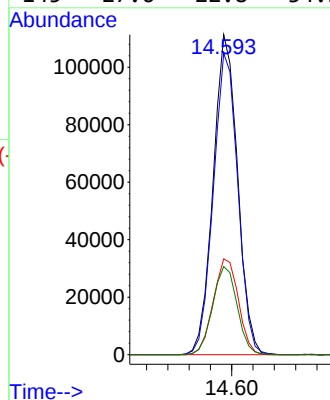
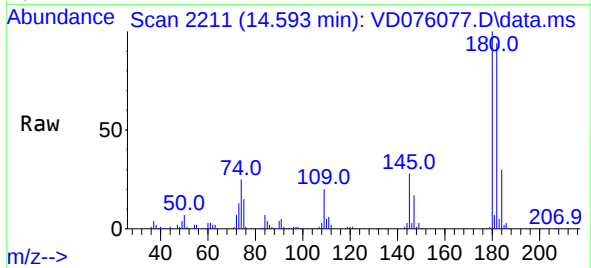


#69
1,3,5-Trichlorobenzene
Concen: 24.063 ug/L
RT: 14.593 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :
VICV151

Tgt Ion:180 Resp: 177425

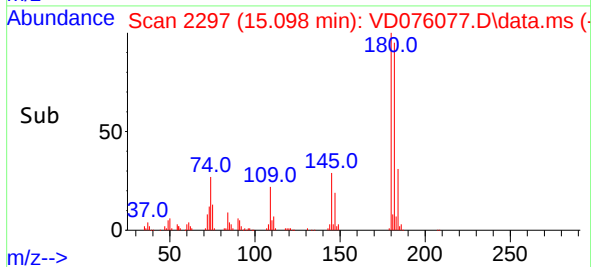
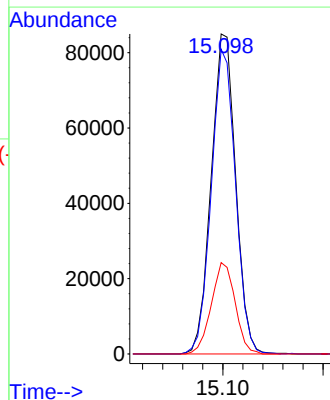
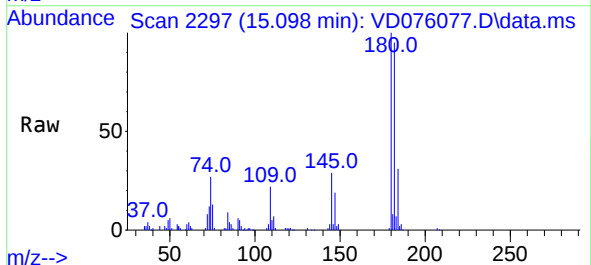
Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.9	112.3
184	30.7	25.0	37.4
145	27.6	22.8	34.2

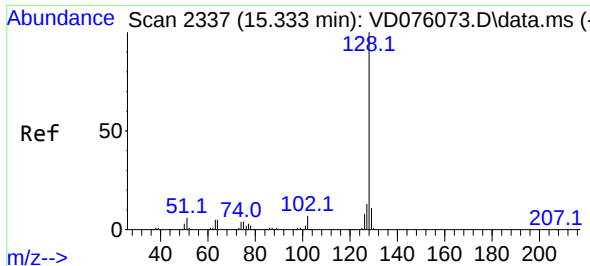


#70
1,2,4-trichlorobenzene
Concen: 24.661 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:180 Resp: 143908

Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.2
145	27.8	23.6	35.4

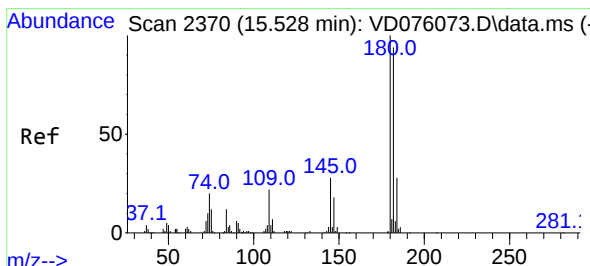
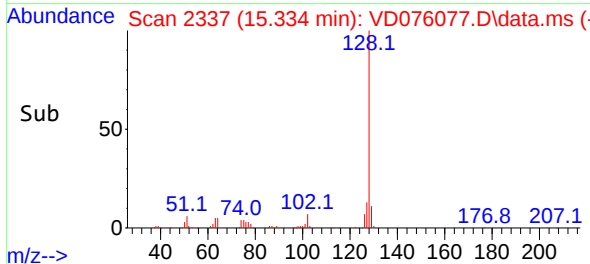
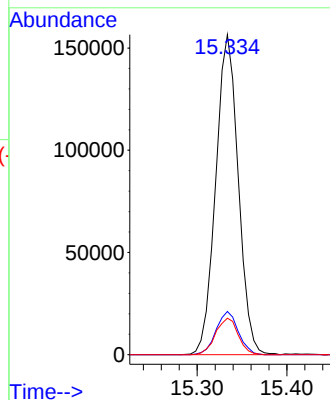
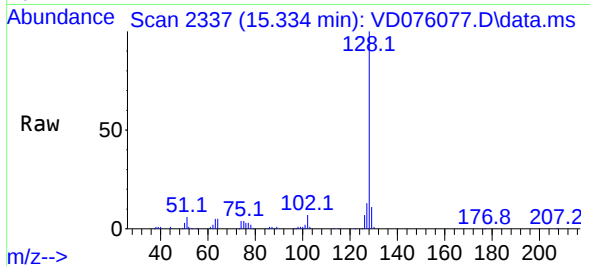




#71
Naphthalene
Concen: 24.898 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Instrument :
MSVOA_D
ClientSampleId :
VICV151

Tgt Ion:128 Resp: 273029
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.4 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 25.660 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076077.D
Acq: 11 May 2023 13:31

Tgt Ion:180 Resp: 136165
Ion Ratio Lower Upper
180 100
182 93.6 76.3 114.5
145 28.3 25.0 37.6

