

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038226.D
 Acq On : 20 Nov 2024 19:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	250287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	265297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	138804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	89944	4.689	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.529	69	75687	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.053	65	40091	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.793	46	192159	50.071	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.140%
24) Chloroform-d	4.243	84	183293	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.937	65	86009	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.953	84	331636	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.982	67	99722	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.236	98	318259	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.554	79	37918	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.021	63	154747	50.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92556	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	121631	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	81819	3.455	ug/L	99
3) Chloromethane	1.214	50	73800	3.619	ug/L	100
5) Vinyl chloride	1.278	62	81062	3.508	ug/L	100
6) Bromomethane	1.484	94	40340	4.478	ug/L	99
8) Chloroethane	1.545	64	49546	3.365	ug/L	99
9) Trichlorofluoromethane	1.709	101	115206	3.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	66064	3.520	ug/L	98
12) 1,1-Dichloroethene	2.063	96	61658	3.449	ug/L	87
13) Acetone	2.127	43	96373	33.954	ug/L	99
14) Carbon disulfide	2.233	76	188848	3.279	ug/L	99
15) Methyl Acetate	2.381	43	23876	3.464	ug/L	97
16) Methylene chloride	2.442	84	69491	3.409	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	134506	3.328	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	63713	3.383	ug/L	100
19) 1,1-Dichloroethane	3.104	63	118320	3.461	ug/L	97
21) 2-Butanone	3.883	43	121942	29.934	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	66148	3.397	ug/L	97
23) Bromochloromethane	4.143	128	33428	3.516	ug/L	94
25) Chloroform	4.268	83	127510	3.487	ug/L	96

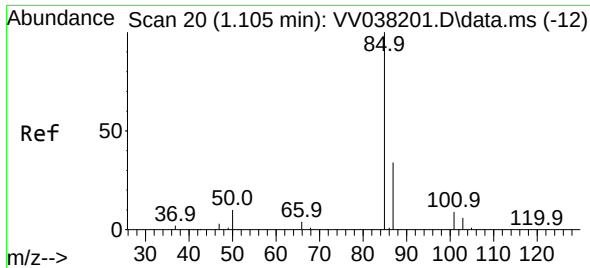
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038226.D
 Acq On : 20 Nov 2024 19:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	70275	3.532	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	109155	3.431	ug/L	98
30) Cyclohexane	4.571	56	80347	3.045	ug/L	98
31) Carbon tetrachloride	4.725	117	96562	3.440	ug/L	99
33) Benzene	5.005	78	253314	3.399	ug/L	100
34) Trichloroethene	5.831	95	66878	3.292	ug/L	99
35) Methylcyclohexane	6.040	83	88741	3.088	ug/L	99
37) 1,2-Dichloropropane	6.088	63	62026	3.323	ug/L	99
38) Bromodichloromethane	6.429	83	86340	3.441	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	83921	3.221	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	330942	33.875	ug/L	99
42) Toluene	7.310	91	276372	3.502	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	76039	3.455	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	54281	3.586	ug/L	97
47) Tetrachloroethene	7.898	164	54440	3.335	ug/L	99
48) 2-Hexanone	8.072	43	252234	35.604	ug/L	98
49) Dibromochloromethane	8.169	129	56619	3.431	ug/L	98
50) 1,2-Dibromoethane	8.278	107	49641	3.537	ug/L	99
51) Chlorobenzene	8.808	112	181792	3.343	ug/L	99
52) Ethylbenzene	8.940	91	268708	3.209	ug/L	100
53) m,p-Xylene	9.066	106	103860	3.287	ug/L	97
54) o-Xylene	9.471	106	97604	3.173	ug/L	94
55) Styrene	9.490	104	179344	3.308	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	60793	3.434	ug/L	99
59) Bromoform	9.660	173	28667	3.549	ug/L	99
60) Isopropylbenzene	9.860	105	267940	3.351	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	42277	3.558	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	196706	3.101	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	197509	3.122	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	140164	3.265	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	147367	3.396	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	135484	3.410	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	9640	3.614	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	93026	3.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	74005	2.944	ug/L	97
71) Naphthalene	13.435	128	99623	2.548	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	69183	2.979	ug/L	99

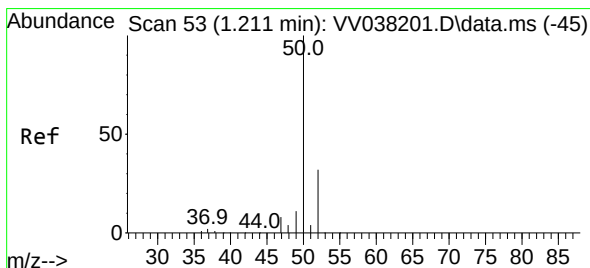
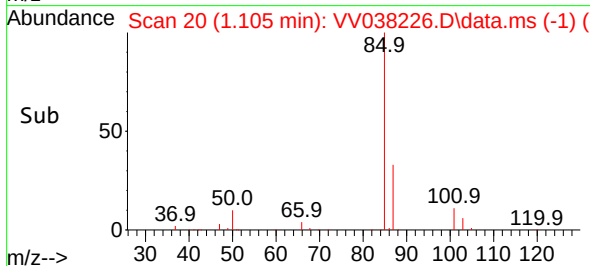
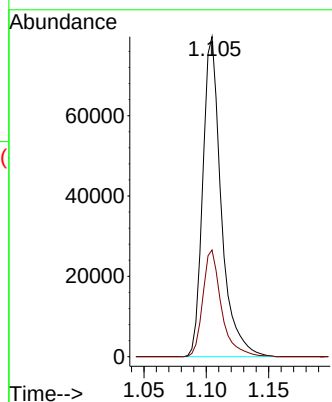
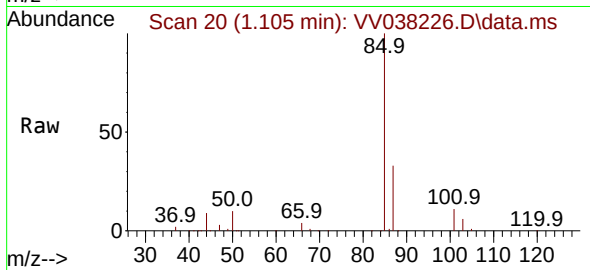
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 3.455 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

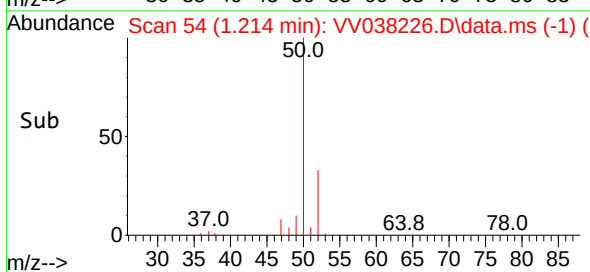
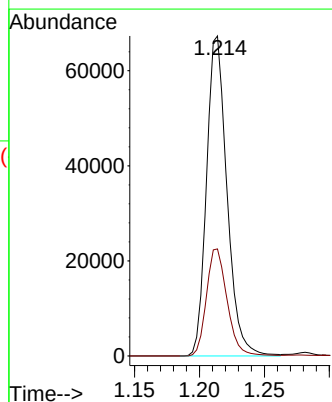
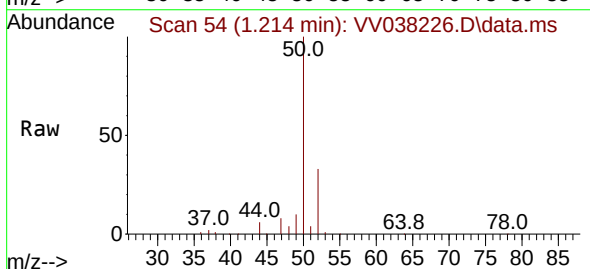
Instrument :
MSVOA_V
ClientSampleId :

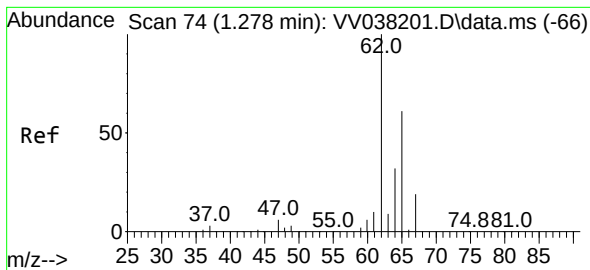
Tgt Ion: 85 Resp: 81819
Ion Ratio Lower Upper
85 100
87 33.9 26.5 39.7



#3
Chloromethane
Concen: 3.619 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 50 Resp: 73800
Ion Ratio Lower Upper
50 100
52 33.5 23.5 43.7

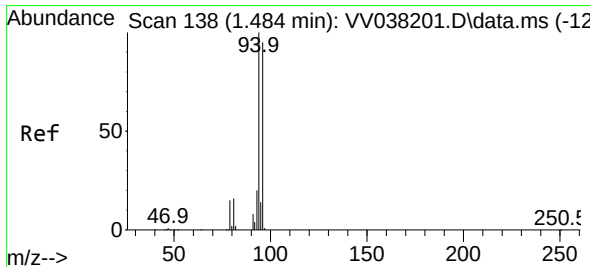
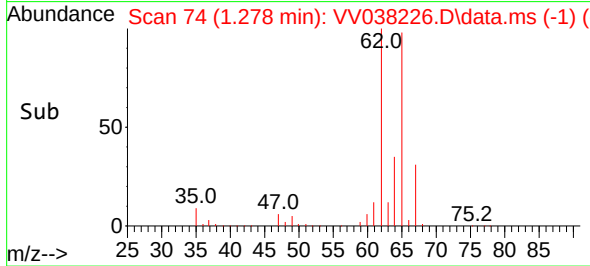
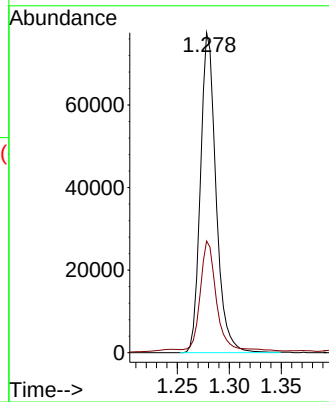
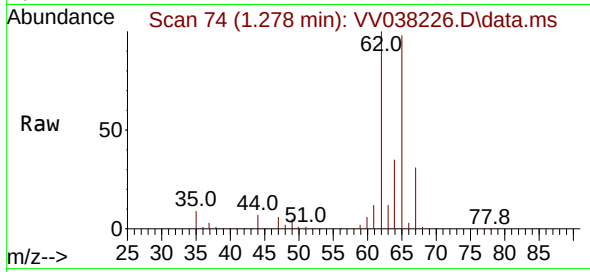




#5
 Vinyl chloride
 Concen: 3.508 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

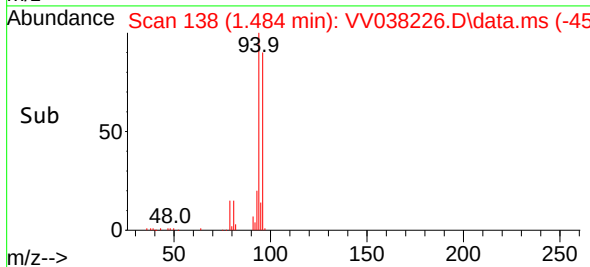
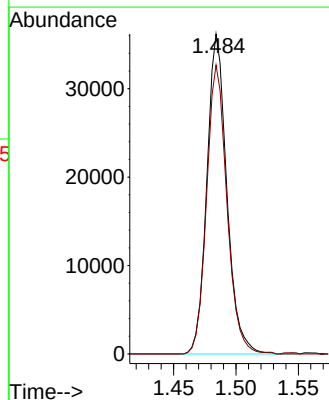
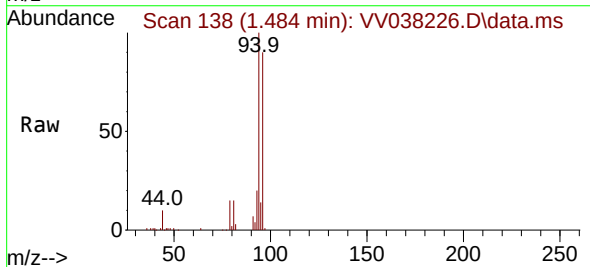
Instrument :
 MSVOA_V
 ClientSampleId :

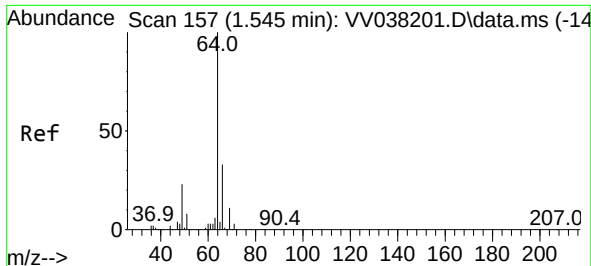
Tgt Ion: 62 Resp: 81062
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.4



#6
 Bromomethane
 Concen: 4.478 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

Tgt Ion: 94 Resp: 40340
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.7 118.3

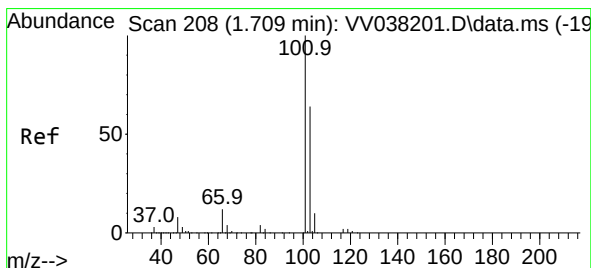
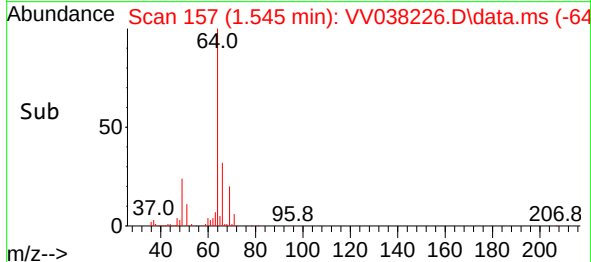
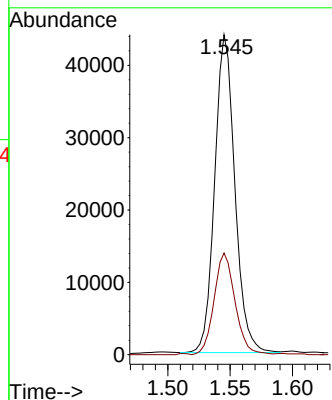
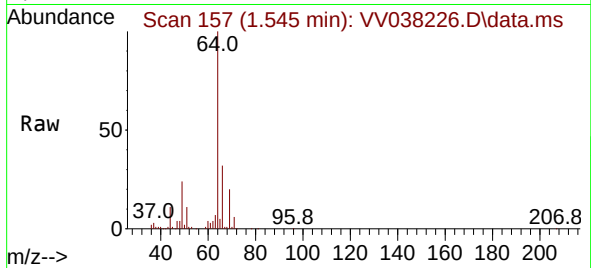




#8
Chloroethane
Concen: 3.365 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

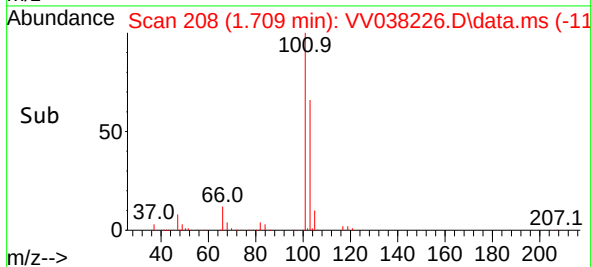
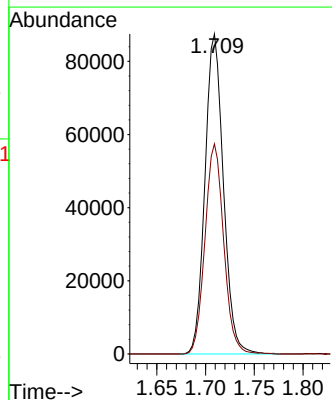
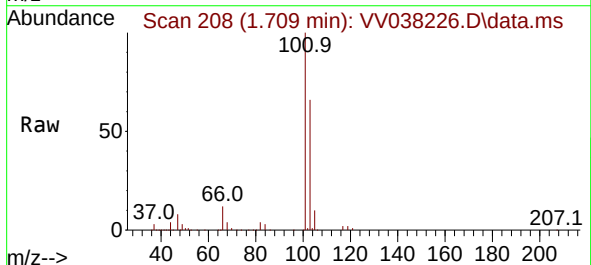
Instrument :
MSVOA_V
ClientSampleId :

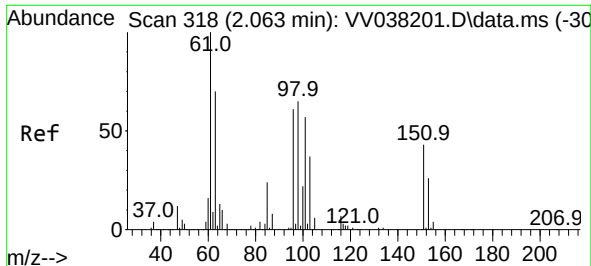
Tgt Ion: 64 Resp: 49546
Ion Ratio Lower Upper
64 100
66 31.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 3.504 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 101 Resp: 115206
Ion Ratio Lower Upper
101 100
103 66.7 51.5 77.3

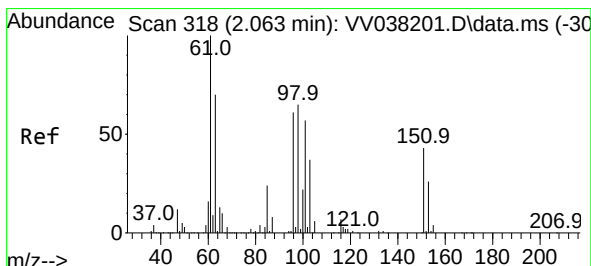
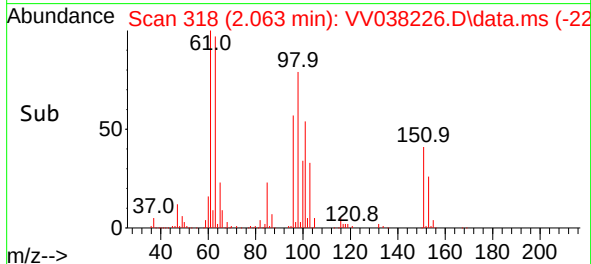
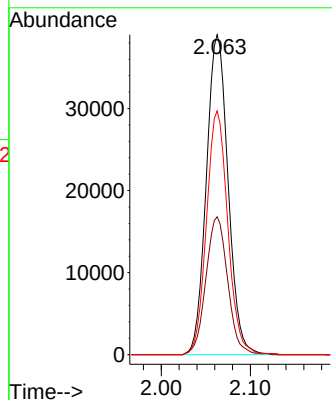
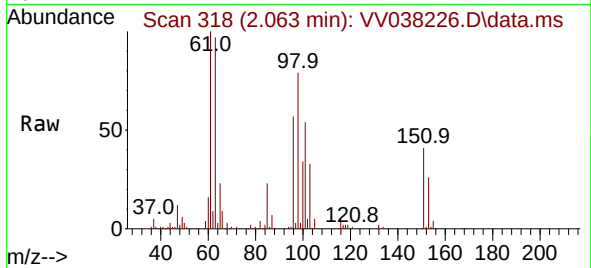




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.520 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

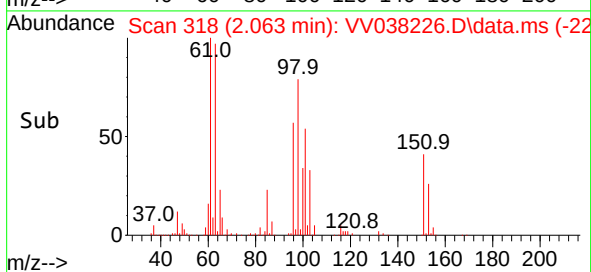
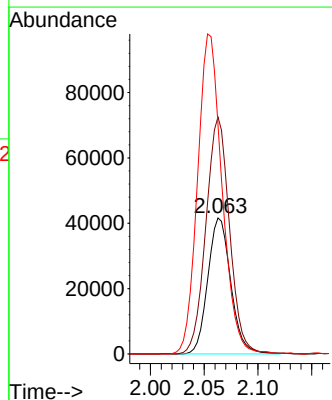
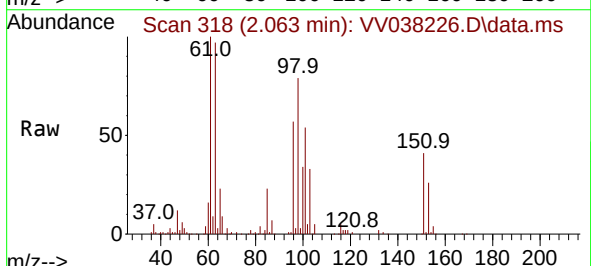
Instrument :
 MSVOA_V
 ClientSampleId :

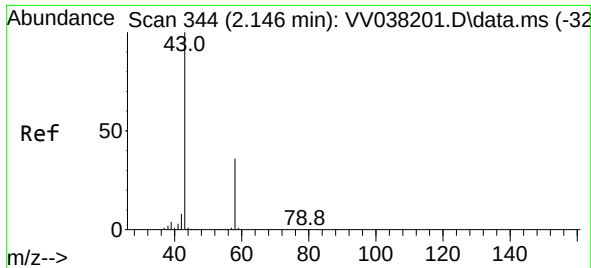
Tgt Ion:101 Resp: 66064
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.4 50.0
 151 74.6 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 3.449 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

Tgt Ion: 96 Resp: 61658
 Ion Ratio Lower Upper
 96 100
 61 174.2 115.7 214.9
 63 168.9 101.1 187.7





#13

Acetone

Concen: 33.954 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

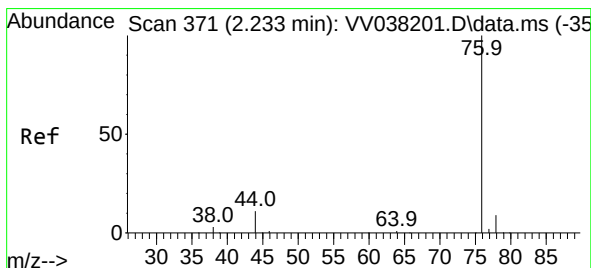
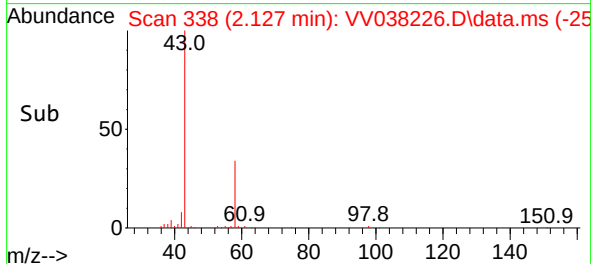
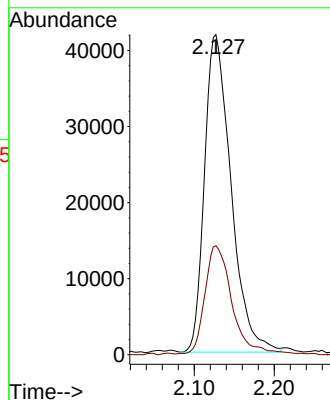
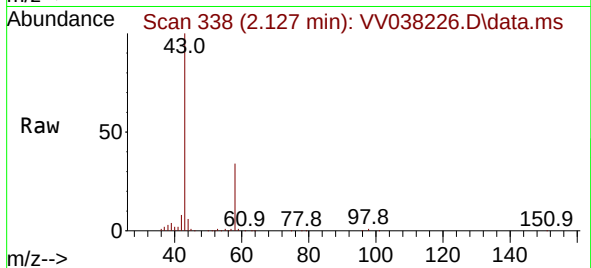
ClientSampleId :

Tgt Ion: 43 Resp: 96373

Ion Ratio Lower Upper

43 100

58 34.3 0.0 67.2



#14

Carbon disulfide

Concen: 3.279 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038226.D

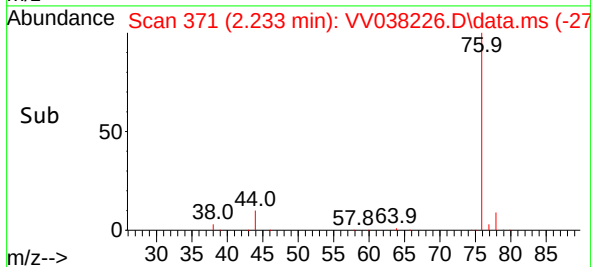
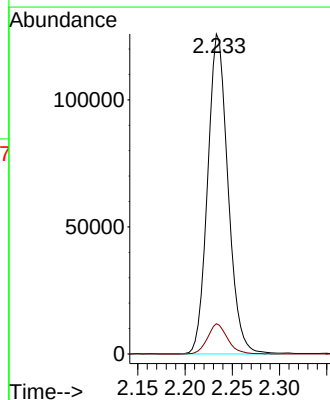
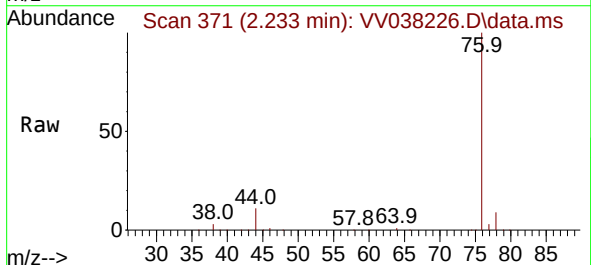
Acq: 20 Nov 2024 19:34

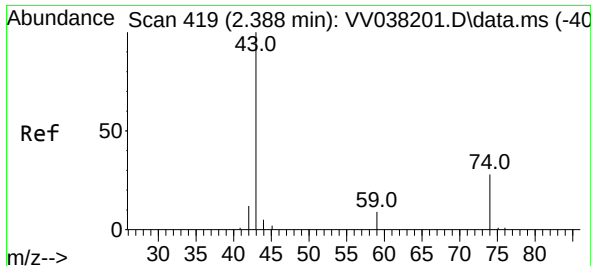
Tgt Ion: 76 Resp: 188848

Ion Ratio Lower Upper

76 100

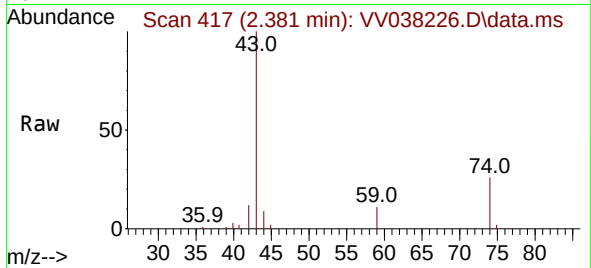
78 9.5 7.4 11.0



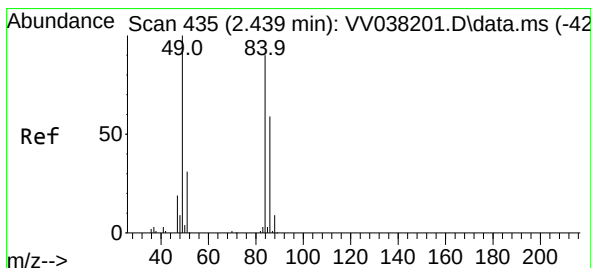
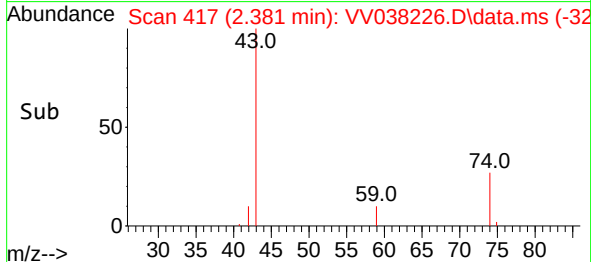
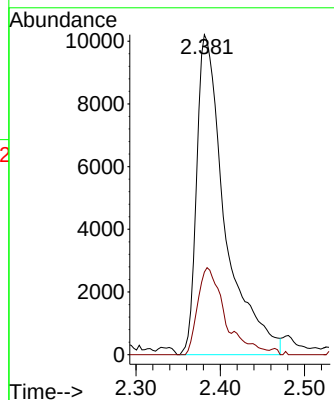


#15
Methyl Acetate
Concen: 3.464 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.007 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Instrument :
MSVOA_V
ClientSampleId :

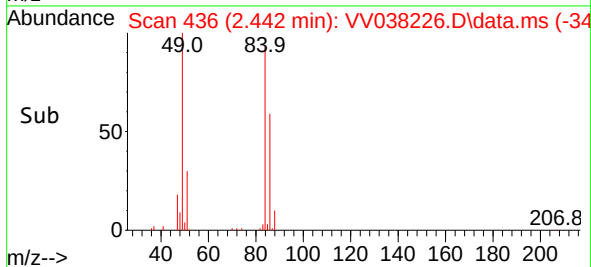
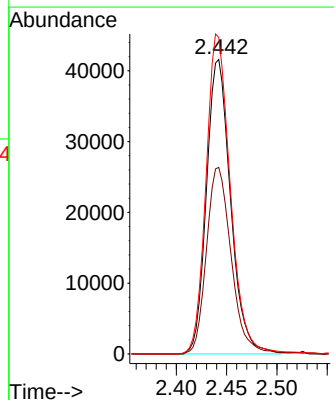
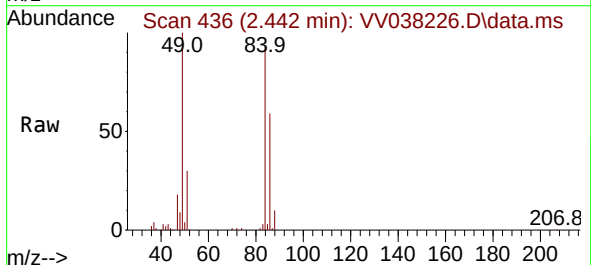


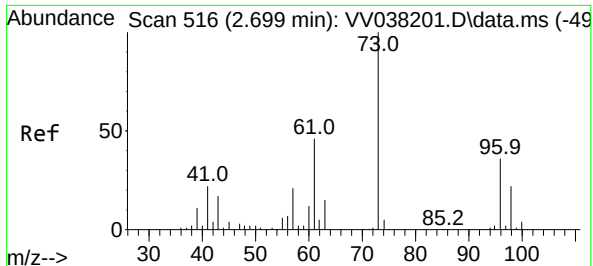
Tgt Ion: 43 Resp: 23876
Ion Ratio Lower Upper
43 100
74 26.4 22.4 33.6



#16
Methylene chloride
Concen: 3.409 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 84 Resp: 69491
Ion Ratio Lower Upper
84 100
86 63.4 44.2 82.2
49 107.4 74.9 139.1

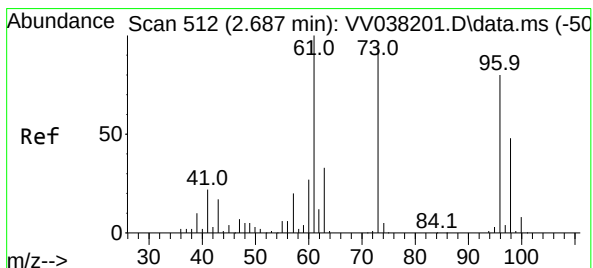
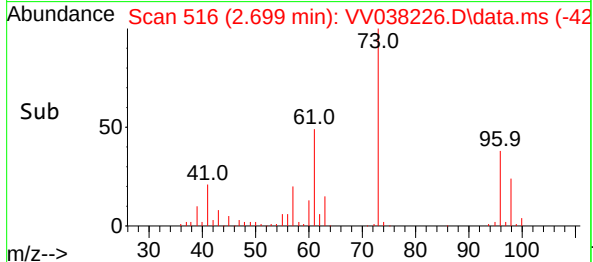
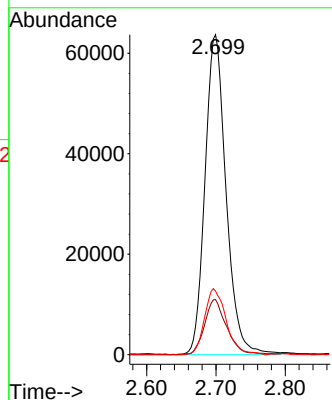
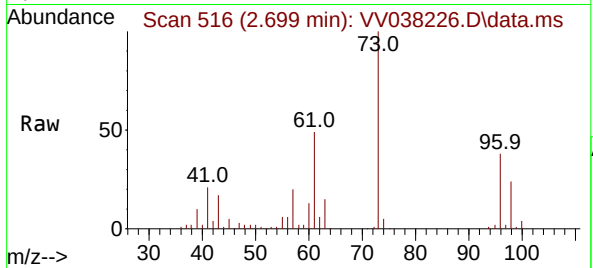




#17
Methyl tert-butyl Ether
Concen: 3.328 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

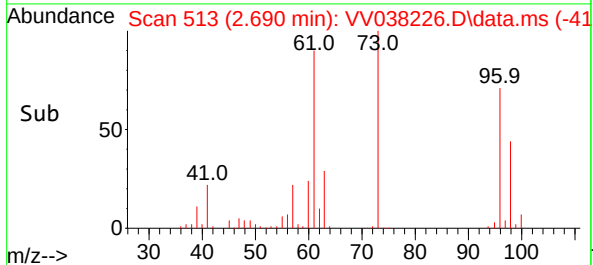
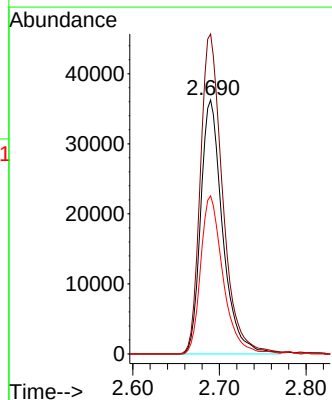
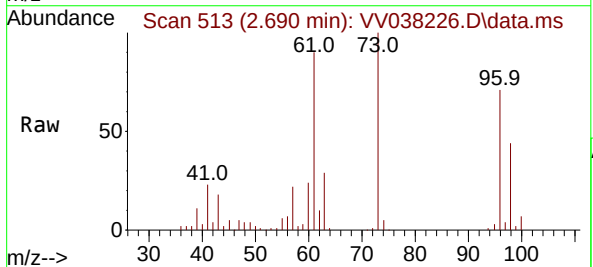
Instrument :
MSVOA_V
ClientSampleId :

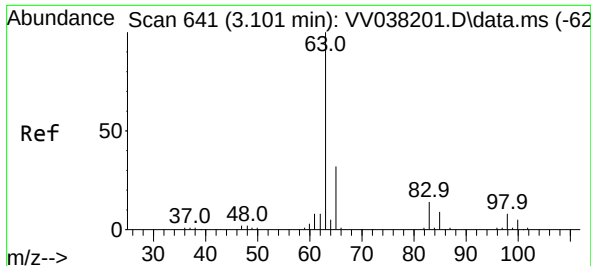
Tgt Ion: 73 Resp: 134506
Ion Ratio Lower Upper
73 100
43 18.2 14.2 21.2
57 21.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 3.383 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 96 Resp: 63713
Ion Ratio Lower Upper
96 100
61 126.0 88.5 164.4
98 62.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 3.461 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :

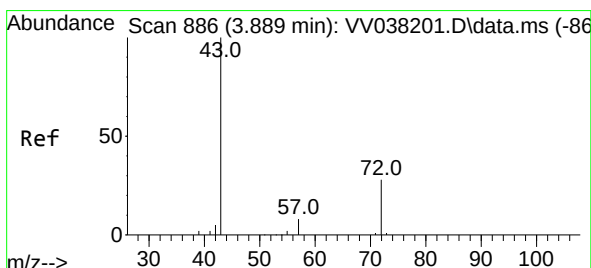
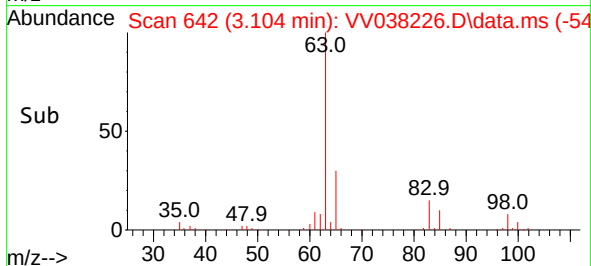
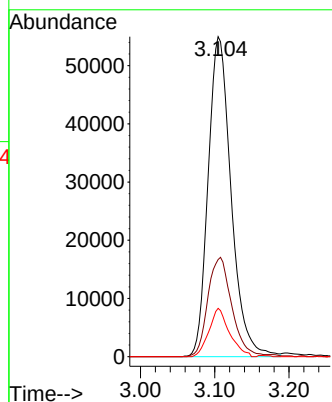
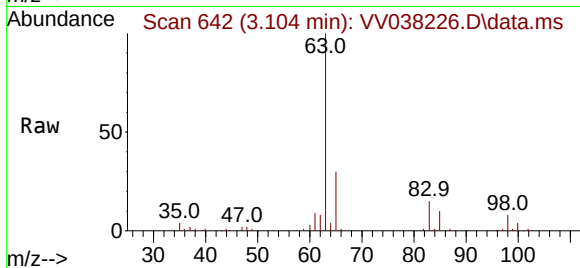
Tgt Ion: 63 Resp: 118320

Ion Ratio Lower Upper

63 100

65 30.4 22.5 41.7

83 15.1 10.1 18.9



#21

2-Butanone

Concen: 29.934 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.007 min

Lab File: VV038226.D

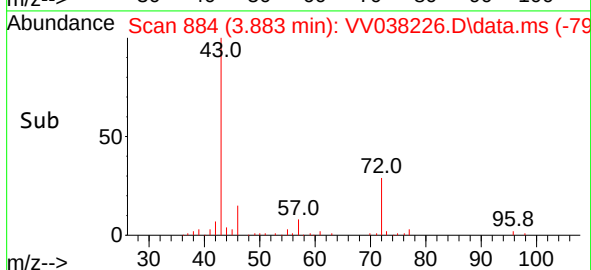
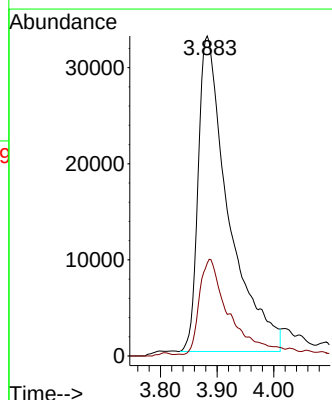
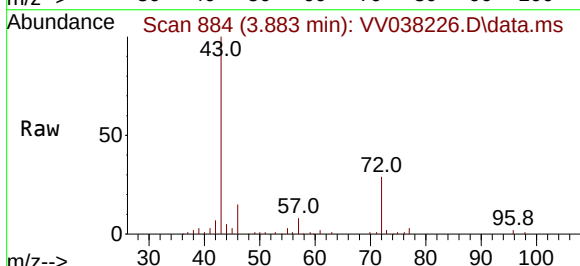
Acq: 20 Nov 2024 19:34

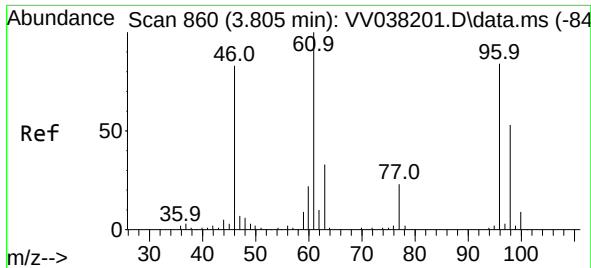
Tgt Ion: 43 Resp: 121942

Ion Ratio Lower Upper

43 100

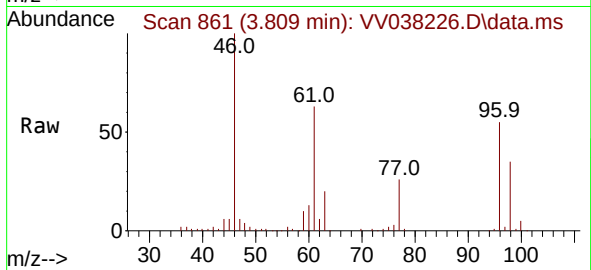
72 29.8 13.0 39.0



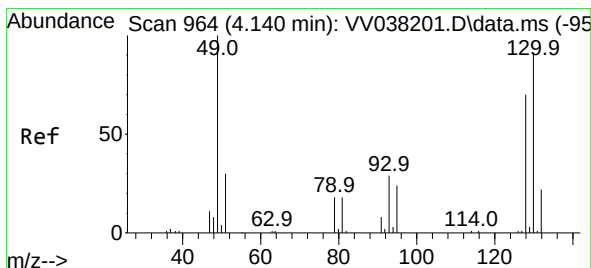
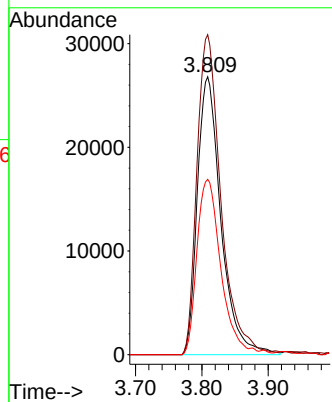
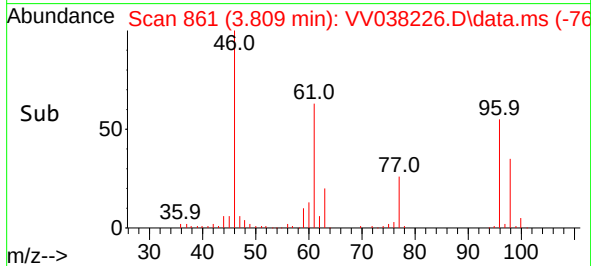


#22
 cis-1,2-Dichloroethene
 Concen: 3.397 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

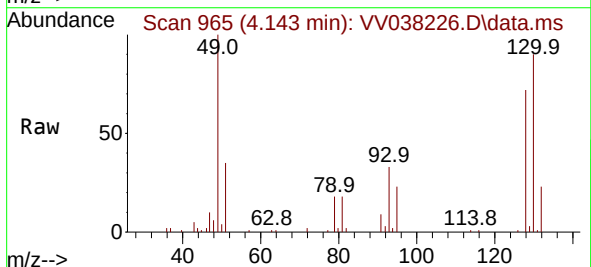
Instrument :
 MSVOA_V
 ClientSampleId :



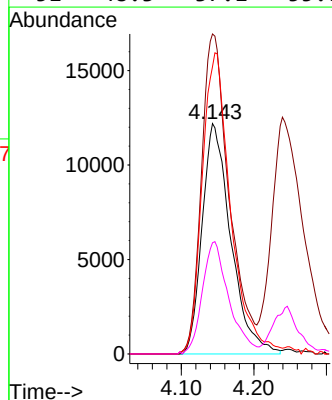
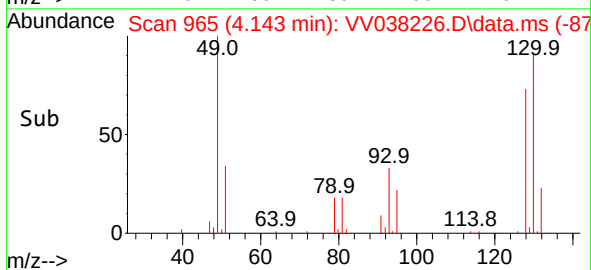
Tgt Ion: 96 Resp: 66148
 Ion Ratio Lower Upper
 96 100
 61 115.1 82.7 153.5
 98 63.1 46.3 85.9

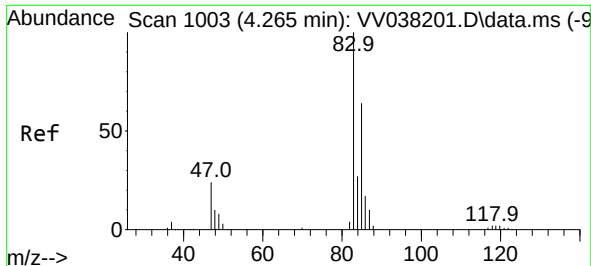


#23
 Bromochloromethane
 Concen: 3.516 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34



Tgt Ion: 128 Resp: 33428
 Ion Ratio Lower Upper
 128 100
 49 138.9 102.8 190.8
 130 124.8 93.6 173.8
 51 48.3 37.1 55.7

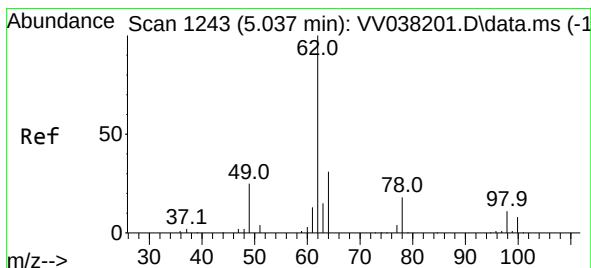
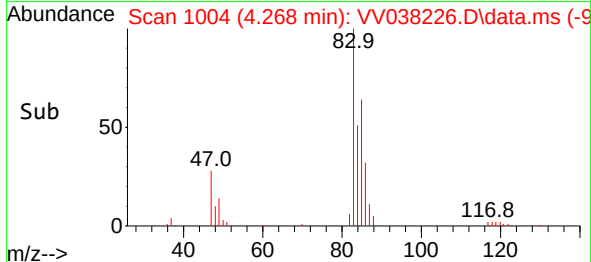
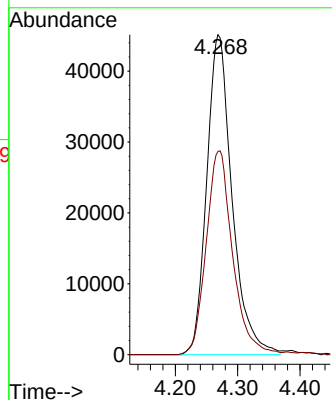
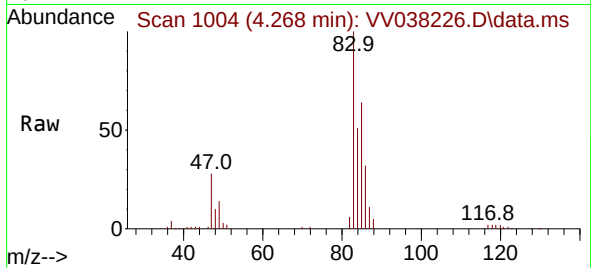




#25
Chloroform
Concen: 3.487 ug/L
RT: 4.268 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

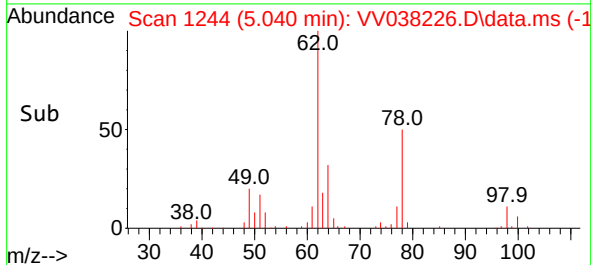
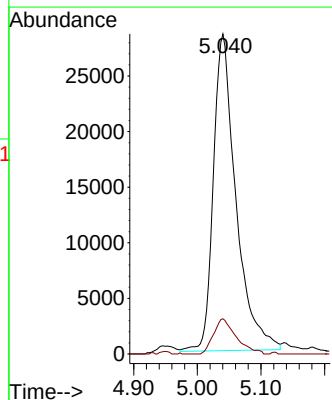
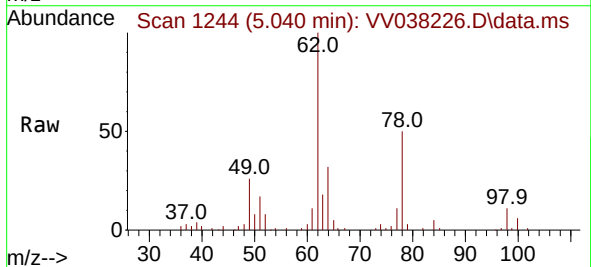
Instrument :
MSVOA_V
ClientSampleId :

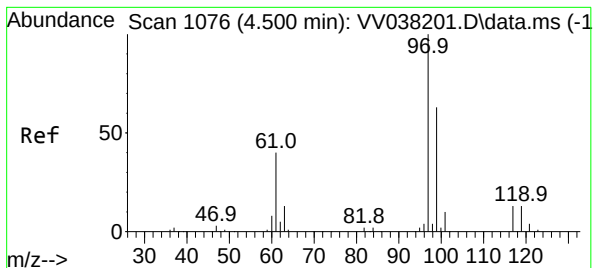
Tgt Ion: 83 Resp: 127510
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 3.532 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 62 Resp: 70275
Ion Ratio Lower Upper
62 100
98 11.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 3.431 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :

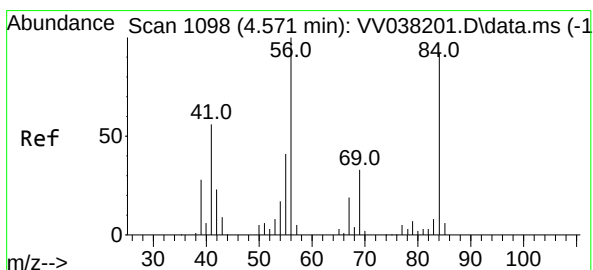
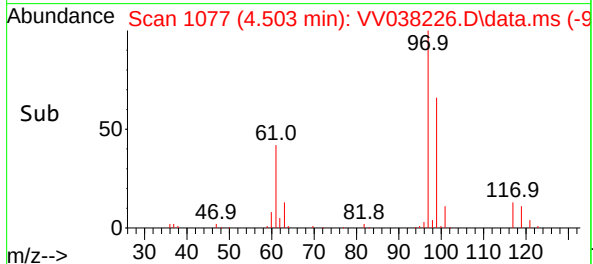
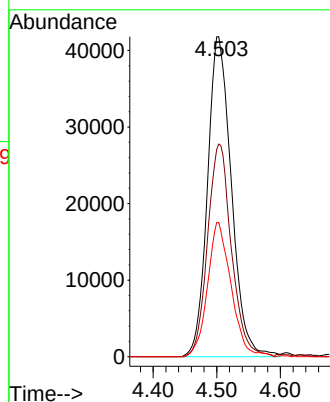
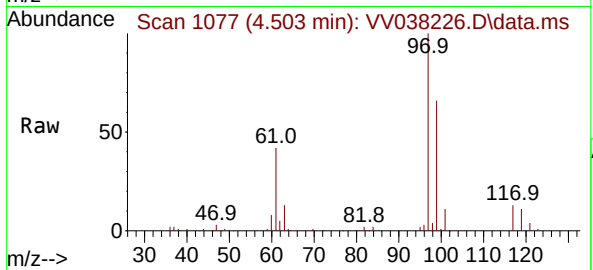
Tgt Ion: 97 Resp: 109155

Ion Ratio Lower Upper

97 100

99 66.1 51.8 77.8

61 41.2 32.2 48.2



#30

Cyclohexane

Concen: 3.045 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

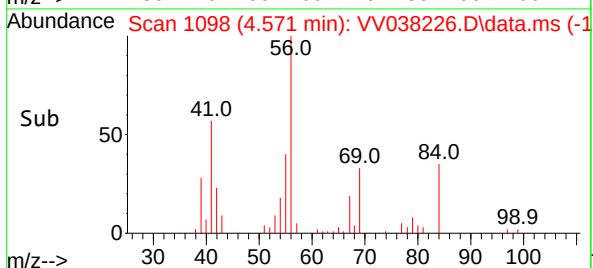
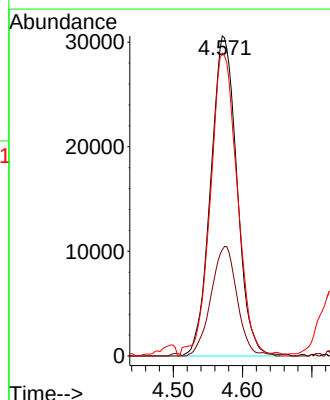
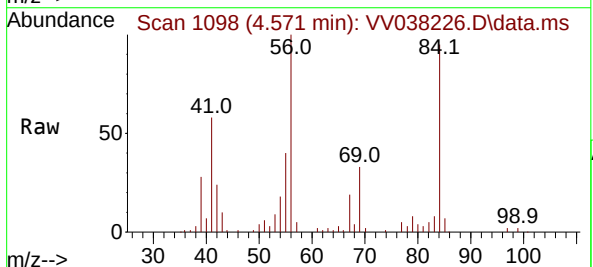
Tgt Ion: 56 Resp: 80347

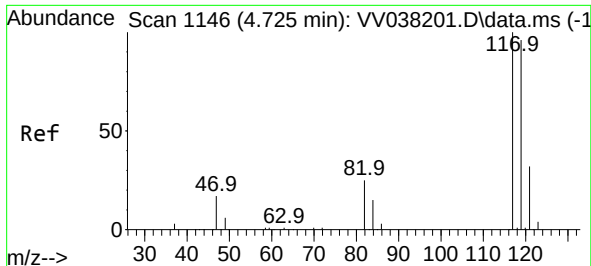
Ion Ratio Lower Upper

56 100

69 34.1 26.0 39.0

84 96.8 75.6 113.4

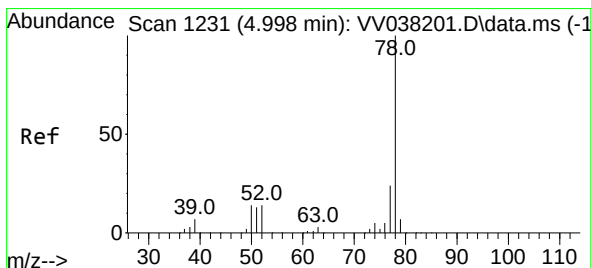
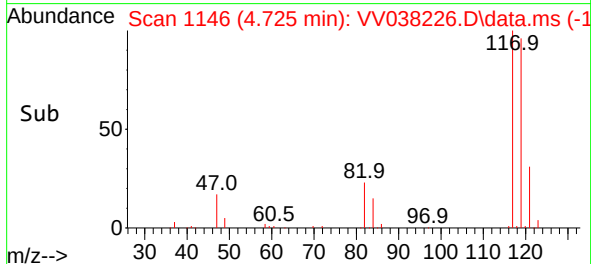
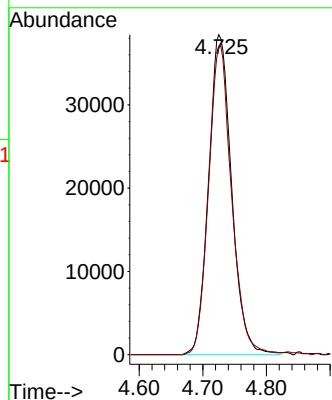
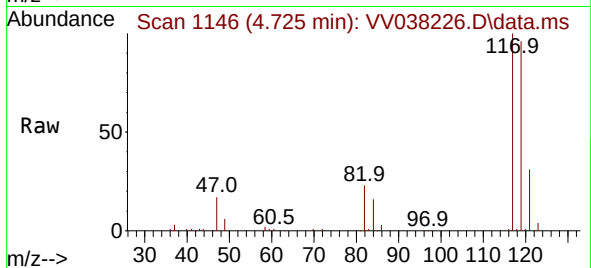




#31
Carbon tetrachloride
Concen: 3.440 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

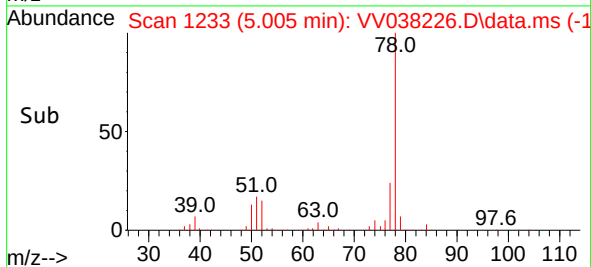
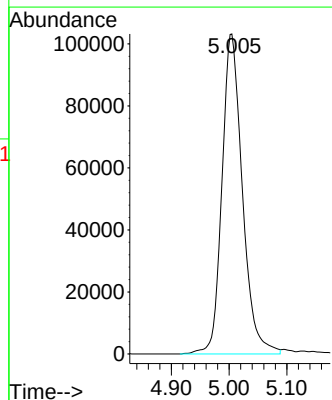
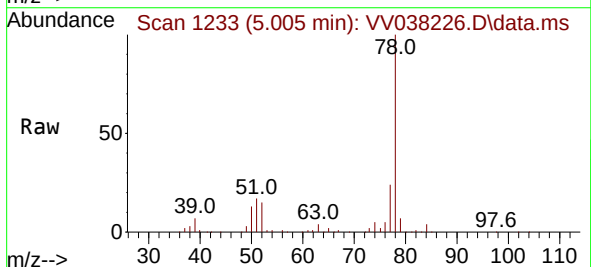
Instrument :
MSVOA_V
ClientSampleId :

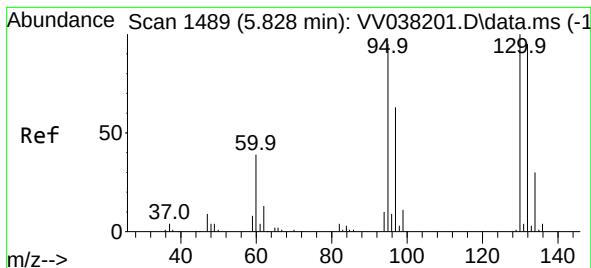
Tgt Ion:117 Resp: 96562
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2



#33
Benzene
Concen: 3.399 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 78 Resp: 253314





#34

Trichloroethene

Concen: 3.292 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 66878

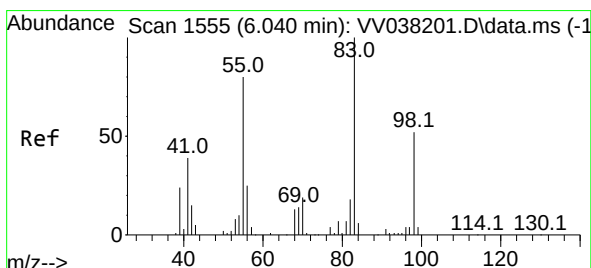
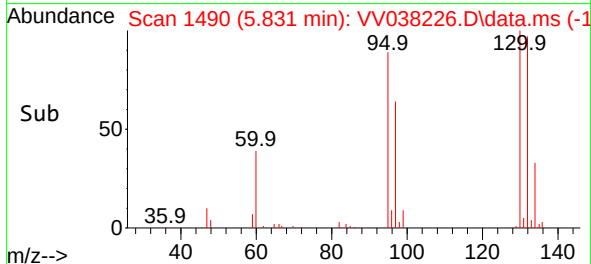
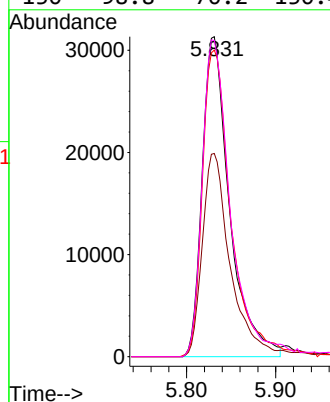
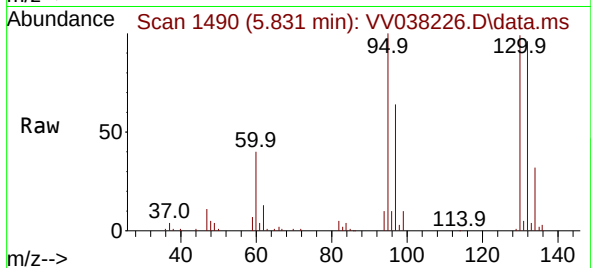
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 95.8 68.3 126.8

130 98.8 70.2 130.4



#35

Methylcyclohexane

Concen: 3.088 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

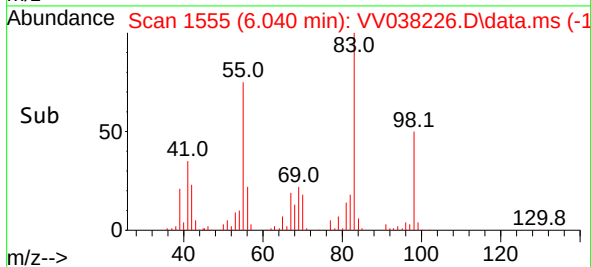
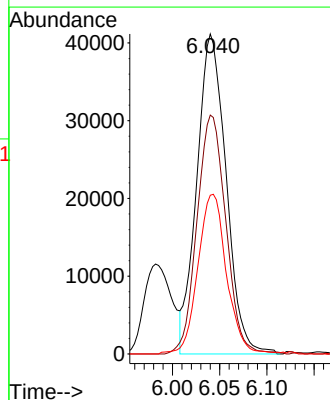
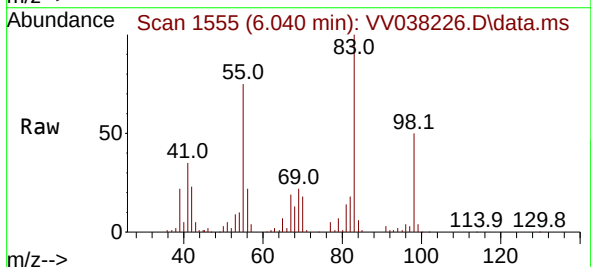
Tgt Ion: 83 Resp: 88741

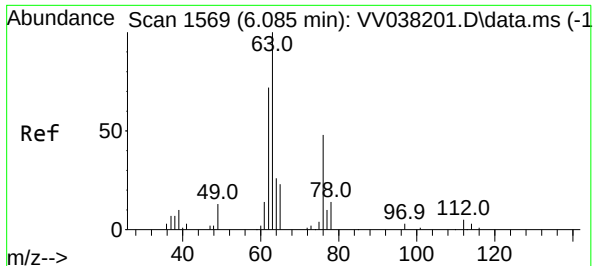
Ion Ratio Lower Upper

83 100

55 73.7 59.7 89.5

98 48.8 39.0 58.4

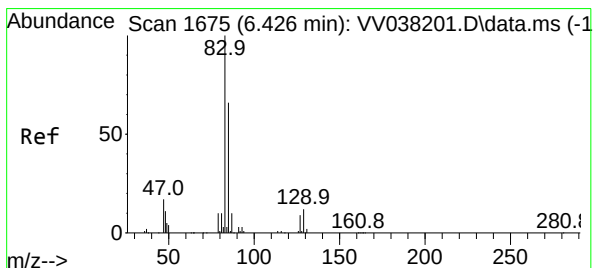
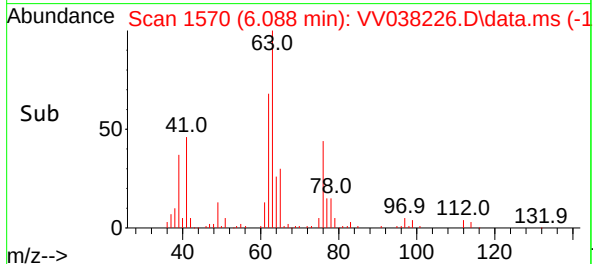
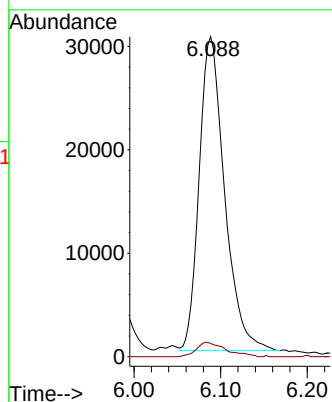
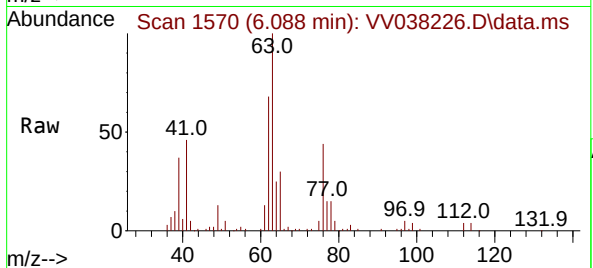




#37
1,2-Dichloropropane
Concen: 3.323 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

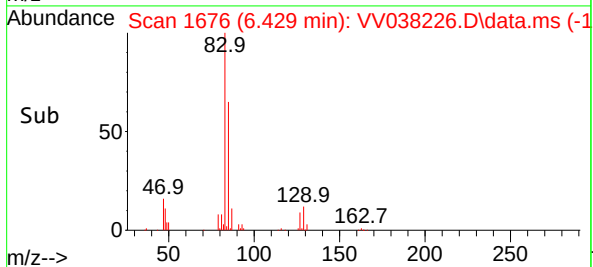
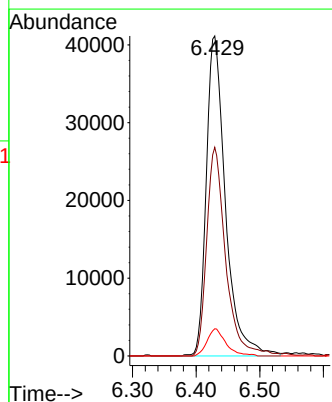
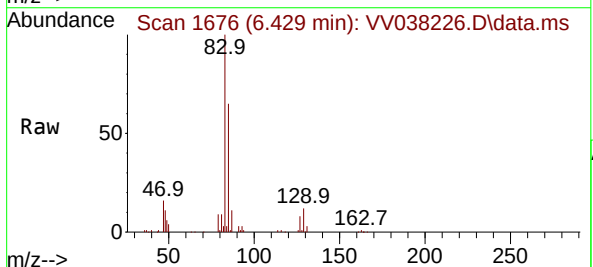
Instrument :
MSVOA_V
ClientSampleId :

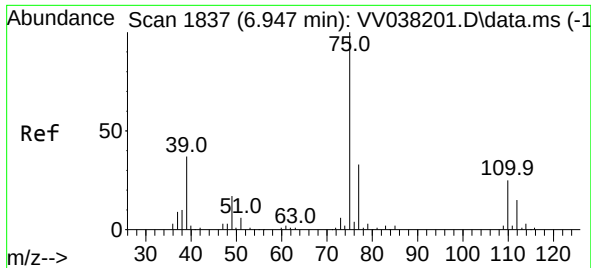
Tgt Ion: 63 Resp: 62026
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9



#38
Bromodichloromethane
Concen: 3.441 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 83 Resp: 86340
Ion Ratio Lower Upper
83 100
85 65.2 43.9 81.5
127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 3.221 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

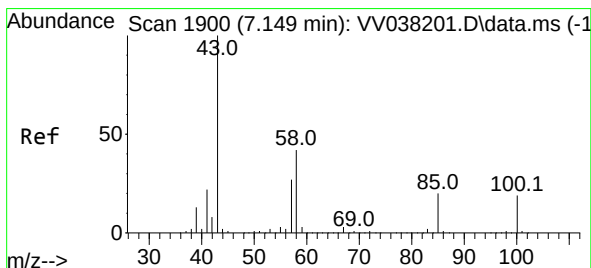
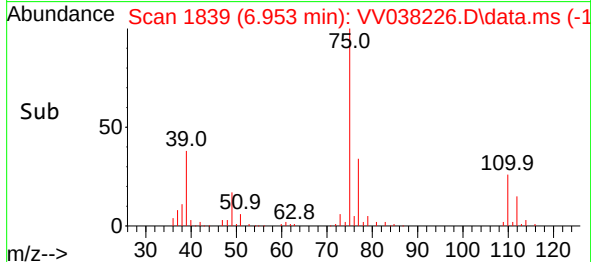
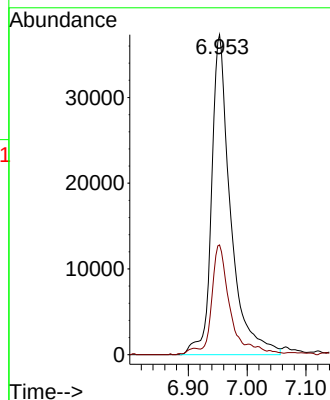
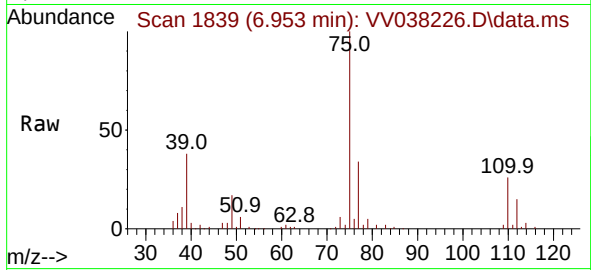
ClientSampleId :

Tgt Ion: 75 Resp: 83921

Ion Ratio Lower Upper

75 100

77 34.3 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 33.875 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

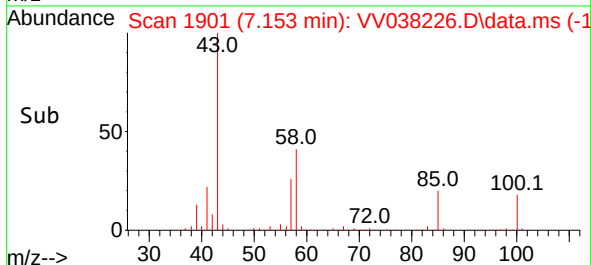
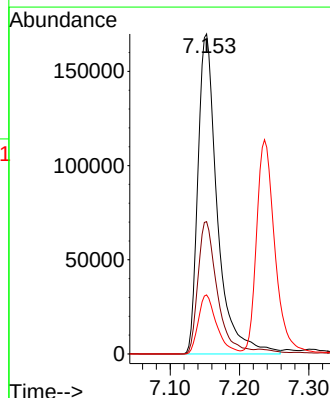
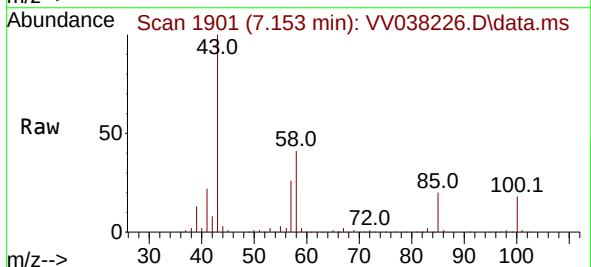
Tgt Ion: 43 Resp: 330942

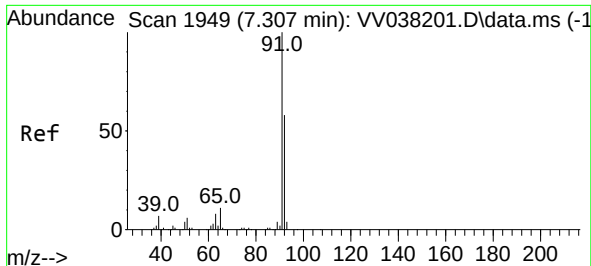
Ion Ratio Lower Upper

43 100

58 41.1 33.4 50.2

100 17.6 14.3 21.5





#42

Toluene

Concen: 3.502 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

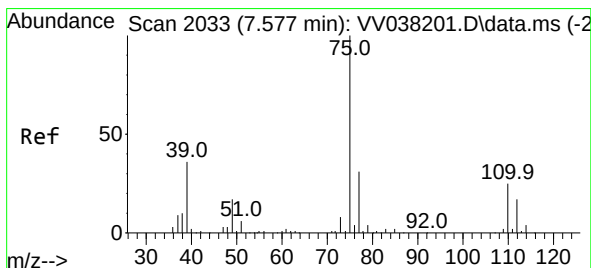
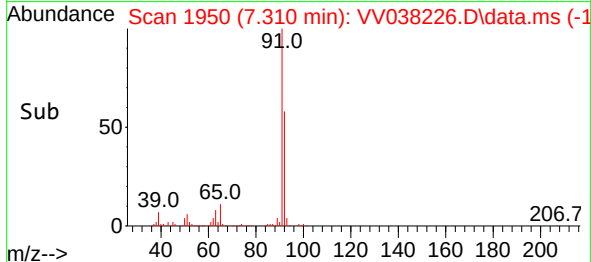
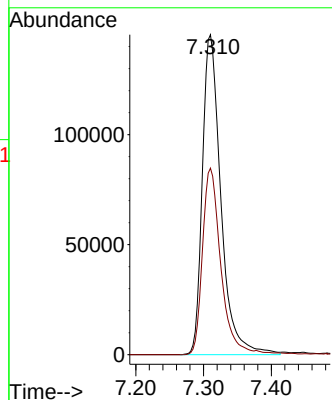
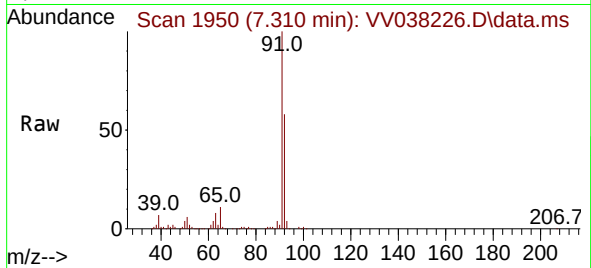
ClientSampleId :

Tgt Ion: 91 Resp: 276372

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 3.455 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV038226.D

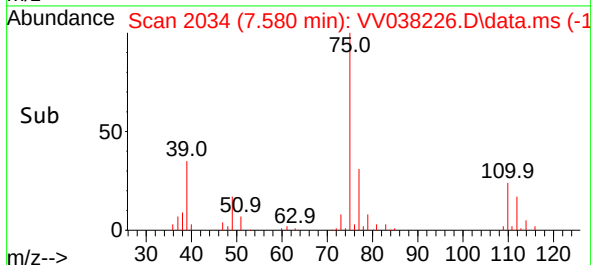
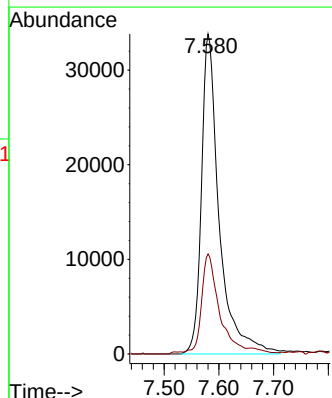
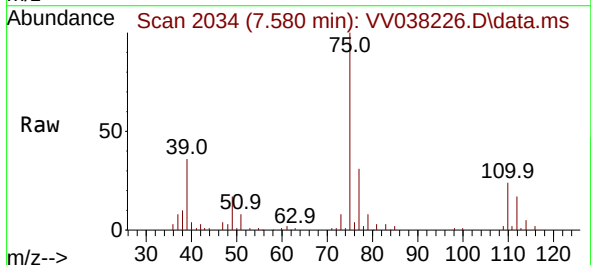
Acq: 20 Nov 2024 19:34

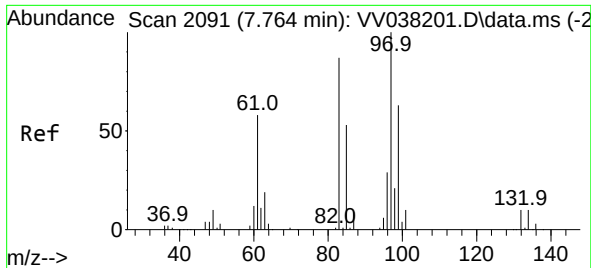
Tgt Ion: 75 Resp: 76039

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.4

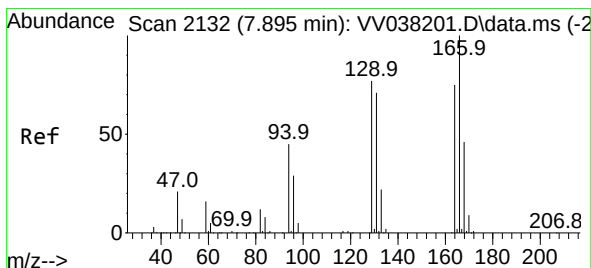
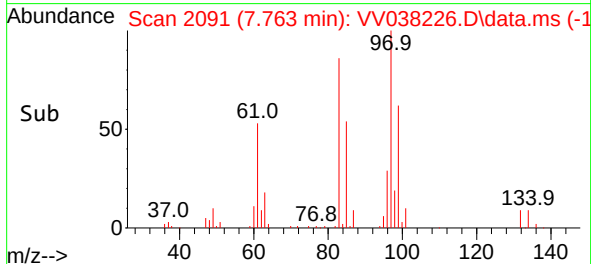
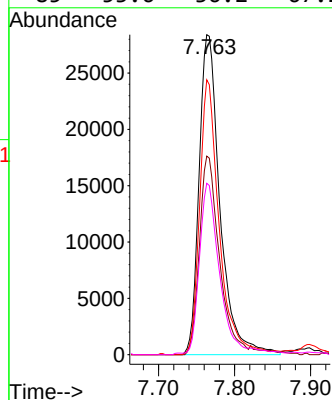
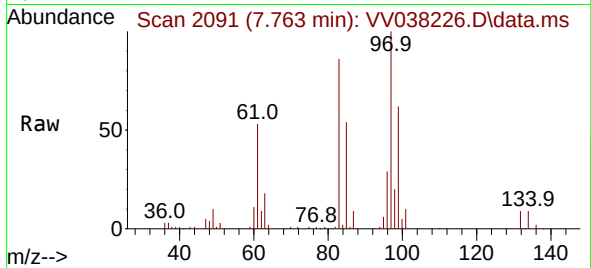




#45
1,1,2-Trichloroethane
Concen: 3.586 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

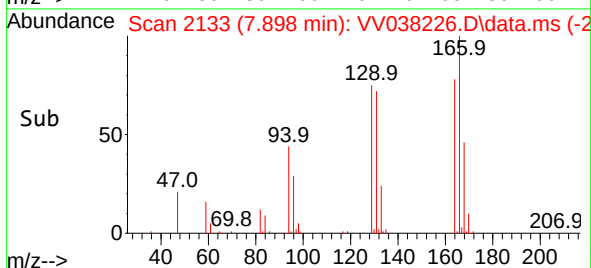
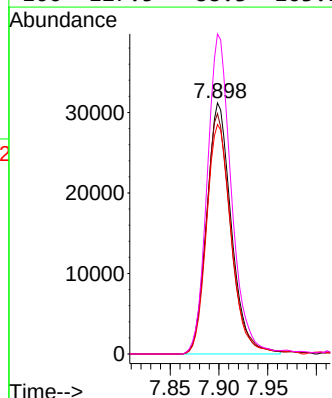
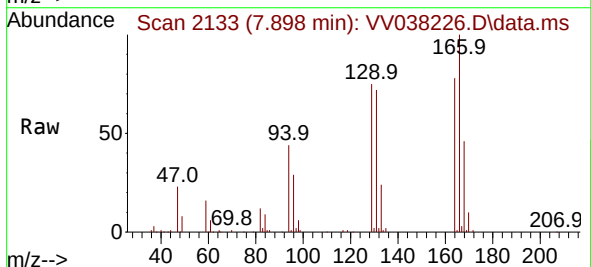
Instrument :
MSVOA_V
ClientSampleId :

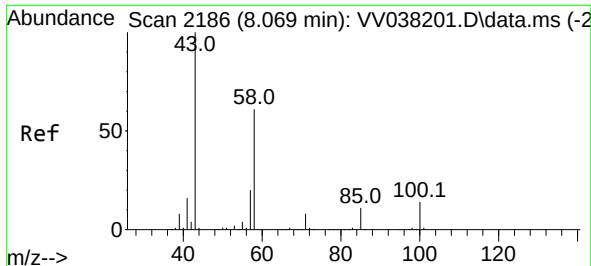
Tgt Ion:	97	Resp:	54281
Ion	Ratio	Lower	Upper
97	100		
99	62.0	41.9	77.7
83	85.9	57.7	107.1
85	53.6	36.2	67.2



#47
Tetrachloroethene
Concen: 3.335 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion:	164	Resp:	54440
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.5	127.1
131	91.4	64.8	120.4
166	127.5	88.3	163.9



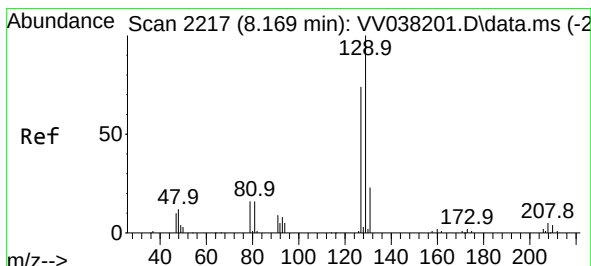
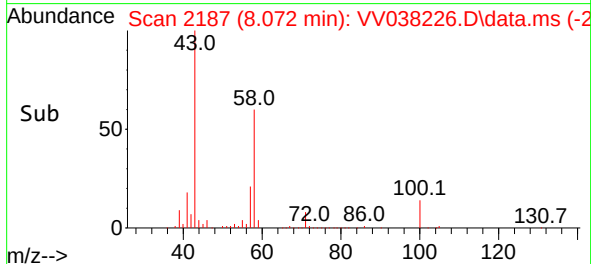
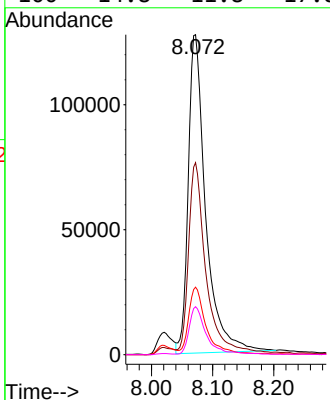
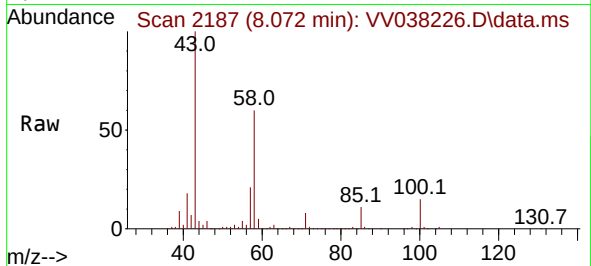


#48
2-Hexanone
Concen: 35.604 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 252234

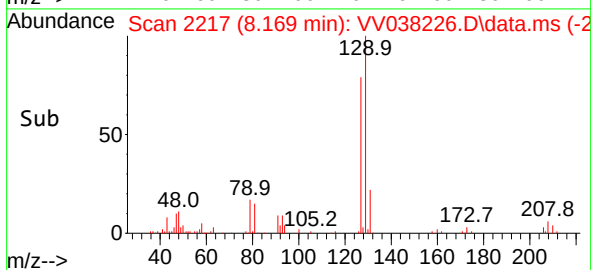
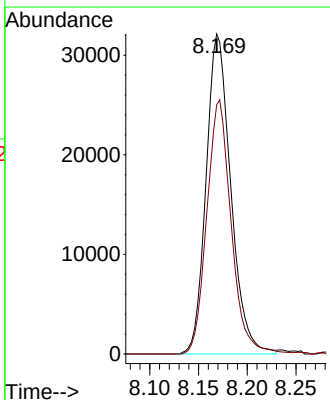
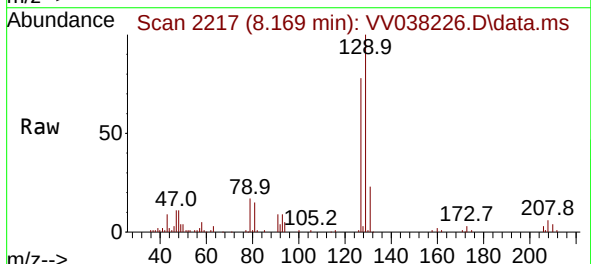
Ion	Ratio	Lower	Upper
43	100		
58	59.2	49.2	73.8
57	20.6	16.9	25.3
100	14.8	11.8	17.8

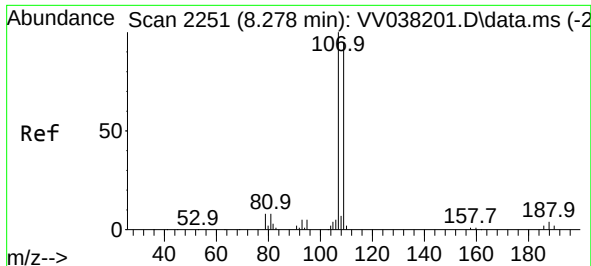


#49
Dibromochloromethane
Concen: 3.431 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 129 Resp: 56619

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.5	99.3





#50

1,2-Dibromoethane

Concen: 3.537 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

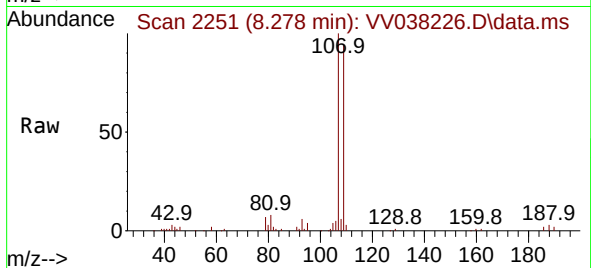
Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :



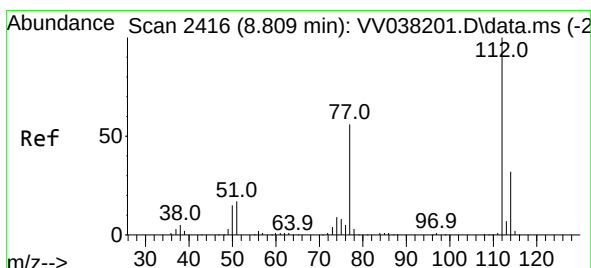
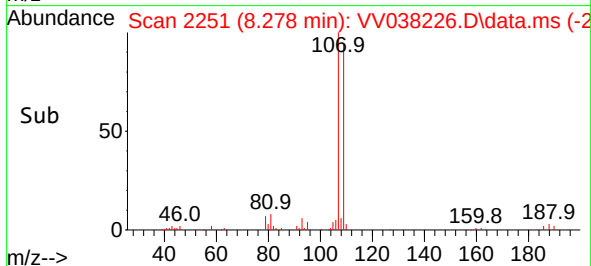
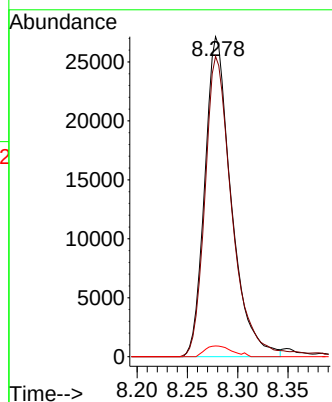
Tgt Ion:107 Resp: 49641

Ion Ratio Lower Upper

107 100

109 93.9 66.1 122.7

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 3.343 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

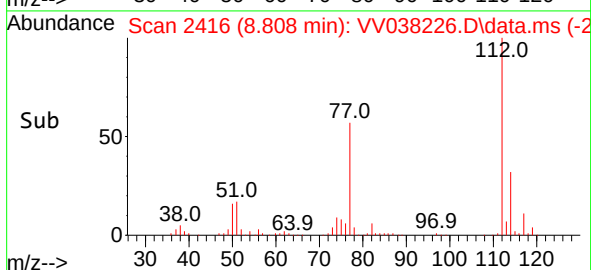
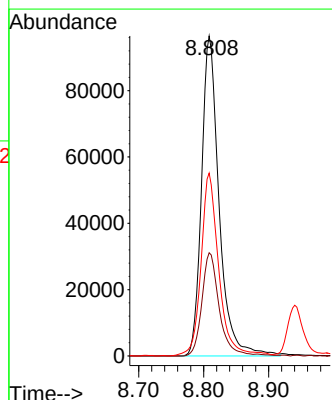
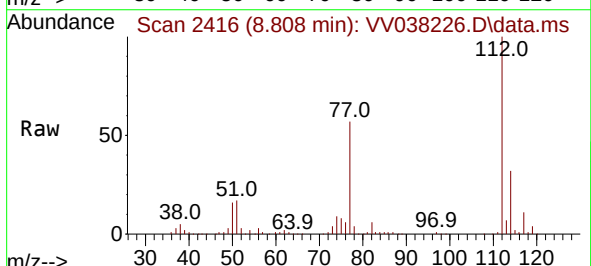
Tgt Ion:112 Resp: 181792

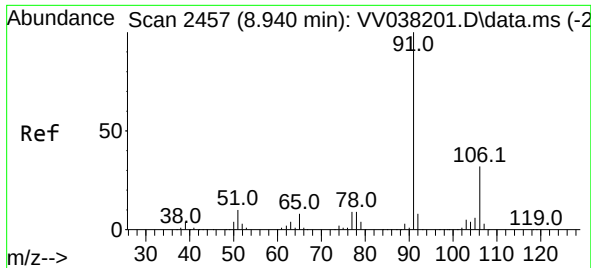
Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

77 57.1 45.0 67.4

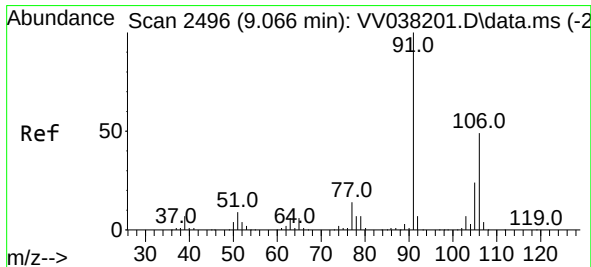
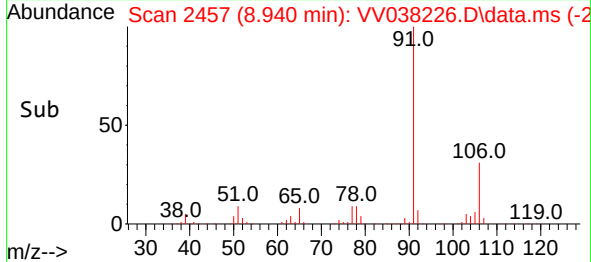
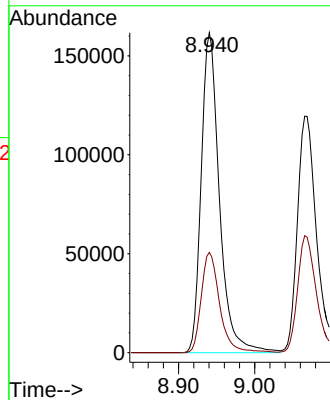
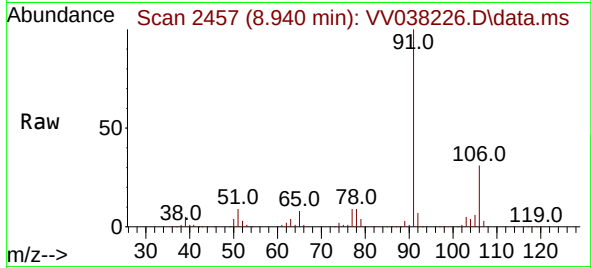




#52
Ethylbenzene
Concen: 3.209 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

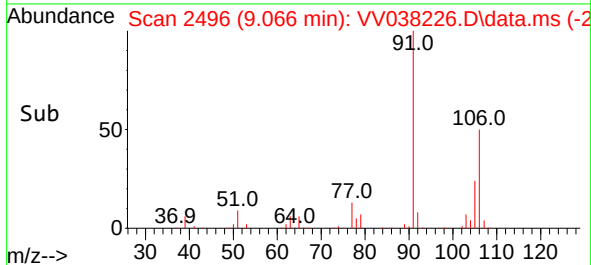
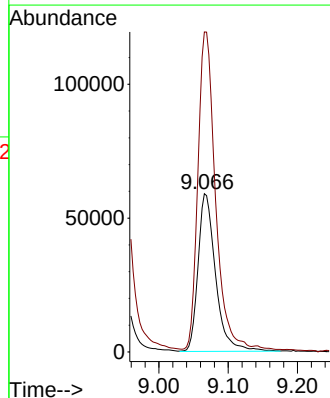
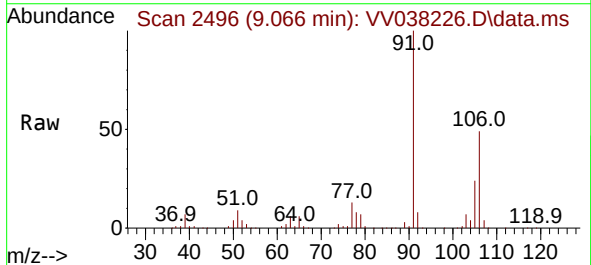
Instrument :
MSVOA_V
ClientSampleId :

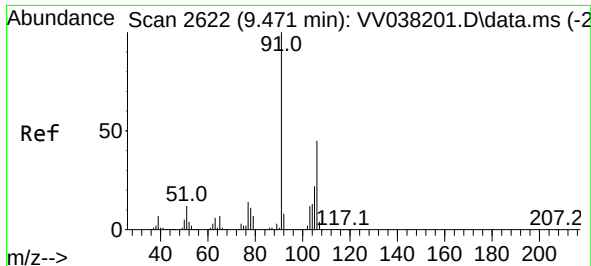
Tgt Ion: 91 Resp: 268708
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 3.287 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 106 Resp: 103860
Ion Ratio Lower Upper
106 100
91 202.3 138.7 257.5

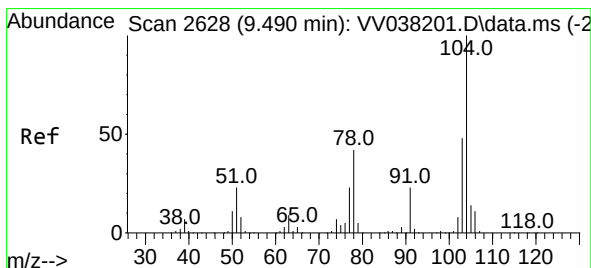
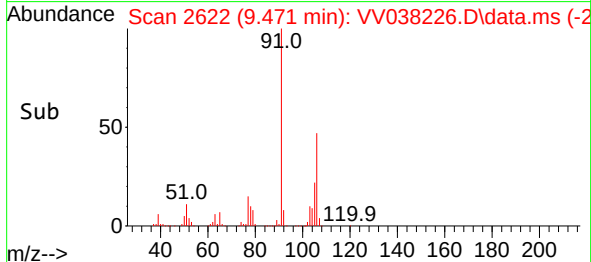
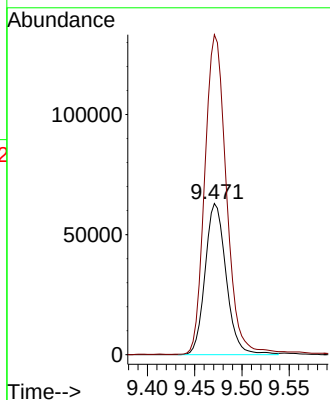
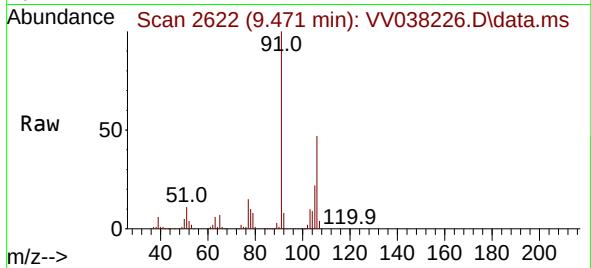




#54
o-Xylene
Concen: 3.173 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

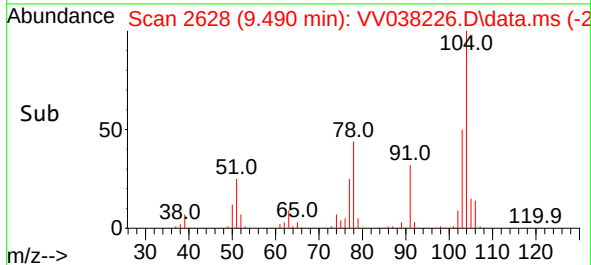
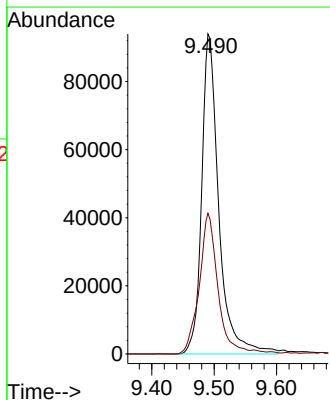
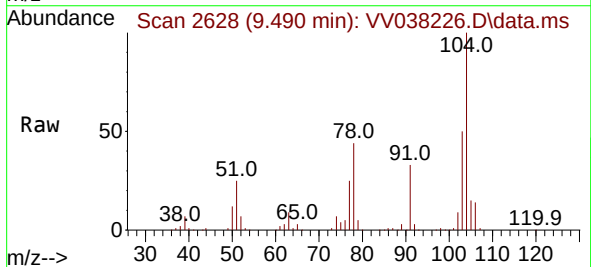
Instrument :
MSVOA_V
ClientSampleId :

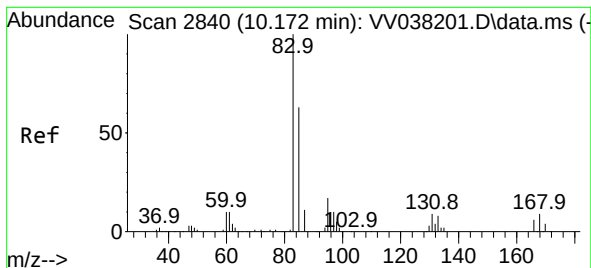
Tgt Ion:106 Resp: 97604
Ion Ratio Lower Upper
106 100
91 211.7 155.5 288.7



#55
Styrene
Concen: 3.308 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion:104 Resp: 179344
Ion Ratio Lower Upper
104 100
78 43.9 29.7 55.1

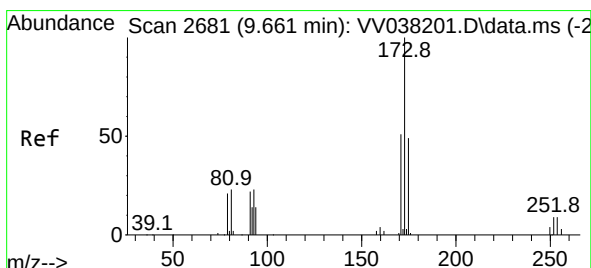
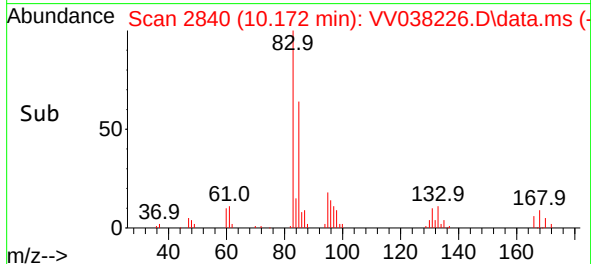
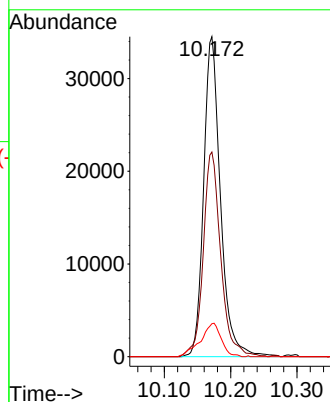
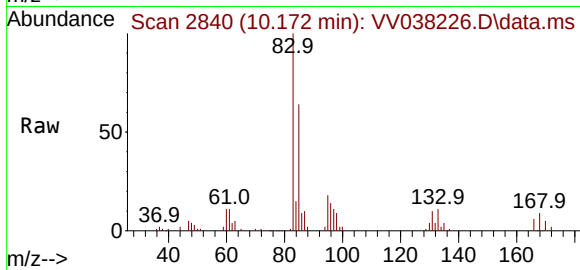




#57
 1,1,2,2-Tetrachloroethane
 Concen: 3.434 ug/L
 RT: 10.172 min Scan# 2840
 Delta R.T. -0.000 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

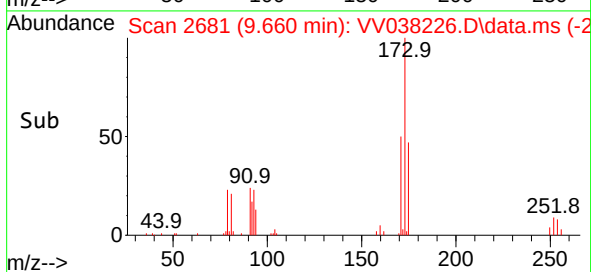
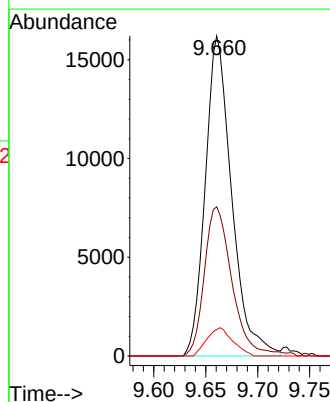
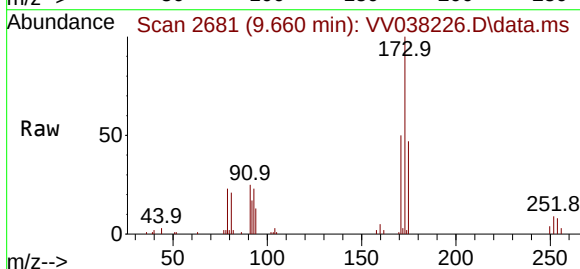
Instrument :
 MSVOA_V
 ClientSampleId :

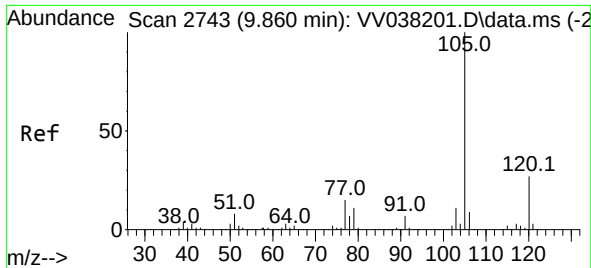
Tgt Ion: 83 Resp: 60793
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.7 84.9
 131 10.3 8.2 12.4



#59
 Bromoform
 Concen: 3.549 ug/L
 RT: 9.660 min Scan# 2681
 Delta R.T. -0.000 min
 Lab File: VV038226.D
 Acq: 20 Nov 2024 19:34

Tgt Ion: 173 Resp: 28667
 Ion Ratio Lower Upper
 173 100
 175 48.9 38.5 57.7
 254 8.6 6.9 10.3

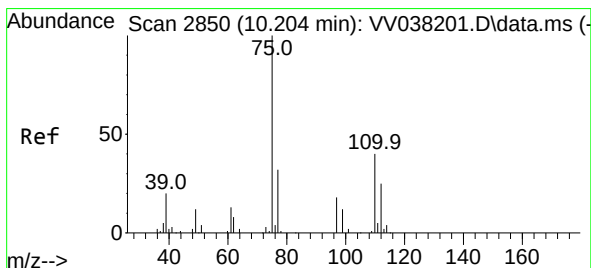
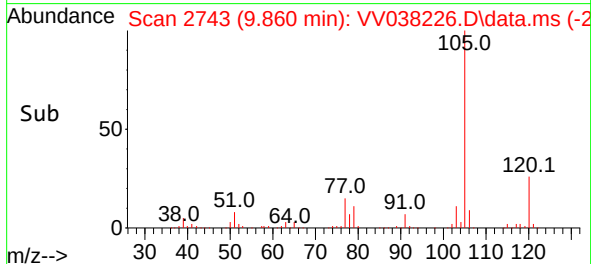
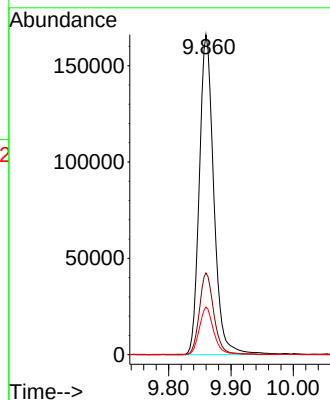
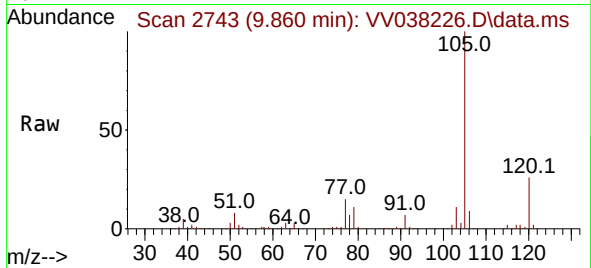




#60
Isopropylbenzene
Concen: 3.351 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

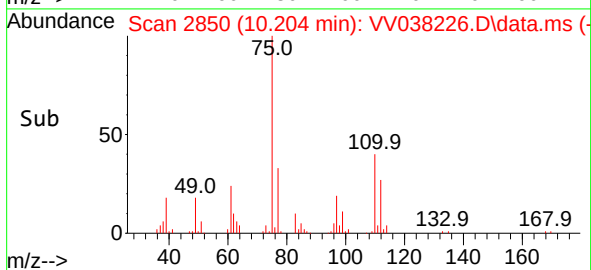
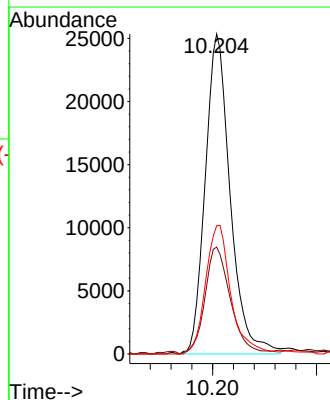
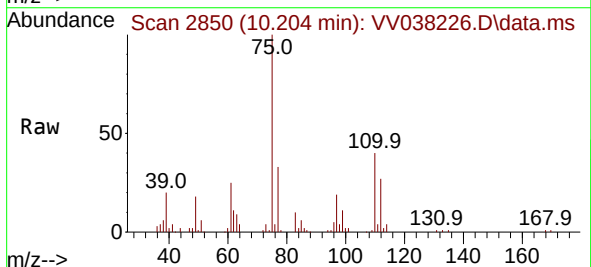
Instrument :
MSVOA_V
ClientSampleId :

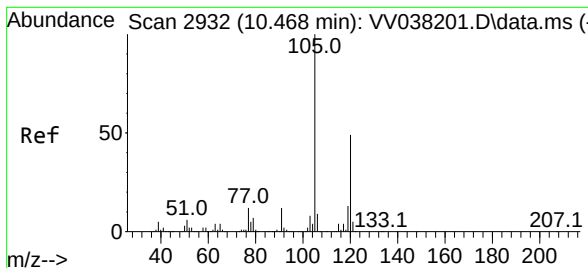
Tgt Ion:105 Resp: 267940
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 14.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 3.558 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion: 75 Resp: 42277
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 40.7 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 3.101 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

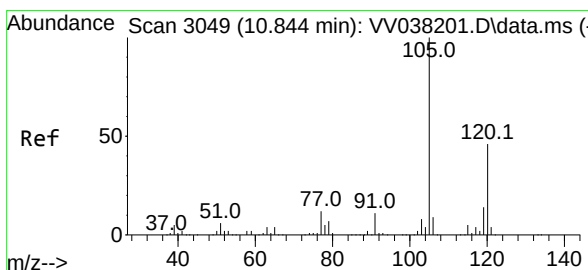
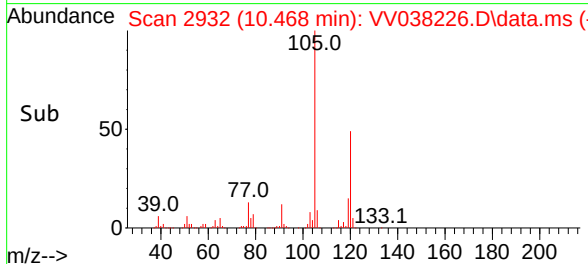
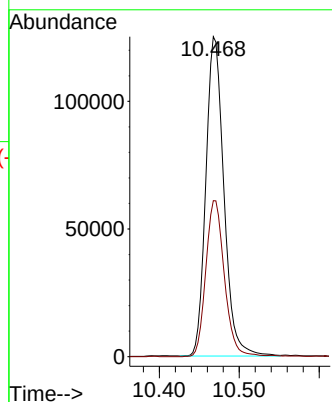
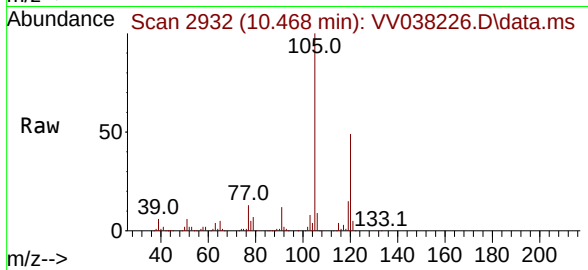
ClientSampleId :

Tgt Ion:105 Resp: 196706

Ion Ratio Lower Upper

105 100

120 50.2 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 3.122 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV038226.D

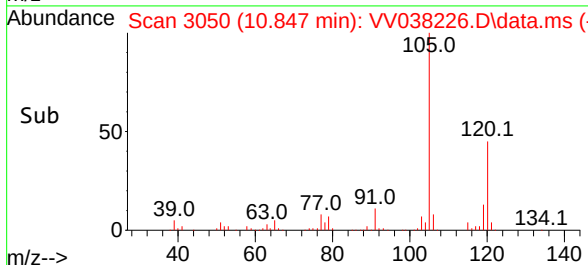
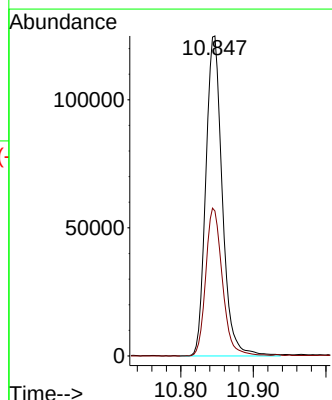
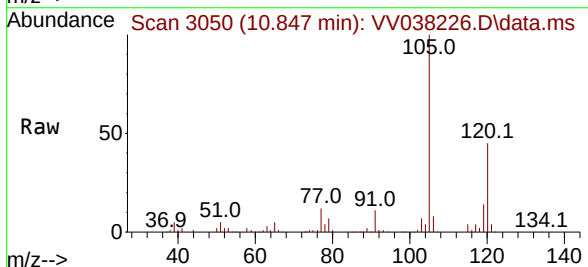
Acq: 20 Nov 2024 19:34

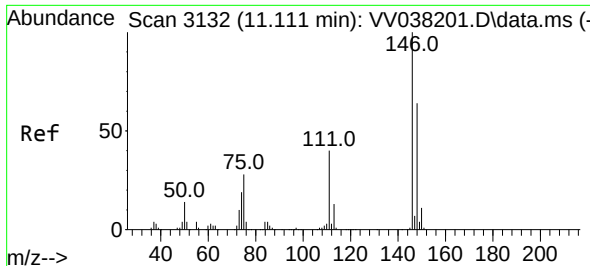
Tgt Ion:105 Resp: 197509

Ion Ratio Lower Upper

105 100

120 46.7 37.0 55.4

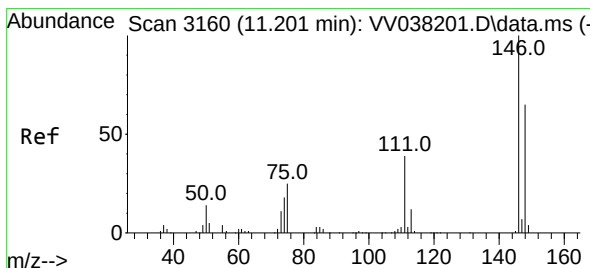
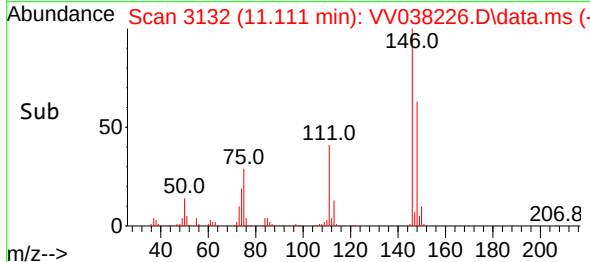
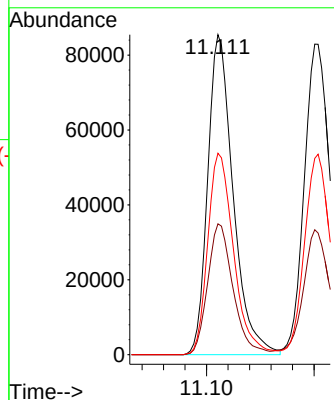
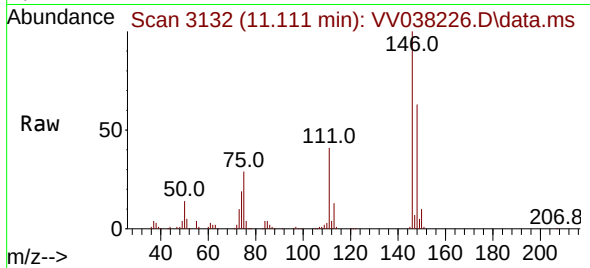




#64
1,3-Dichlorobenzene
Concen: 3.265 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

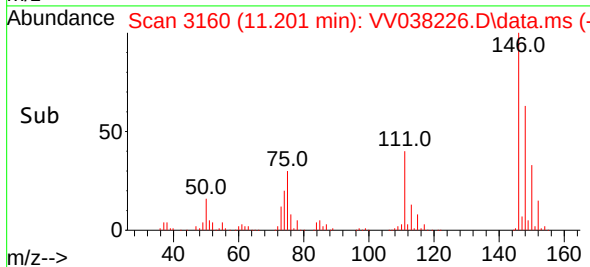
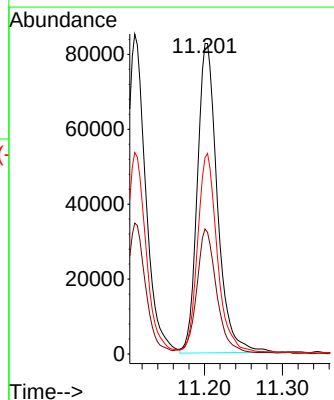
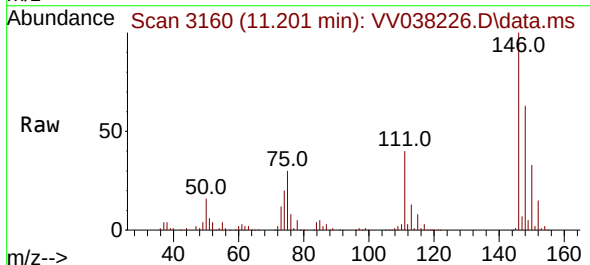
Instrument :
MSVOA_V
ClientSampleId :

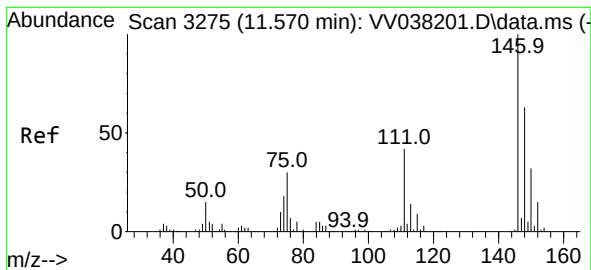
Tgt Ion:146 Resp: 140164
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 63.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 3.396 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038226.D
Acq: 20 Nov 2024 19:34

Tgt Ion:146 Resp: 147367
Ion Ratio Lower Upper
146 100
111 40.3 27.4 50.8
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 3.410 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :

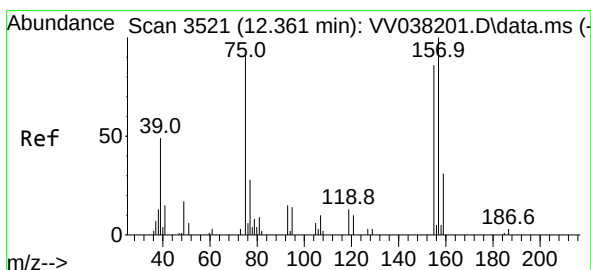
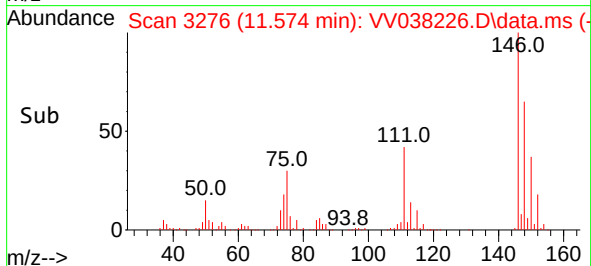
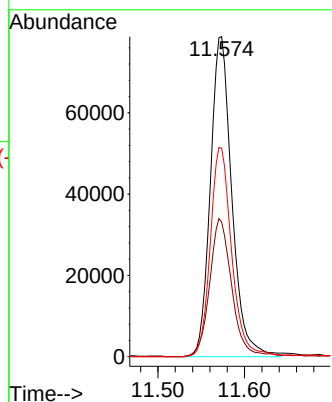
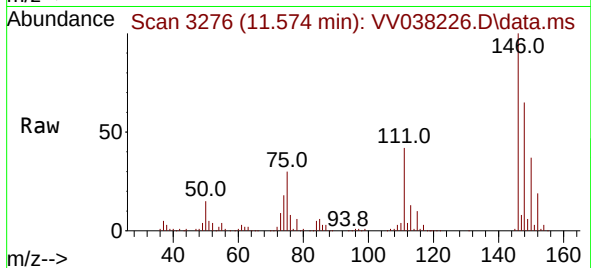
Tgt Ion:146 Resp: 135484

Ion Ratio Lower Upper

146 100

111 42.1 34.2 51.2

148 65.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.614 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

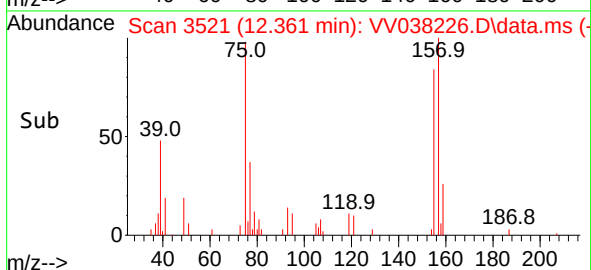
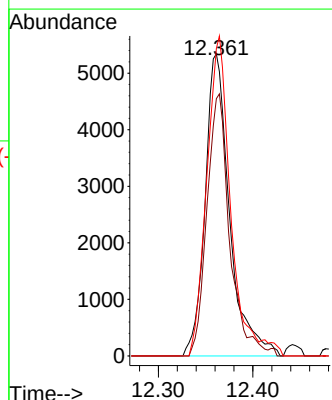
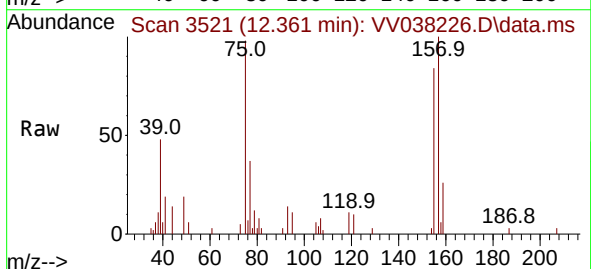
Tgt Ion: 75 Resp: 9640

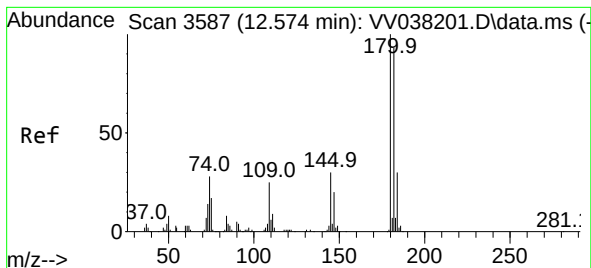
Ion Ratio Lower Upper

75 100

155 85.2 67.5 101.3

157 101.8 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 3.059 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

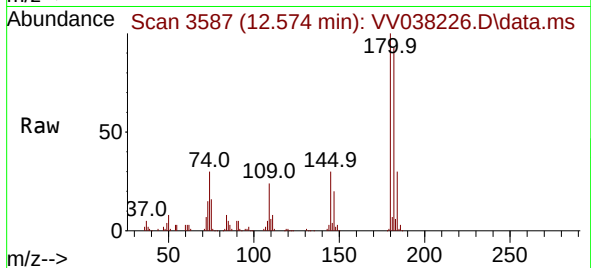
Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 93026

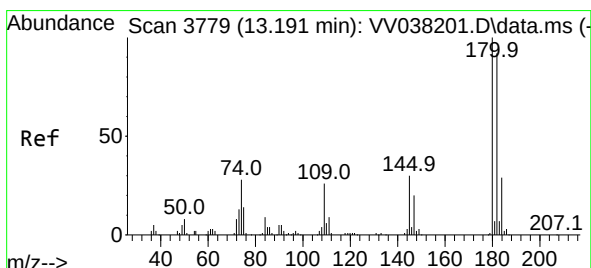
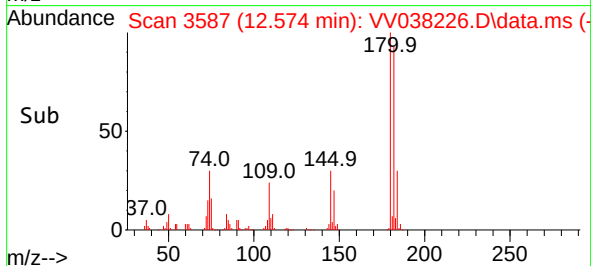
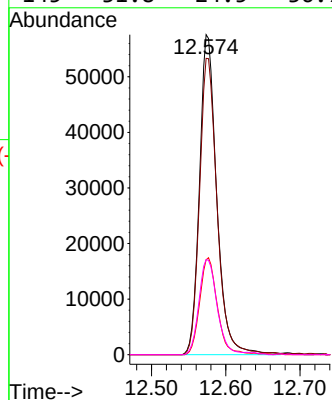
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

184 30.9 23.7 35.5

145 31.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 2.944 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

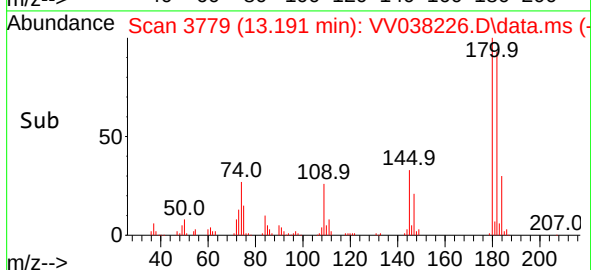
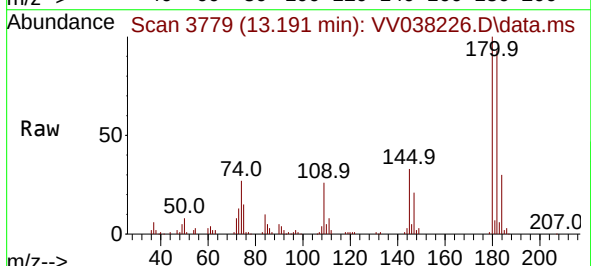
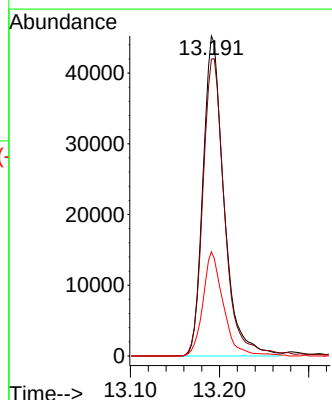
Tgt Ion:180 Resp: 74005

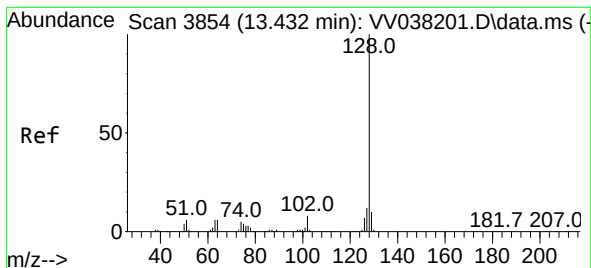
Ion Ratio Lower Upper

180 100

182 96.2 73.8 110.8

145 31.6 24.6 37.0





#71

Naphthalene

Concen: 2.548 ug/L

RT: 13.435 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Instrument :

MSVOA_V

ClientSampleId :

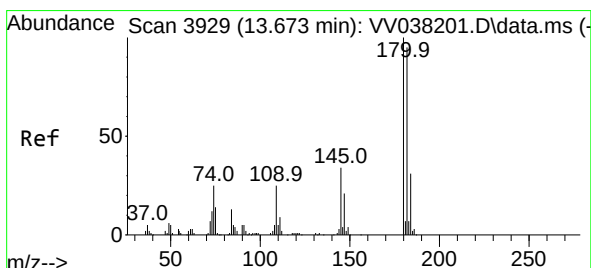
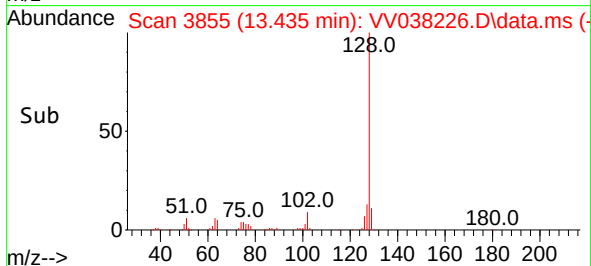
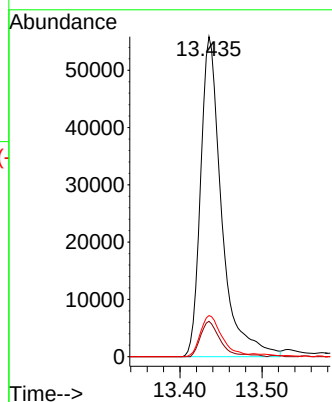
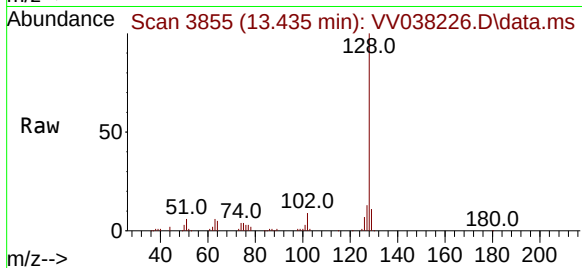
Tgt Ion:128 Resp: 99623

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.2 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 2.979 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038226.D

Acq: 20 Nov 2024 19:34

Tgt Ion:180 Resp: 69183

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

145 32.8 27.0 40.4

