

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110724\
 Data File : VV037967.D
 Acq On : 07 Nov 2024 20:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 01:25:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	299905	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	309212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	170061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	99311	4.326	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.529	69	84181	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.053	65	42842	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.812	46	244248	57.087	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.180%
24) Chloroform-d	4.243	84	210648	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	4.937	65	96782	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	4.953	84	383065	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.982	67	113748	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.236	98	355742	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.555	79	39937	4.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.021	63	232006	66.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.600%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	105453	5.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	130777	4.662	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145138	4.848	ug/L	99
3) Chloromethane	1.214	50	138270	4.909	ug/L	98
5) Vinyl chloride	1.278	62	140893	5.026	ug/L	95
6) Bromomethane	1.484	94	77724	4.901	ug/L	95
8) Chloroethane	1.545	64	90892	5.450	ug/L	94
9) Trichlorofluoromethane	1.709	101	194108	4.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	110776	4.970	ug/L	99
12) 1,1-Dichloroethene	2.063	96	105341	5.142	ug/L	97
13) Acetone	2.140	43	176487	58.111	ug/L	96
14) Carbon disulfide	2.233	76	345284	4.968	ug/L	100
15) Methyl Acetate	2.388	43	40870	5.685	ug/L	99
16) Methylene chloride	2.442	84	129711	5.424	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	259683	5.669	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	116199	5.251	ug/L	96
19) 1,1-Dichloroethane	3.105	63	214039	5.325	ug/L	98
21) 2-Butanone	3.889	43	262623	58.185	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	122529	5.255	ug/L	100
23) Bromochloromethane	4.143	128	59984	5.698	ug/L	98
25) Chloroform	4.269	83	225849	5.348	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110724\
 Data File : VV037967.D
 Acq On : 07 Nov 2024 20:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 01:25:43 2024
 Response via : Initial Calibration

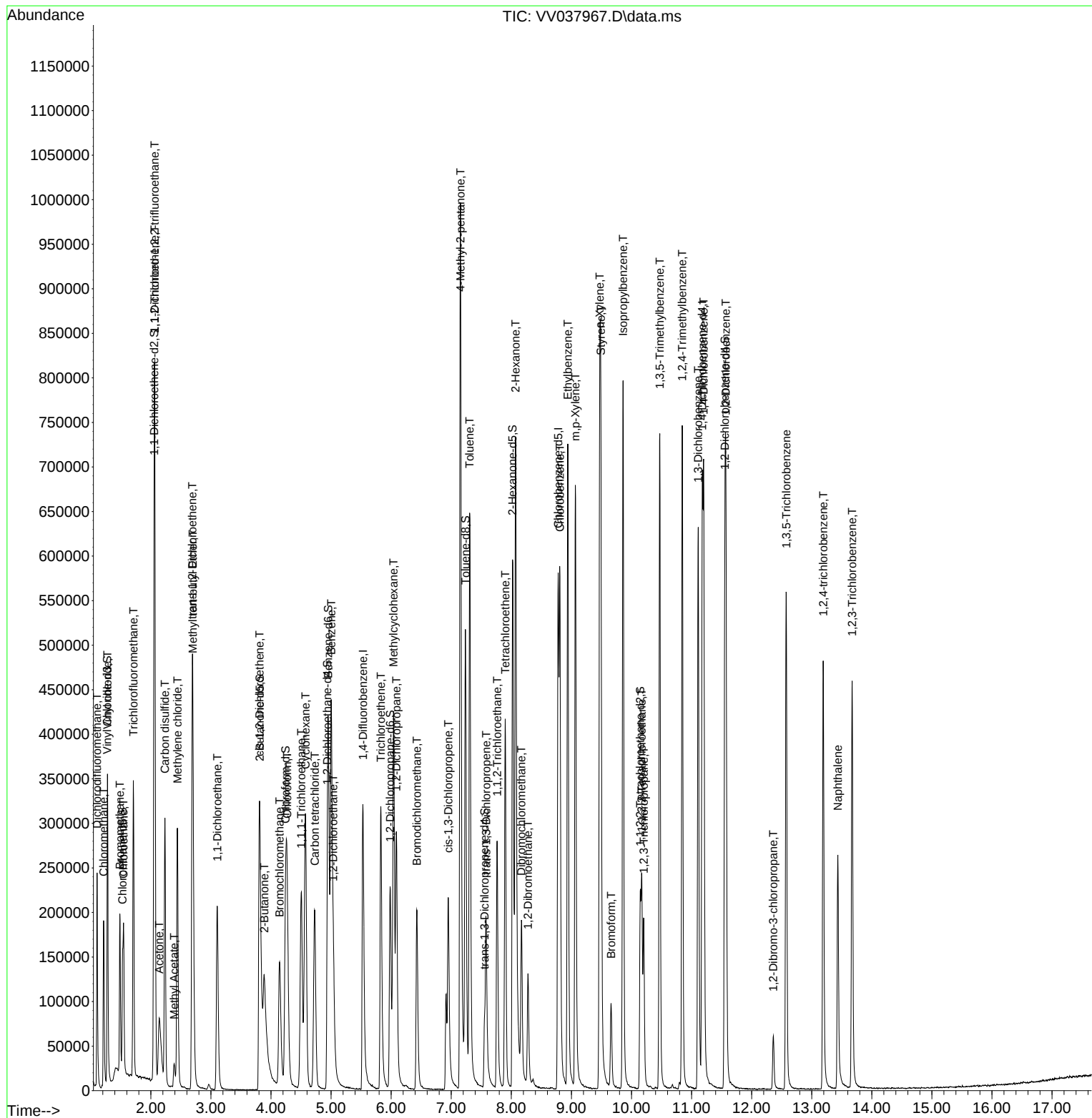
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	134277	5.739	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	193660	5.239	ug/L	97
30) Cyclohexane	4.574	56	163877	4.997	ug/L	98
31) Carbon tetrachloride	4.728	117	161677	4.984	ug/L	100
33) Benzene	5.002	78	466867	5.495	ug/L	100
34) Trichloroethene	5.828	95	119596	5.083	ug/L	97
35) Methylcyclohexane	6.040	83	172217	4.911	ug/L	99
37) 1,2-Dichloropropane	6.088	63	122100	5.749	ug/L	99
38) Bromodichloromethane	6.426	83	146883	5.213	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	153986	5.019	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	687317	64.312	ug/L	97
42) Toluene	7.307	91	498384	5.543	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	129007	5.099	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	94617	5.886	ug/L	97
47) Tetrachloroethene	7.899	164	95785	5.237	ug/L	99
48) 2-Hexanone	8.072	43	494469	65.408	ug/L	99
49) Dibromochloromethane	8.169	129	91248	4.966	ug/L	96
50) 1,2-Dibromoethane	8.278	107	88782	5.918	ug/L	99
51) Chlorobenzene	8.809	112	326671	5.313	ug/L	99
52) Ethylbenzene	8.940	91	517467	5.344	ug/L	99
53) m,p-Xylene	9.066	106	196619	5.322	ug/L	93
54) o-Xylene	9.471	106	194260	5.525	ug/L	98
55) Styrene	9.490	104	355026	5.863	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	115496	6.189	ug/L	99
59) Bromoform	9.661	173	45598	4.601	ug/L	98
60) Isopropylbenzene	9.860	105	515096	5.198	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	78803	5.926	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	394081	5.058	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	407828	5.305	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	265678	5.295	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	269482	5.201	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	245357	5.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	17693	6.128	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	180069	5.085	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	154740	5.565	ug/L	98
71) Naphthalene	13.435	128	235477	5.967	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	142733	5.954	ug/L	97

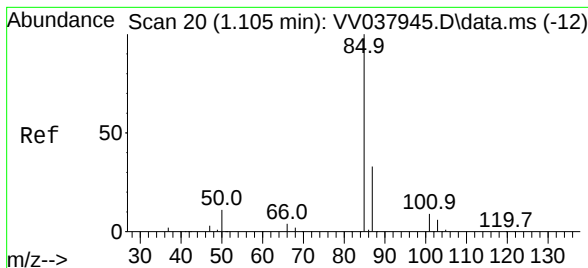
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110724\
 Data File : VV037967.D
 Acq On : 07 Nov 2024 20:23
 Operator : SY/MD
 Sample : VSTDC0005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 01:25:43 2024
 Response via : Initial Calibration

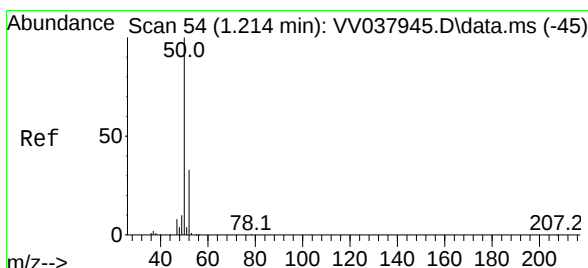
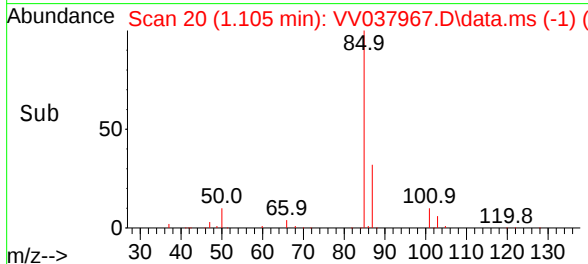
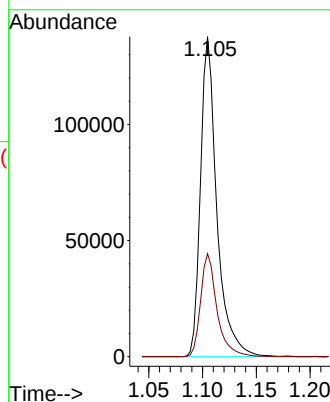
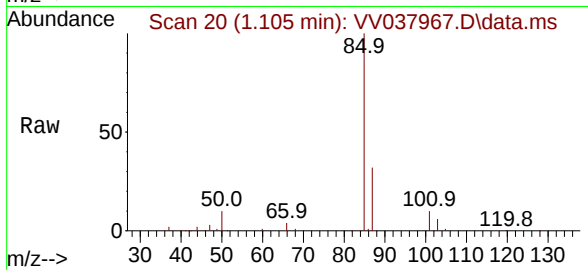




#2
 Dichlorodifluoromethane
 Concen: 4.848 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037967.D
 Acq: 07 Nov 2024 20:23

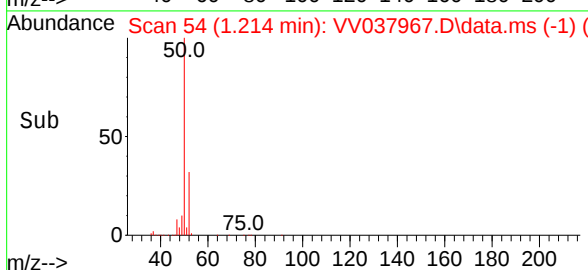
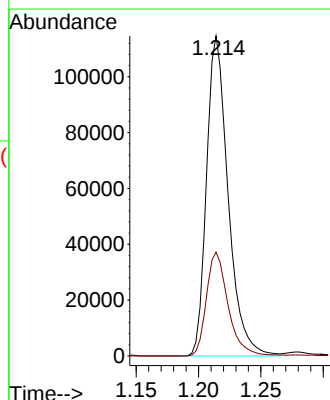
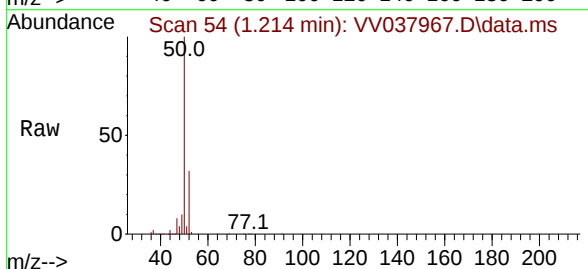
Instrument :
 MSVOA_V
 ClientSampleId :

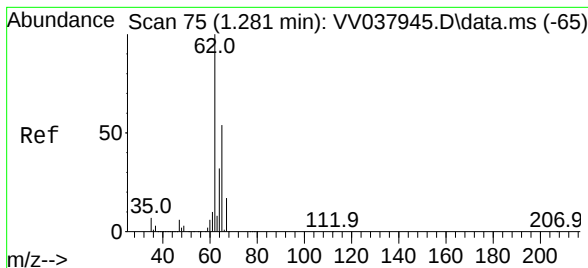
Tgt Ion: 85 Resp: 145138
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.4 38.0



#3
 Chloromethane
 Concen: 4.909 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037967.D
 Acq: 07 Nov 2024 20:23

Tgt Ion: 50 Resp: 138270
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.4





#5

Vinyl chloride

Concen: 5.026 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

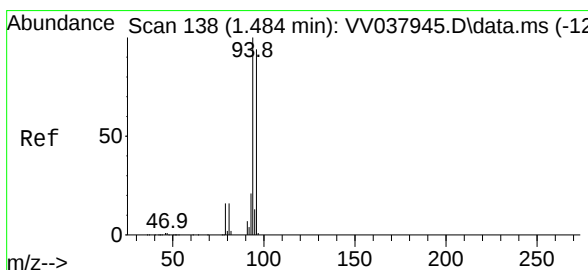
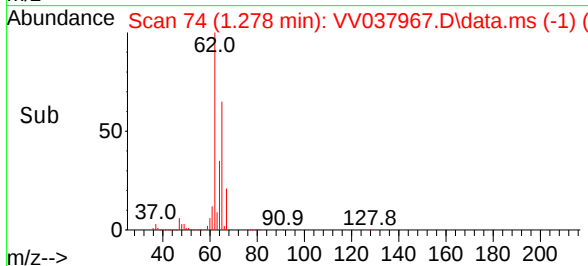
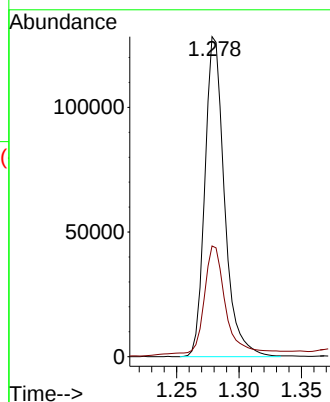
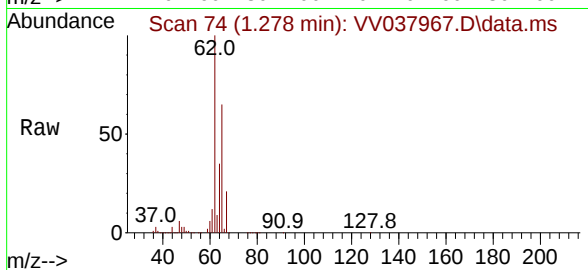
ClientSampleId :

Tgt Ion: 62 Resp: 140893

Ion Ratio Lower Upper

62 100

64 34.6 22.4 41.6



#6

Bromomethane

Concen: 4.901 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV037967.D

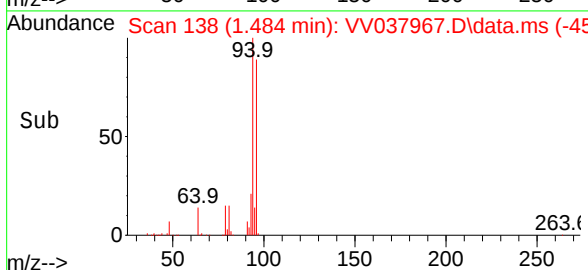
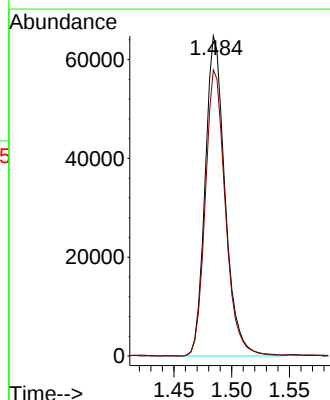
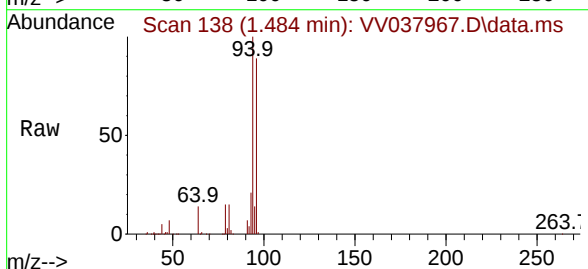
Acq: 07 Nov 2024 20:23

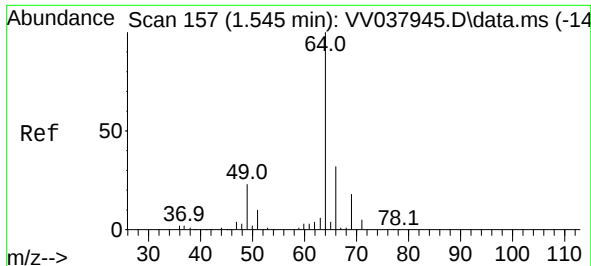
Tgt Ion: 94 Resp: 77724

Ion Ratio Lower Upper

94 100

96 89.4 66.3 123.1

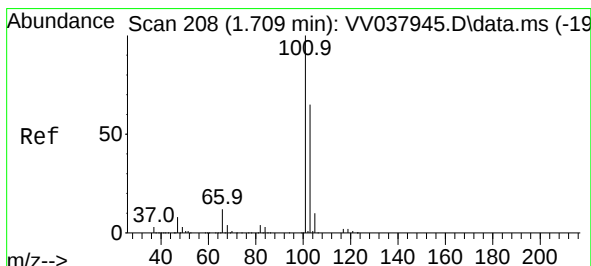
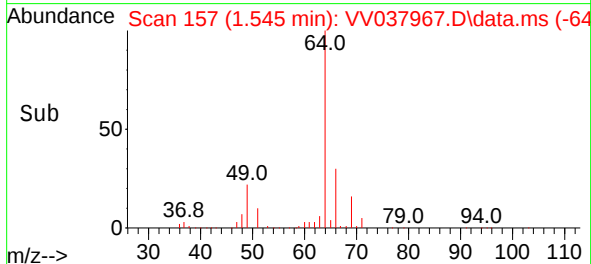
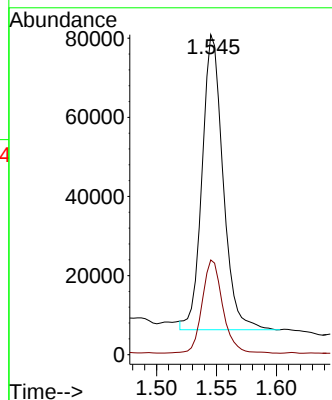
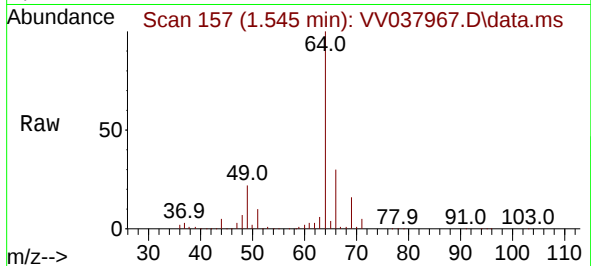




#8
Chloroethane
Concen: 5.450 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

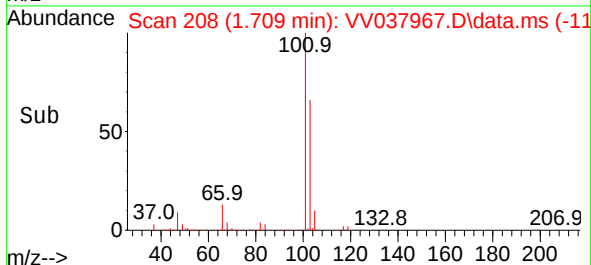
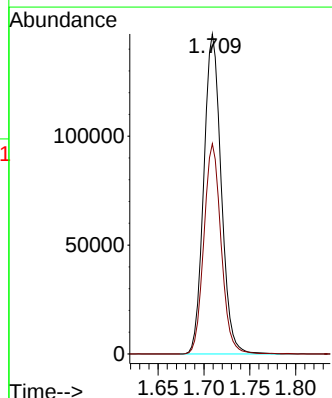
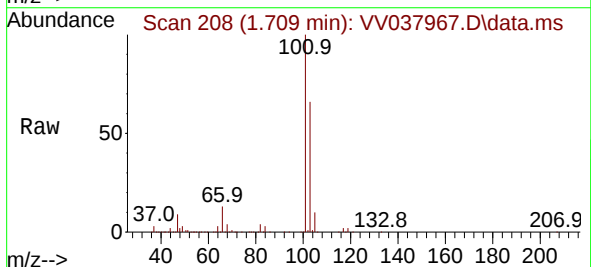
Instrument :
MSVOA_V
ClientSampleId :

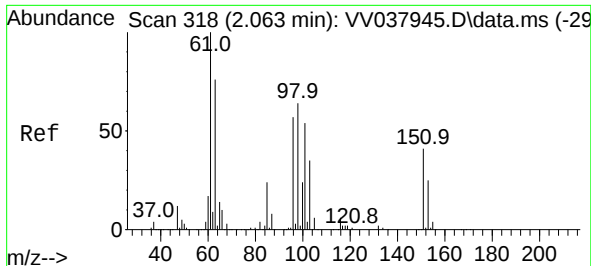
Tgt Ion: 64 Resp: 90892
Ion Ratio Lower Upper
64 100
66 29.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.984 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion:101 Resp: 194108
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

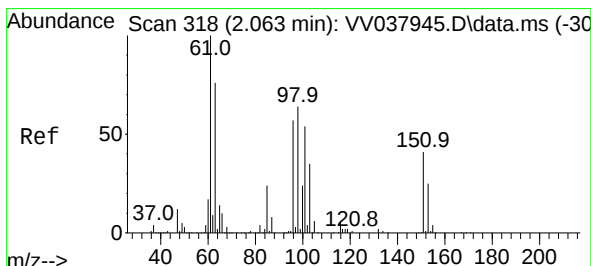
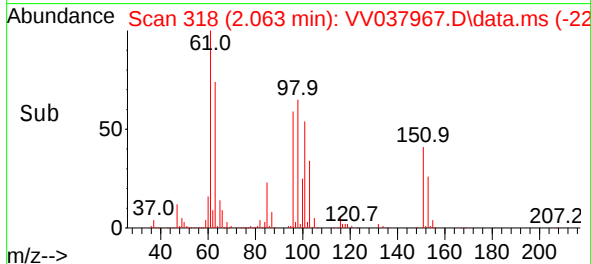
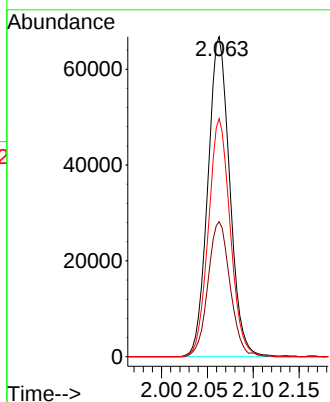
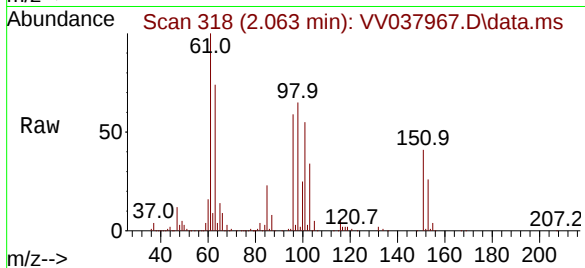




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.970 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

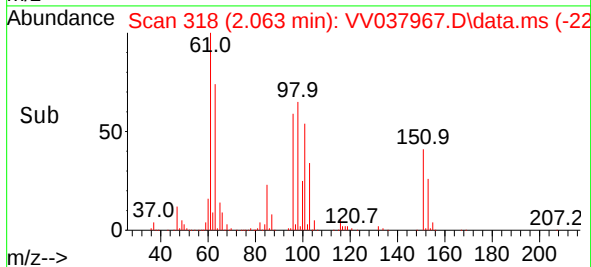
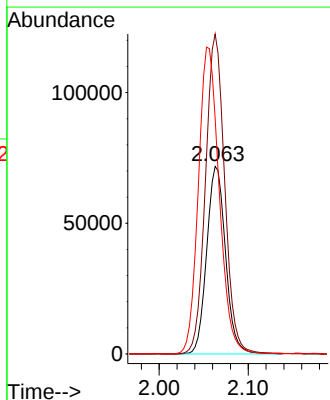
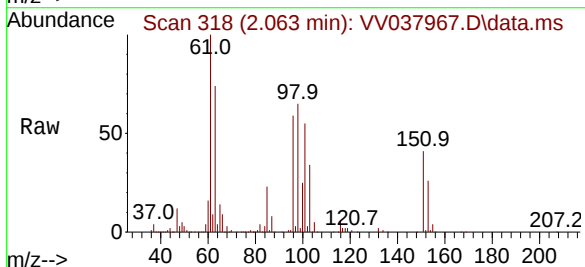
Instrument :
MSVOA_V
ClientSampleId :

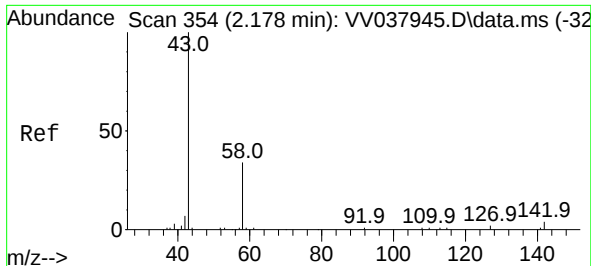
Tgt Ion:101 Resp: 110776
Ion Ratio Lower Upper
101 100
85 42.6 35.0 52.6
151 74.3 59.2 88.8



#12
1,1-Dichloroethene
Concen: 5.142 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

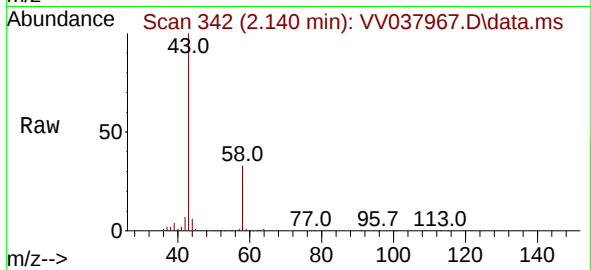
Tgt Ion: 96 Resp: 105341
Ion Ratio Lower Upper
96 100
61 170.6 117.4 218.0
63 125.6 91.7 170.3



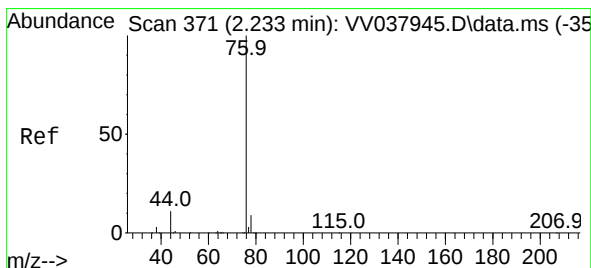
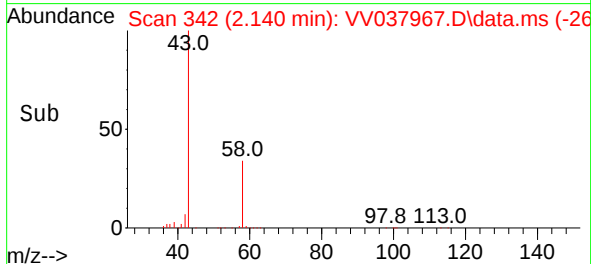
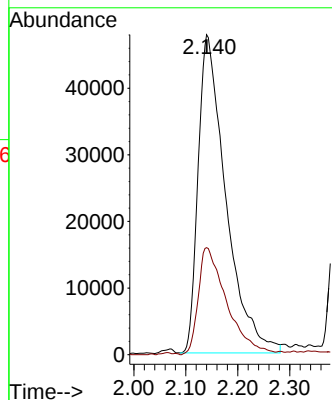


#13
Acetone
Concen: 58.111 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.038 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Instrument :
MSVOA_V
ClientSampleId :

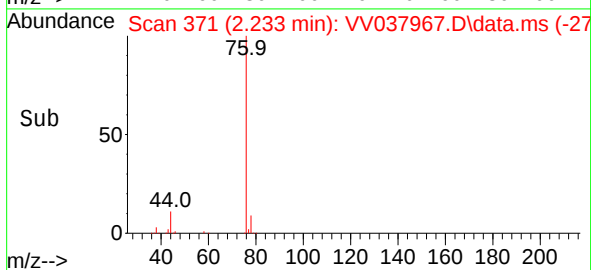
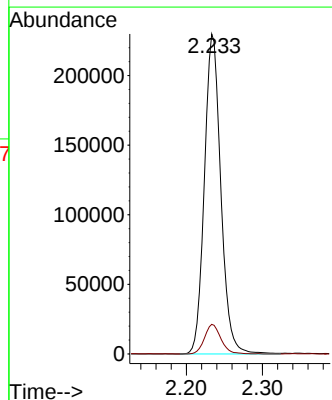
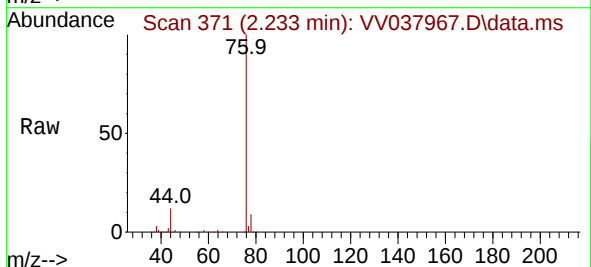


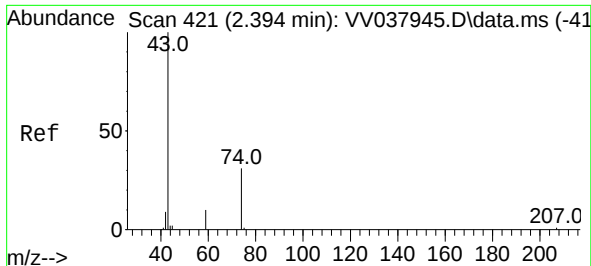
Tgt Ion: 43 Resp: 176487
Ion Ratio Lower Upper
43 100
58 34.6 0.0 64.6



#14
Carbon disulfide
Concen: 4.968 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

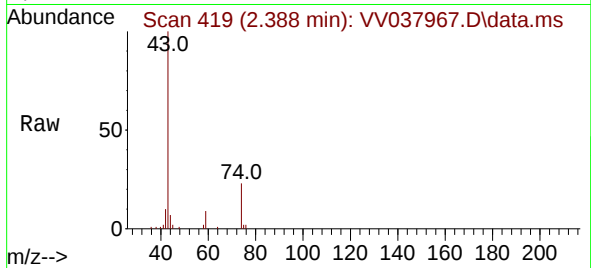
Tgt Ion: 76 Resp: 345284
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



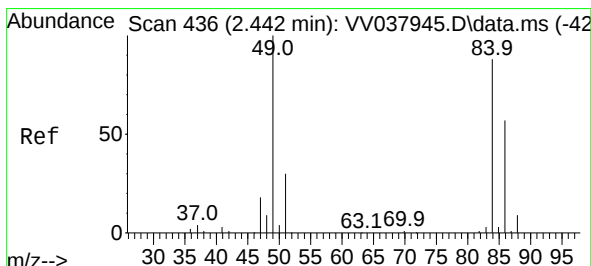
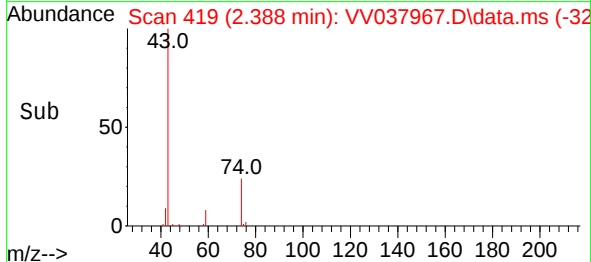
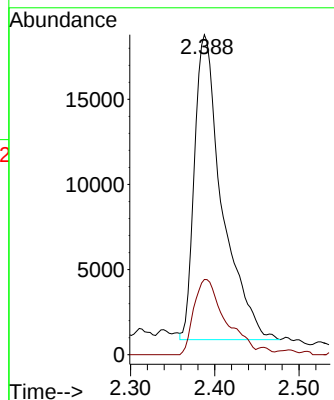


#15
Methyl Acetate
Concen: 5.685 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.006 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Instrument :
MSVOA_V
ClientSampleId :

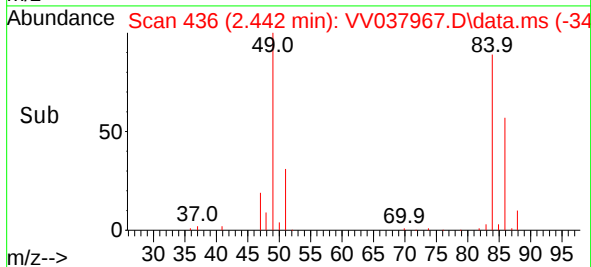
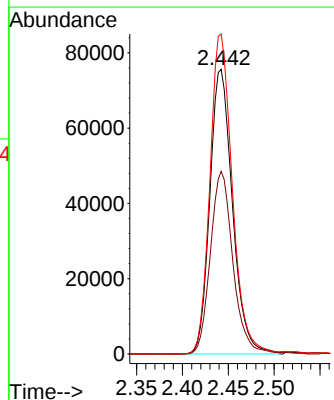
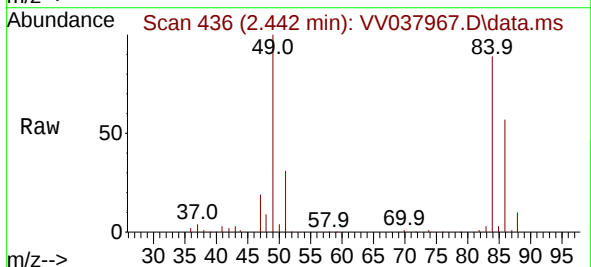


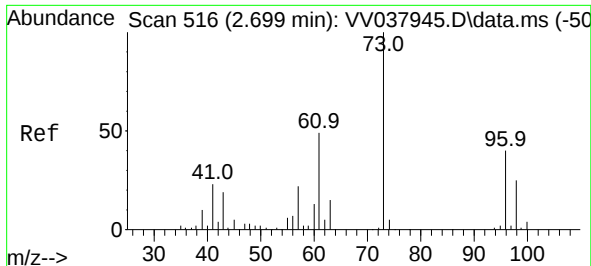
Tgt Ion: 43 Resp: 40870
Ion Ratio Lower Upper
43 100
74 28.1 21.8 32.8



#16
Methylene chloride
Concen: 5.424 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 84 Resp: 129711
Ion Ratio Lower Upper
84 100
86 64.1 45.0 83.6
49 112.4 79.2 147.2

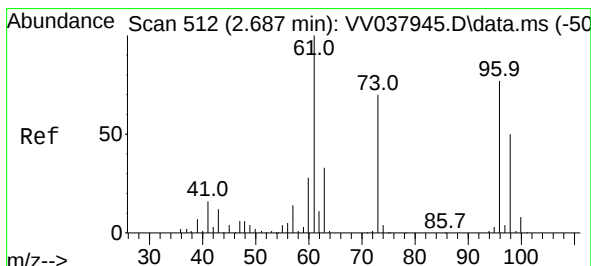
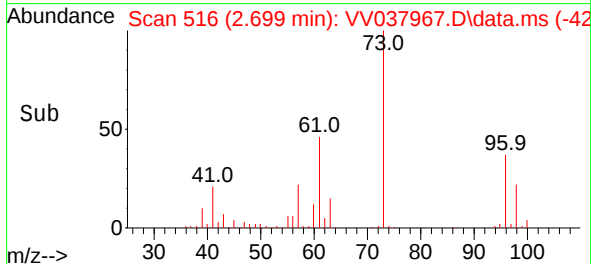
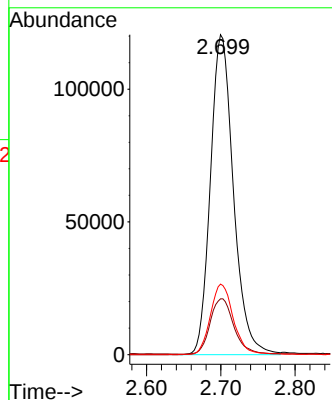
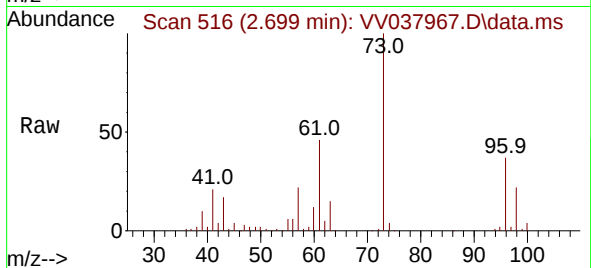




#17
Methyl tert-butyl Ether
Concen: 5.669 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

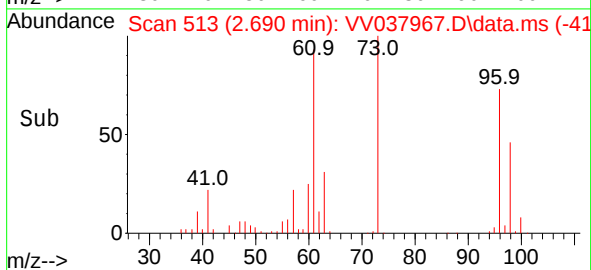
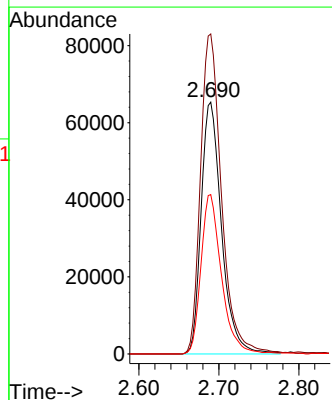
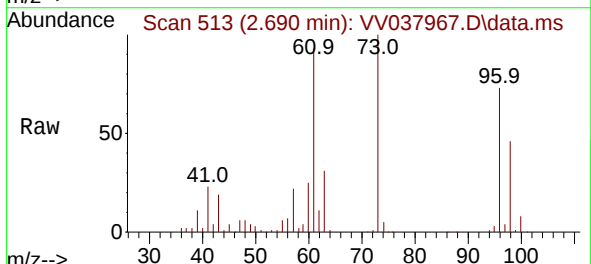
Instrument :
MSVOA_V
ClientSampleId :

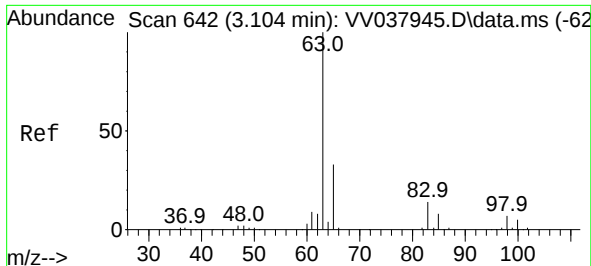
Tgt Ion: 73 Resp: 259683
Ion Ratio Lower Upper
73 100
43 17.9 14.4 21.6
57 22.1 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.251 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

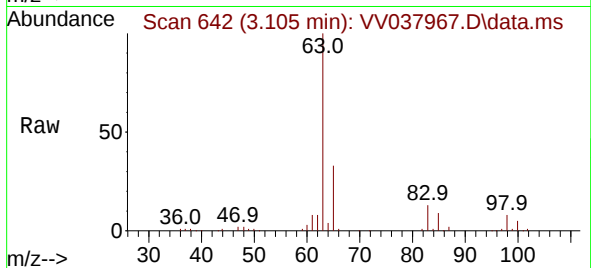
Tgt Ion: 96 Resp: 116199
Ion Ratio Lower Upper
96 100
61 127.1 93.2 173.0
98 63.3 44.4 82.4



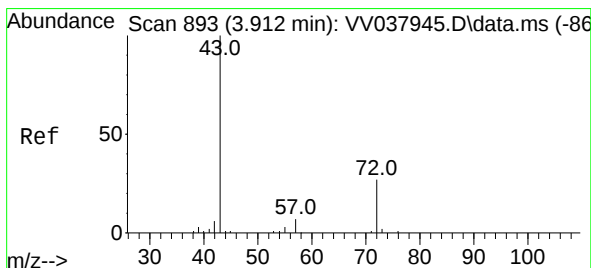
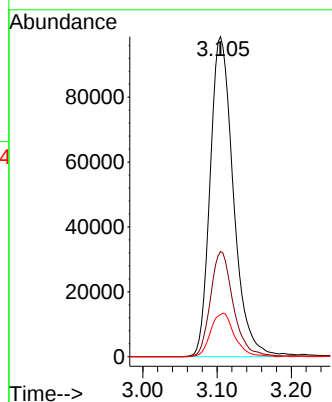
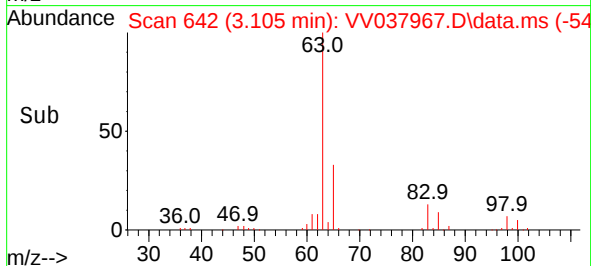


#19
1,1-Dichloroethane
Concen: 5.325 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Instrument :
MSVOA_V
ClientSampleId :

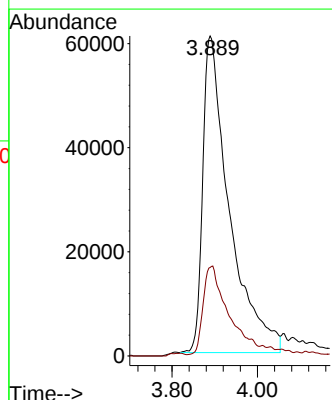
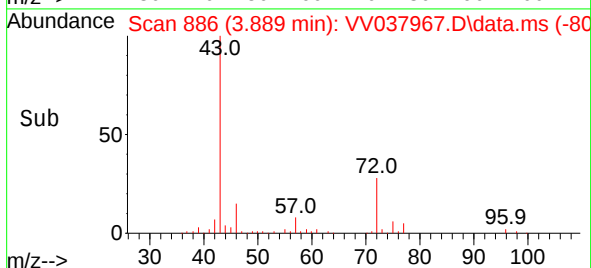
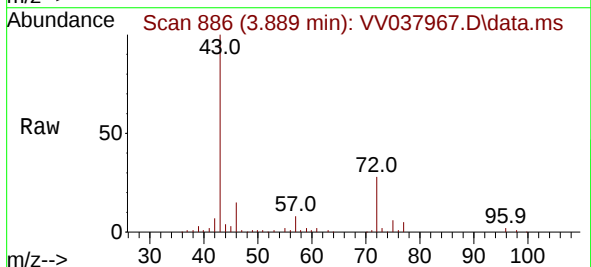


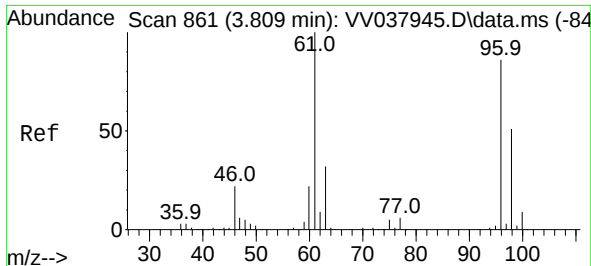
Tgt Ion: 63 Resp: 214039
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.3
83 13.2 9.5 17.7



#21
2-Butanone
Concen: 58.185 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.022 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

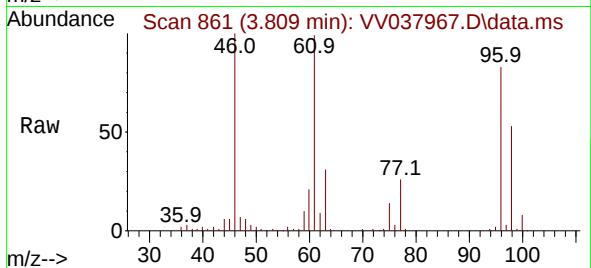
Tgt Ion: 43 Resp: 262623
Ion Ratio Lower Upper
43 100
72 26.6 13.0 39.0



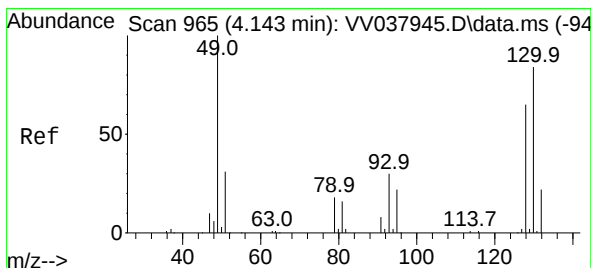
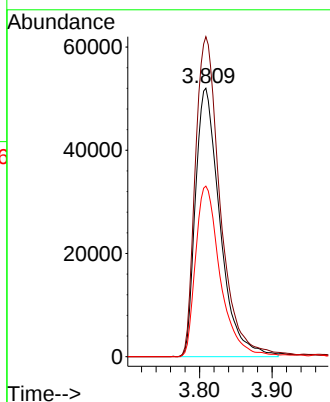
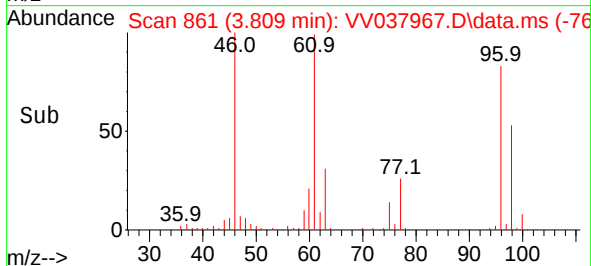


#22
cis-1,2-Dichloroethene
Concen: 5.255 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Instrument :
MSVOA_V
ClientSampleId :

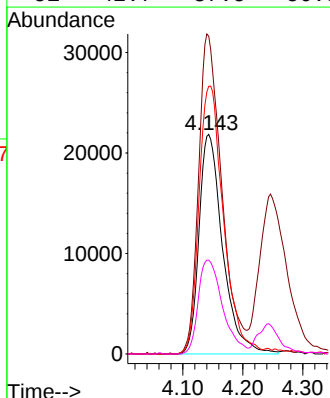
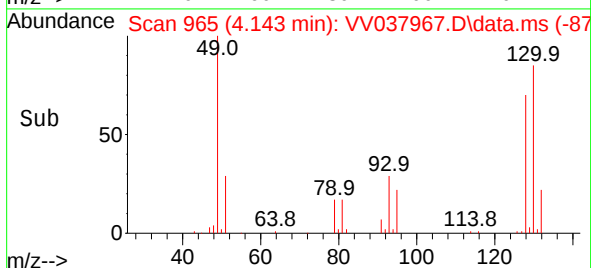
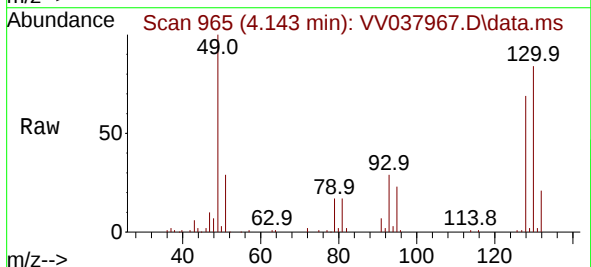


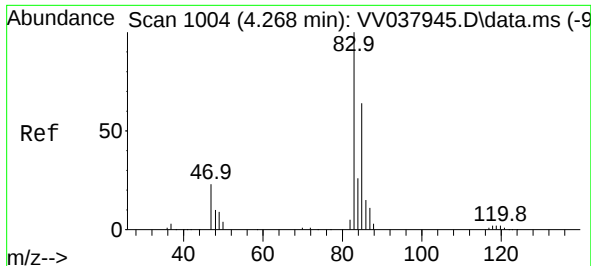
Tgt Ion: 96 Resp: 122529
Ion Ratio Lower Upper
96 100
61 119.2 83.4 154.8
98 63.6 44.6 82.8



#23
Bromochloromethane
Concen: 5.698 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion:128 Resp: 59984
Ion Ratio Lower Upper
128 100
49 144.7 103.0 191.4
130 122.0 85.9 159.5
51 42.7 37.5 56.3





#25

Chloroform

Concen: 5.348 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

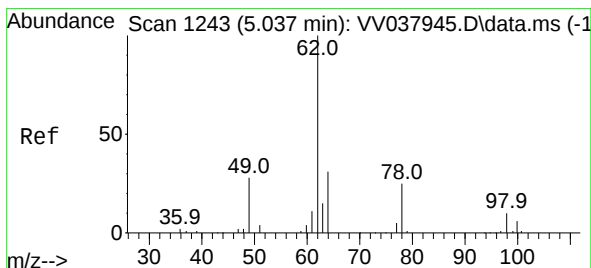
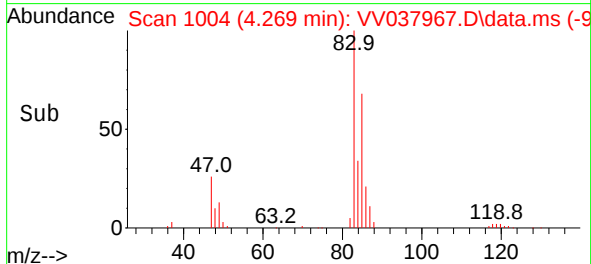
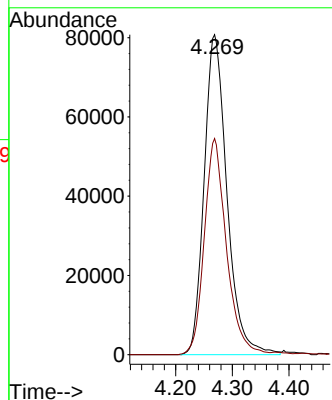
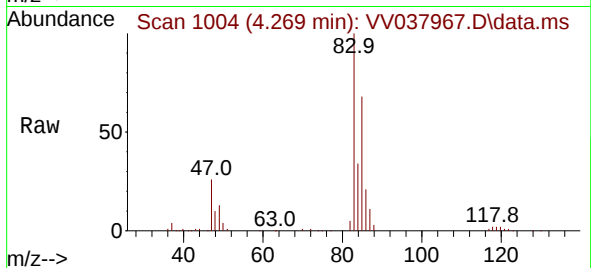
ClientSampleId :

Tgt Ion: 83 Resp: 225849

Ion Ratio Lower Upper

83 100

85 67.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.739 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037967.D

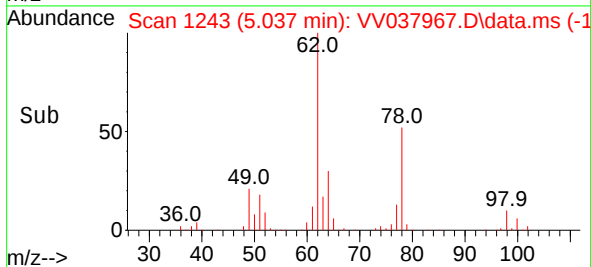
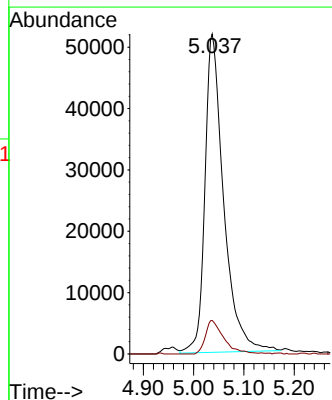
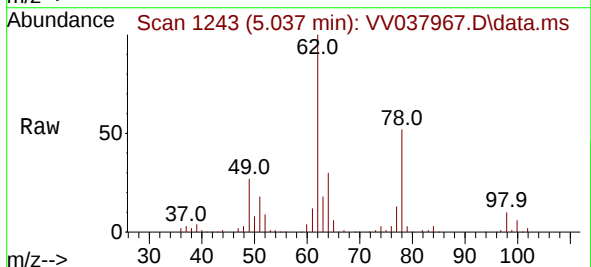
Acq: 07 Nov 2024 20:23

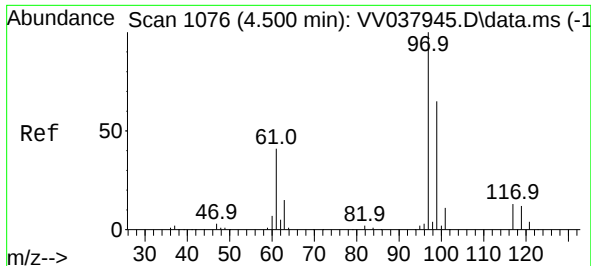
Tgt Ion: 62 Resp: 134277

Ion Ratio Lower Upper

62 100

98 10.5 8.1 12.1

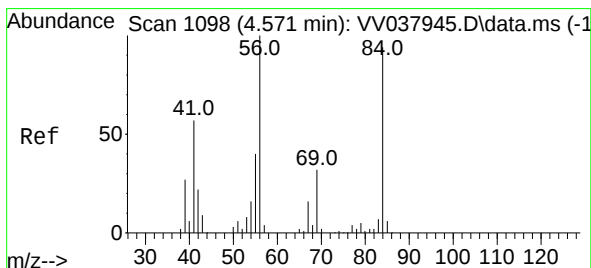
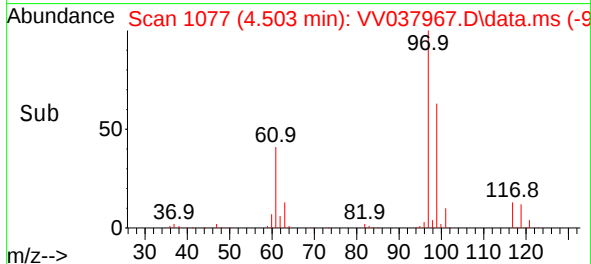
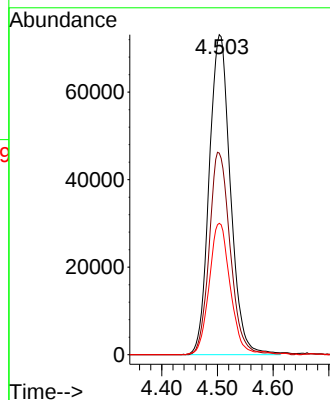
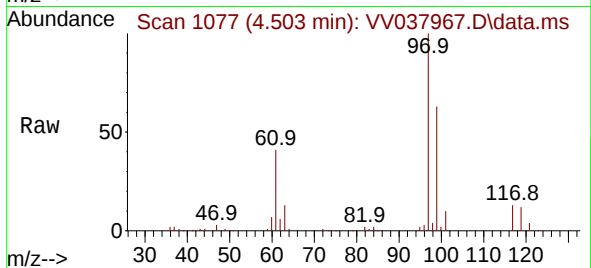




#29
1,1,1-Trichloroethane
Concen: 5.239 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

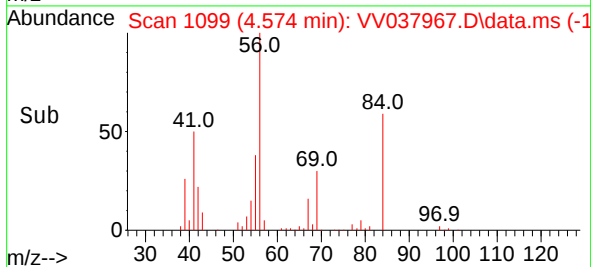
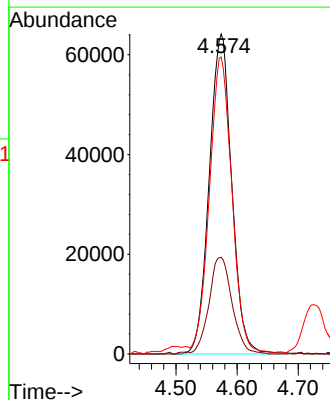
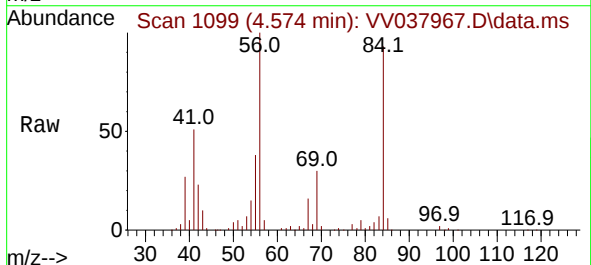
Instrument :
MSVOA_V
ClientSampleId :

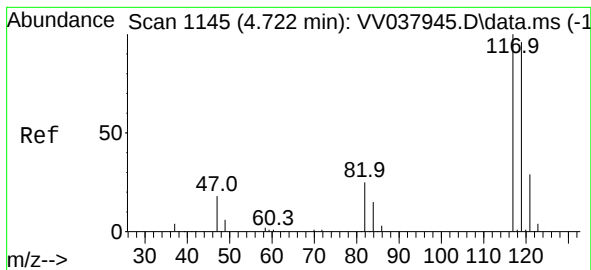
Tgt Ion: 97 Resp: 193660
Ion Ratio Lower Upper
97 100
99 62.5 52.1 78.1
61 40.4 33.3 49.9



#30
Cyclohexane
Concen: 4.997 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 56 Resp: 163877
Ion Ratio Lower Upper
56 100
69 31.0 25.5 38.3
84 91.6 75.2 112.8





#31

Carbon tetrachloride

Concen: 4.984 ug/L

RT: 4.728 min Scan# 1145

Delta R.T. 0.007 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

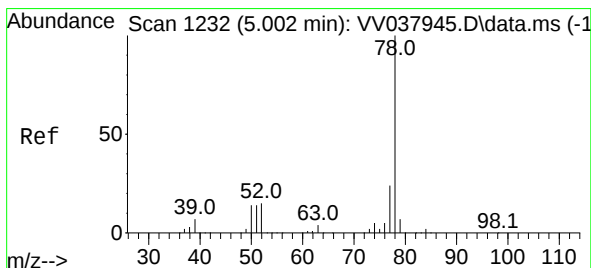
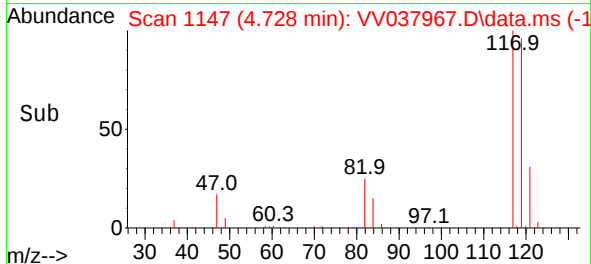
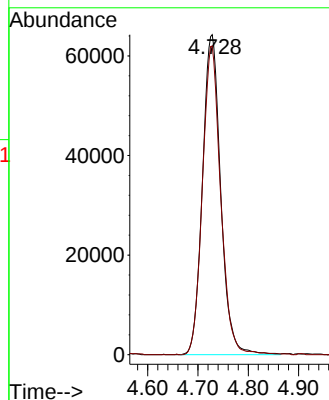
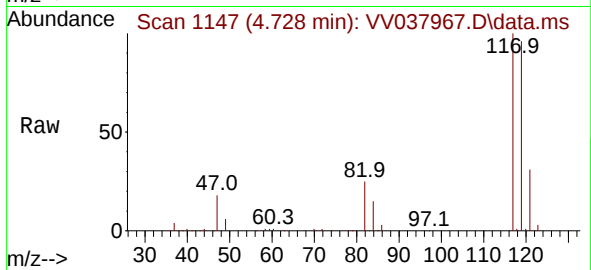
ClientSampleId :

Tgt Ion:117 Resp: 161677

Ion Ratio Lower Upper

117 100

119 96.3 77.2 115.8



#33

Benzene

Concen: 5.495 ug/L

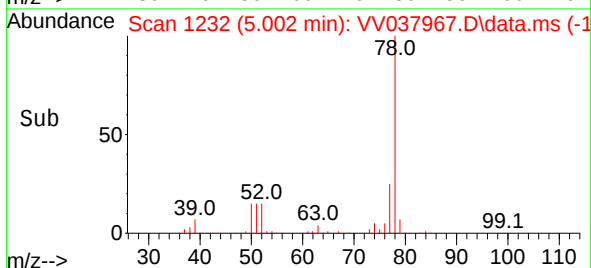
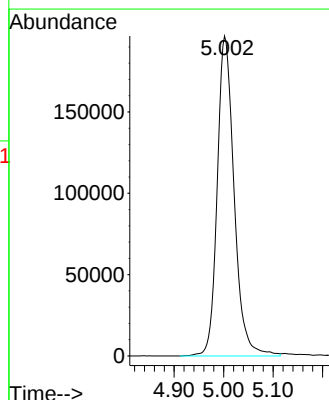
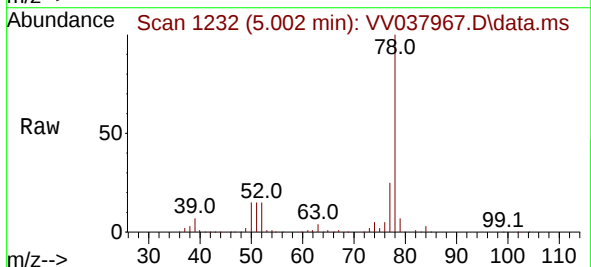
RT: 5.002 min Scan# 1232

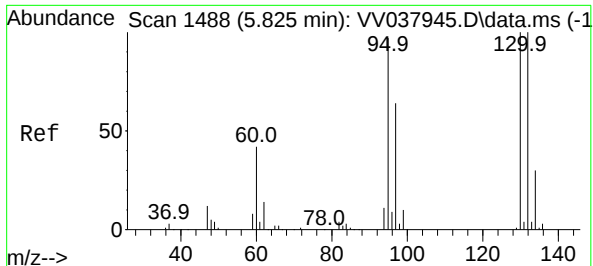
Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Tgt Ion: 78 Resp: 466867





#34

Trichloroethene

Concen: 5.083 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 119596

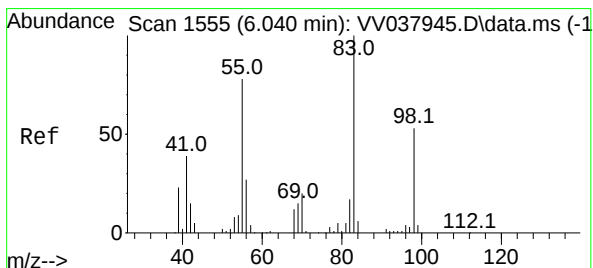
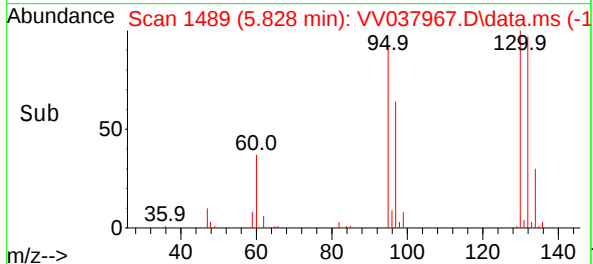
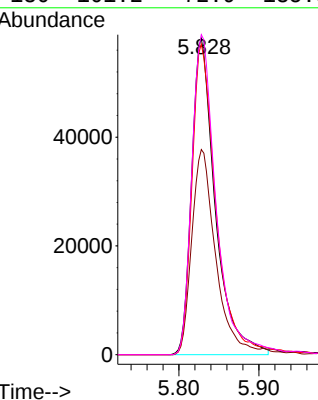
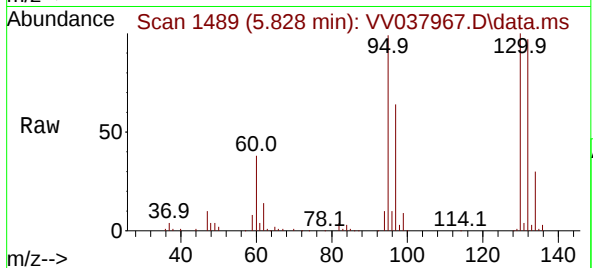
Ion Ratio Lower Upper

95 100

97 64.9 46.9 87.1

132 98.2 70.5 130.9

130 101.2 72.9 135.3



#35

Methylcyclohexane

Concen: 4.911 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

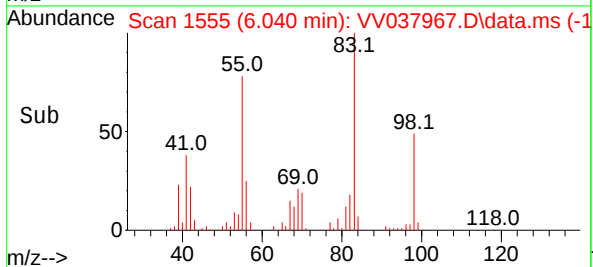
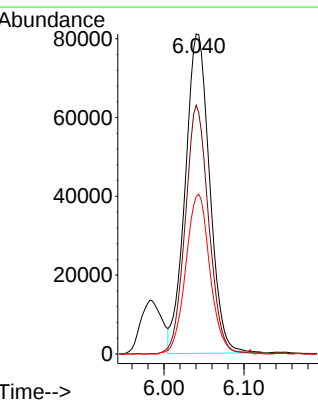
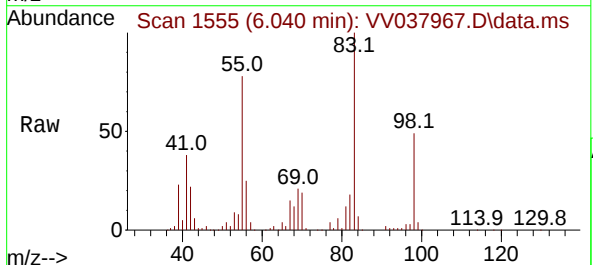
Tgt Ion: 83 Resp: 172217

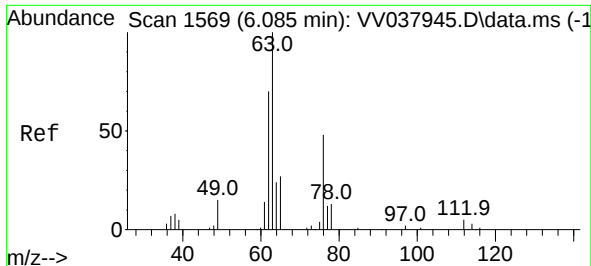
Ion Ratio Lower Upper

83 100

55 74.7 59.3 88.9

98 49.5 38.3 57.5

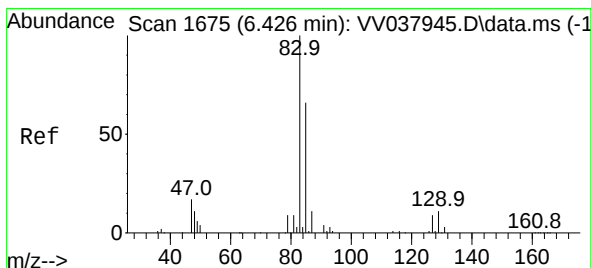
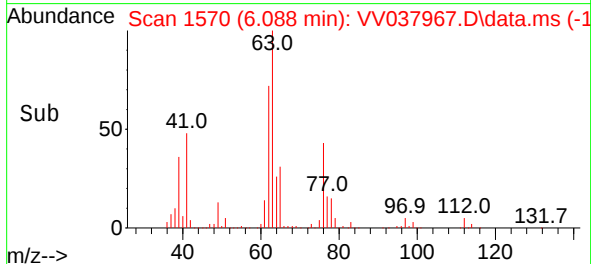
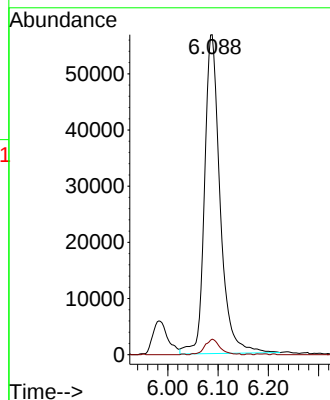
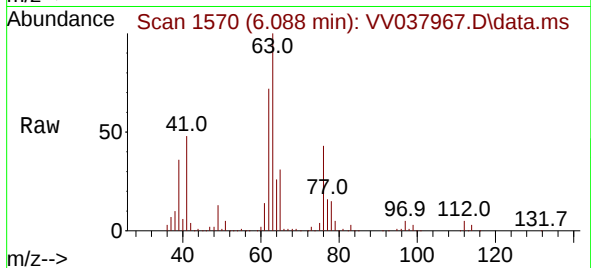




#37
1,2-Dichloropropane
Concen: 5.749 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

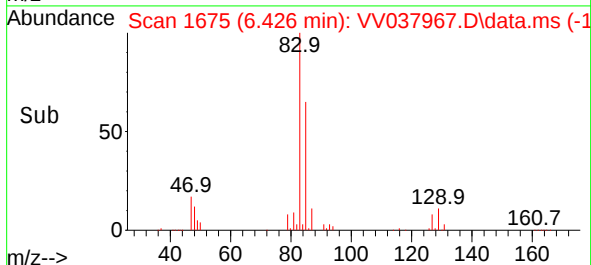
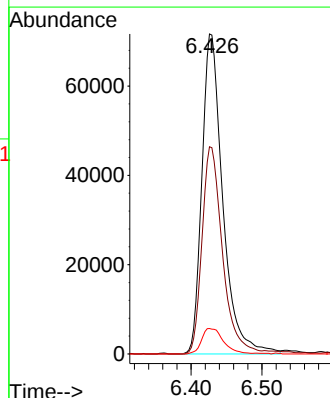
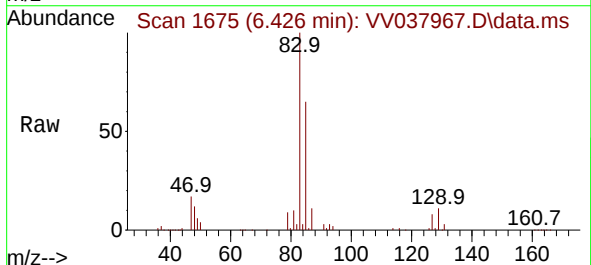
Instrument :
MSVOA_V
ClientSampleId :

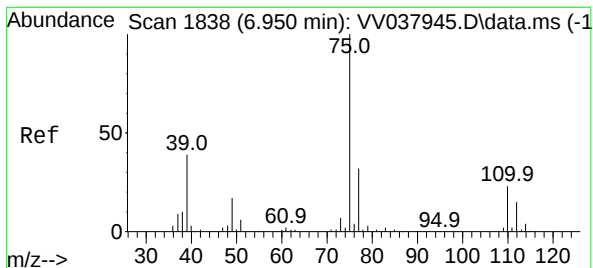
Tgt Ion: 63 Resp: 122100
Ion Ratio Lower Upper
63 100
112 4.7 4.1 6.1



#38
Bromodichloromethane
Concen: 5.213 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 83 Resp: 146883
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2
127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

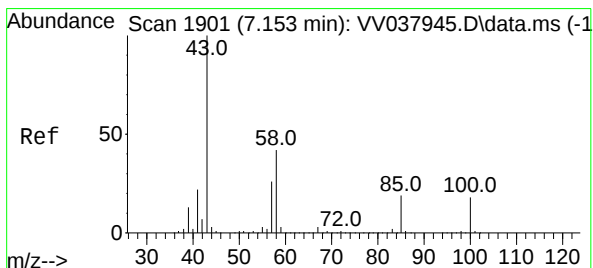
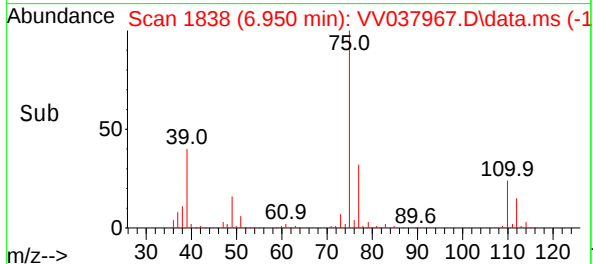
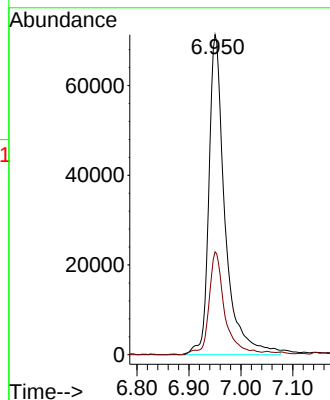
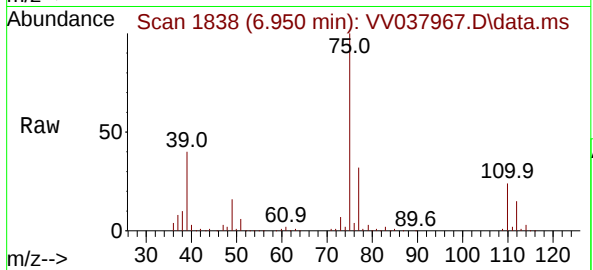
ClientSampleId :

Tgt Ion: 75 Resp: 153986

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 64.312 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

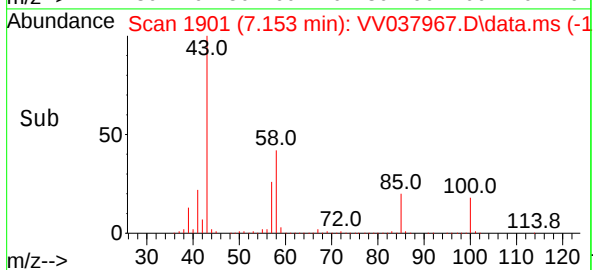
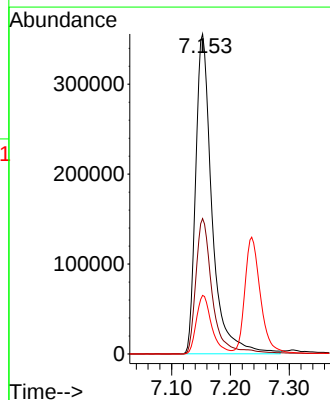
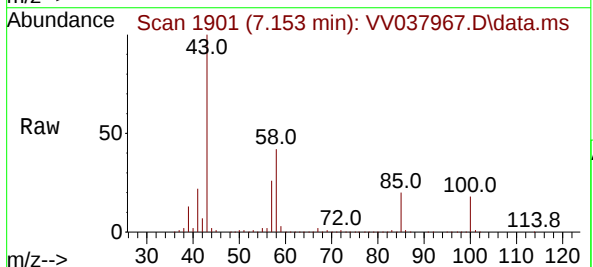
Tgt Ion: 43 Resp: 687317

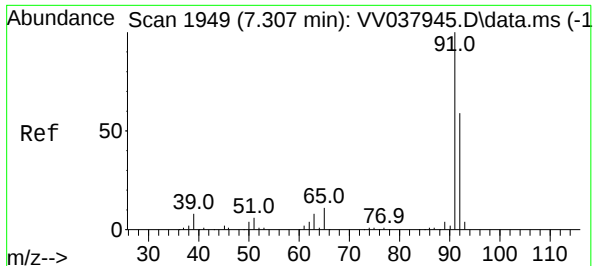
Ion Ratio Lower Upper

43 100

58 43.2 32.6 49.0

100 17.2 13.8 20.8





#42

Toluene

Concen: 5.543 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

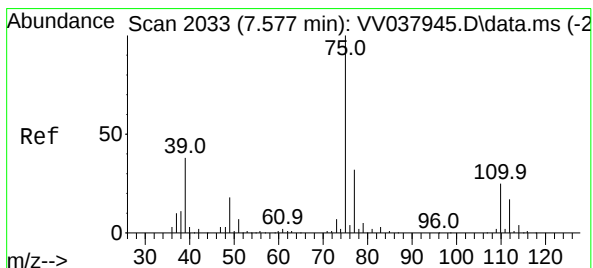
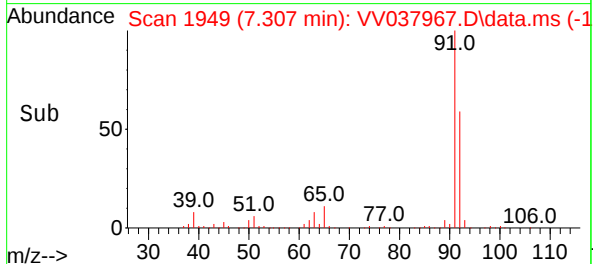
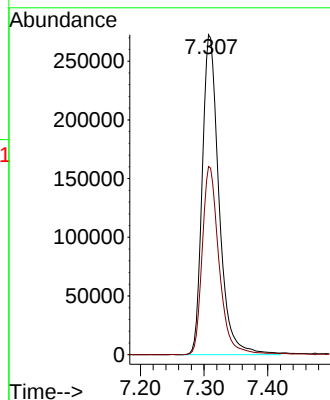
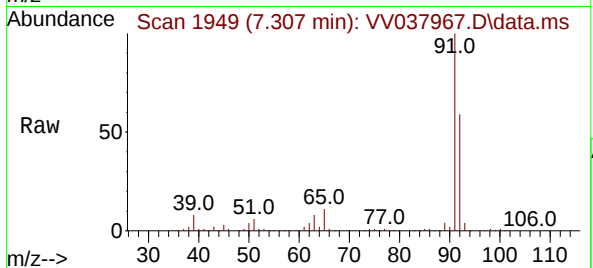
ClientSampleId :

Tgt Ion: 91 Resp: 498384

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.099 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037967.D

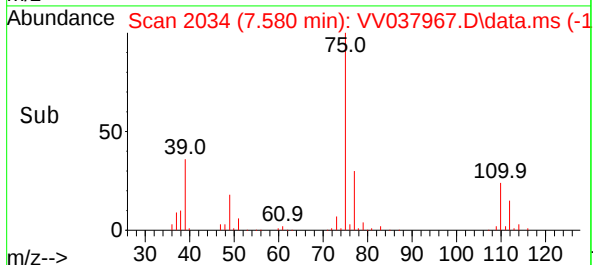
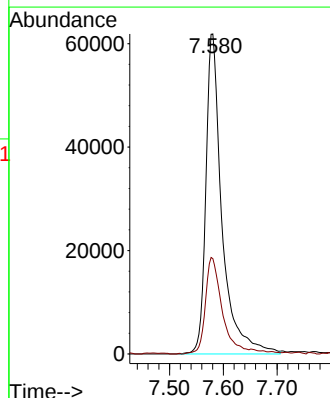
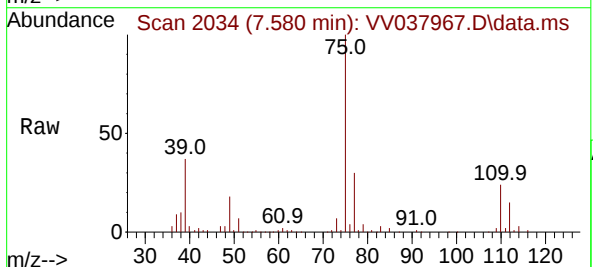
Acq: 07 Nov 2024 20:23

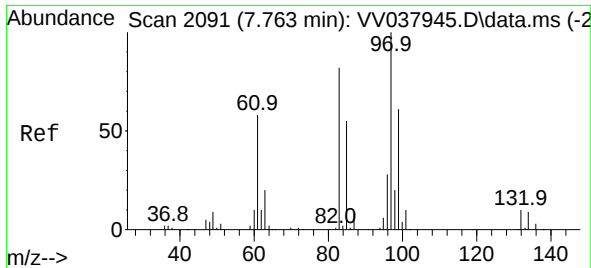
Tgt Ion: 75 Resp: 129007

Ion Ratio Lower Upper

75 100

77 29.8 21.8 40.6

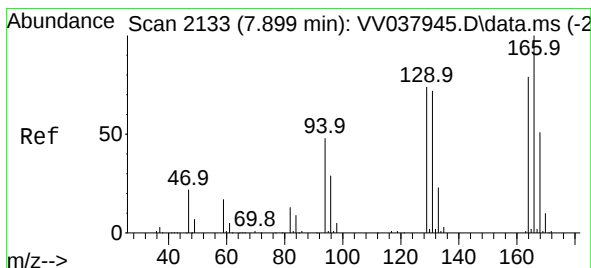
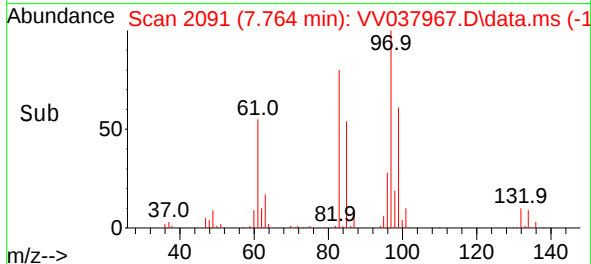
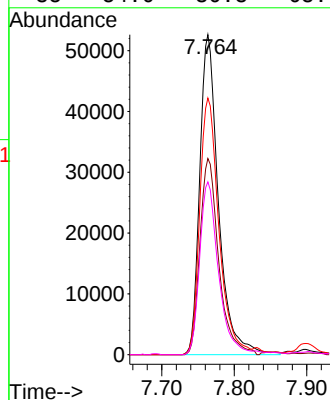
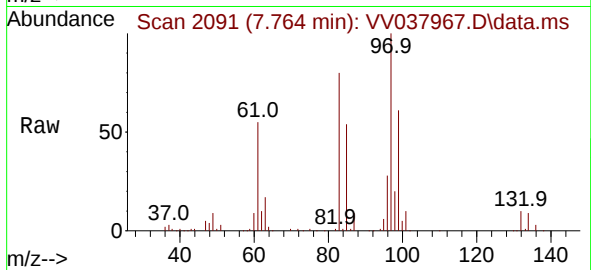




#45
1,1,2-Trichloroethane
Concen: 5.886 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

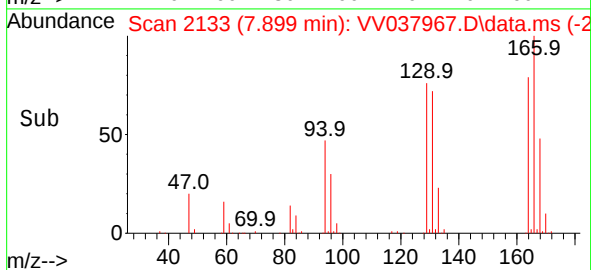
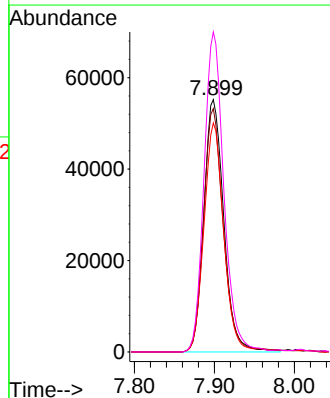
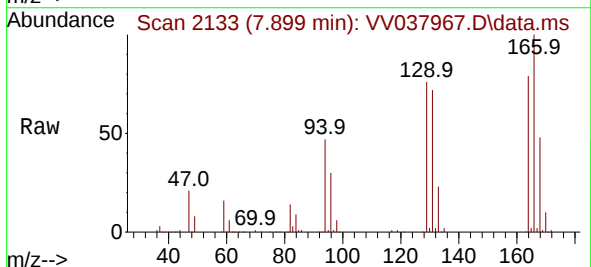
Instrument :
MSVOA_V
ClientSampleId :

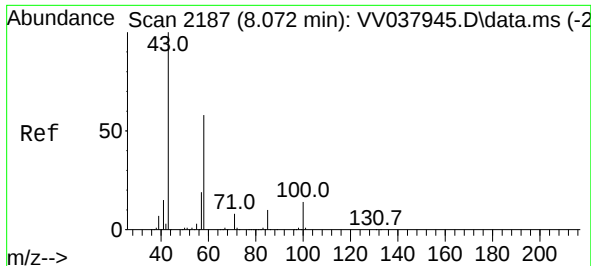
Tgt Ion:	97	Resp:	94617
Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.4	78.8
83	80.2	59.3	110.1
85	54.0	36.8	68.4



#47
Tetrachloroethene
Concen: 5.237 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

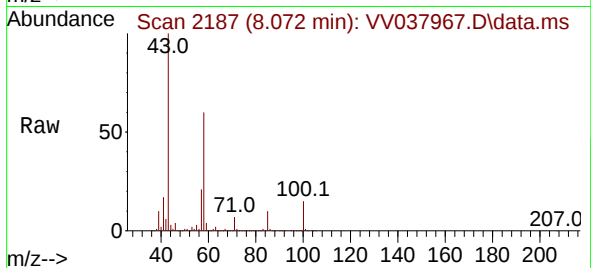
Tgt Ion:	164	Resp:	95785
Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.8	124.2
131	90.7	65.2	121.2
166	126.8	89.2	165.8



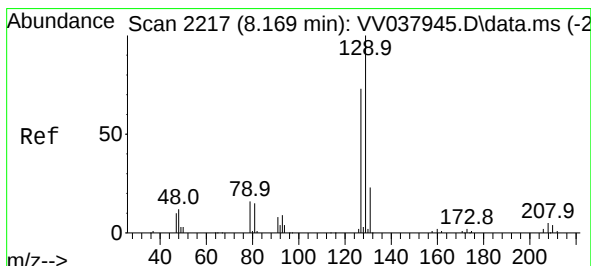
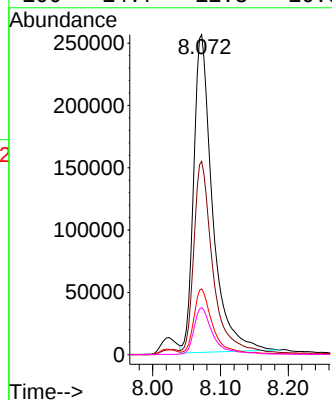
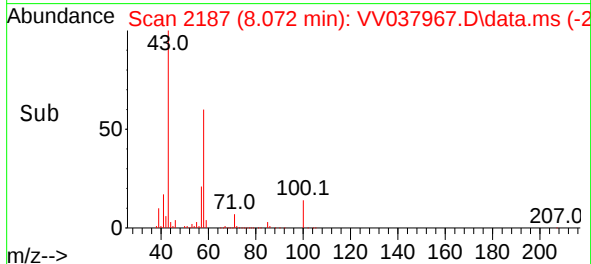


#48
2-Hexanone
Concen: 65.408 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Instrument :
MSVOA_V
ClientSampleId :

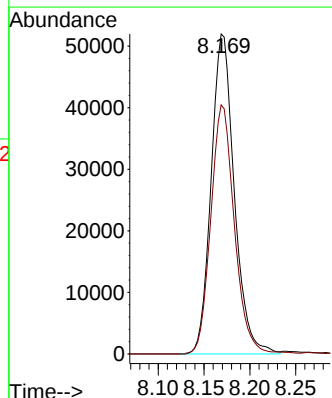
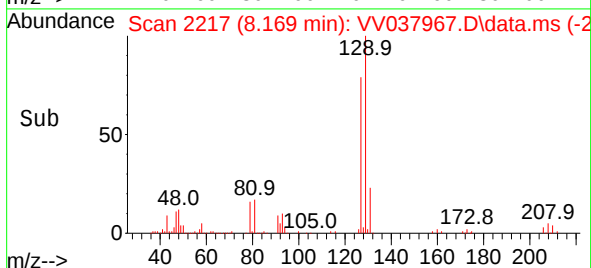
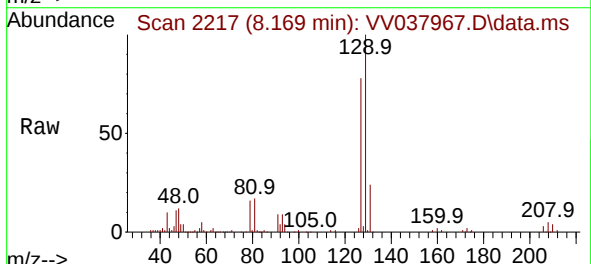


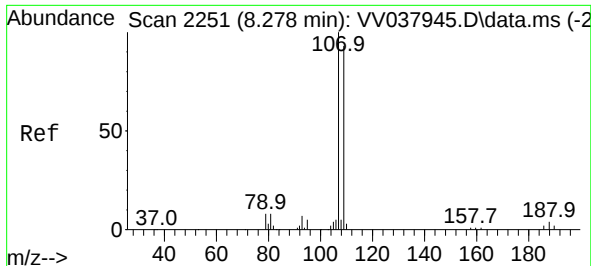
Tgt Ion: 43 Resp: 494469
Ion Ratio Lower Upper
43 100
58 61.5 48.5 72.7
57 19.4 16.3 24.5
100 14.7 11.3 16.9



#49
Dibromochloromethane
Concen: 4.966 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 129 Resp: 91248
Ion Ratio Lower Upper
129 100
127 77.9 52.2 97.0

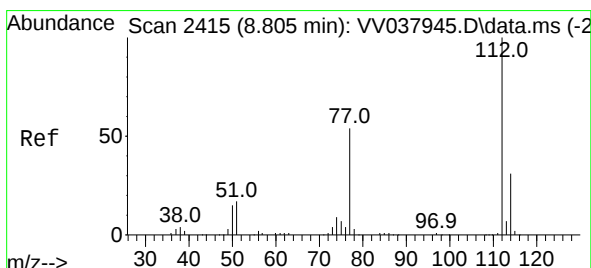
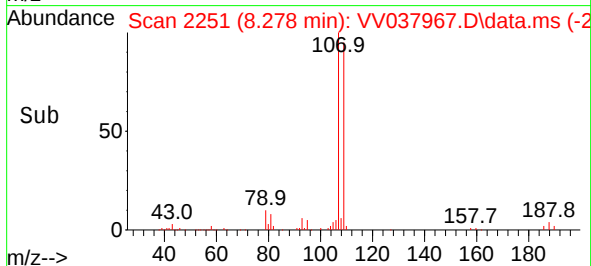
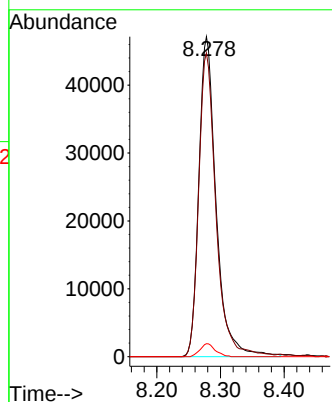
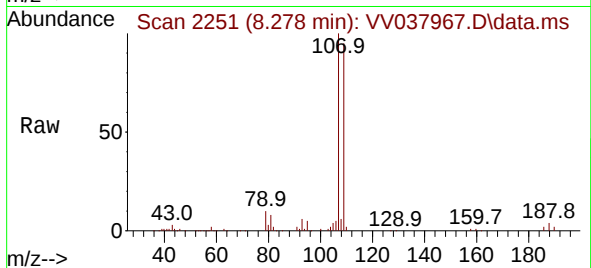




#50
1,2-Dibromoethane
Concen: 5.918 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

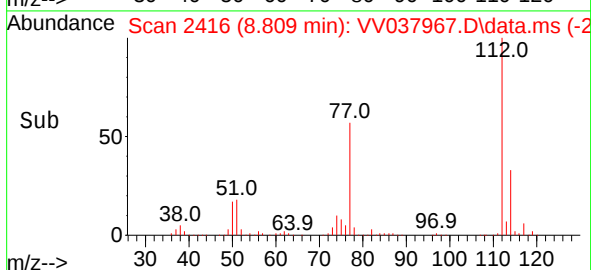
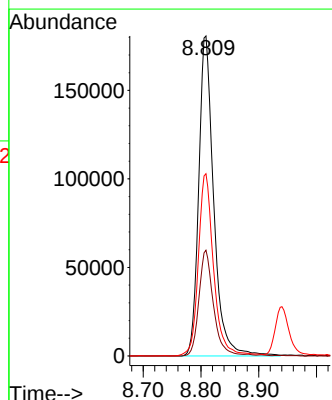
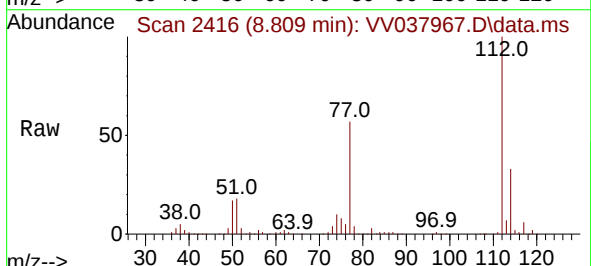
Instrument :
MSVOA_V
ClientSampleId :

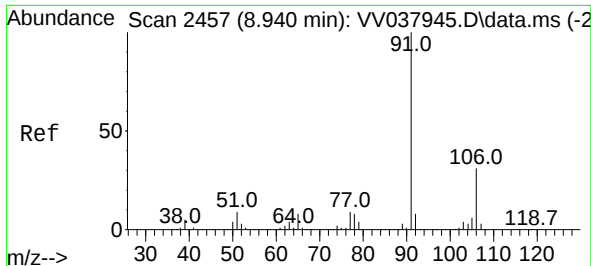
Tgt Ion:107 Resp: 88782
Ion Ratio Lower Upper
107 100
109 94.9 65.8 122.2
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 5.313 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion:112 Resp: 326671
Ion Ratio Lower Upper
112 100
114 33.1 23.0 42.6
77 57.0 45.9 68.9

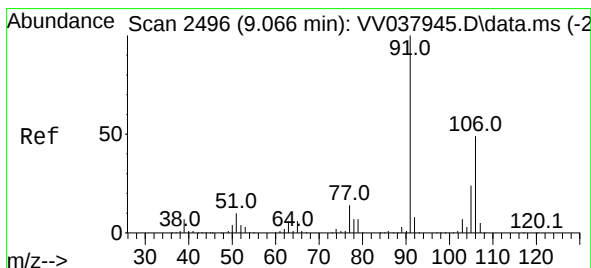
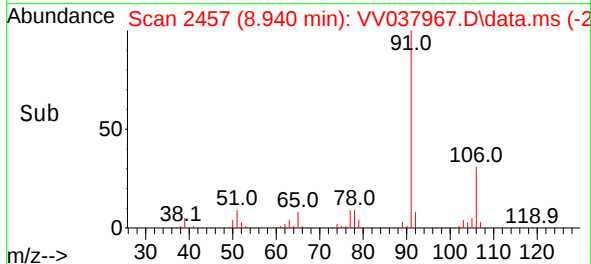
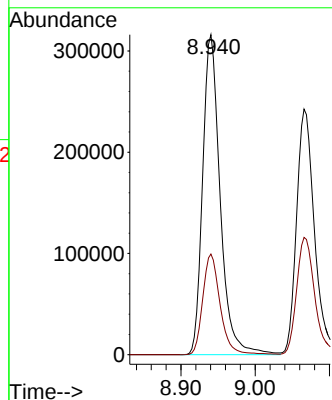
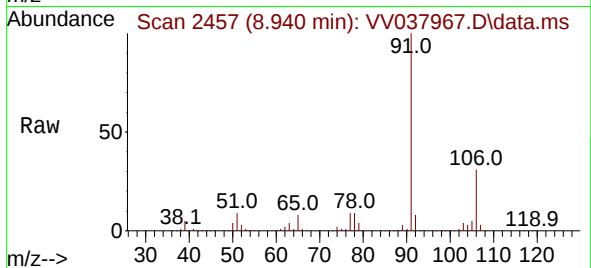




#52
Ethylbenzene
Concen: 5.344 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

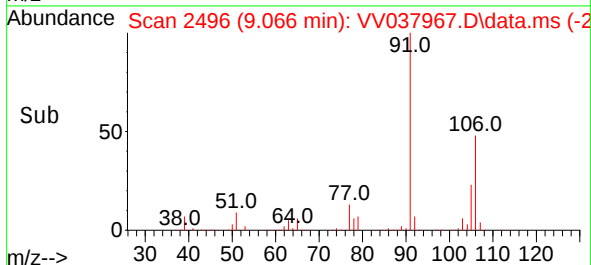
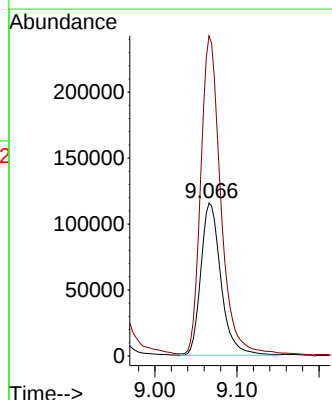
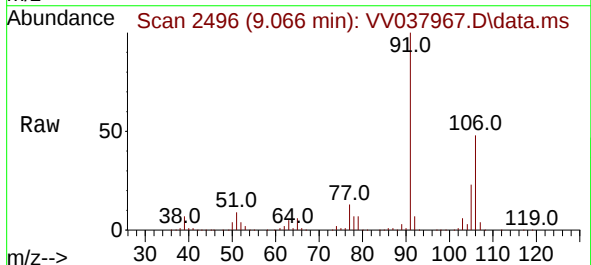
Instrument :
MSVOA_V
ClientSampleId :

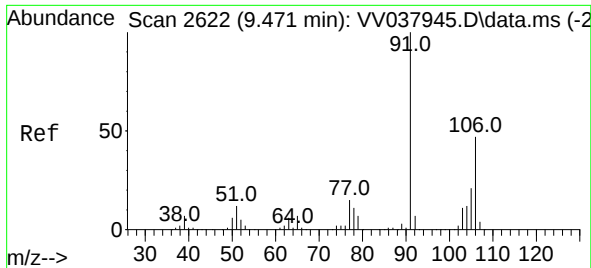
Tgt Ion: 91 Resp: 517467
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4



#53
m,p-Xylene
Concen: 5.322 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 106 Resp: 196619
Ion Ratio Lower Upper
106 100
91 209.3 139.0 258.2

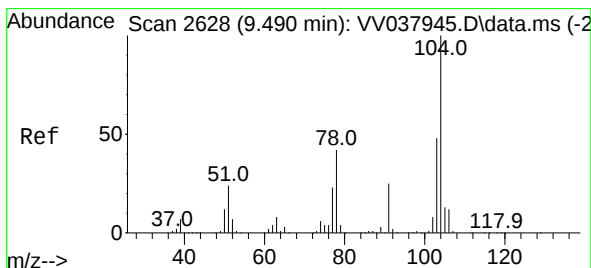
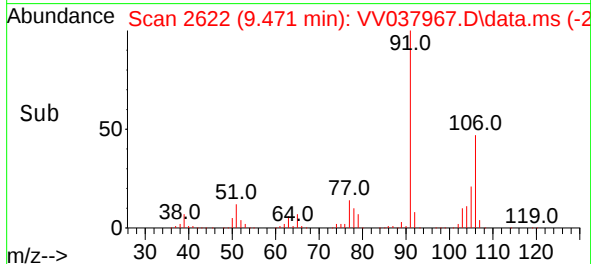
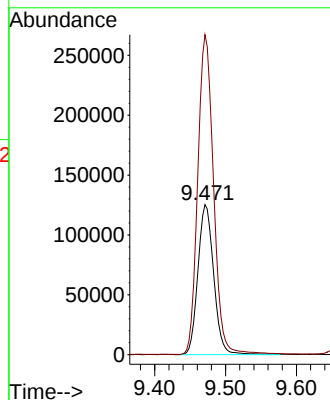
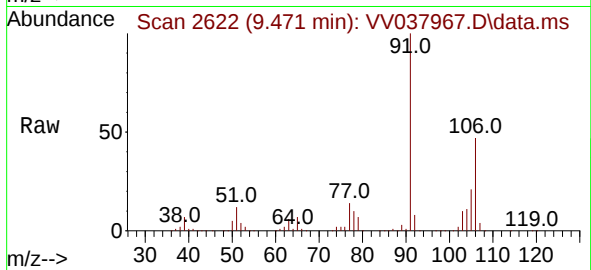




#54
o-Xylene
Concen: 5.525 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

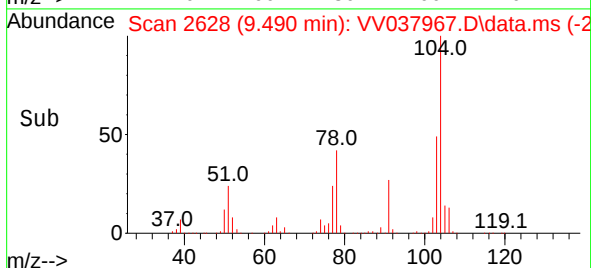
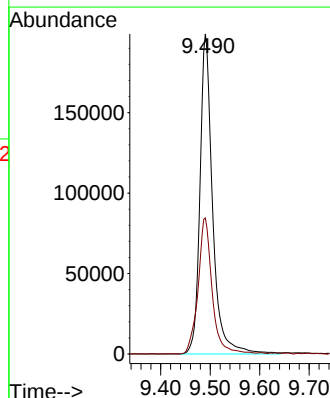
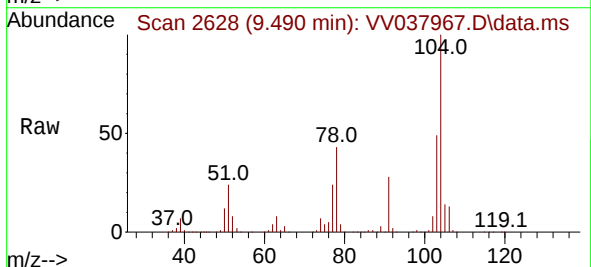
Instrument : MSVOA_V
ClientSampleId :

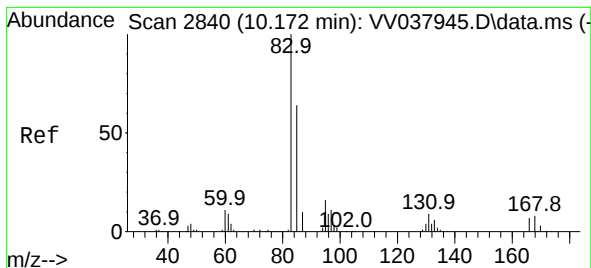
Tgt Ion:106 Resp: 194260
Ion Ratio Lower Upper
106 100
91 213.2 152.0 282.2



#55
Styrene
Concen: 5.863 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

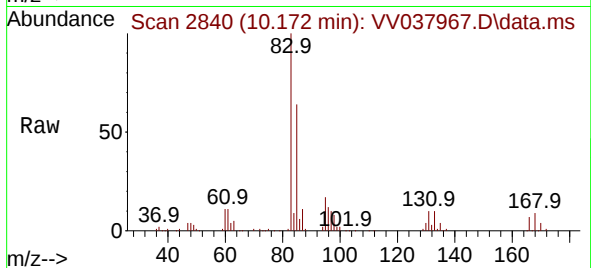
Tgt Ion:104 Resp: 355026
Ion Ratio Lower Upper
104 100
78 42.5 30.9 57.3



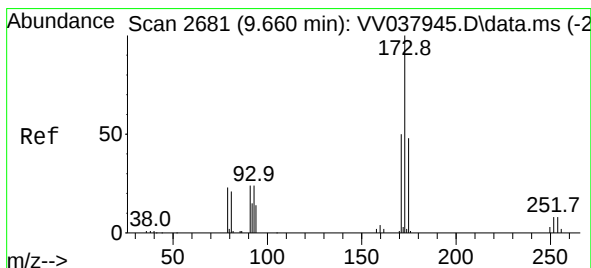
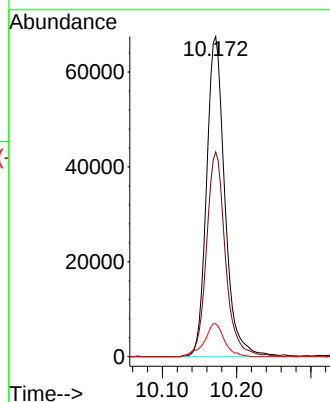
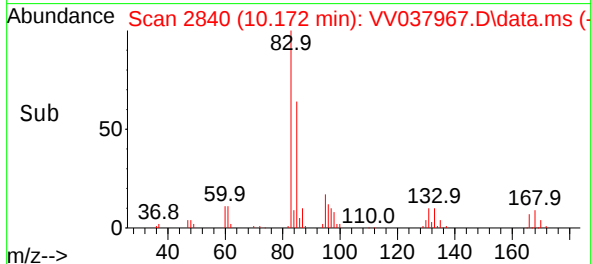


#57
1,1,2,2-Tetrachloroethane
Concen: 6.189 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Instrument :
MSVOA_V
ClientSampleId :

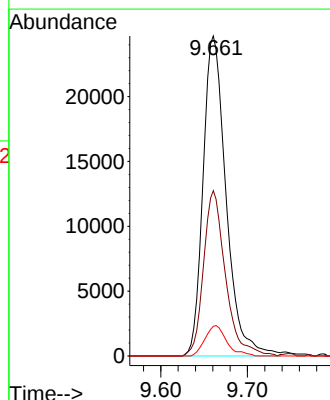
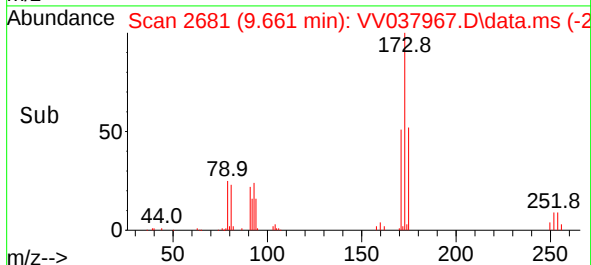
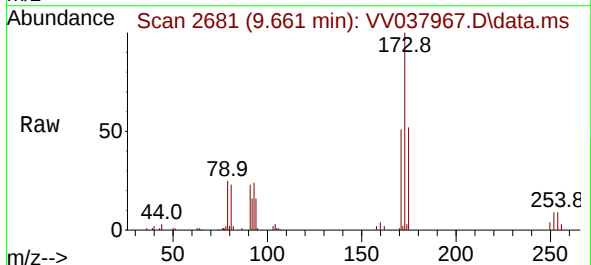


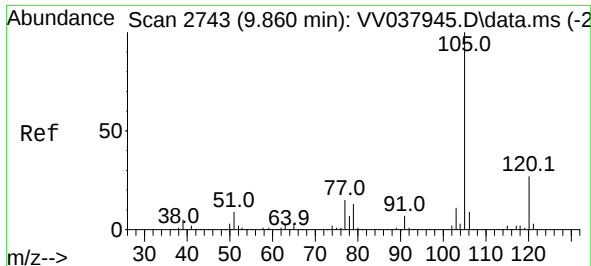
Tgt Ion: 83 Resp: 115496
Ion Ratio Lower Upper
83 100
85 64.0 44.2 82.2
131 10.3 7.9 11.9



#59
Bromoform
Concen: 4.601 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 173 Resp: 45598
Ion Ratio Lower Upper
173 100
175 49.2 38.0 57.0
254 8.9 6.9 10.3

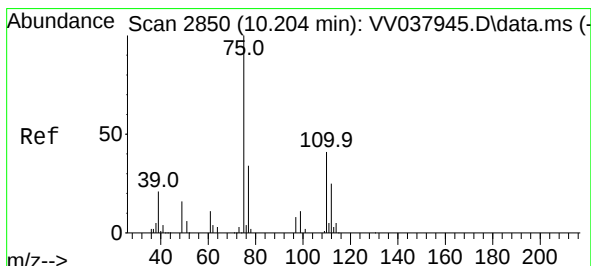
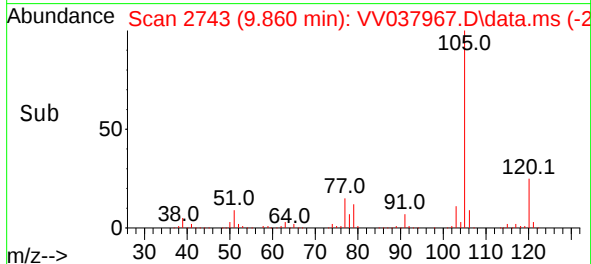
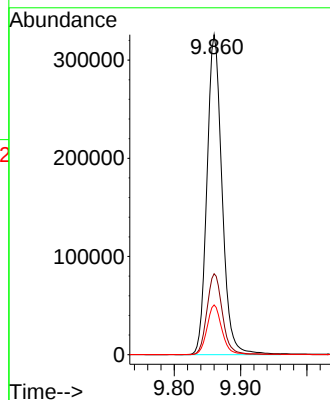
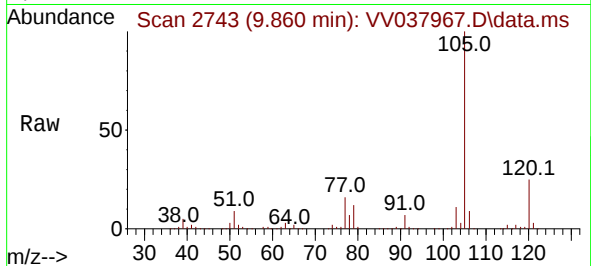




#60
Isopropylbenzene
Concen: 5.198 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

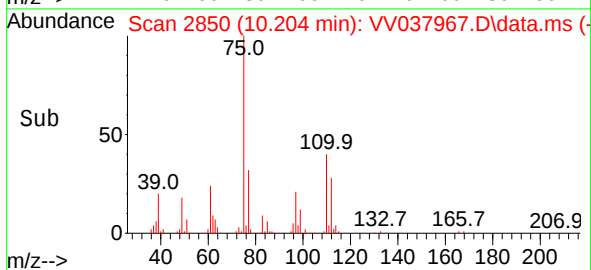
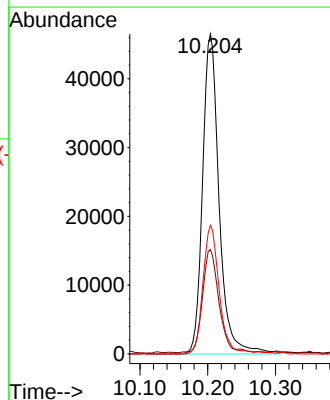
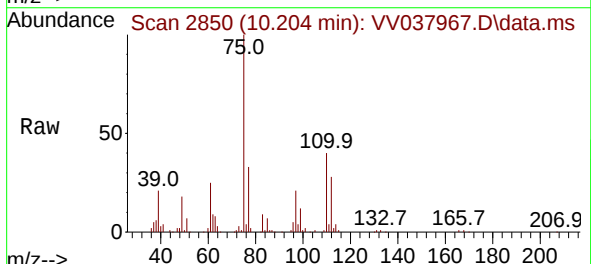
Instrument :
MSVOA_V
ClientSampleId :

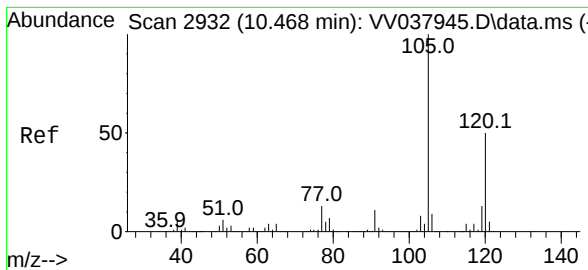
Tgt Ion:105 Resp: 515096
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.926 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037967.D
Acq: 07 Nov 2024 20:23

Tgt Ion: 75 Resp: 78803
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3
110 39.3 33.5 50.3

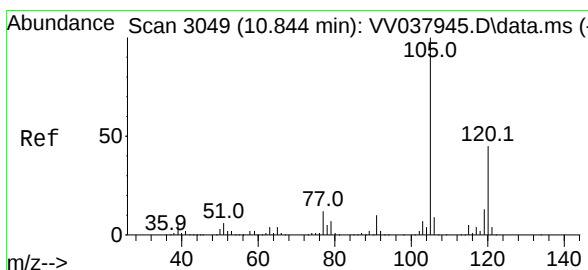
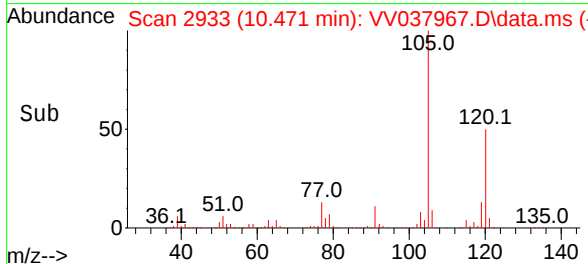
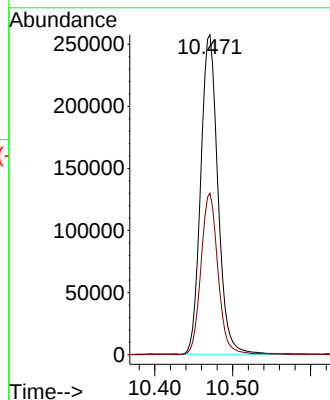
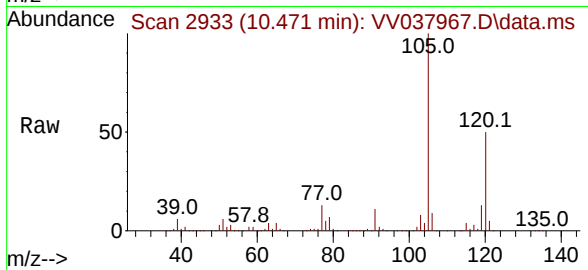




#62
 1,3,5-Trimethylbenzene
 Concen: 5.058 ug/L
 RT: 10.471 min Scan# 2933
 Delta R.T. 0.003 min
 Lab File: VV037967.D
 Acq: 07 Nov 2024 20:23

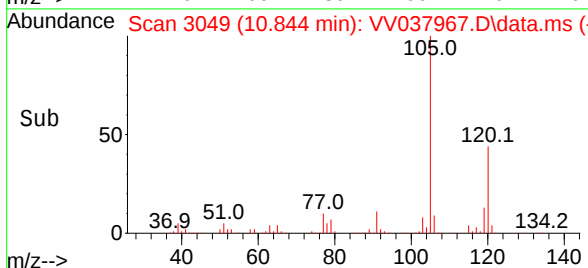
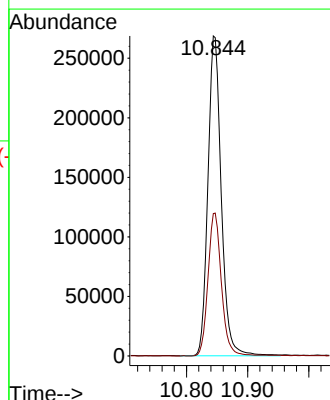
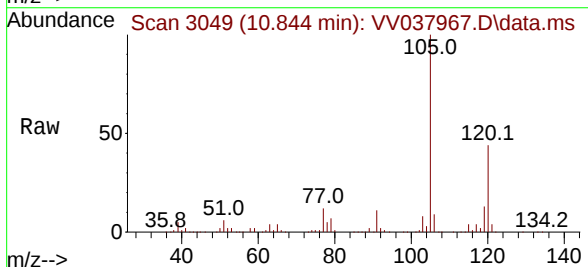
Instrument :
 MSVOA_V
 ClientSampleId :

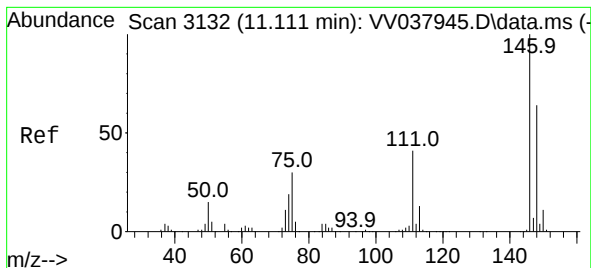
Tgt Ion:105 Resp: 394081
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.305 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV037967.D
 Acq: 07 Nov 2024 20:23

Tgt Ion:105 Resp: 407828
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.295 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

ClientSampleId :

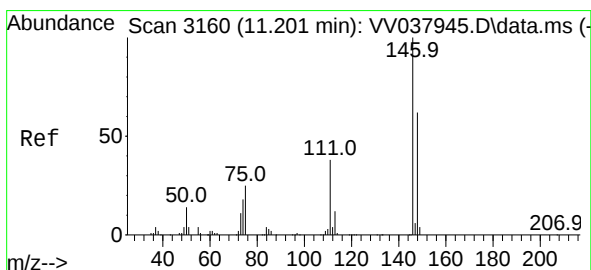
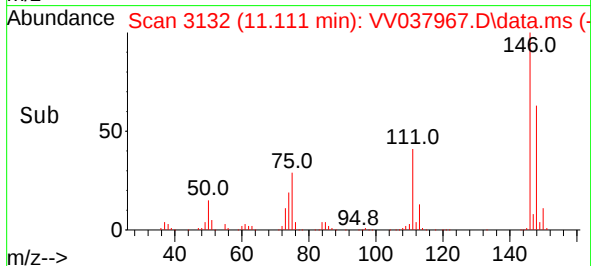
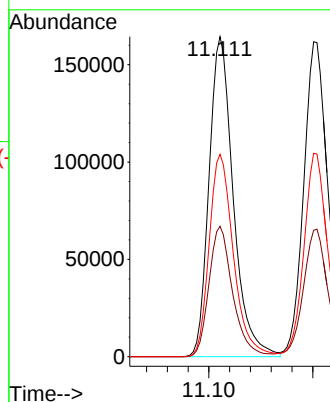
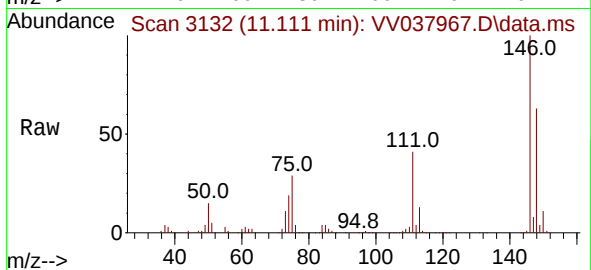
Tgt Ion:146 Resp: 265678

Ion Ratio Lower Upper

146 100

111 40.8 28.7 53.3

148 63.2 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.201 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

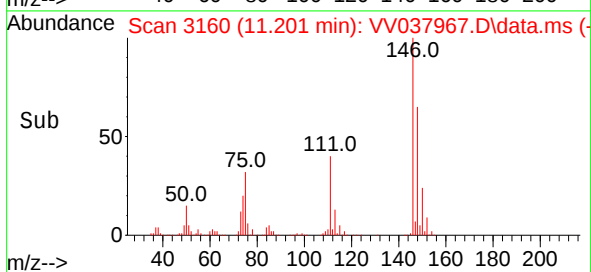
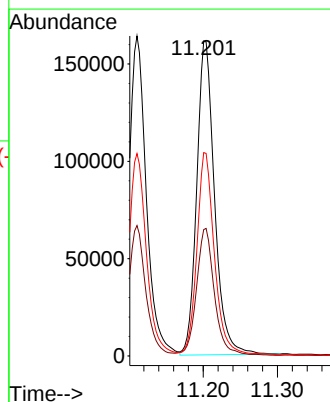
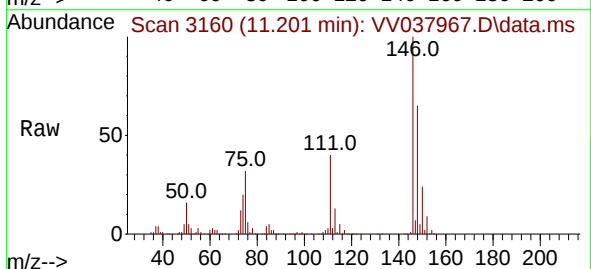
Tgt Ion:146 Resp: 269482

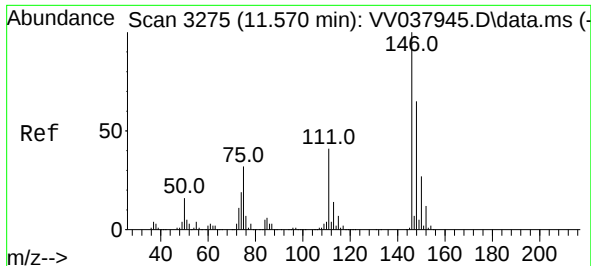
Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.2

148 64.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.288 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

ClientSampleId :

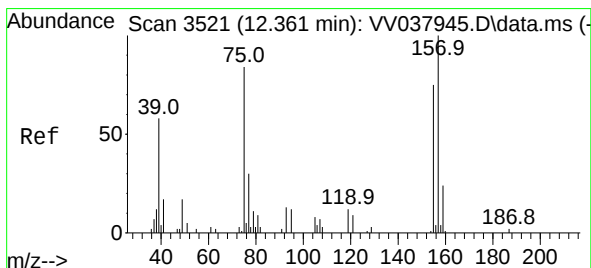
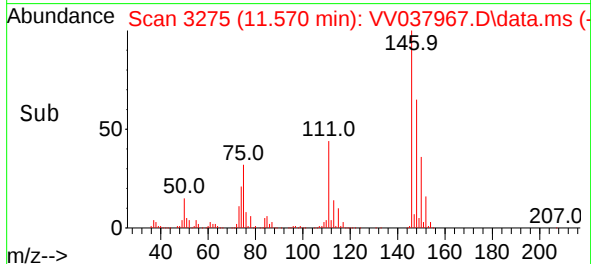
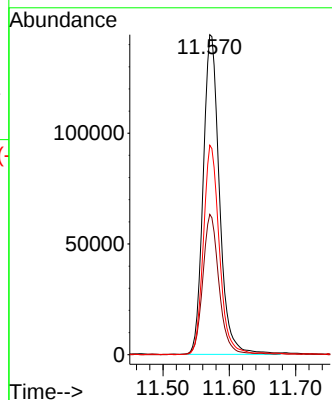
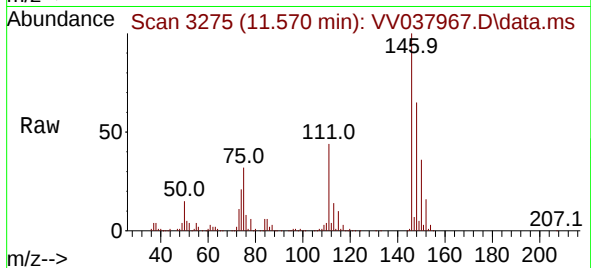
Tgt Ion:146 Resp: 245357

Ion Ratio Lower Upper

146 100

111 43.9 33.9 50.9

148 65.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.128 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

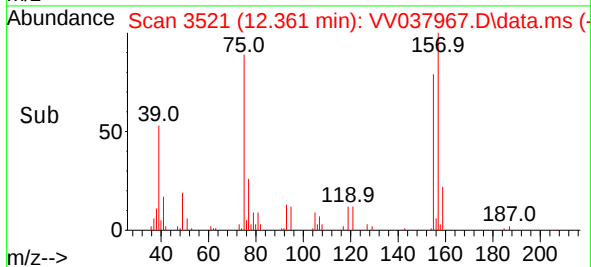
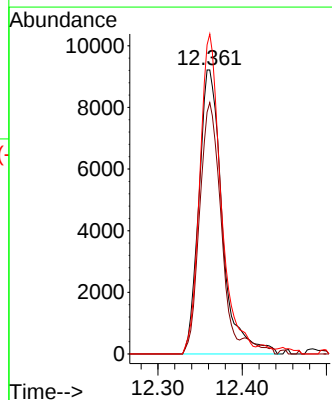
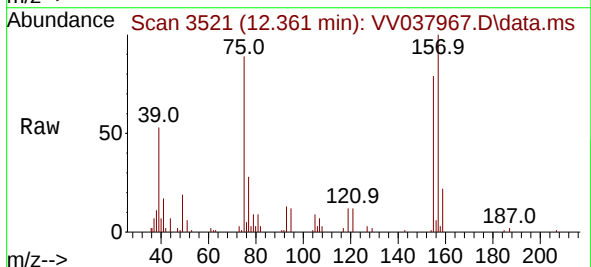
Tgt Ion: 75 Resp: 17693

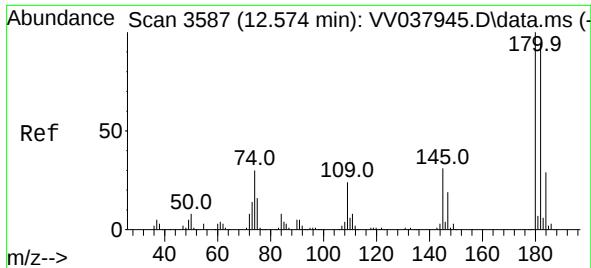
Ion Ratio Lower Upper

75 100

155 88.5 70.2 105.2

157 112.6 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 5.085 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

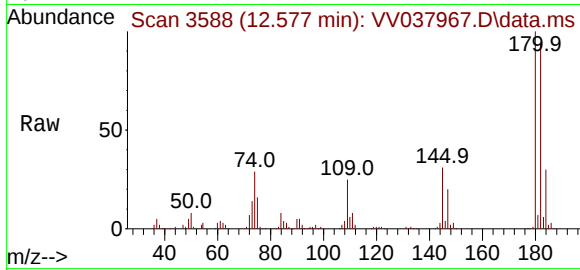
Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 180069

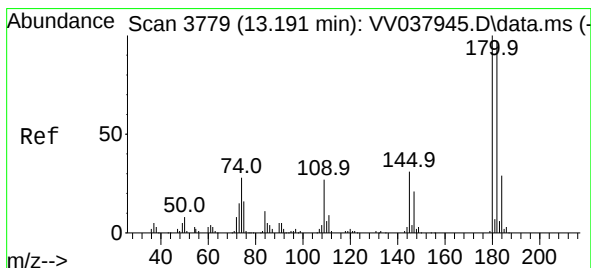
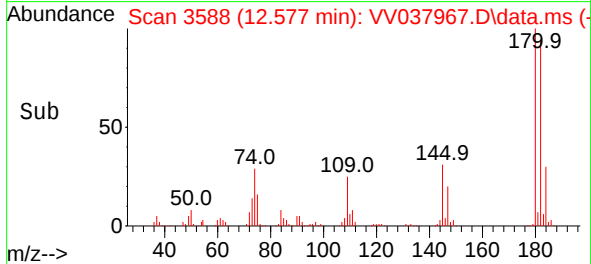
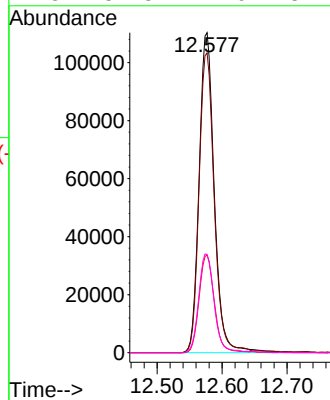
Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.4

184 30.4 24.1 36.1

145 31.3 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.565 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

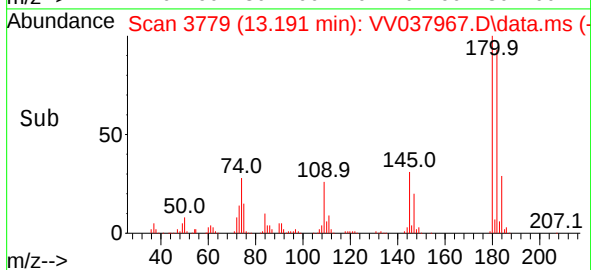
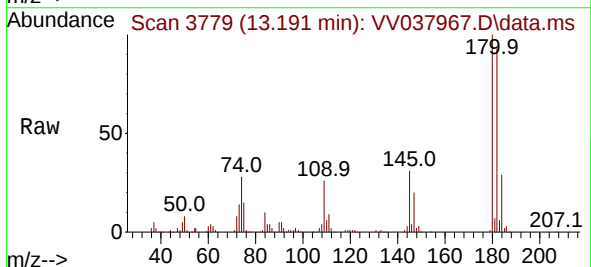
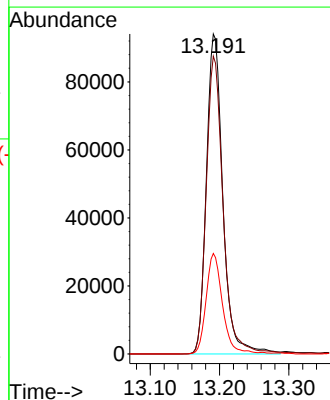
Tgt Ion:180 Resp: 154740

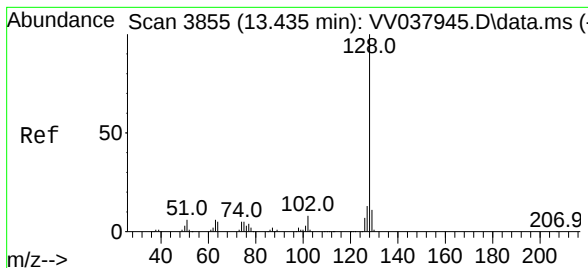
Ion Ratio Lower Upper

180 100

182 95.4 74.8 112.2

145 31.2 25.4 38.0





#71

Naphthalene

Concen: 5.967 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Instrument :

MSVOA_V

ClientSampleId :

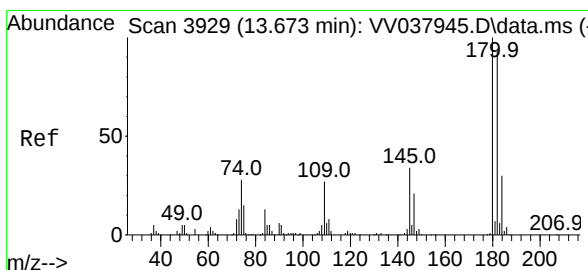
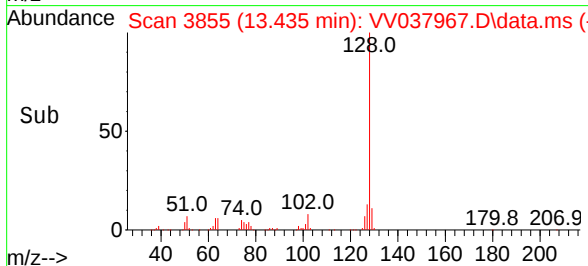
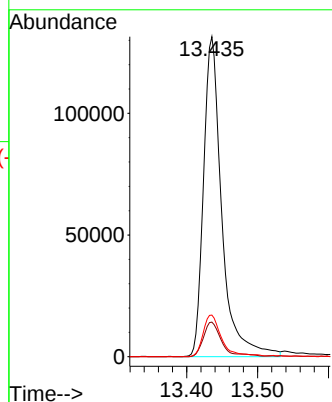
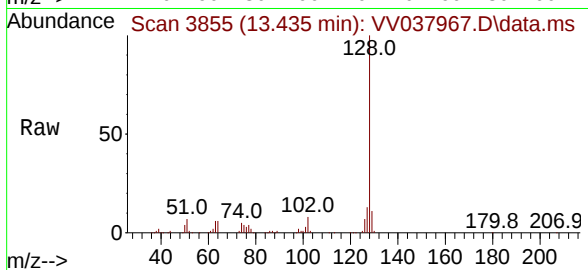
Tgt Ion:128 Resp: 235477

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.0 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.954 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037967.D

Acq: 07 Nov 2024 20:23

Tgt Ion:180 Resp: 142733

Ion Ratio Lower Upper

180 100

182 95.9 79.4 119.0

145 34.1 26.6 40.0

