

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037943.D
 Acq On : 06 Nov 2024 21:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 22:49:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 22:44:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	314980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	167712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	109543	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.529	69	92199	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.053	65	47962	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.838	46	267025	61.000	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.000%
24) Chloroform-d	4.243	84	219329	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.940	65	104901	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.953	84	408737	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.985	67	122231	5.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.236	98	385017	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	7.554	79	47241	5.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.024	63	238069	66.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.580%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	112805	5.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	141644	5.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145032	4.735	ug/L	98
3) Chloromethane	1.214	50	136549	4.738	ug/L	99
5) Vinyl chloride	1.278	62	146752	5.117	ug/L	98
6) Bromomethane	1.484	94	82847	5.106	ug/L	100
8) Chloroethane	1.545	64	89795	5.262	ug/L	100
9) Trichlorofluoromethane	1.709	101	197043	4.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	107418	4.710	ug/L	99
12) 1,1-Dichloroethene	2.063	96	106851	5.098	ug/L	95
13) Acetone	2.162	43	73510	23.657	ug/L	64
14) Carbon disulfide	2.233	76	360334	5.067	ug/L	100
15) Methyl Acetate	2.391	43	44519	6.053	ug/L	98
16) Methylene chloride	2.442	84	128913	5.269	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	280269	5.980	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	118527	5.236	ug/L	98
19) 1,1-Dichloroethane	3.104	63	217353	5.285	ug/L	99
21) 2-Butanone	3.911	43	257724	55.809	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	123745	5.187	ug/L	99
23) Bromochloromethane	4.143	128	61041	5.667	ug/L	99
25) Chloroform	4.268	83	226858	5.250	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037943.D
 Acq On : 06 Nov 2024 21:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

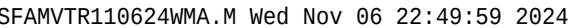
Instrument :
 MSVOA_V
 ClientSampleId :

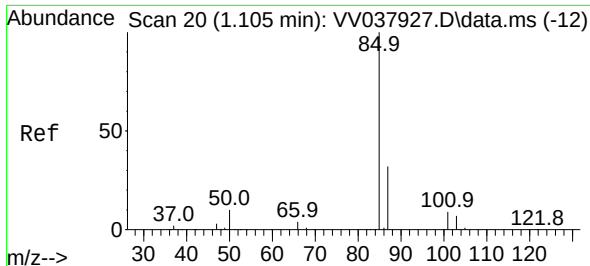
Quant Time: Nov 06 22:49:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 22:44:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	134672	5.626	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	195488	5.192	ug/L	99
30) Cyclohexane	4.574	56	162184	4.855	ug/L	98
31) Carbon tetrachloride	4.728	117	166574	5.041	ug/L	99
33) Benzene	5.001	78	477476	5.516	ug/L	100
34) Trichloroethene	5.828	95	133158	5.556	ug/L	98
35) Methylcyclohexane	6.043	83	168685	4.722	ug/L	99
37) 1,2-Dichloropropane	6.088	63	116248	5.373	ug/L	99
38) Bromodichloromethane	6.429	83	154805	5.394	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	164911	5.276	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	710193	65.236	ug/L	97
42) Toluene	7.310	91	500825	5.468	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	142161	5.516	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	96617	5.900	ug/L	98
47) Tetrachloroethene	7.898	164	93006	4.992	ug/L	98
48) 2-Hexanone	8.072	43	527913	68.554	ug/L	98
49) Dibromochloromethane	8.169	129	100398	5.364	ug/L	97
50) 1,2-Dibromoethane	8.278	107	91552	5.991	ug/L	98
51) Chlorobenzene	8.808	112	330673	5.279	ug/L	98
52) Ethylbenzene	8.940	91	517779	5.249	ug/L	98
53) m,p-Xylene	9.069	106	200444	5.326	ug/L	99
54) o-Xylene	9.471	106	190628	5.323	ug/L	98
55) Styrene	9.490	104	348217	5.646	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	118254	6.221	ug/L	99
59) Bromoform	9.660	173	51562	5.276	ug/L	100
60) Isopropylbenzene	9.860	105	499781	5.114	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	82005	6.253	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	390325	5.080	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	400730	5.286	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	263088	5.317	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	271056	5.304	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	250638	5.478	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16472	5.785	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	179088	5.128	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	151412	5.521	ug/L	99
71) Naphthalene	13.435	128	242914	6.242	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	140943	5.961	ug/L	97

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

Quant Time: Nov 06 22:49:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 22:44:19 2024
Response via : Initial Calibration

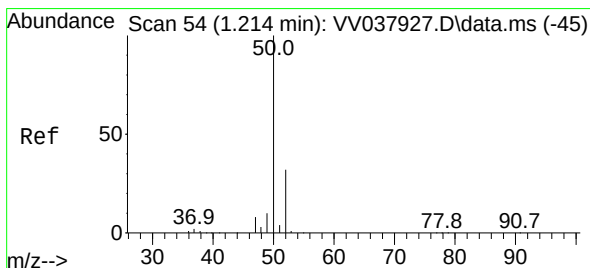
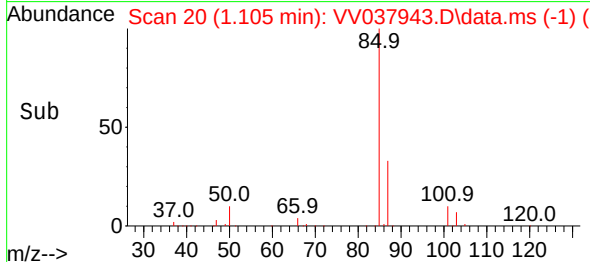
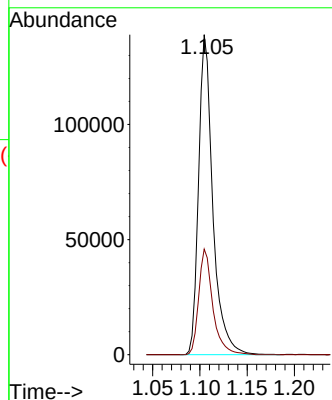
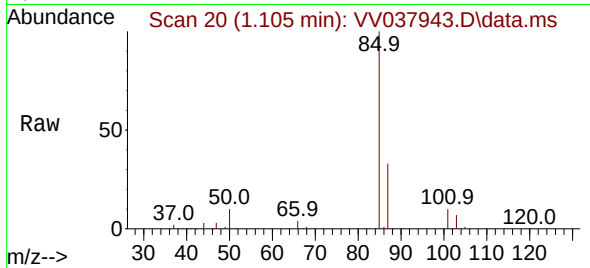




#2
 Dichlorodifluoromethane
 Concen: 4.735 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037943.D
 Acq: 06 Nov 2024 21:35

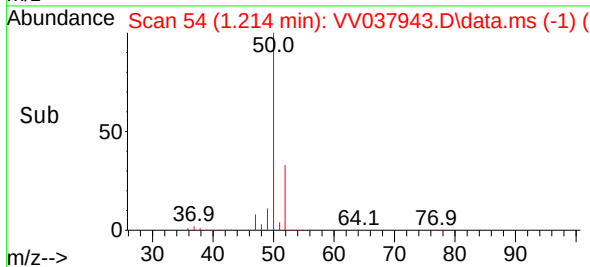
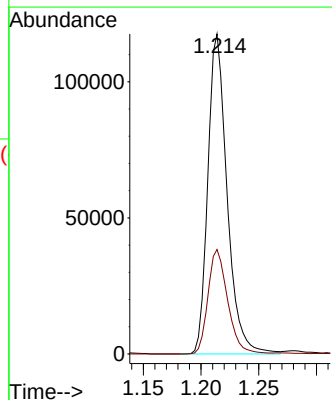
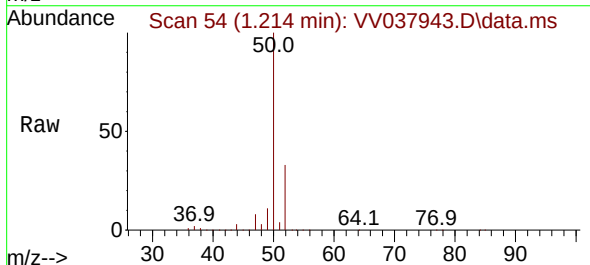
Instrument :
 MSVOA_V
 ClientSampleId :

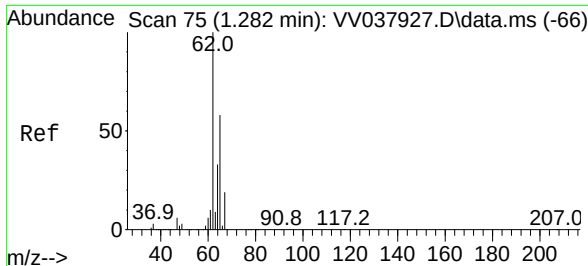
Tgt Ion: 85 Resp: 145032
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.4 38.0



#3
 Chloromethane
 Concen: 4.738 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037943.D
 Acq: 06 Nov 2024 21:35

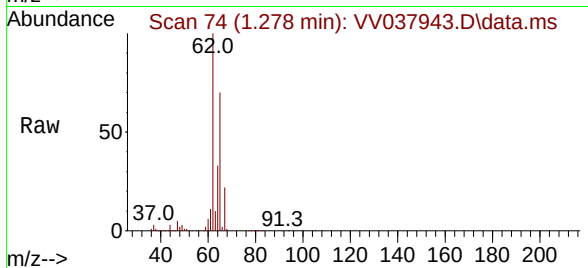
Tgt Ion: 50 Resp: 136549
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.4 43.4



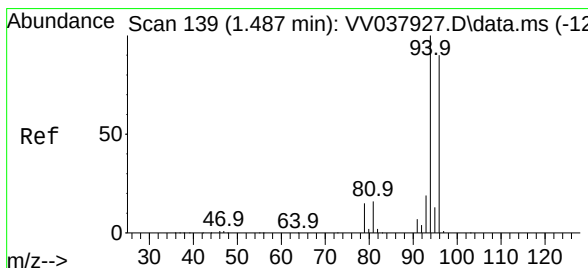
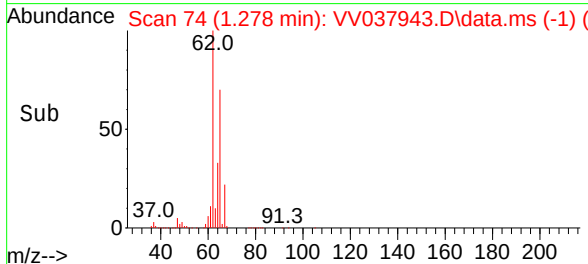
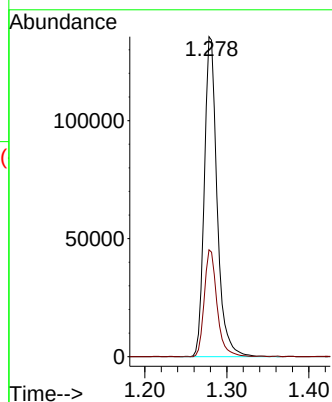


#5
Vinyl chloride
Concen: 5.117 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Instrument :
MSVOA_V
ClientSampleId :

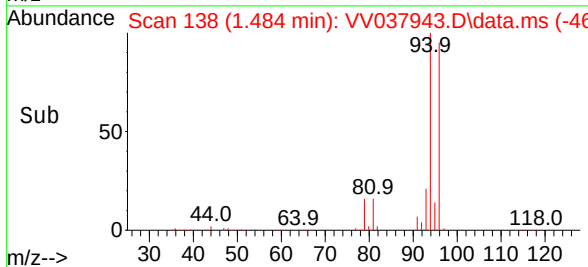
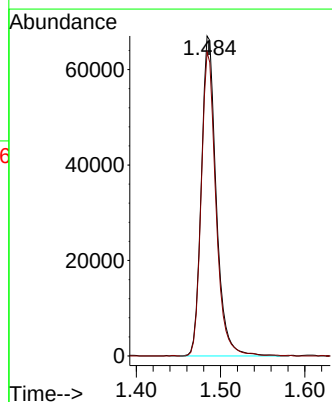
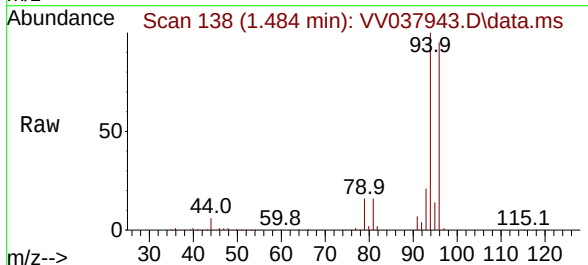


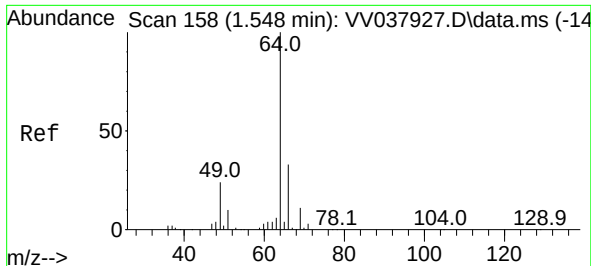
Tgt Ion: 62 Resp: 146752
Ion Ratio Lower Upper
62 100
64 33.4 22.4 41.6



#6
Bromomethane
Concen: 5.106 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion: 94 Resp: 82847
Ion Ratio Lower Upper
94 100
96 94.9 66.3 123.1

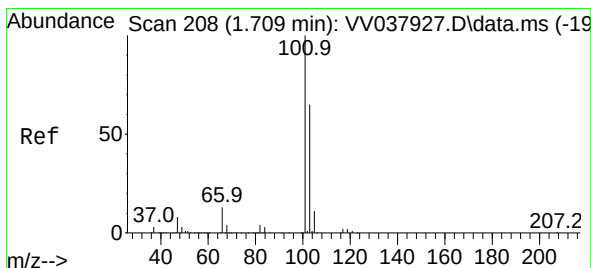
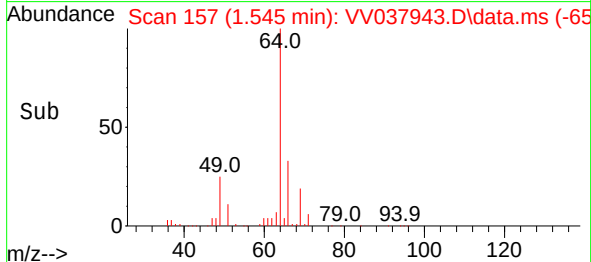
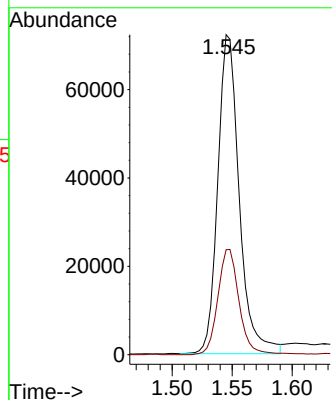
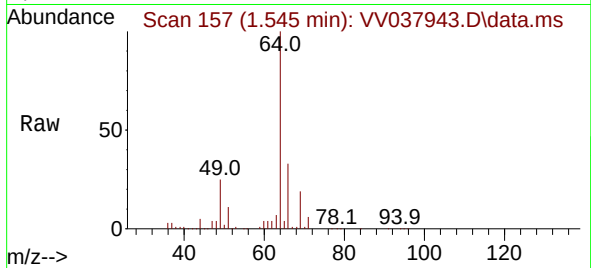




#8
Chloroethane
Concen: 5.262 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

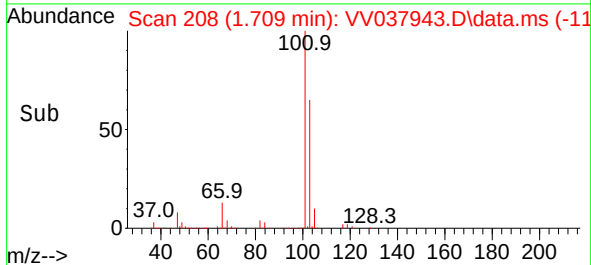
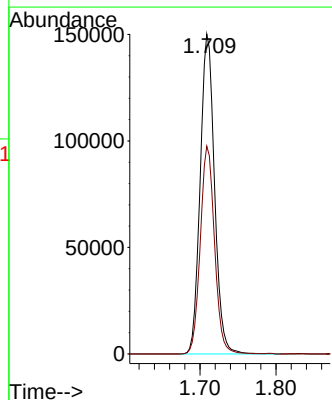
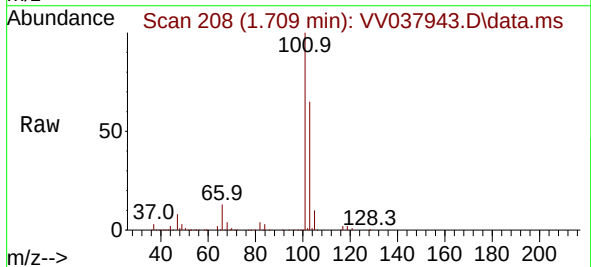
Instrument :
MSVOA_V
ClientSampleId :

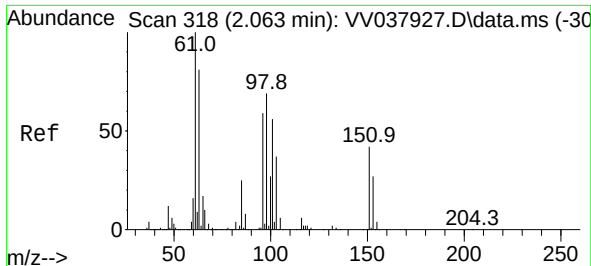
Tgt Ion: 64 Resp: 89795
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.945 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion:101 Resp: 197043
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

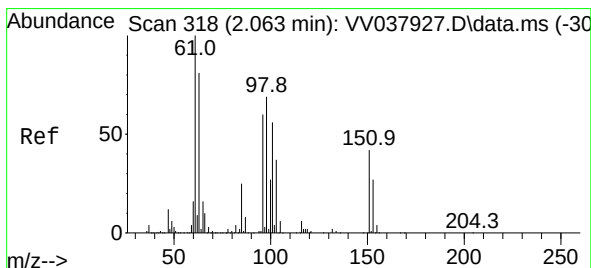
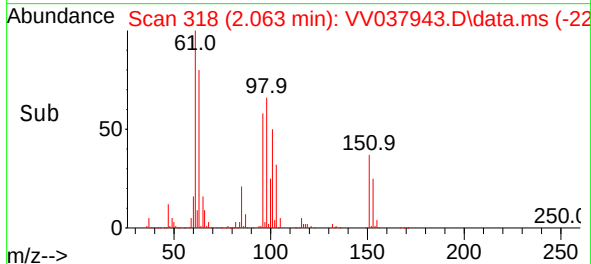
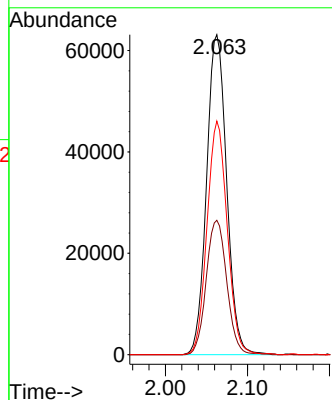
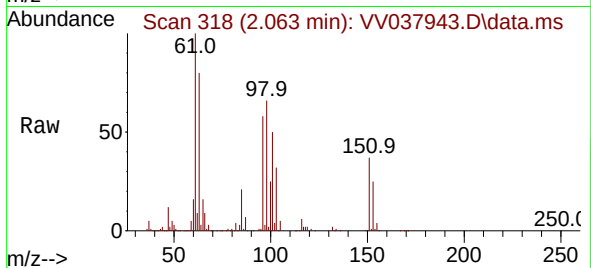




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.710 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

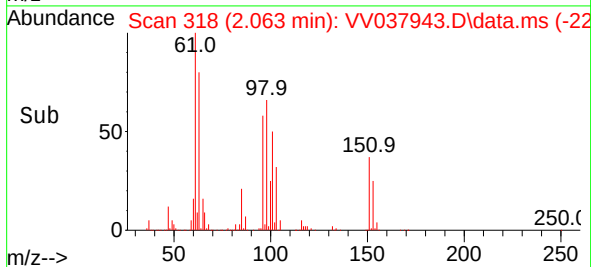
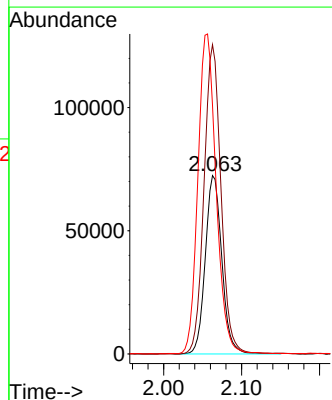
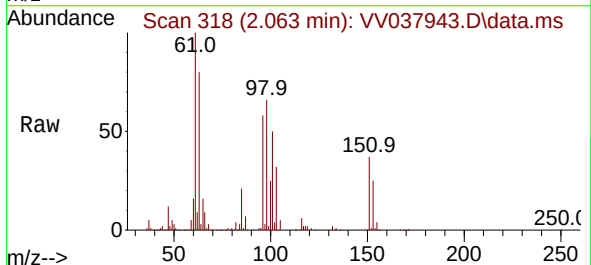
Instrument :
MSVOA_V
ClientSampleId :

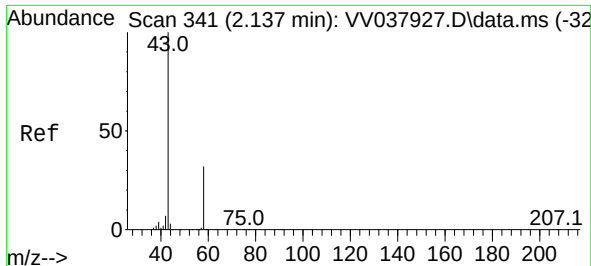
Tgt Ion:101 Resp: 107418
Ion Ratio Lower Upper
101 100
85 43.0 35.0 52.6
151 73.3 59.2 88.8



#12
1,1-Dichloroethene
Concen: 5.098 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion: 96 Resp: 106851
Ion Ratio Lower Upper
96 100
61 173.3 117.4 218.0
63 139.3 91.7 170.3

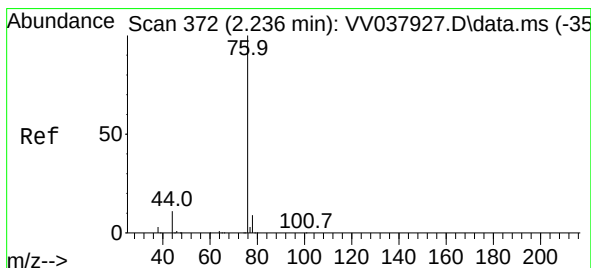
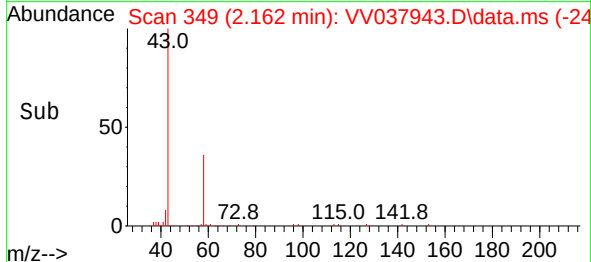
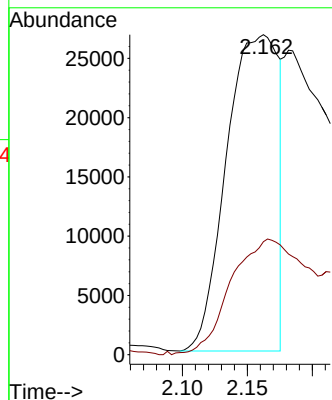
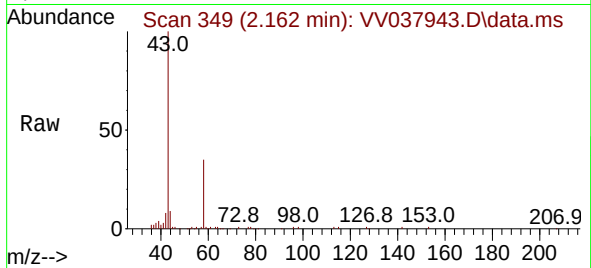




#13
Acetone
Concen: 23.657 ug/L
RT: 2.162 min Scan# 341
Delta R.T. 0.026 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

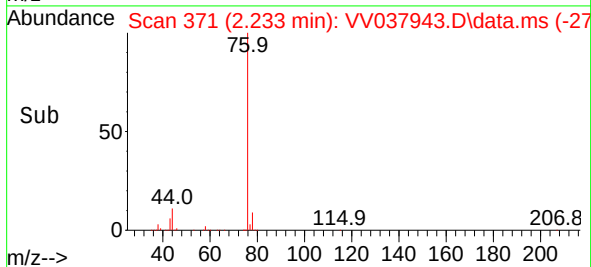
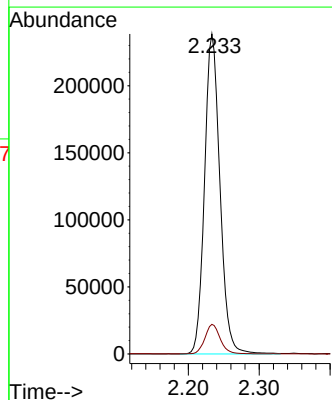
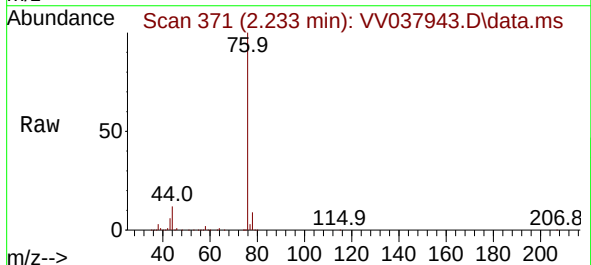
Instrument :
MSVOA_V
ClientSampleId :

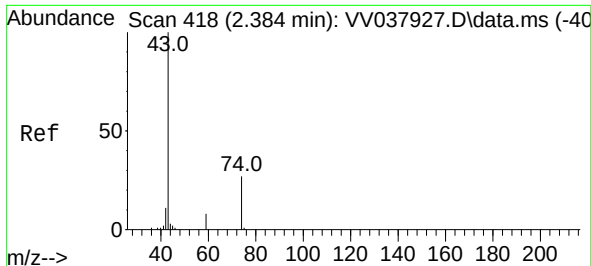
Tgt Ion: 43 Resp: 73510
Ion Ratio Lower Upper
43 100
58 52.6 0.0 64.6



#14
Carbon disulfide
Concen: 5.067 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion: 76 Resp: 360334
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 6.053 ug/L

RT: 2.391 min Scan# 418

Delta R.T. 0.006 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

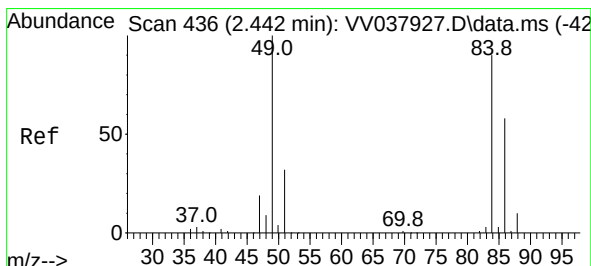
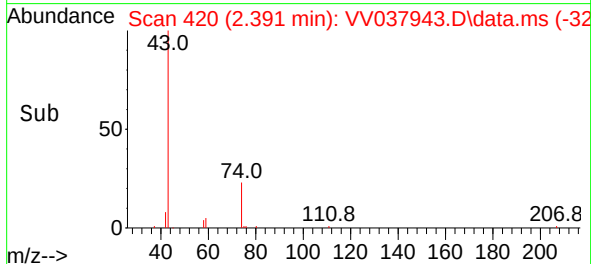
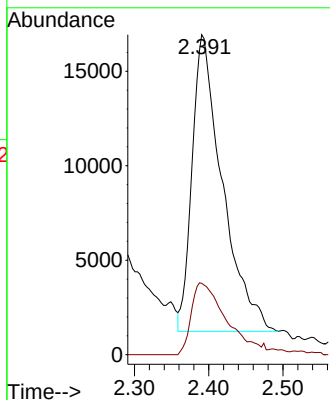
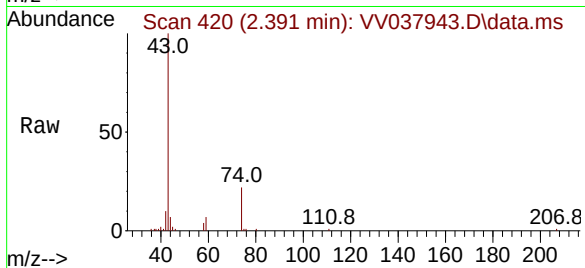
ClientSampleId :

Tgt Ion: 43 Resp: 44519

Ion Ratio Lower Upper

43 100

74 28.2 21.8 32.8



#16

Methylene chloride

Concen: 5.269 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

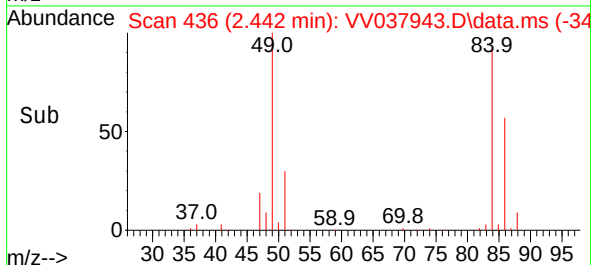
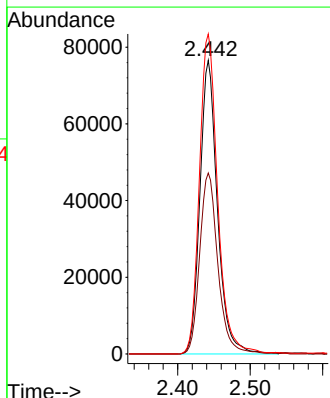
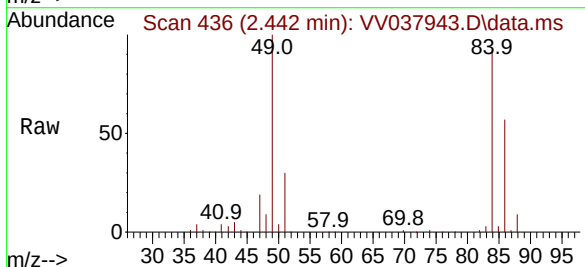
Tgt Ion: 84 Resp: 128913

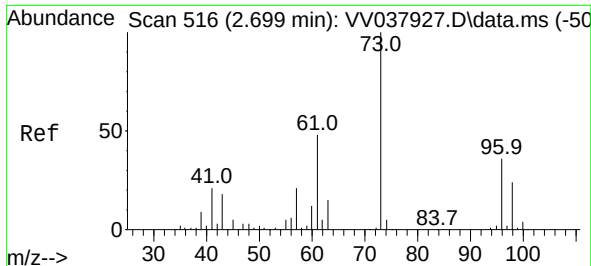
Ion Ratio Lower Upper

84 100

86 61.7 45.0 83.6

49 109.0 79.2 147.2





#17

Methyl tert-butyl Ether

Concen: 5.980 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

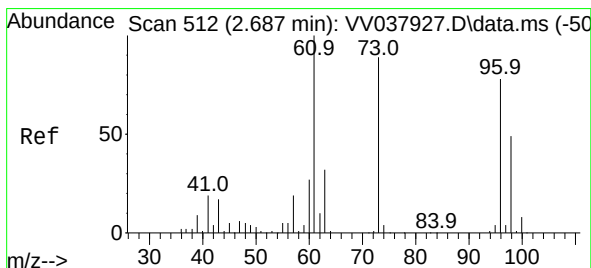
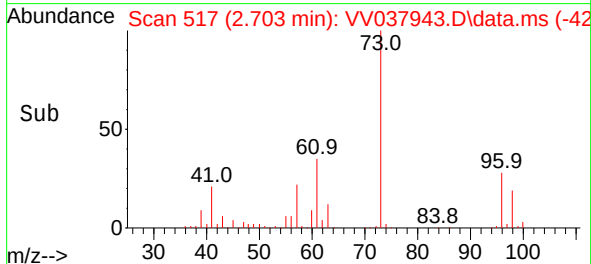
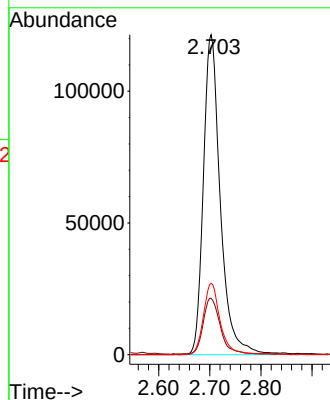
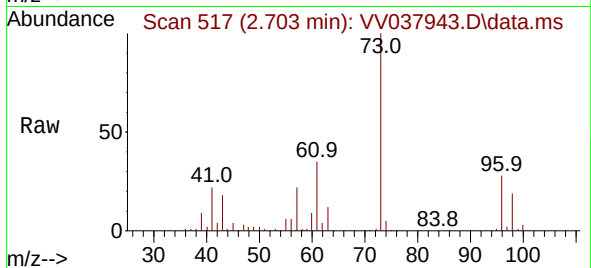
Tgt Ion: 73 Resp: 280269

Ion Ratio Lower Upper

73 100

43 17.3 14.4 21.6

57 22.2 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 5.236 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

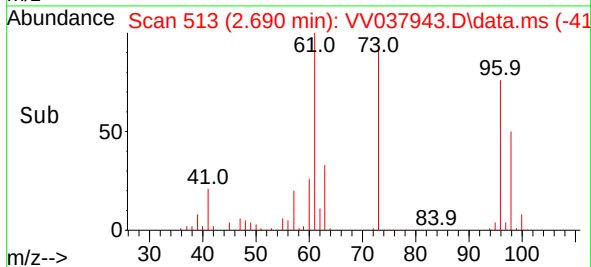
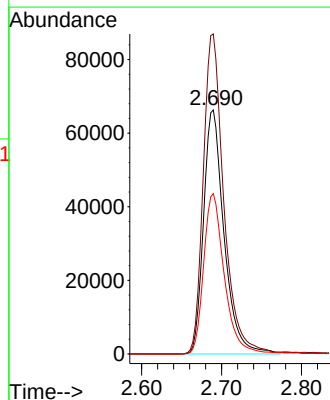
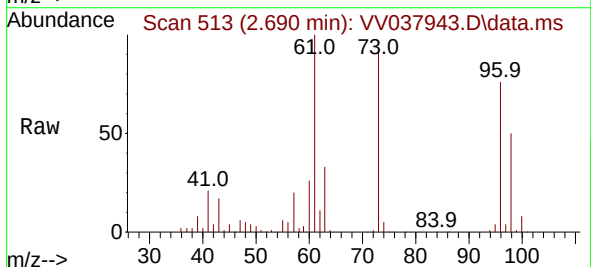
Tgt Ion: 96 Resp: 118527

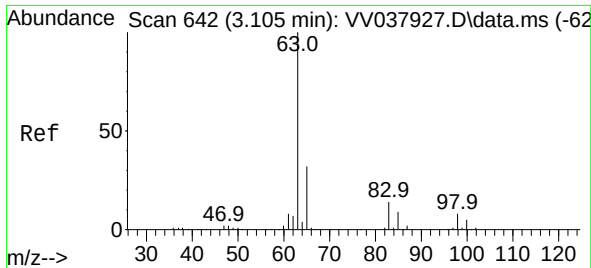
Ion Ratio Lower Upper

96 100

61 131.1 93.2 173.0

98 65.7 44.4 82.4

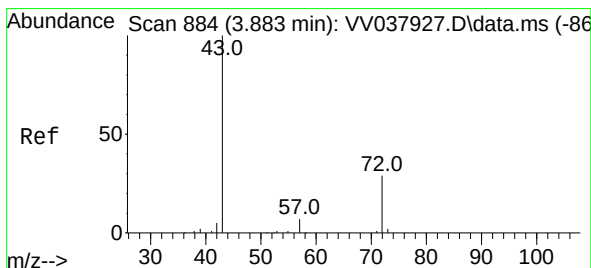
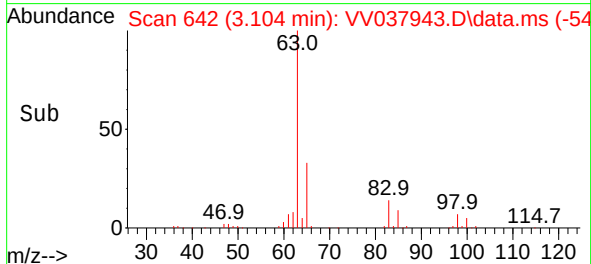
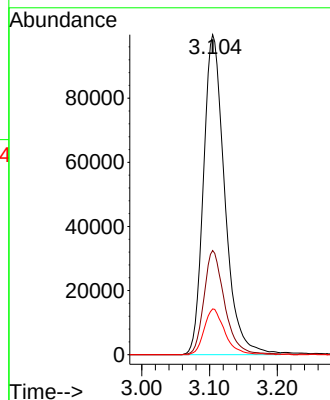
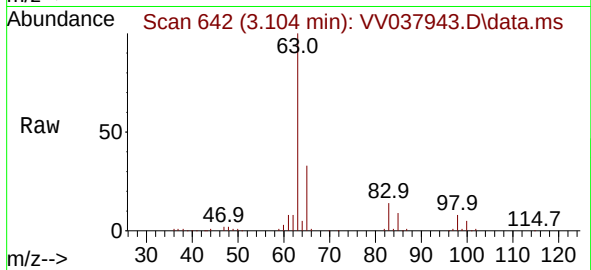




#19
1,1-Dichloroethane
Concen: 5.285 ug/L
RT: 3.104 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

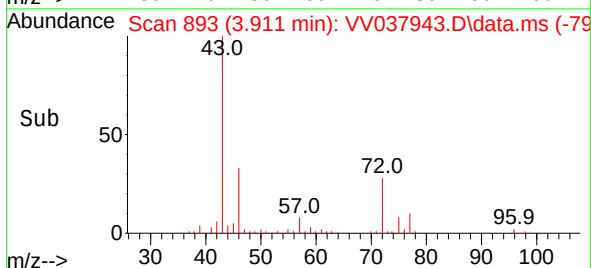
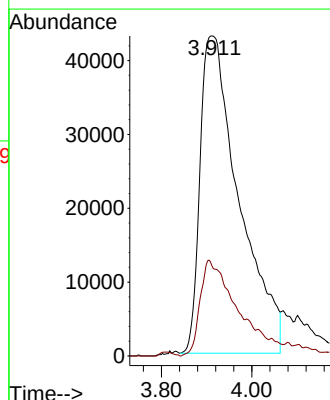
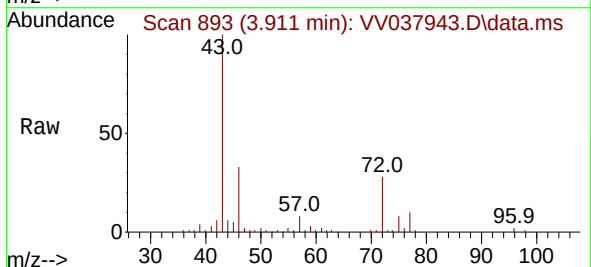
Instrument :
MSVOA_V
ClientSampleId :

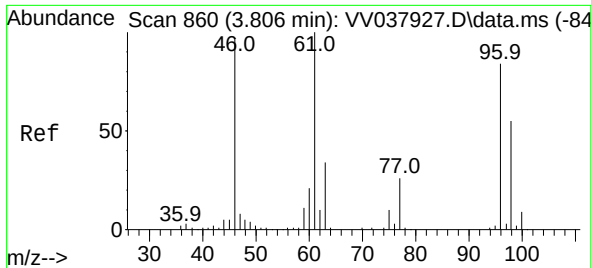
Tgt Ion: 63 Resp: 217353
Ion Ratio Lower Upper
63 100
65 32.6 22.3 41.3
83 14.3 9.5 17.7



#21
2-Butanone
Concen: 55.809 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.029 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

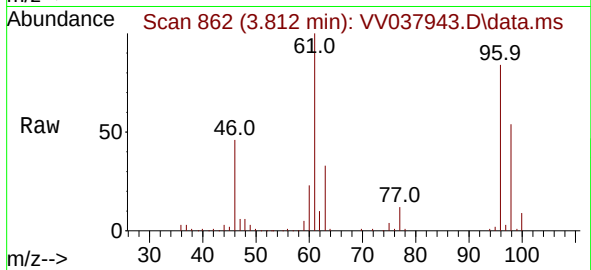
Tgt Ion: 43 Resp: 257724
Ion Ratio Lower Upper
43 100
72 28.0 13.0 39.0



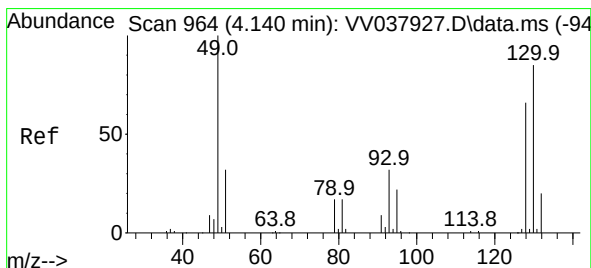
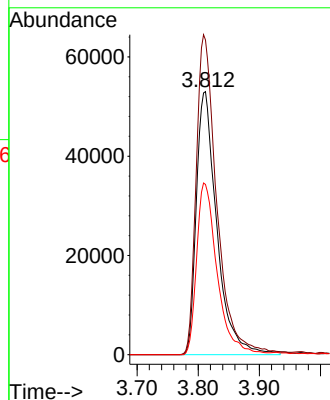
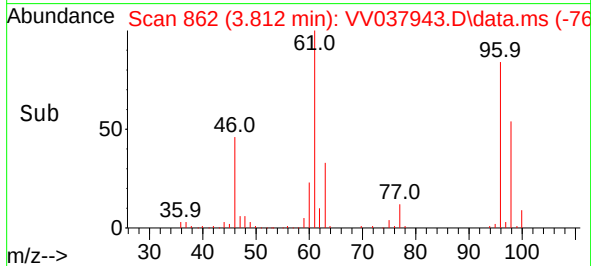


#22
cis-1,2-Dichloroethene
Concen: 5.187 ug/L
RT: 3.812 min Scan# 860
Delta R.T. 0.006 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

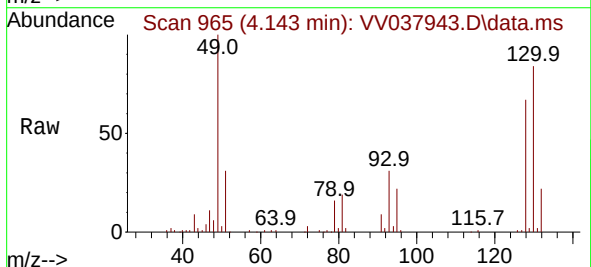
Instrument :
MSVOA_V
ClientSampleId :



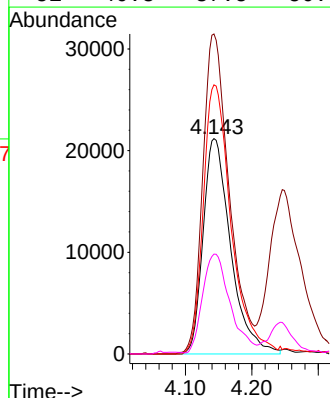
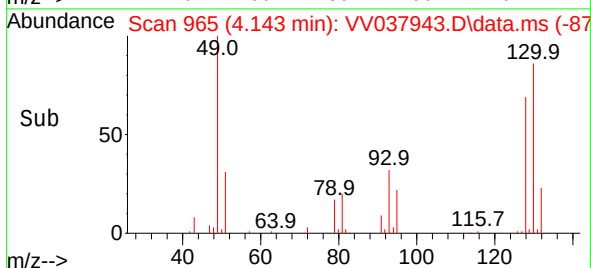
Tgt Ion: 96 Resp: 123745
Ion Ratio Lower Upper
96 100
61 119.6 83.4 154.8
98 64.7 44.6 82.8

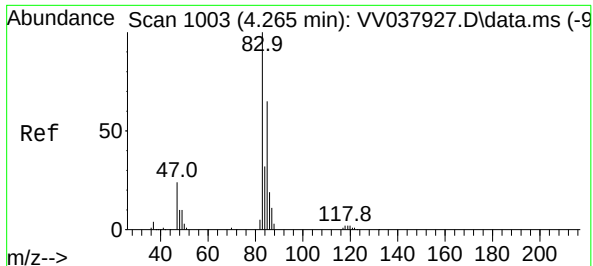


#23
Bromochloromethane
Concen: 5.667 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35



Tgt Ion: 128 Resp: 61041
Ion Ratio Lower Upper
128 100
49 148.6 103.0 191.4
130 124.9 85.9 159.5
51 46.3 37.5 56.3





#25

Chloroform

Concen: 5.250 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

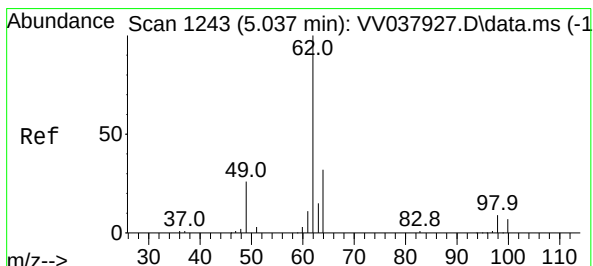
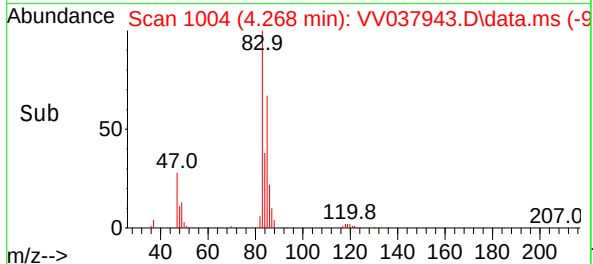
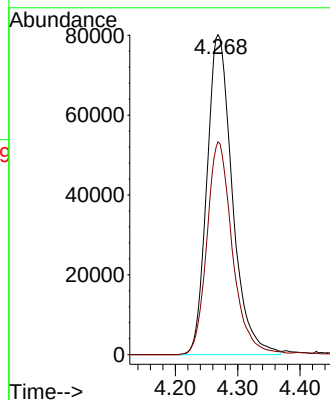
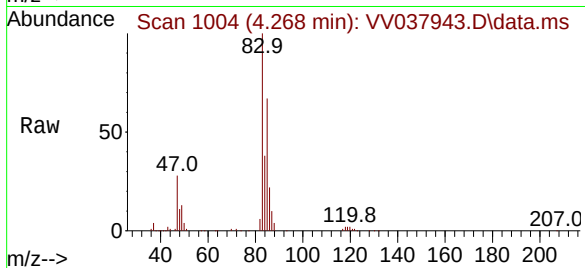
ClientSampleId :

Tgt Ion: 83 Resp: 226858

Ion Ratio Lower Upper

83 100

85 66.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.626 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV037943.D

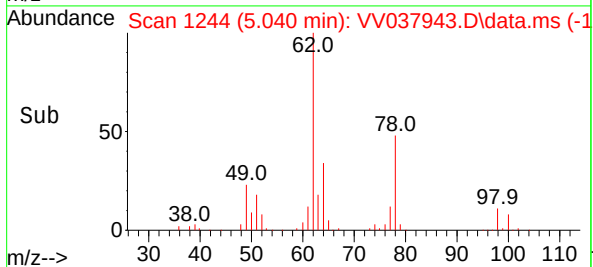
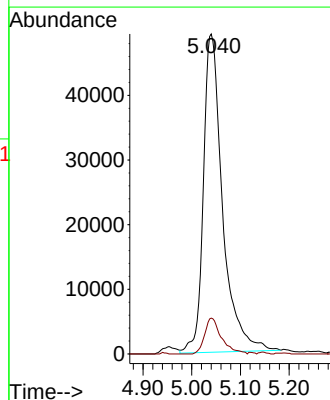
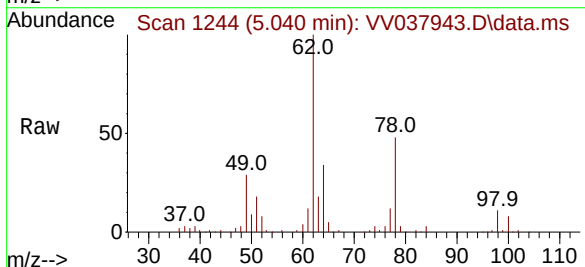
Acq: 06 Nov 2024 21:35

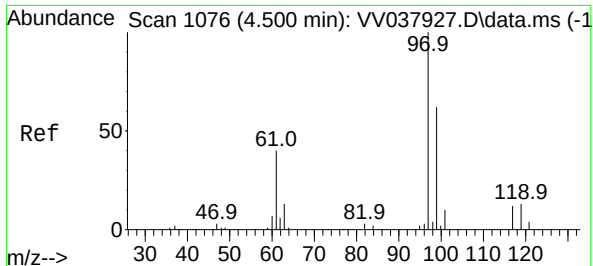
Tgt Ion: 62 Resp: 134672

Ion Ratio Lower Upper

62 100

98 11.2 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.192 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

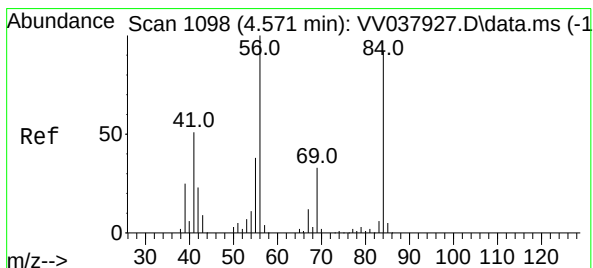
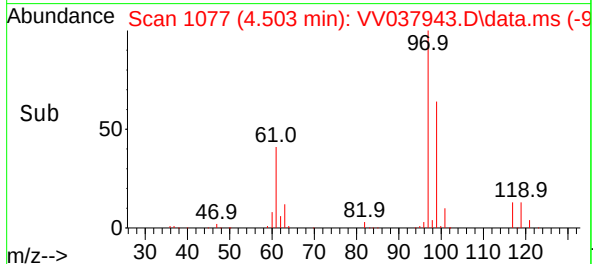
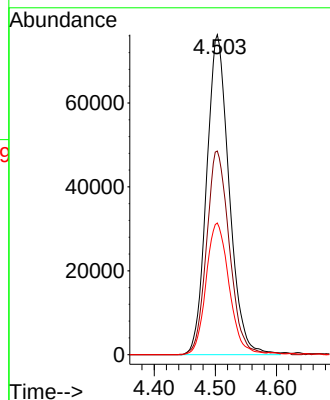
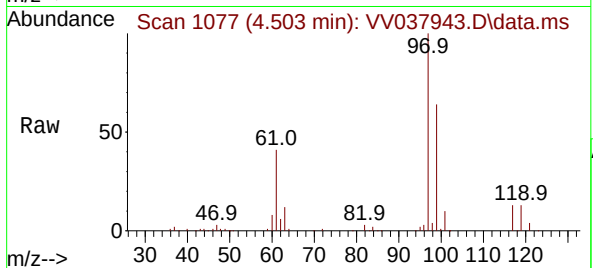
Tgt Ion: 97 Resp: 195488

Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 42.1 33.3 49.9



#30

Cyclohexane

Concen: 4.855 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

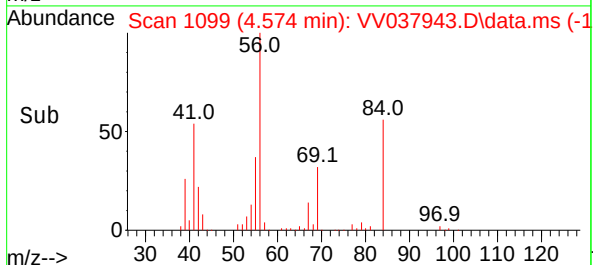
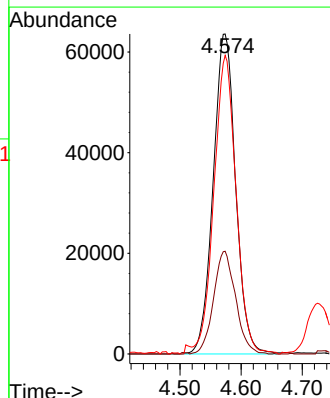
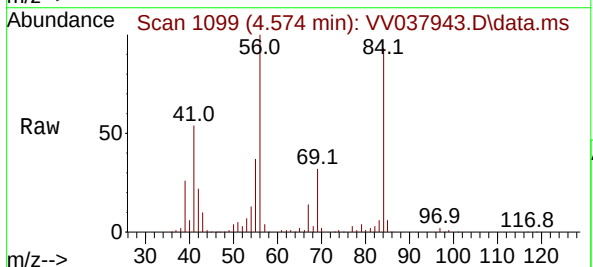
Tgt Ion: 56 Resp: 162184

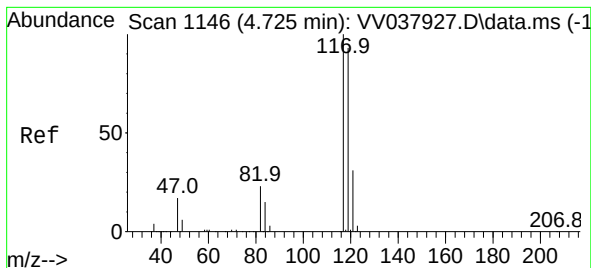
Ion Ratio Lower Upper

56 100

69 31.5 25.5 38.3

84 92.1 75.2 112.8





#31

Carbon tetrachloride

Concen: 5.041 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

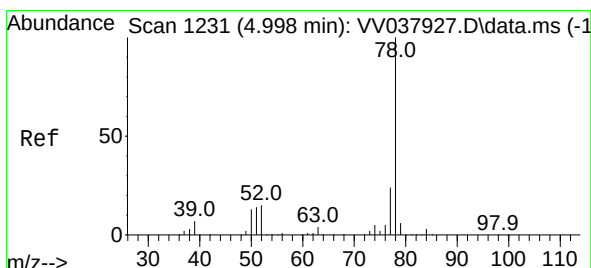
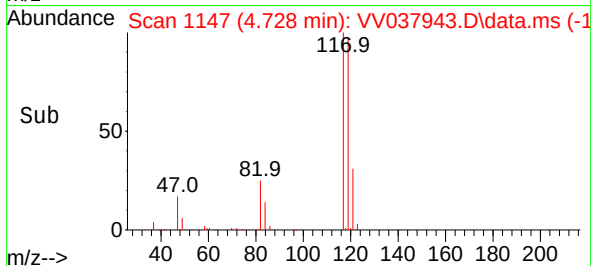
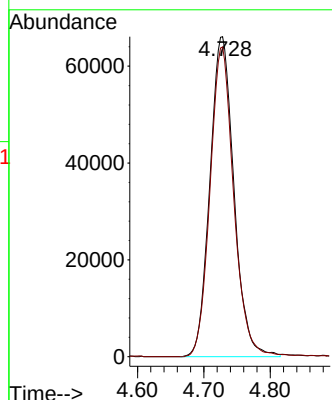
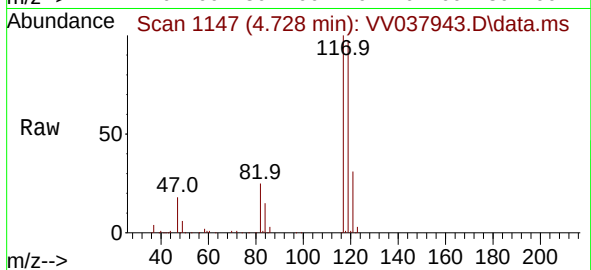
ClientSampleId :

Tgt Ion:117 Resp: 166574

Ion Ratio Lower Upper

117 100

119 95.4 77.2 115.8



#33

Benzene

Concen: 5.516 ug/L

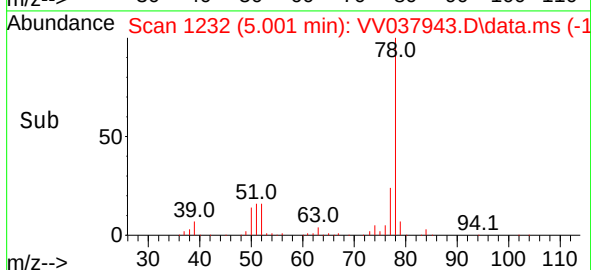
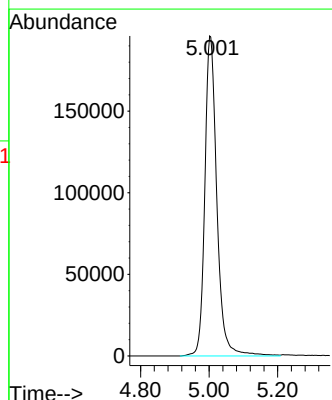
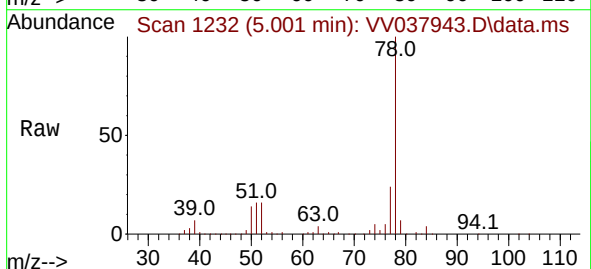
RT: 5.001 min Scan# 1232

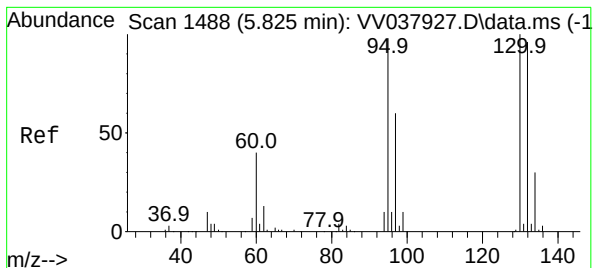
Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Tgt Ion: 78 Resp: 477476





#34

Trichloroethene

Concen: 5.556 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 133158

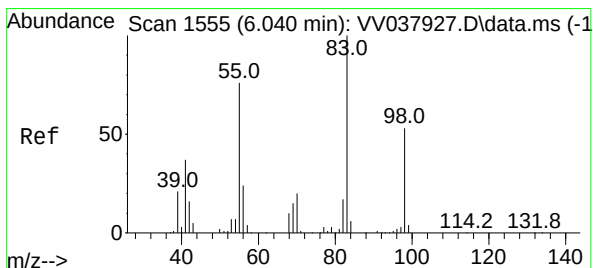
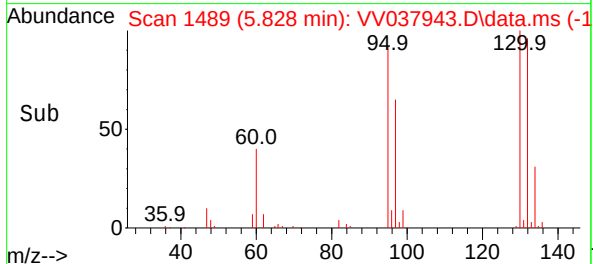
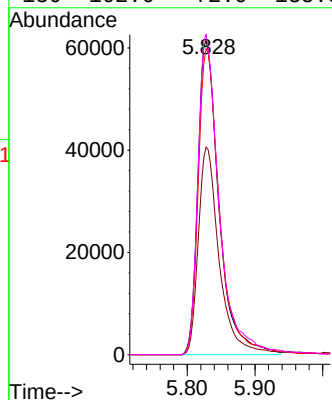
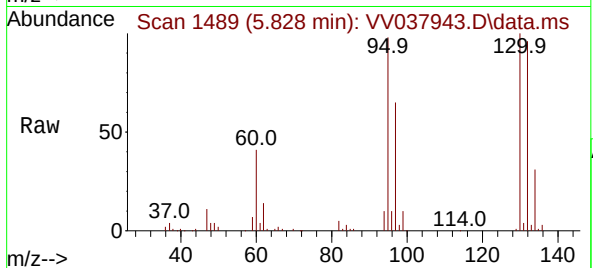
Ion Ratio Lower Upper

95 100

97 66.2 46.9 87.1

132 97.5 70.5 130.9

130 102.0 72.9 135.3



#35

Methylcyclohexane

Concen: 4.722 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

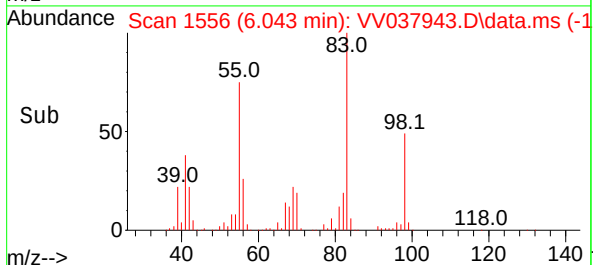
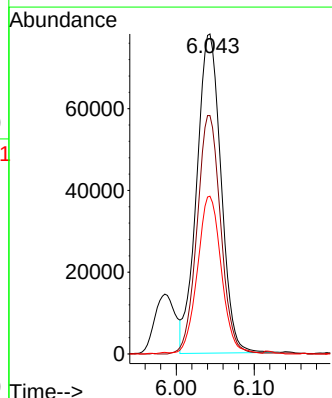
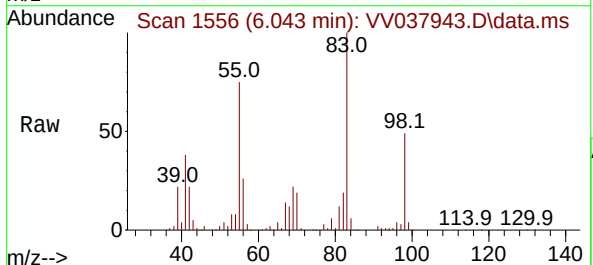
Tgt Ion: 83 Resp: 168685

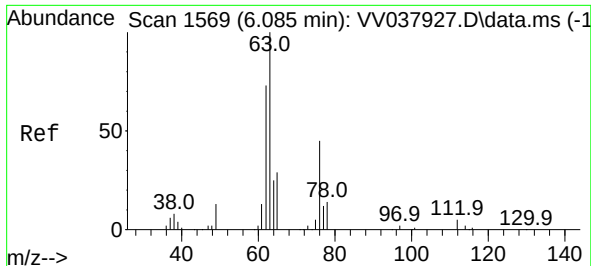
Ion Ratio Lower Upper

83 100

55 73.0 59.3 88.9

98 48.0 38.3 57.5

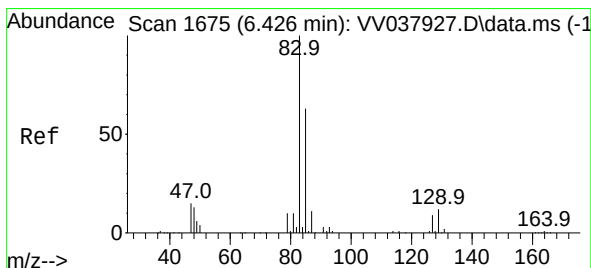
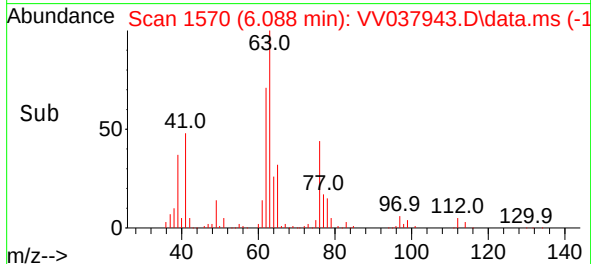
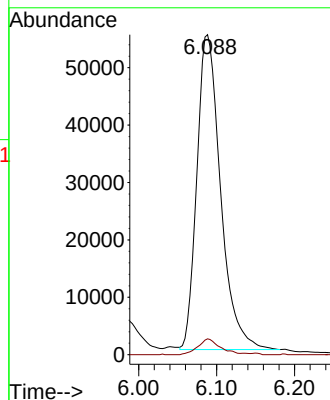
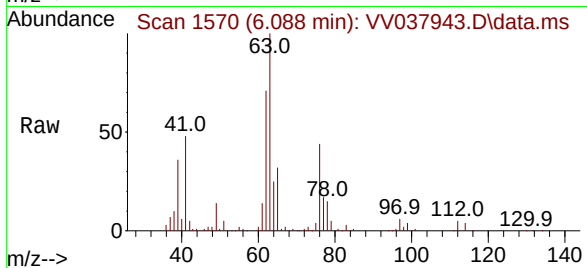




#37
1,2-Dichloropropane
Concen: 5.373 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

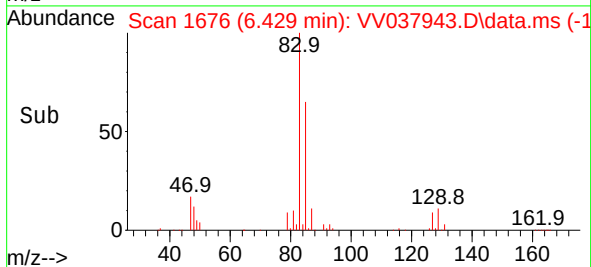
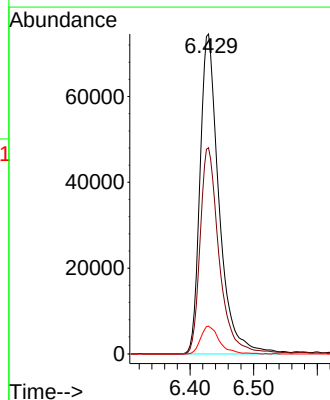
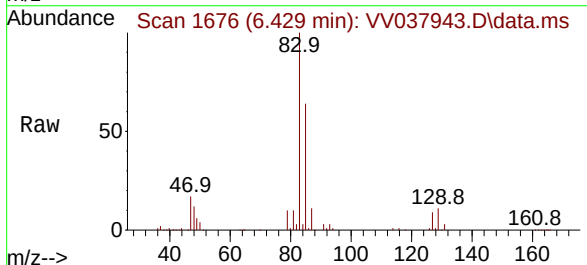
Instrument :
MSVOA_V
ClientSampleId :

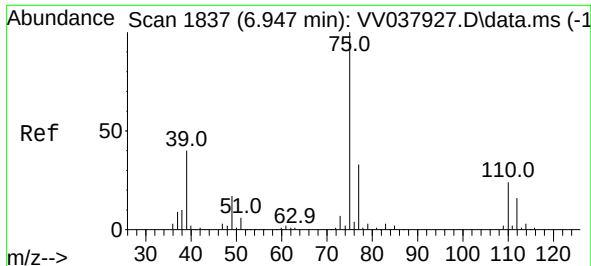
Tgt Ion: 63 Resp: 116248
Ion Ratio Lower Upper
63 100
112 4.7 4.1 6.1



#38
Bromodichloromethane
Concen: 5.394 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion: 83 Resp: 154805
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2
127 8.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.276 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

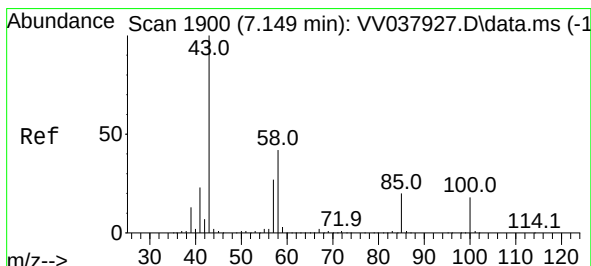
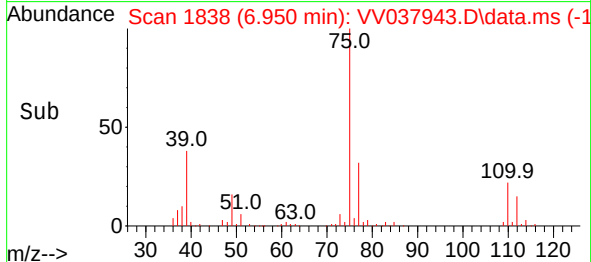
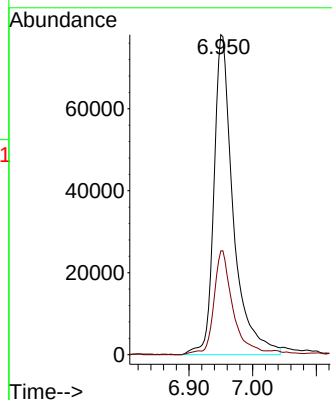
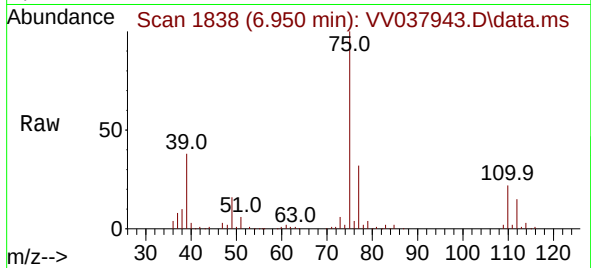
ClientSampleId :

Tgt Ion: 75 Resp: 164911

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 65.236 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

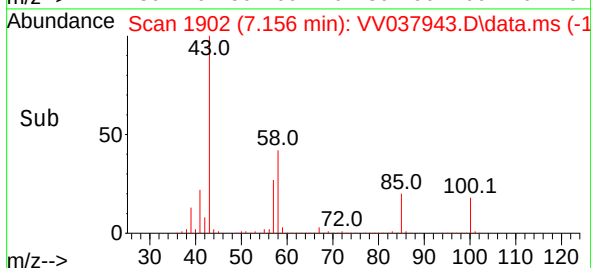
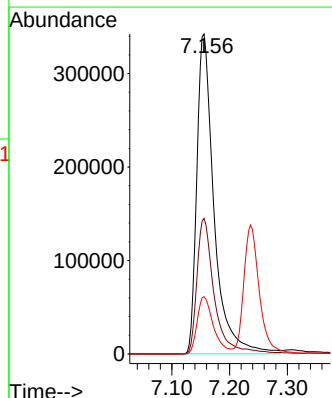
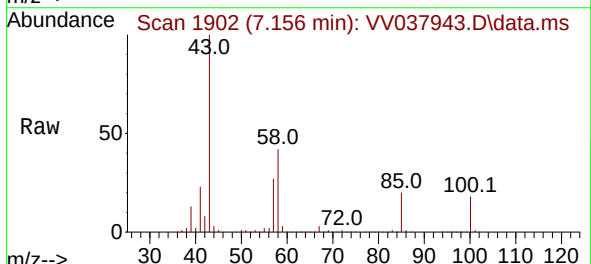
Tgt Ion: 43 Resp: 710193

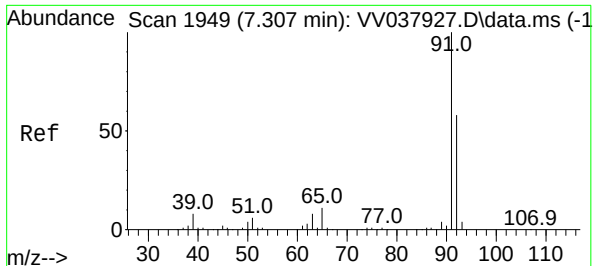
Ion Ratio Lower Upper

43 100

58 42.9 32.6 49.0

100 16.9 13.8 20.8





#42

Toluene

Concen: 5.468 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

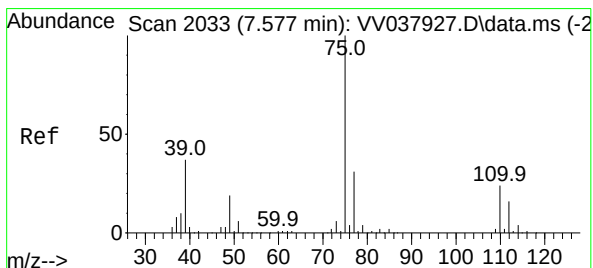
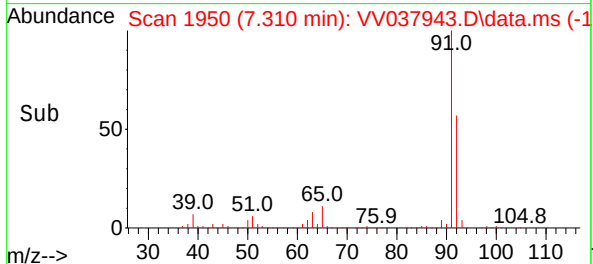
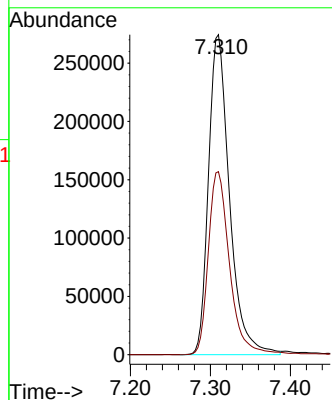
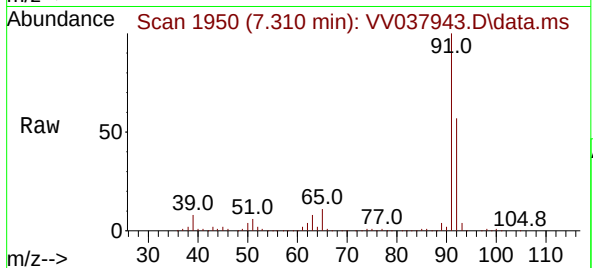
ClientSampleId :

Tgt Ion: 91 Resp: 500825

Ion Ratio Lower Upper

91 100

92 57.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.516 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037943.D

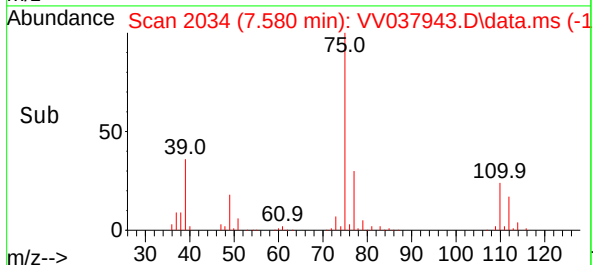
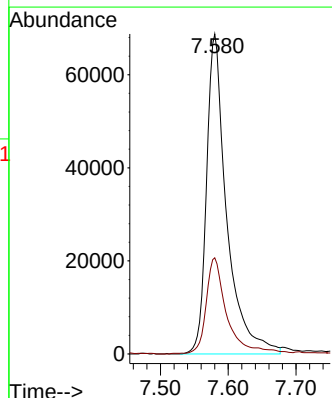
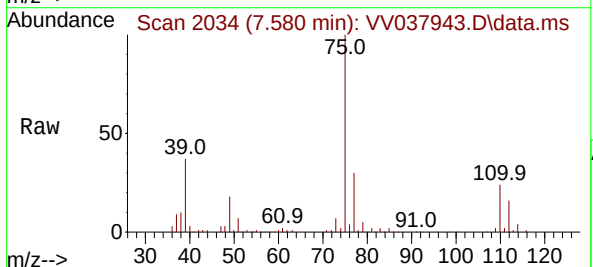
Acq: 06 Nov 2024 21:35

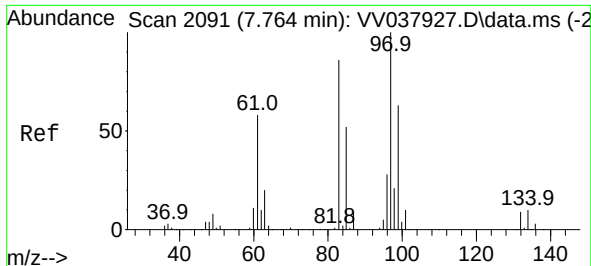
Tgt Ion: 75 Resp: 142161

Ion Ratio Lower Upper

75 100

77 30.1 21.8 40.6

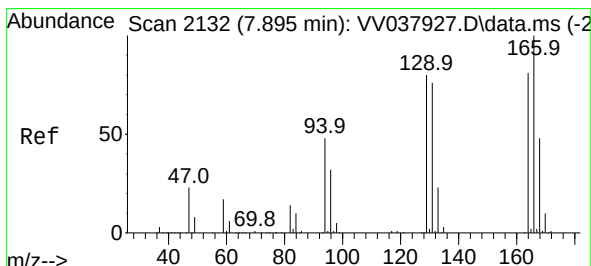
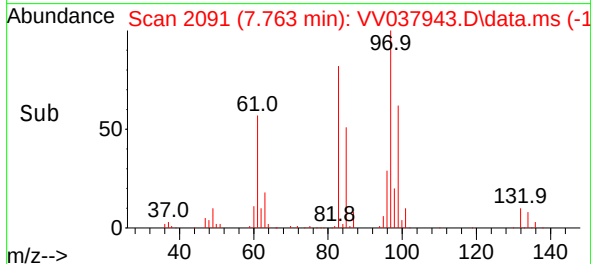
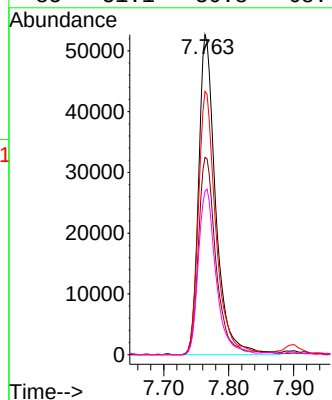
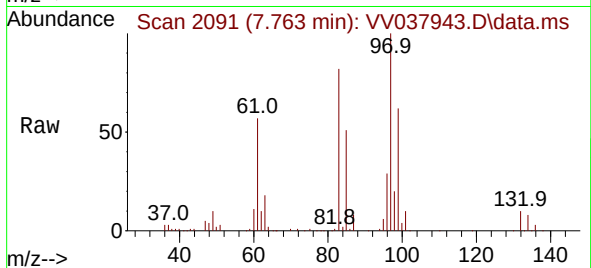




#45
1,1,2-Trichloroethane
Concen: 5.900 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

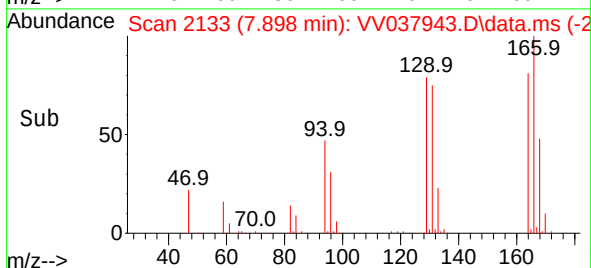
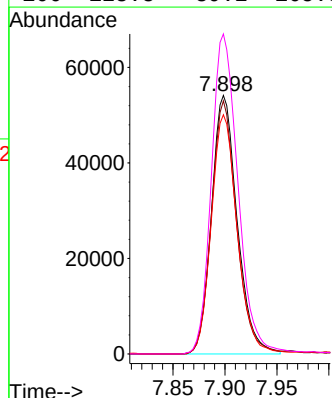
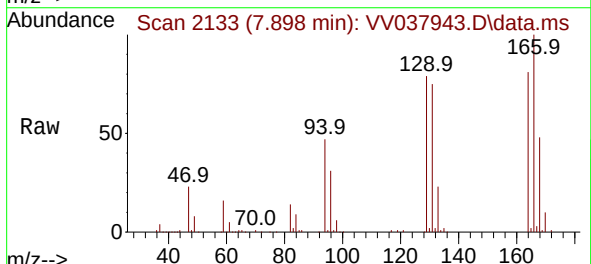
Instrument :
MSVOA_V
ClientSampleId :

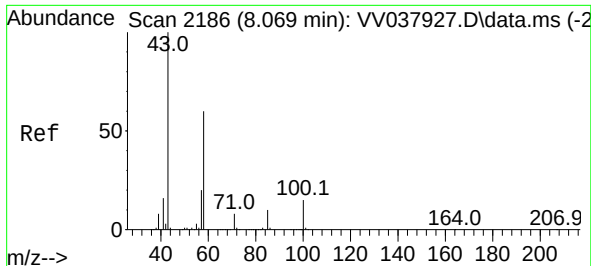
Tgt Ion:	97	Resp:	96617
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.4	78.8
83	82.2	59.3	110.1
85	51.1	36.8	68.4



#47
Tetrachloroethene
Concen: 4.992 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

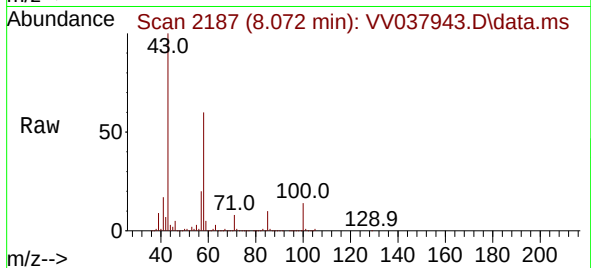
Tgt Ion:	164	Resp:	93006
Ion	Ratio	Lower	Upper
164	100		
129	97.9	66.8	124.2
131	92.5	65.2	121.2
166	123.8	89.2	165.8



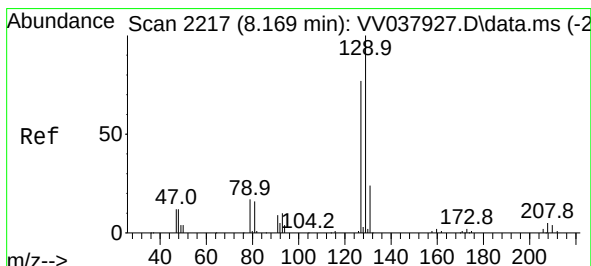
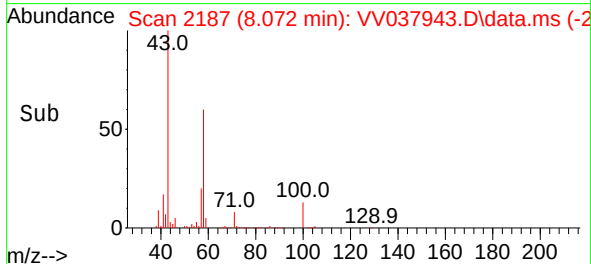
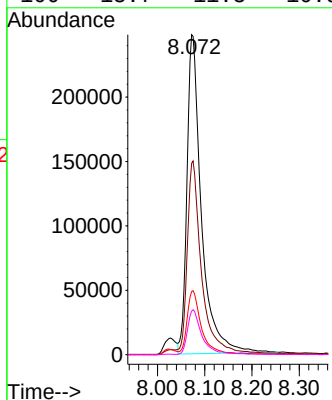


#48
2-Hexanone
Concen: 68.554 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Instrument :
MSVOA_V
ClientSampleId :

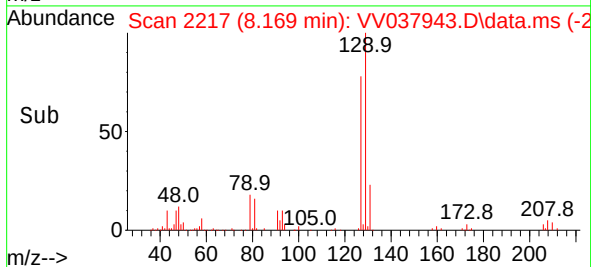
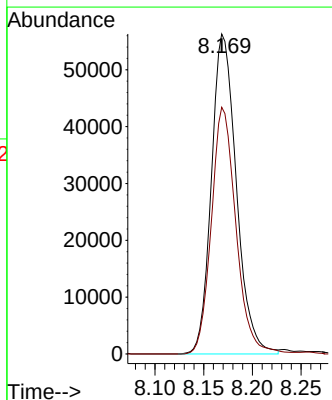
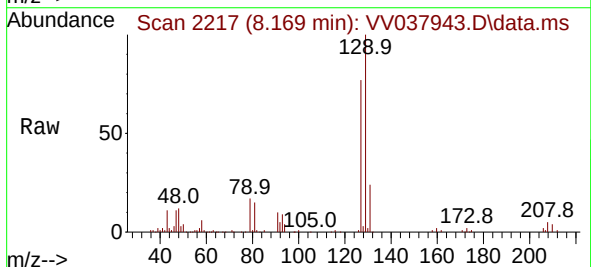


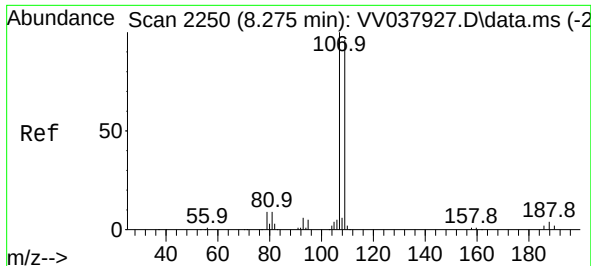
Tgt Ion: 43 Resp: 527913
Ion Ratio Lower Upper
43 100
58 59.2 48.5 72.7
57 19.0 16.3 24.5
100 13.7 11.3 16.9



#49
Dibromochloromethane
Concen: 5.364 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion: 129 Resp: 100398
Ion Ratio Lower Upper
129 100
127 77.1 52.2 97.0

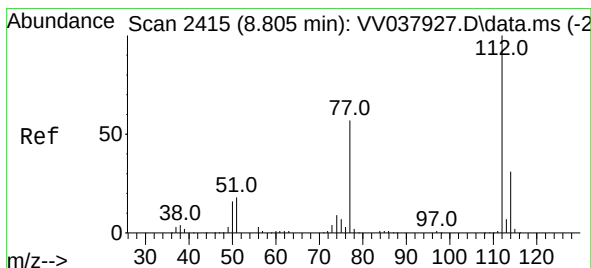
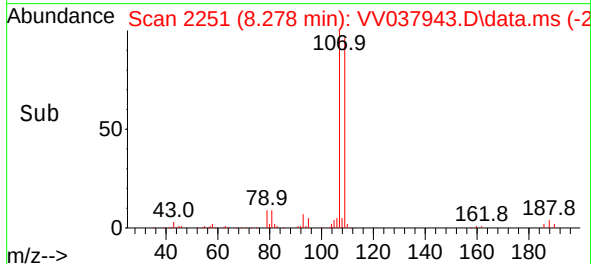
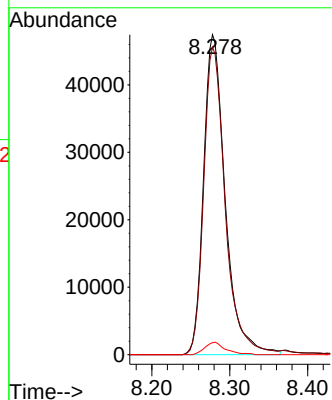
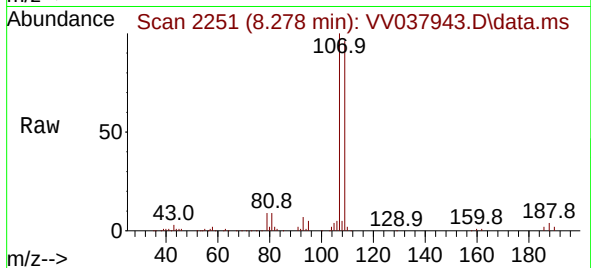




#50
1,2-Dibromoethane
Concen: 5.991 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

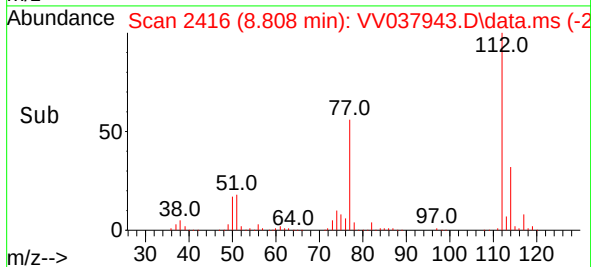
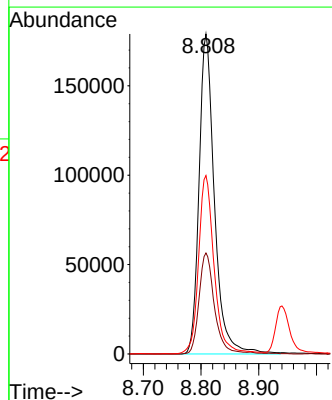
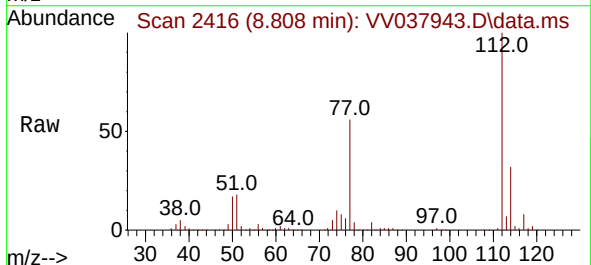
Instrument :
MSVOA_V
ClientSampleId :

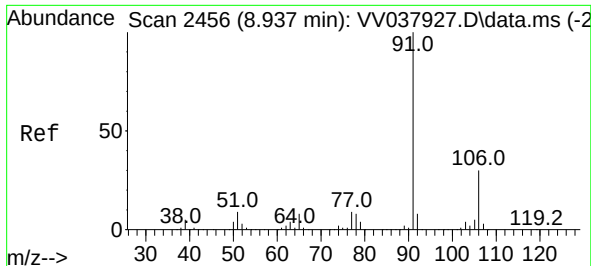
Tgt Ion:107 Resp: 91552
Ion Ratio Lower Upper
107 100
109 96.1 65.8 122.2
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 5.279 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion:112 Resp: 330673
Ion Ratio Lower Upper
112 100
114 31.6 23.0 42.6
77 55.8 45.9 68.9





#52

Ethylbenzene

Concen: 5.249 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

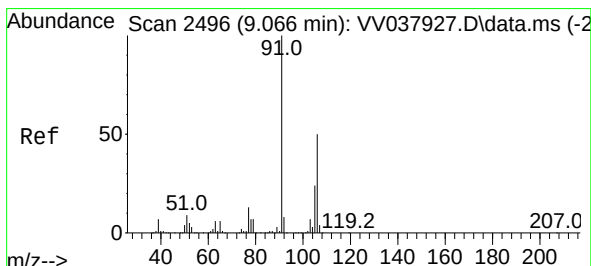
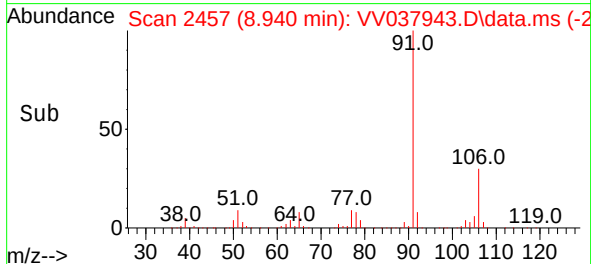
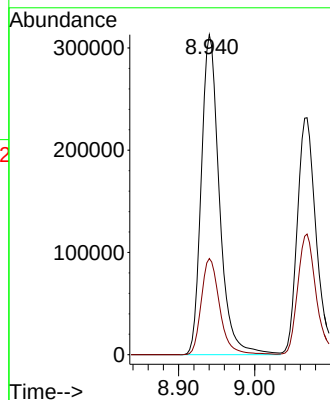
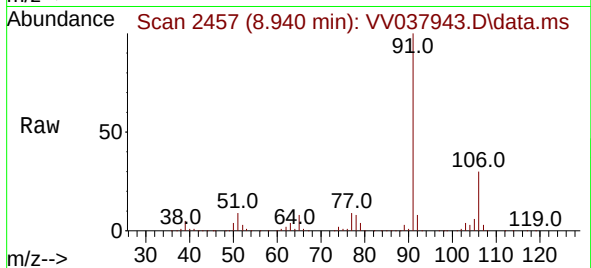
ClientSampleId :

Tgt Ion: 91 Resp: 517779

Ion Ratio Lower Upper

91 100

106 30.1 21.8 40.4



#53

m,p-Xylene

Concen: 5.326 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037943.D

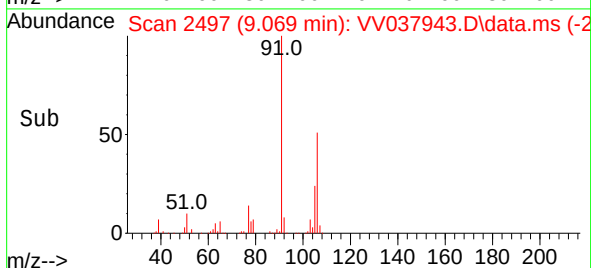
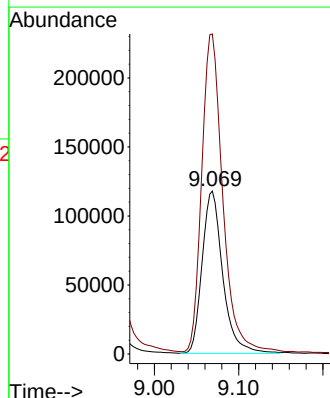
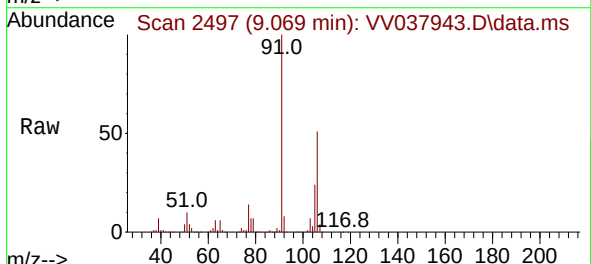
Acq: 06 Nov 2024 21:35

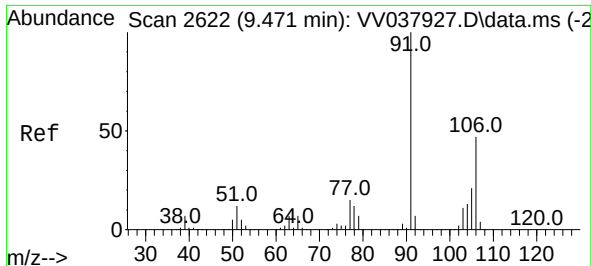
Tgt Ion: 106 Resp: 200444

Ion Ratio Lower Upper

106 100

91 196.4 139.0 258.2

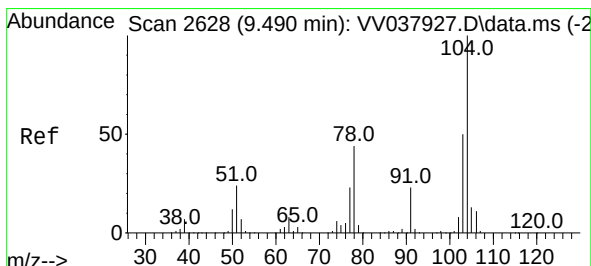
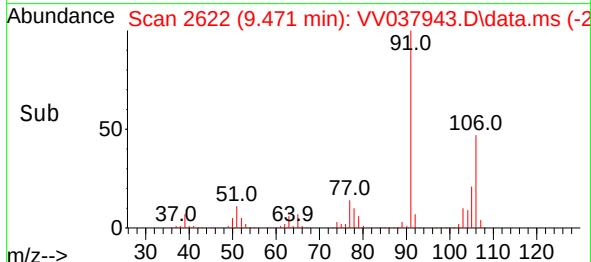
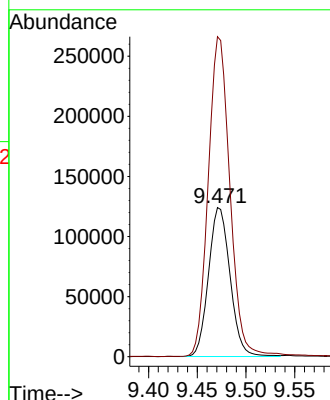
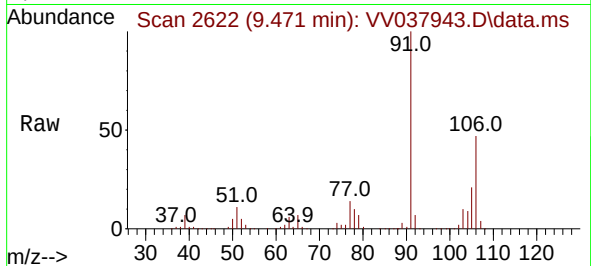




#54
o-Xylene
Concen: 5.323 ug/L
RT: 9.471 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

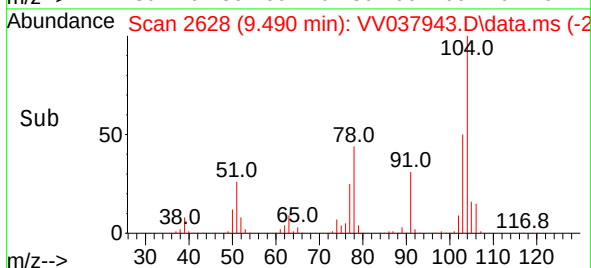
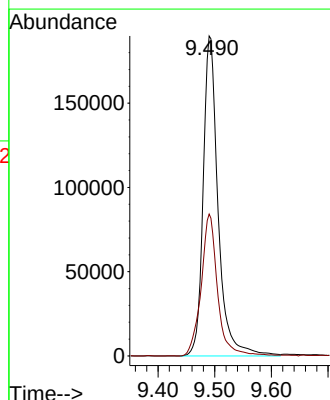
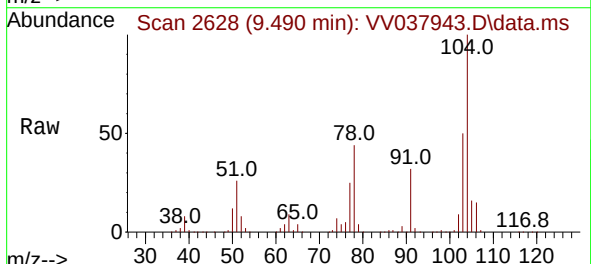
Instrument :
MSVOA_V
ClientSampleId :

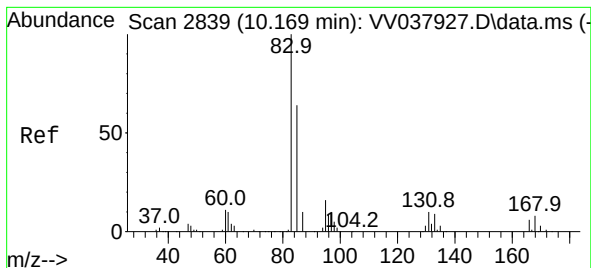
Tgt Ion:106 Resp: 190628
Ion Ratio Lower Upper
106 100
91 214.6 152.0 282.2



#55
Styrene
Concen: 5.646 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion:104 Resp: 348217
Ion Ratio Lower Upper
104 100
78 44.3 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 6.221 ug/L

RT: 10.172 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

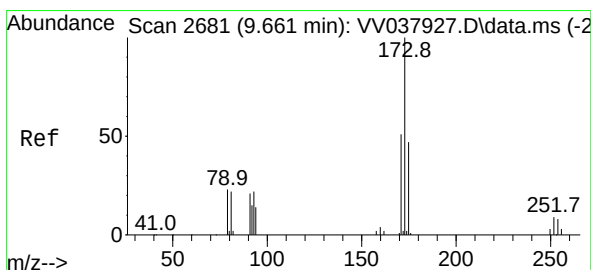
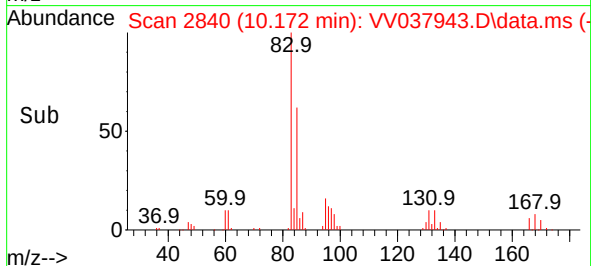
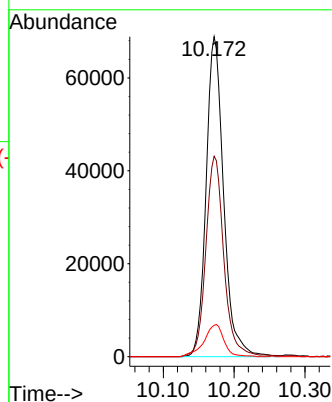
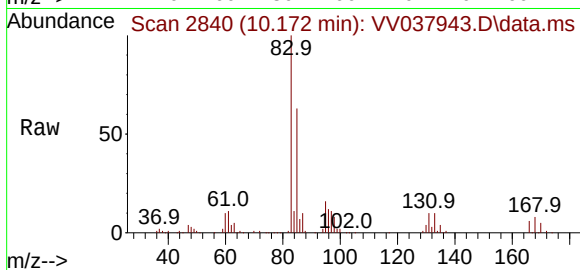
Tgt Ion: 83 Resp: 118254

Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.2

131 9.8 7.9 11.9



#59

Bromoform

Concen: 5.276 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

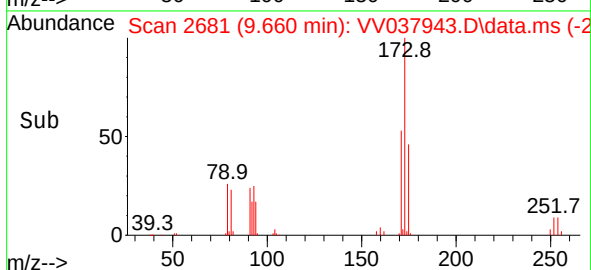
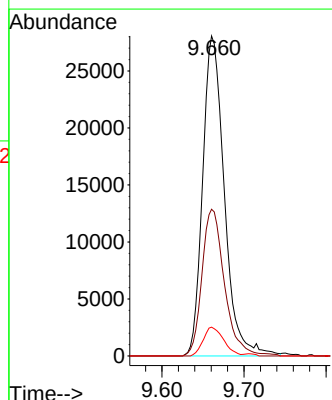
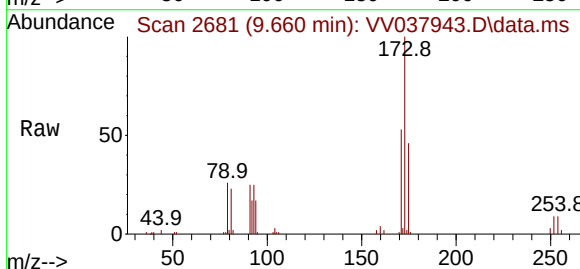
Tgt Ion: 173 Resp: 51562

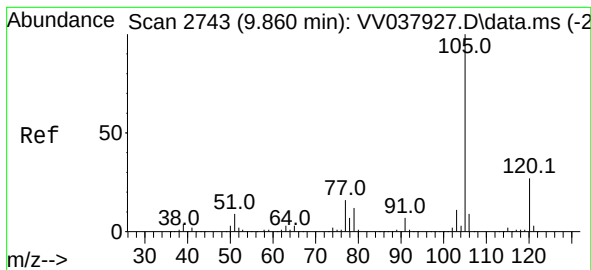
Ion Ratio Lower Upper

173 100

175 47.6 38.0 57.0

254 8.5 6.9 10.3





#60

Isopropylbenzene

Concen: 5.114 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037943.D

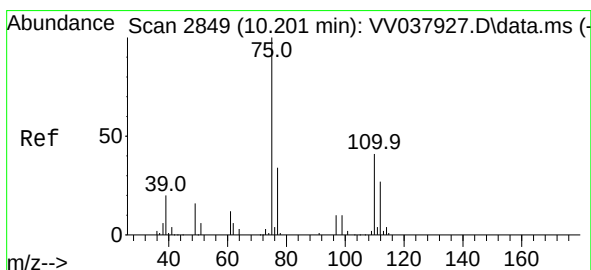
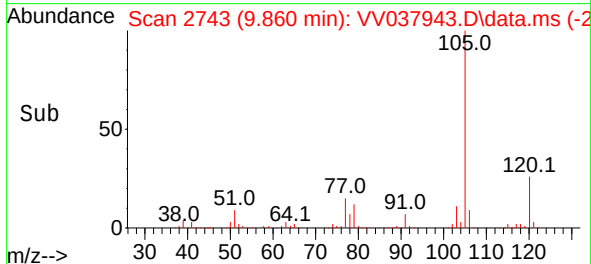
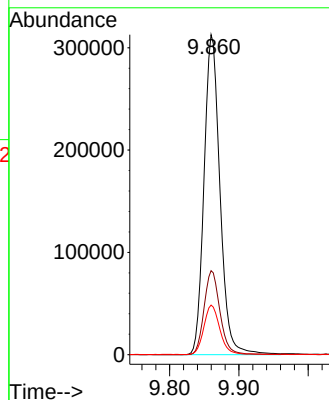
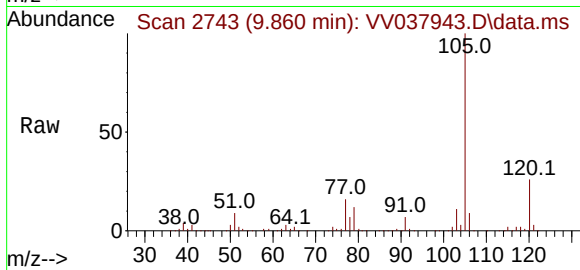
Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	499781
Ion	Ratio	Lower Upper
105	100	
120	26.2	21.0 31.4
77	15.3	12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 6.253 ug/L

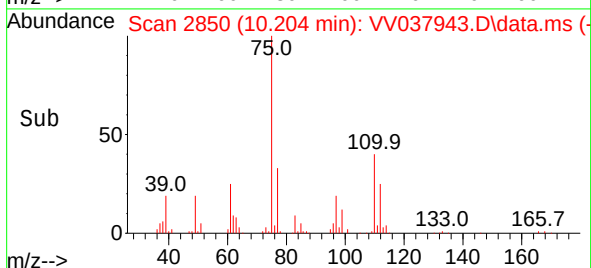
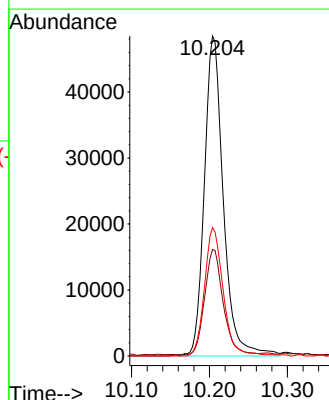
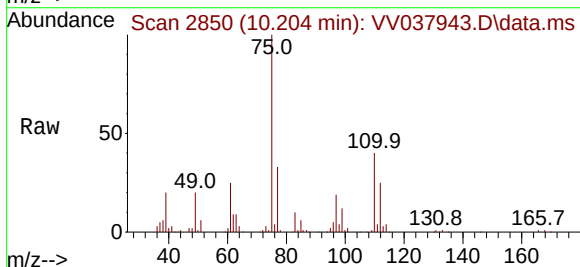
RT: 10.204 min Scan# 2850

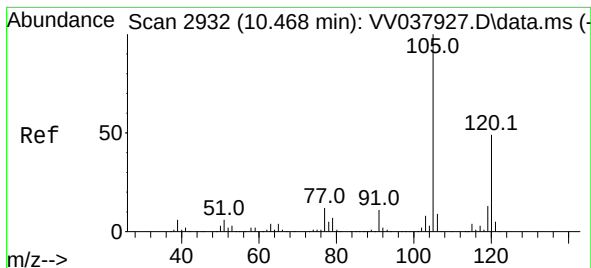
Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Tgt Ion: 75	Resp:	82005
Ion	Ratio	Lower Upper
75	100	
77	31.9	24.9 37.3
110	39.5	33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.080 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

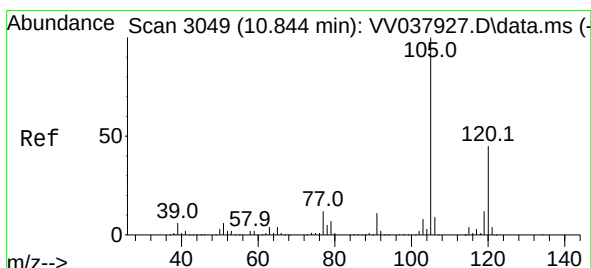
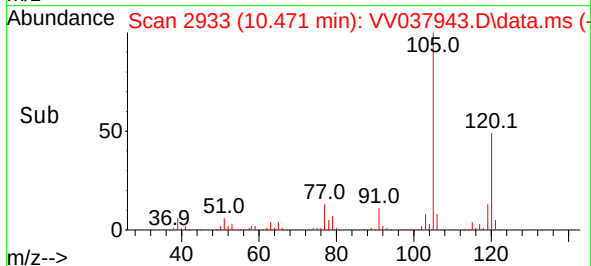
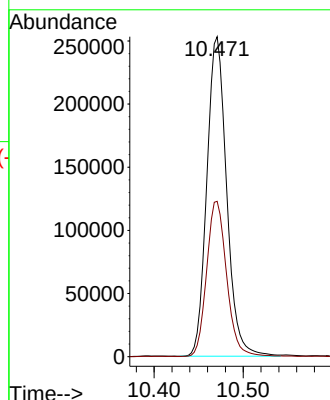
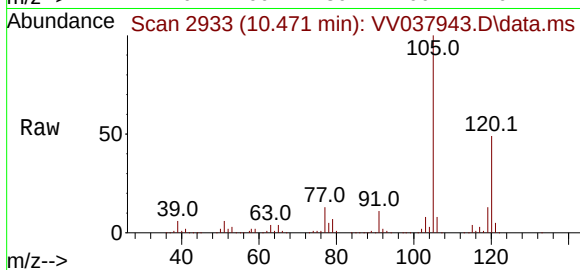
ClientSampleId :

Tgt Ion:105 Resp: 390325

Ion Ratio Lower Upper

105 100

120 49.2 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 5.286 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037943.D

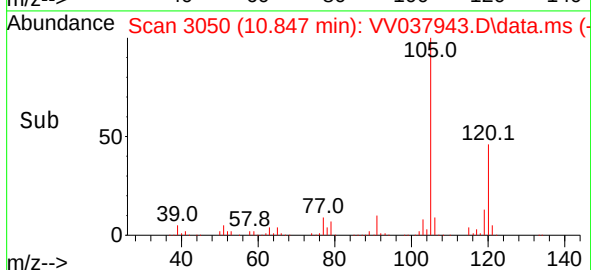
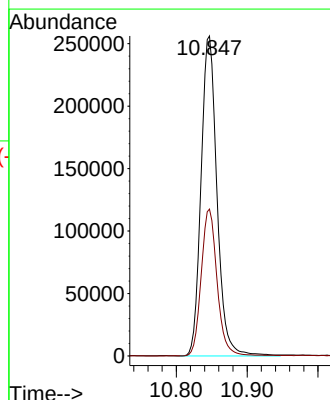
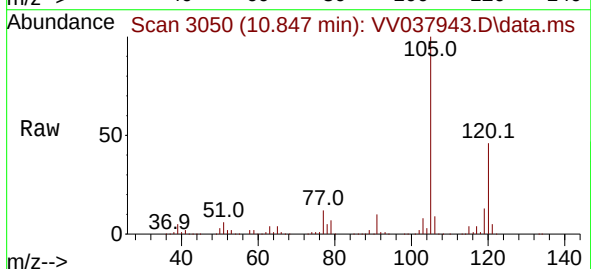
Acq: 06 Nov 2024 21:35

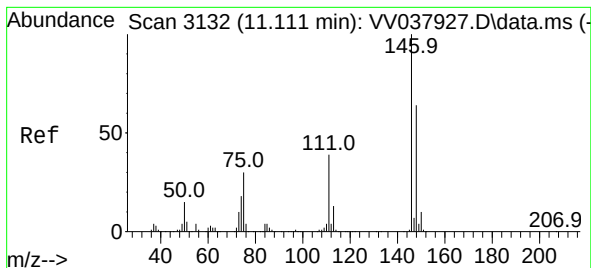
Tgt Ion:105 Resp: 400730

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.317 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

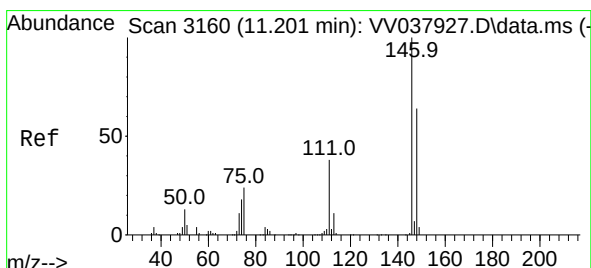
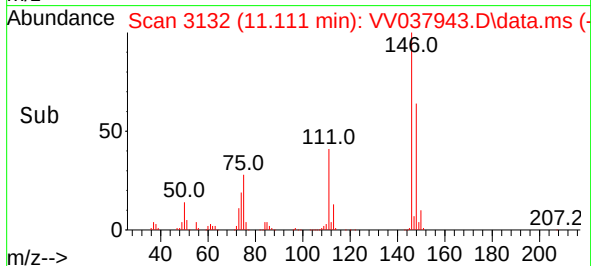
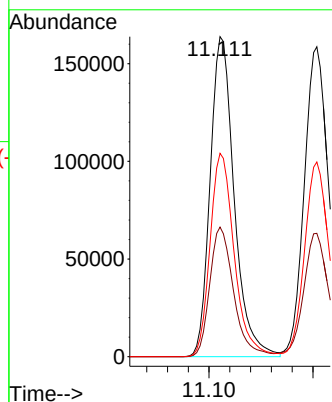
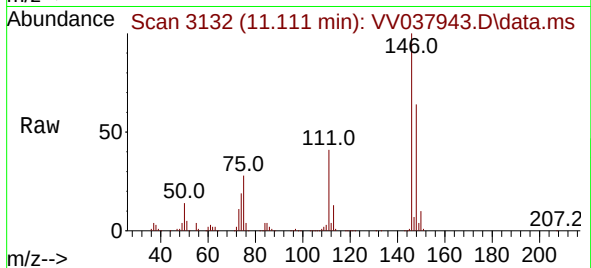
Tgt Ion:146 Resp: 263088

Ion Ratio Lower Upper

146 100

111 40.5 28.7 53.3

148 63.5 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.304 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

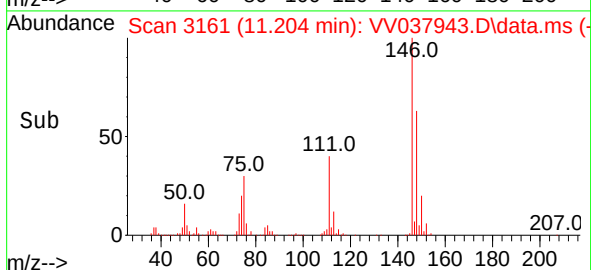
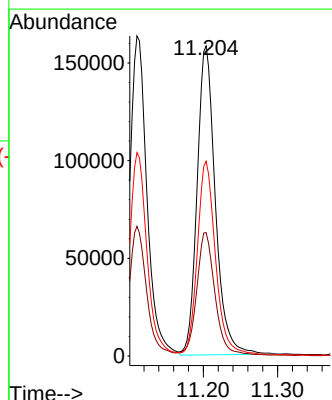
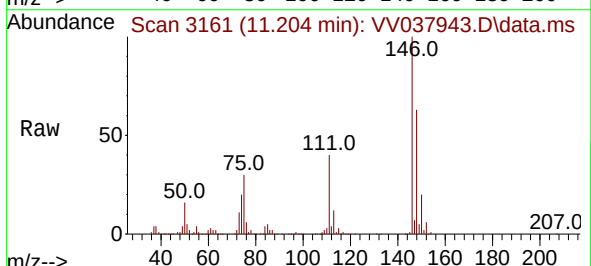
Tgt Ion:146 Resp: 271056

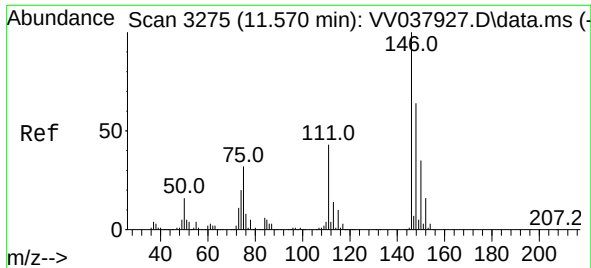
Ion Ratio Lower Upper

146 100

111 39.8 27.6 51.2

148 62.8 44.4 82.4

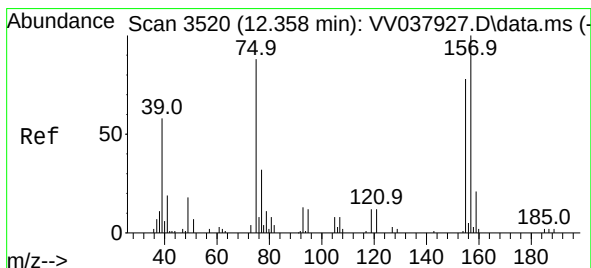
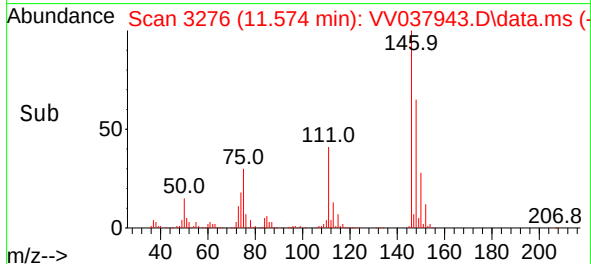
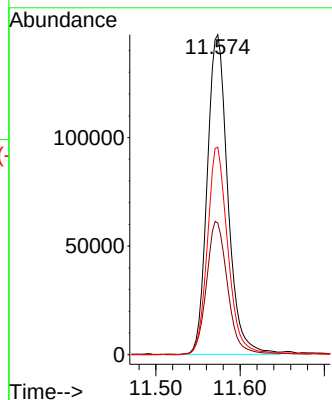
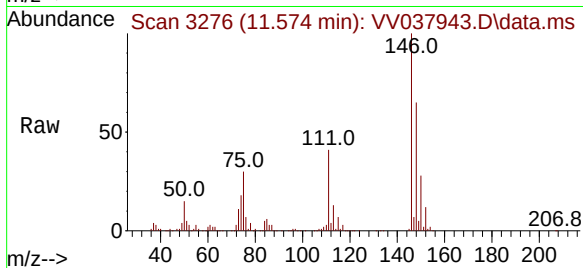




#67
1,2-Dichlorobenzene
Concen: 5.478 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

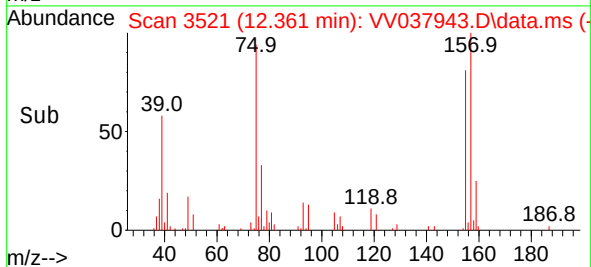
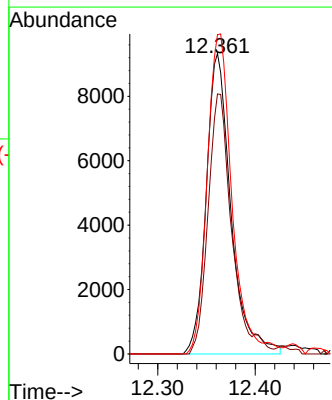
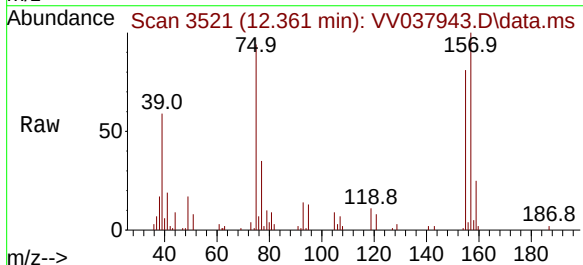
Instrument :
MSVOA_V
ClientSampleId :

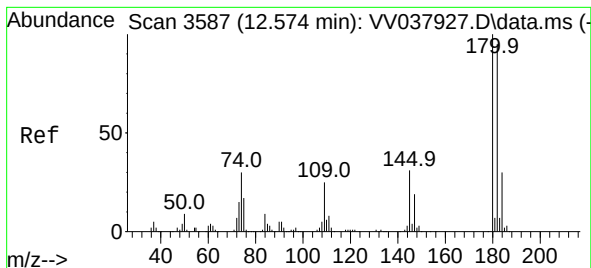
Tgt Ion:146 Resp: 250638
Ion Ratio Lower Upper
146 100
111 41.2 33.9 50.9
148 64.8 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.785 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV037943.D
Acq: 06 Nov 2024 21:35

Tgt Ion: 75 Resp: 16472
Ion Ratio Lower Upper
75 100
155 86.5 70.2 105.2
157 106.3 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 5.128 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

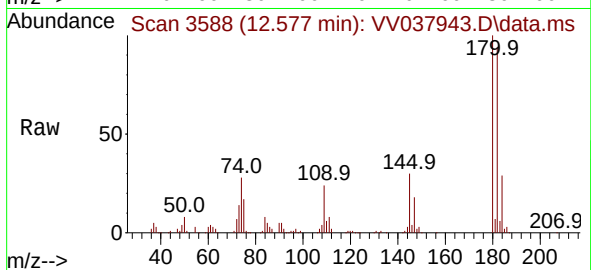
Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 179088

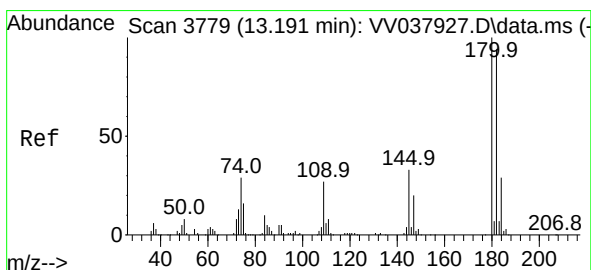
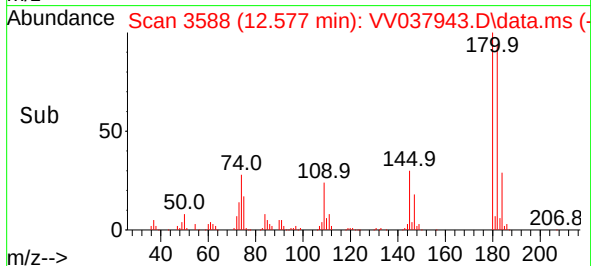
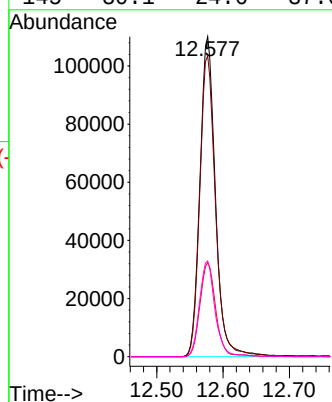
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

184 29.8 24.1 36.1

145 30.1 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.521 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

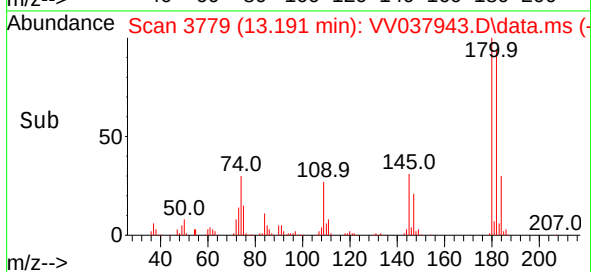
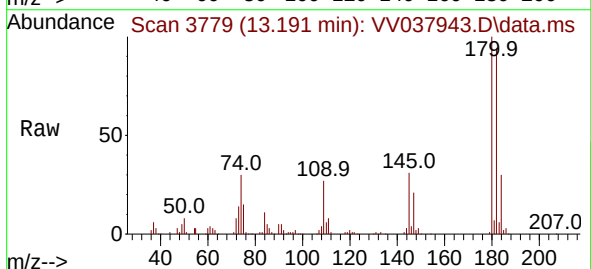
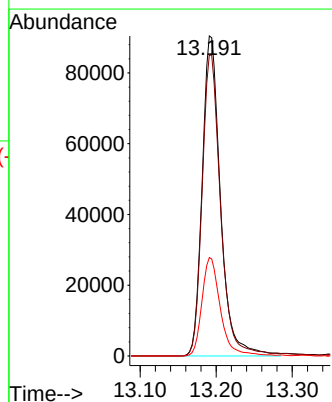
Tgt Ion:180 Resp: 151412

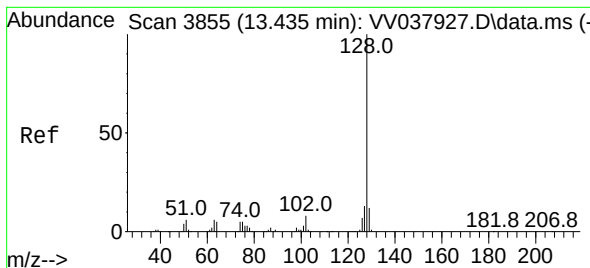
Ion Ratio Lower Upper

180 100

182 94.5 74.8 112.2

145 31.0 25.4 38.0





#71

Naphthalene

Concen: 6.242 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Instrument :

MSVOA_V

ClientSampleId :

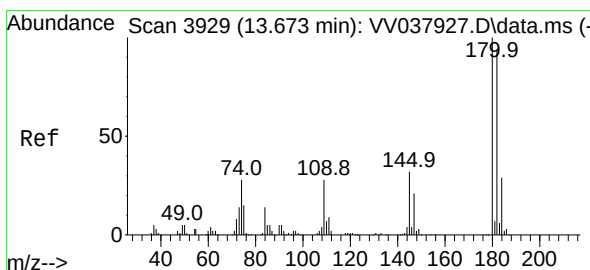
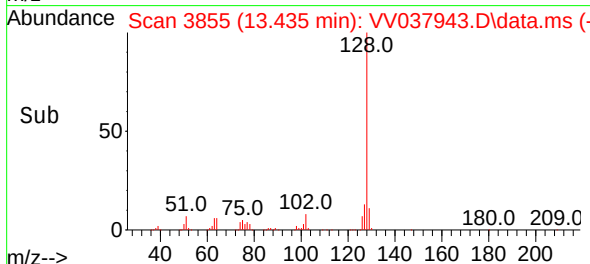
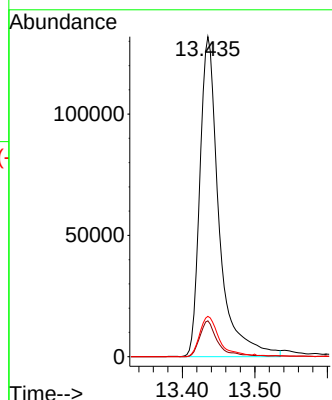
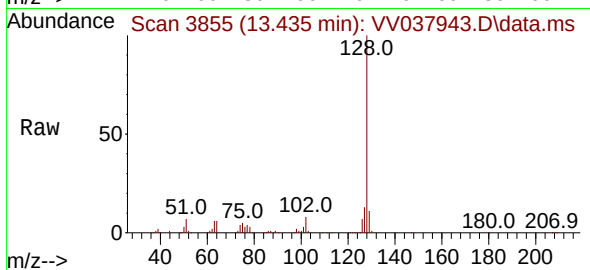
Tgt Ion:128 Resp: 242914

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

127 12.8 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.961 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037943.D

Acq: 06 Nov 2024 21:35

Tgt Ion:180 Resp: 140943

Ion Ratio Lower Upper

180 100

182 95.4 79.4 119.0

145 32.8 26.6 40.0

