

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
 Data File : VV038322.D
 Acq On : 24 Nov 2024 11:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	262547	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	271837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	144289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74082	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.529	69	67570	4.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.053	65	34005	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.786	46	174523	43.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	4.240	84	174897	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.937	65	77528	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	4.953	84	307739	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.982	67	92812	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.236	98	282824	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.551	79	37184	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.021	63	132452	42.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.780%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	81322	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	110024	4.475	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	105619	4.252	ug/L	98
3) Chloromethane	1.214	50	95062	4.444	ug/L	99
5) Vinyl chloride	1.282	62	103094	4.254	ug/L	98
6) Bromomethane	1.484	94	62080	6.569	ug/L	99
8) Chloroethane	1.545	64	67921	4.398	ug/L	97
9) Trichlorofluoromethane	1.709	101	145006	4.204	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	87428	4.441	ug/L	99
12) 1,1-Dichloroethene	2.063	96	78892	4.207	ug/L	93
13) Acetone	2.118	43	121759	40.895	ug/L	99
14) Carbon disulfide	2.237	76	241568	3.999	ug/L	99
15) Methyl Acetate	2.378	43	28647	3.962	ug/L	91
16) Methylene chloride	2.442	84	88593	4.143	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	175611	4.142	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	84382	4.271	ug/L	98
19) 1,1-Dichloroethane	3.105	63	156079	4.353	ug/L	99
21) 2-Butanone	3.870	43	154208	36.087	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	88654	4.340	ug/L	97
23) Bromochloromethane	4.140	128	42678	4.279	ug/L	98
25) Chloroform	4.269	83	167445	4.365	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

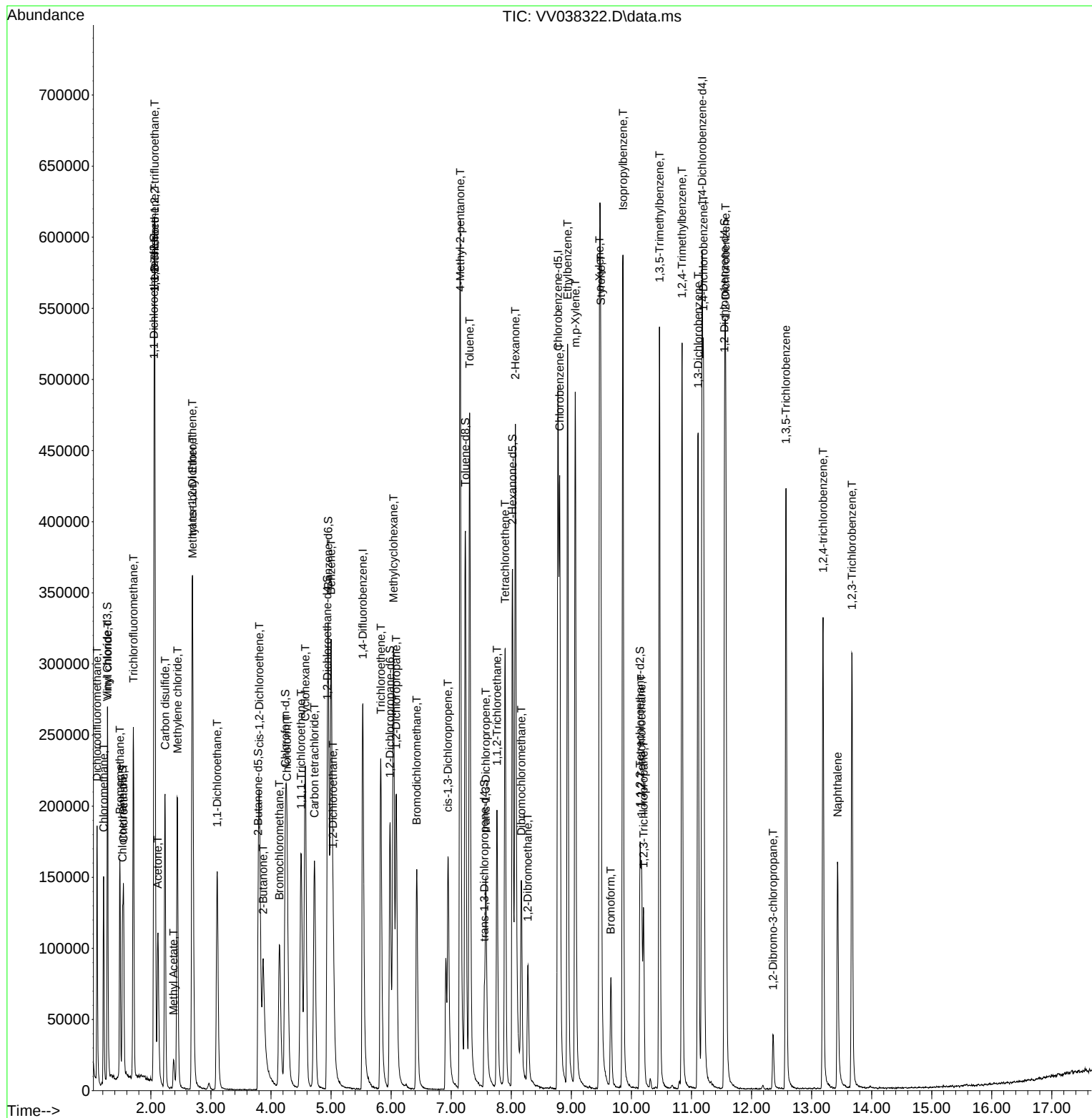
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	92276	4.421	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	146091	4.481	ug/L	99
30) Cyclohexane	4.571	56	116374	4.304	ug/L	98
31) Carbon tetrachloride	4.722	117	129961	4.519	ug/L	98
33) Benzene	5.002	78	337660	4.422	ug/L	100
34) Trichloroethene	5.828	95	89548	4.302	ug/L	97
35) Methylcyclohexane	6.040	83	126178	4.285	ug/L	100
37) 1,2-Dichloropropane	6.085	63	84414	4.413	ug/L	100
38) Bromodichloromethane	6.426	83	112247	4.366	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	115942	4.343	ug/L	96
40) 4-Methyl-2-pentanone	7.150	43	408912	40.849	ug/L	99
42) Toluene	7.307	91	369319	4.567	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	100690	4.464	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	64560	4.162	ug/L	96
47) Tetrachloroethene	7.899	164	73254	4.380	ug/L	99
48) 2-Hexanone	8.069	43	312709	43.078	ug/L	96
49) Dibromochloromethane	8.169	129	73057	4.320	ug/L	99
50) 1,2-Dibromoethane	8.275	107	61231	4.258	ug/L	97
51) Chlorobenzene	8.805	112	246921	4.432	ug/L	98
52) Ethylbenzene	8.937	91	381459	4.446	ug/L	99
53) m,p-Xylene	9.066	106	147011	4.541	ug/L	96
54) o-Xylene	9.471	106	139482	4.426	ug/L	98
55) Styrene	9.490	104	257135	4.628	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	77493	4.273	ug/L	96
59) Bromoform	9.657	173	37742	4.495	ug/L	98
60) Isopropylbenzene	9.860	105	383949	4.620	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	51333	4.155	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	291111	4.414	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	296071	4.502	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	203849	4.568	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	204714	4.538	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	180878	4.379	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	10813	3.899	ug/L	88
69) 1,3,5-Trichlorobenzene	12.574	180	135545	4.288	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	105906	4.053	ug/L	99
71) Naphthalene	13.432	128	147373	3.626	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	97537	4.040	ug/L	98

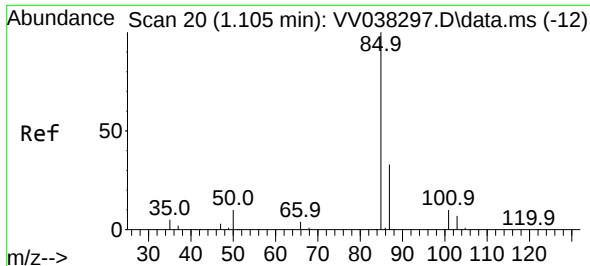
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Instrument :
MSVOA_V
ClientSampleId :

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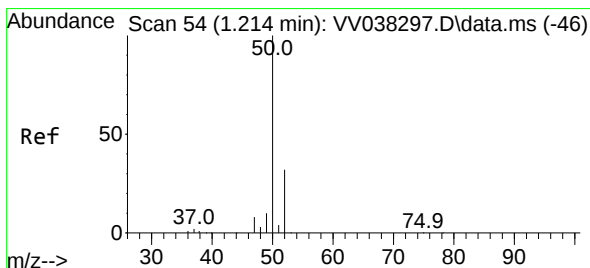
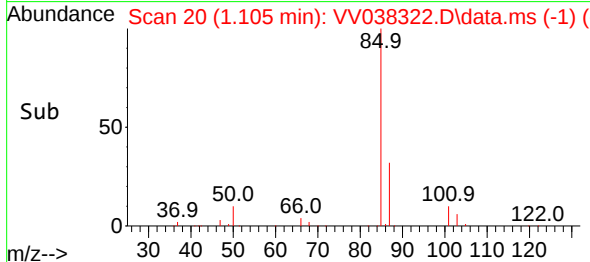
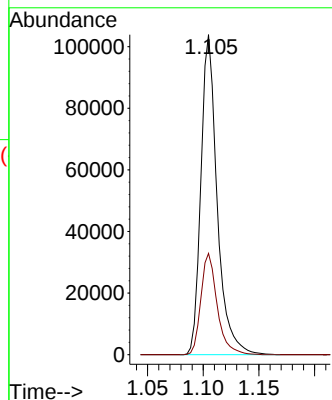
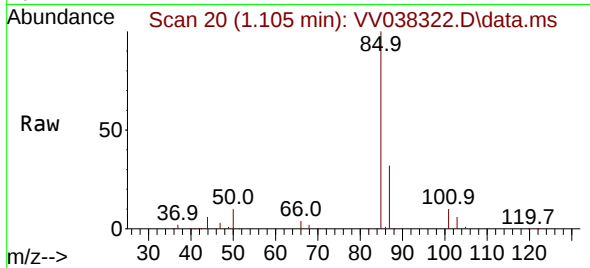




#2
Dichlorodifluoromethane
Concen: 4.252 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

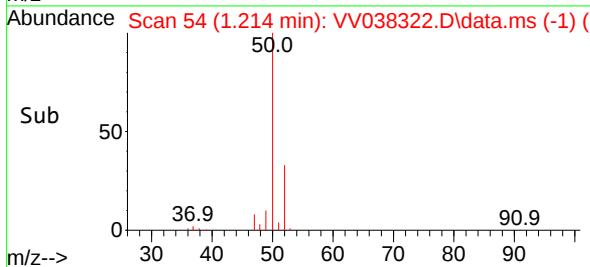
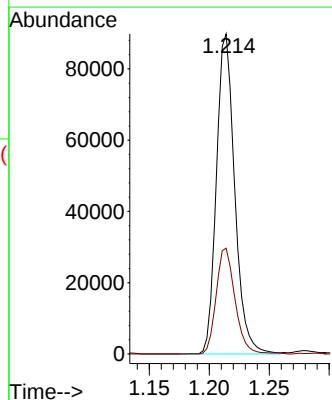
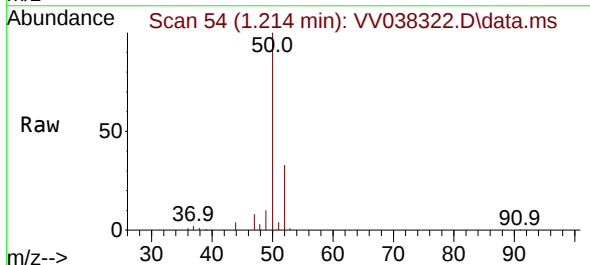
Instrument :
MSVOA_V
ClientSampleId :

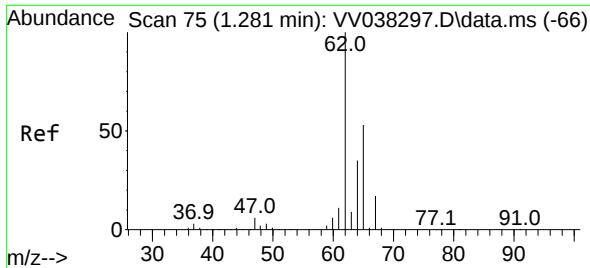
Tgt Ion: 85 Resp: 105619
Ion Ratio Lower Upper
85 100
87 31.7 26.5 39.7



#3
Chloromethane
Concen: 4.444 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 50 Resp: 95062
Ion Ratio Lower Upper
50 100
52 33.1 23.5 43.7

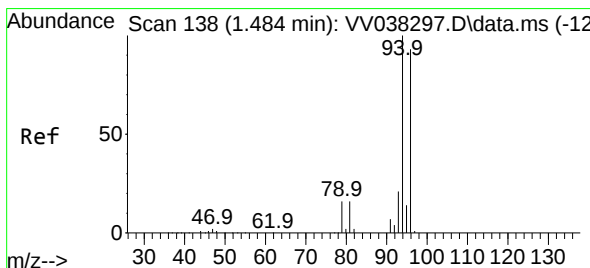
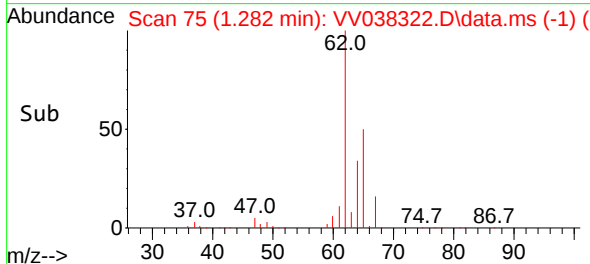
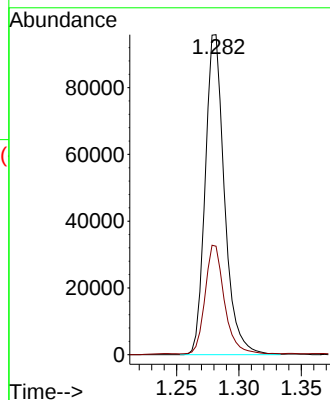
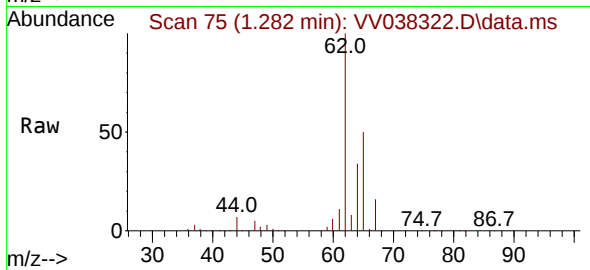




#5
 Vinyl chloride
 Concen: 4.254 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038322.D
 Acq: 24 Nov 2024 11:07

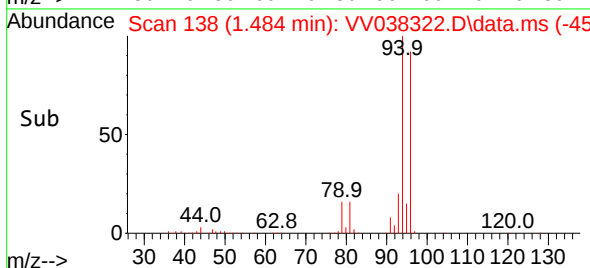
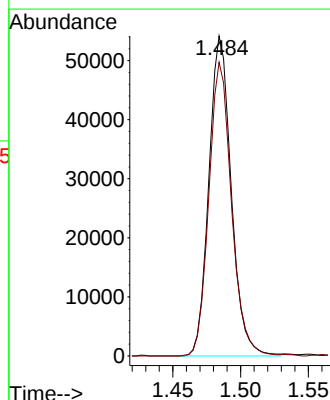
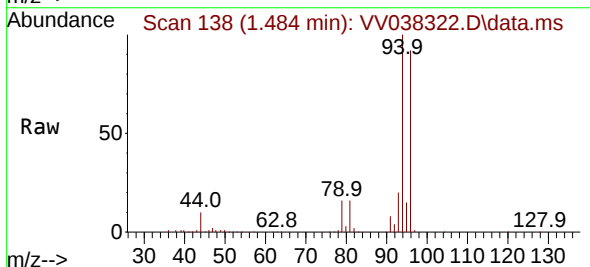
Instrument :
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 ClientSampleId :

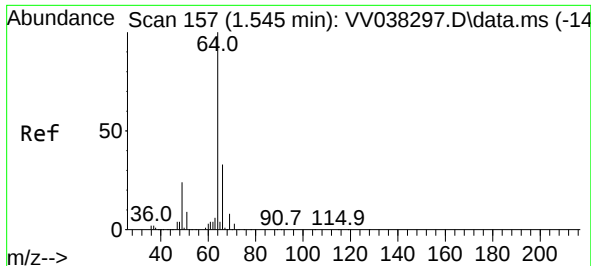
Tgt Ion: 62 Resp: 103094
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.4 45.4



#6
 Bromomethane
 Concen: 6.569 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038322.D
 Acq: 24 Nov 2024 11:07

Tgt Ion: 94 Resp: 62080
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.7 118.3

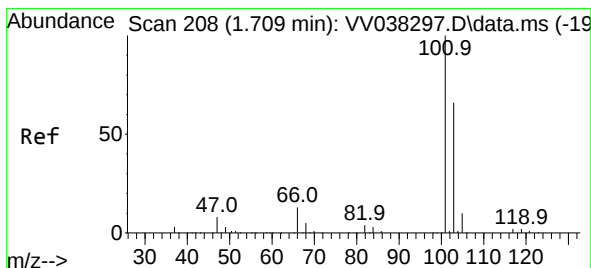
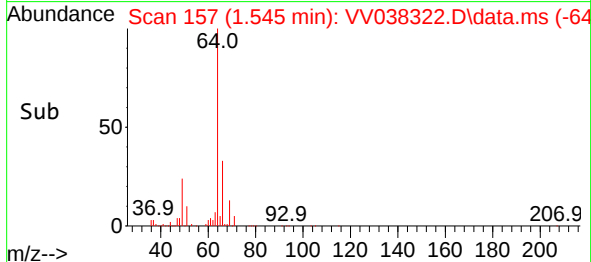
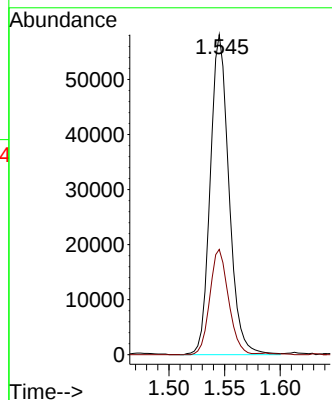
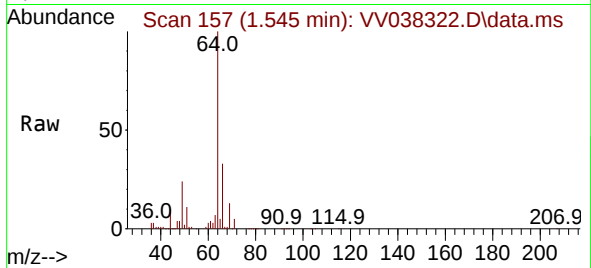




#8
Chloroethane
Concen: 4.398 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

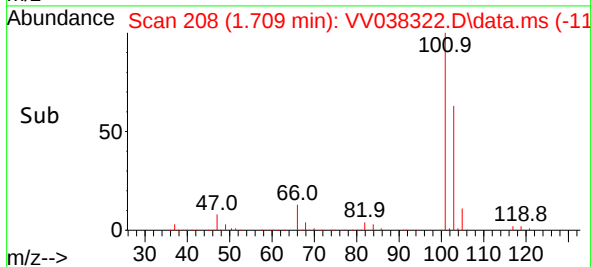
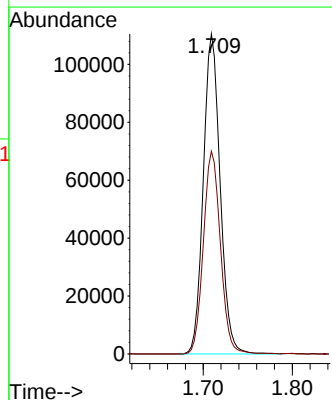
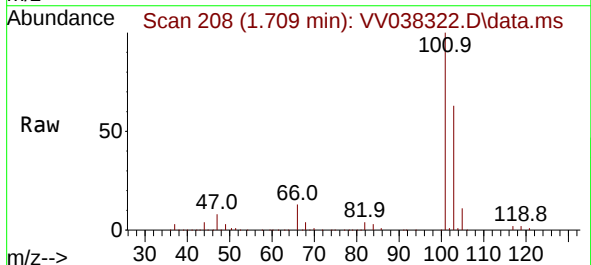
Instrument :
MSVOA_V
ClientSampleId :

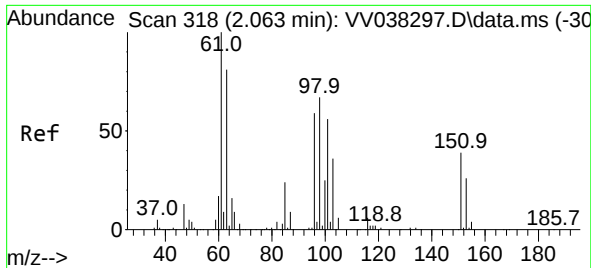
Tgt Ion: 64 Resp: 67921
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.204 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion:101 Resp: 145006
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

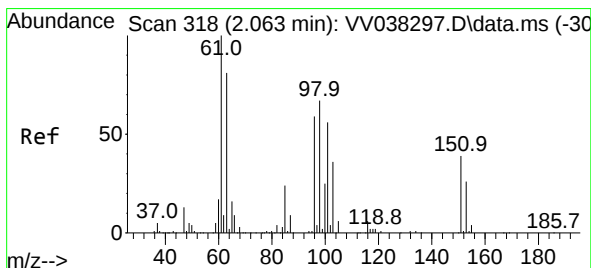
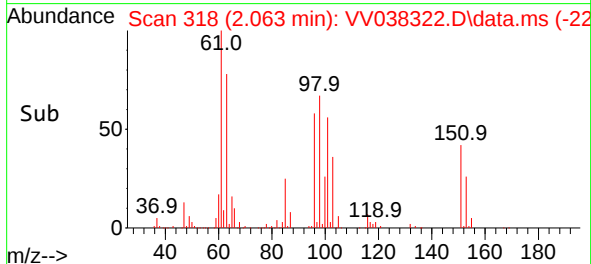
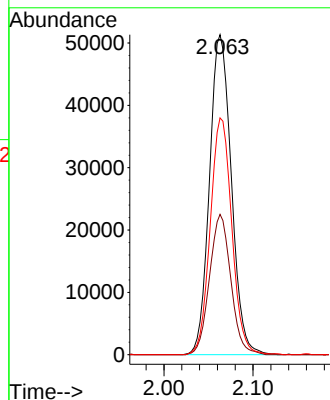
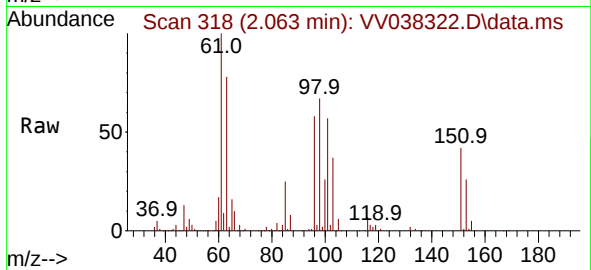




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.441 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038322.D
 Acq: 24 Nov 2024 11:07

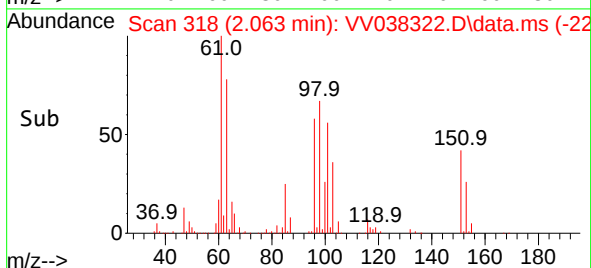
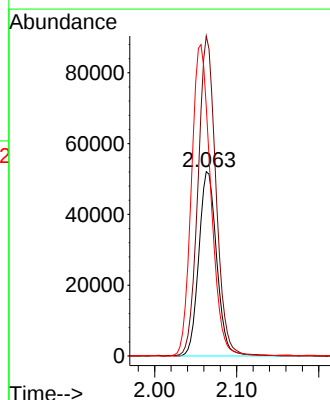
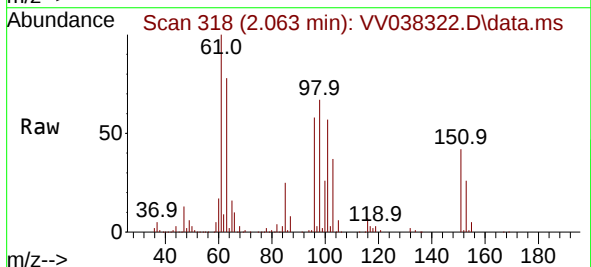
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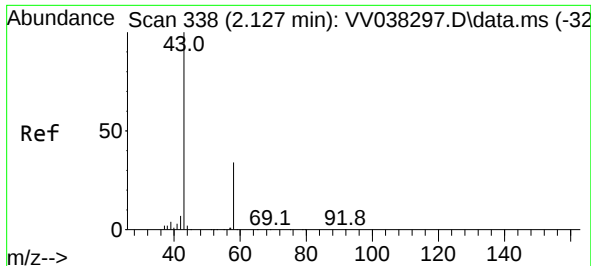
Tgt Ion:101 Resp: 87428
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.0
 151 73.0 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.207 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038322.D
 Acq: 24 Nov 2024 11:07

Tgt Ion: 96 Resp: 78892
 Ion Ratio Lower Upper
 96 100
 61 173.7 115.7 214.9
 63 135.2 101.1 187.7





#13

Acetone

Concen: 40.895 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

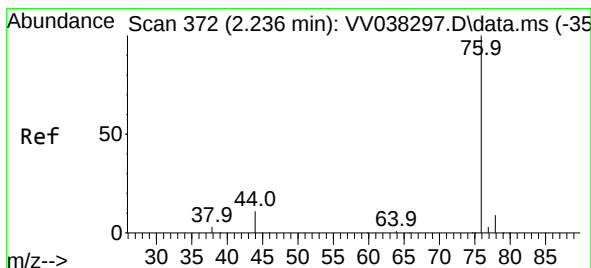
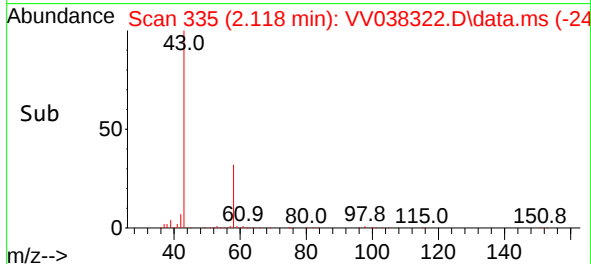
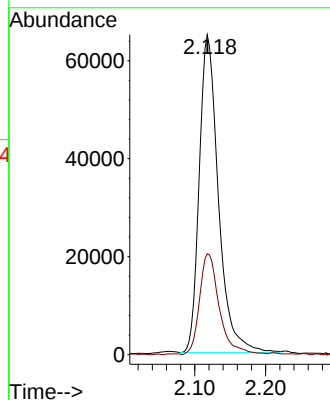
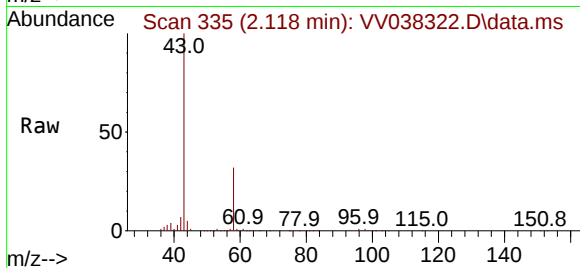
ClientSampleId :

Tgt Ion: 43 Resp: 121759

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.2



#14

Carbon disulfide

Concen: 3.999 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038322.D

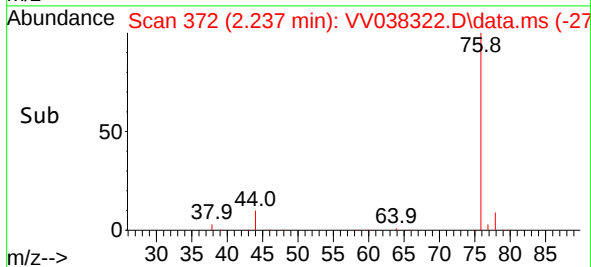
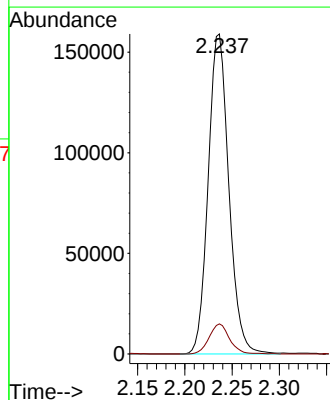
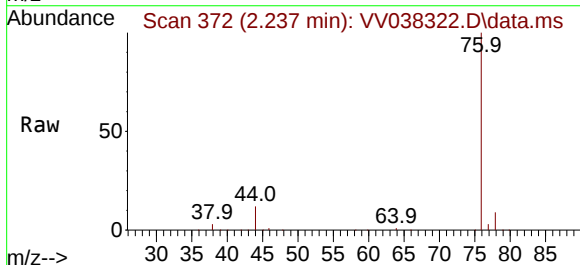
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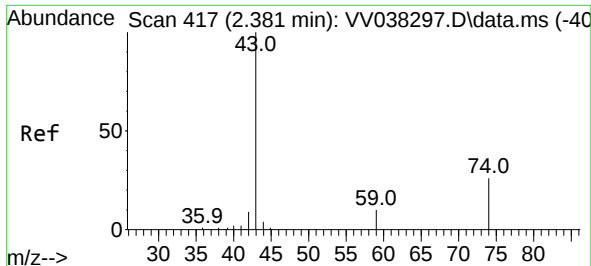
Tgt Ion: 76 Resp: 241568

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

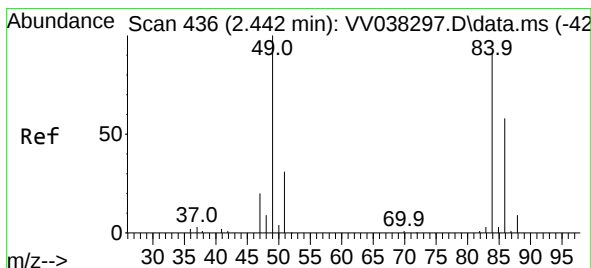
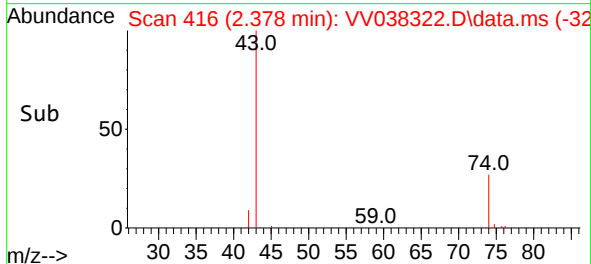
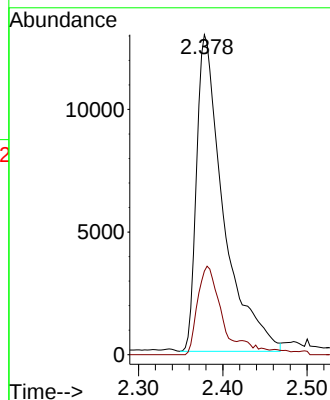
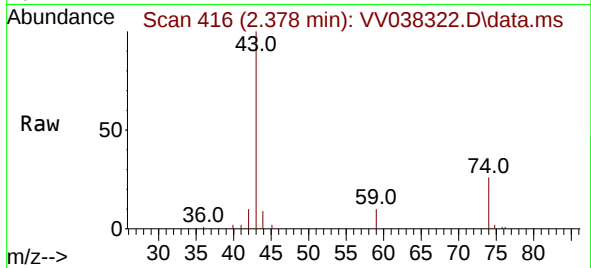




#15
Methyl Acetate
Concen: 3.962 ug/L
RT: 2.378 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

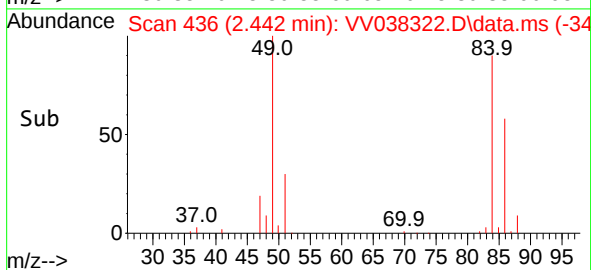
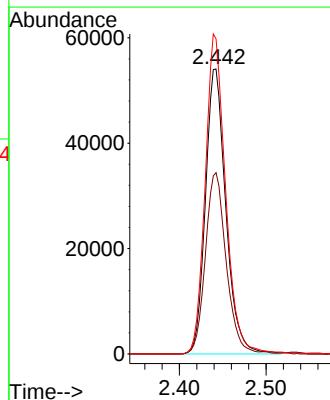
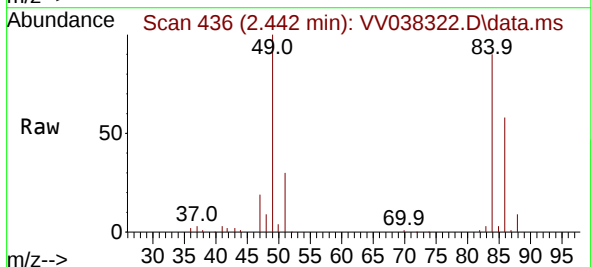
Instrument :
MSVOA_V
ClientSampleId :

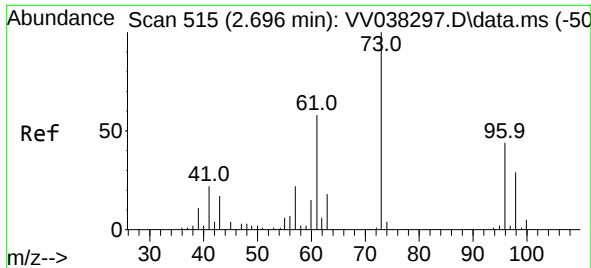
Tgt Ion: 43 Resp: 28647
Ion Ratio Lower Upper
43 100
74 23.0 22.4 33.6



#16
Methylene chloride
Concen: 4.143 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 84 Resp: 88593
Ion Ratio Lower Upper
84 100
86 63.6 44.2 82.2
49 110.5 74.9 139.1

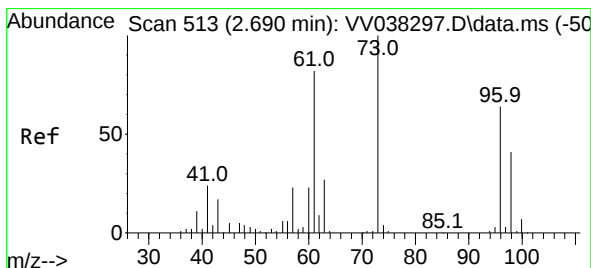
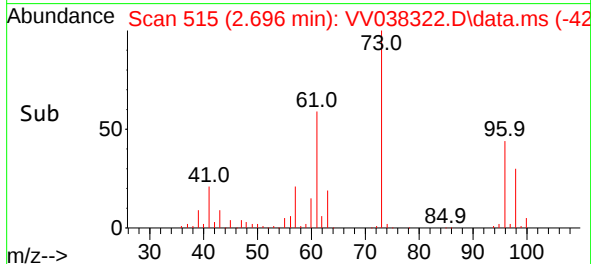
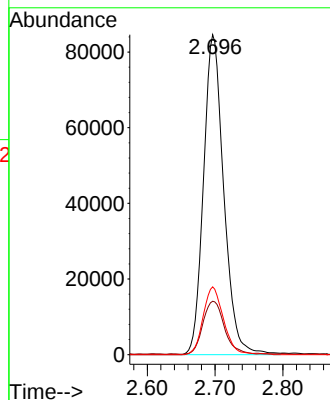
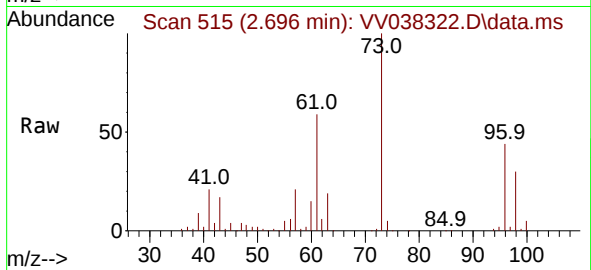




#17
Methyl tert-butyl Ether
Concen: 4.142 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

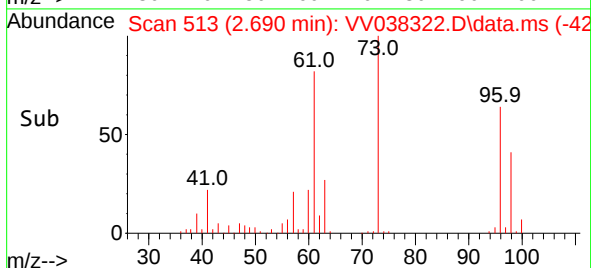
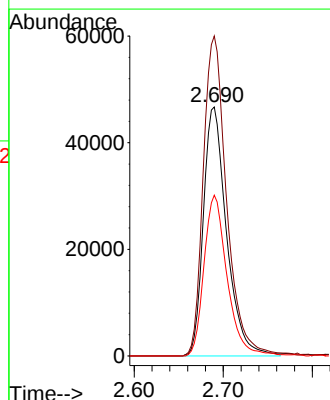
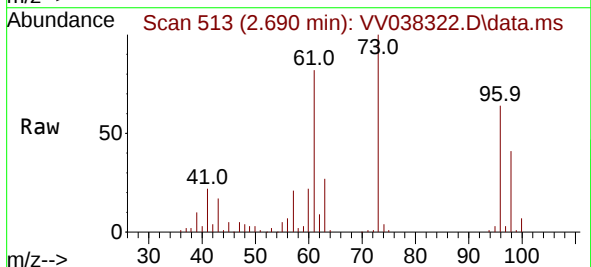
Instrument :
MSVOA_V
ClientSampleId :

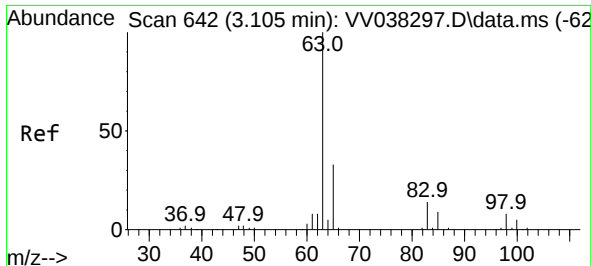
Tgt Ion: 73 Resp: 175611
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.2
57 21.2 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.271 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 96 Resp: 84382
Ion Ratio Lower Upper
96 100
61 128.6 88.5 164.4
98 64.6 43.9 81.5

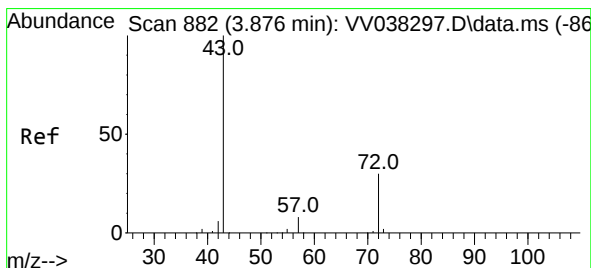
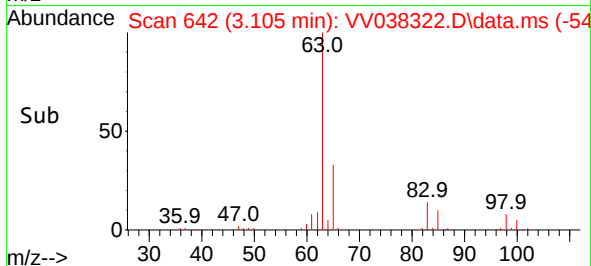
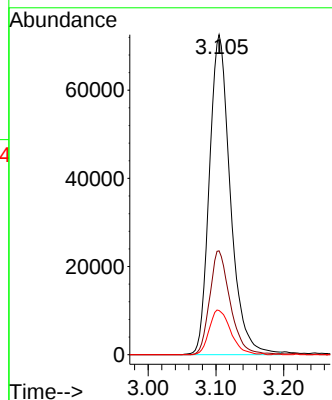
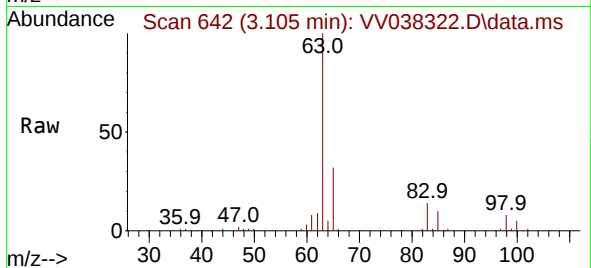




#19
1,1-Dichloroethane
Concen: 4.353 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

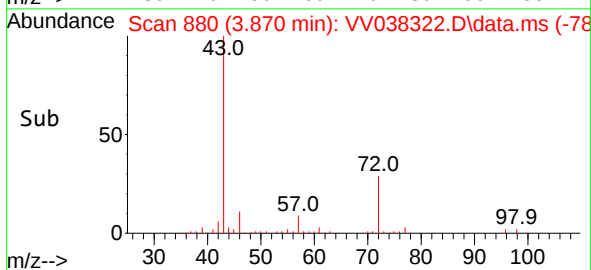
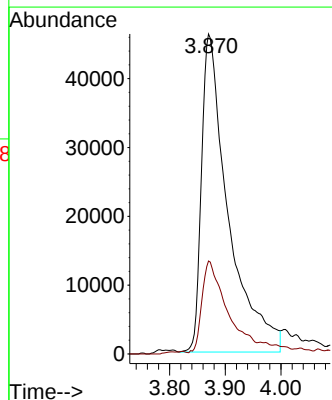
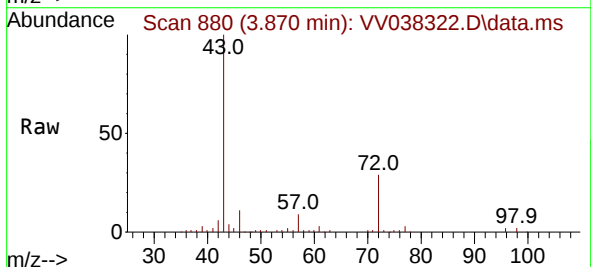
Instrument :
MSVOA_V
ClientSampleId :

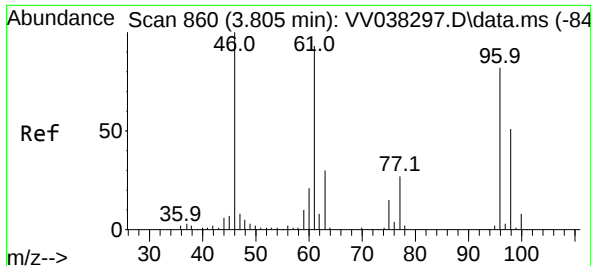
Tgt Ion: 63 Resp: 156079
Ion Ratio Lower Upper
63 100
65 32.5 22.5 41.7
83 13.8 10.1 18.9



#21
2-Butanone
Concen: 36.087 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 43 Resp: 154208
Ion Ratio Lower Upper
43 100
72 26.8 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.340 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

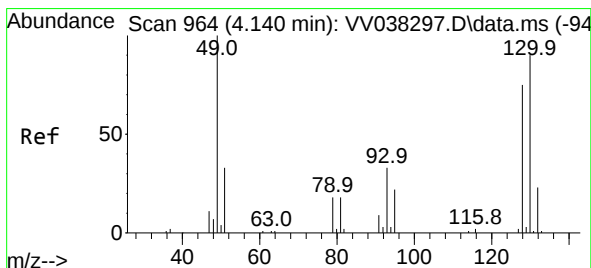
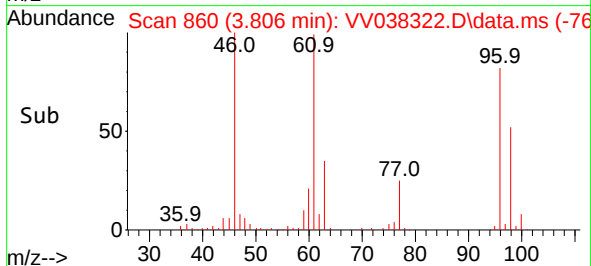
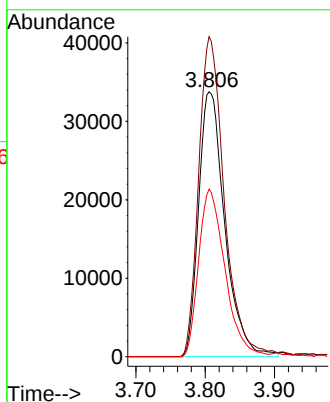
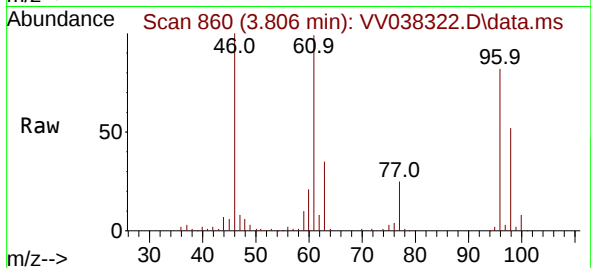
Tgt Ion: 96 Resp: 88654

Ion Ratio Lower Upper

96 100

61 120.7 82.7 153.5

98 63.2 46.3 85.9



#23

Bromochloromethane

Concen: 4.279 ug/L

RT: 4.140 min Scan# 964

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Tgt Ion: 128 Resp: 42678

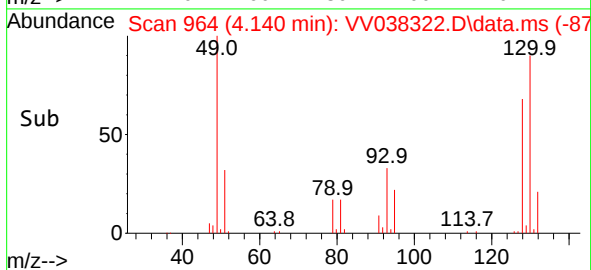
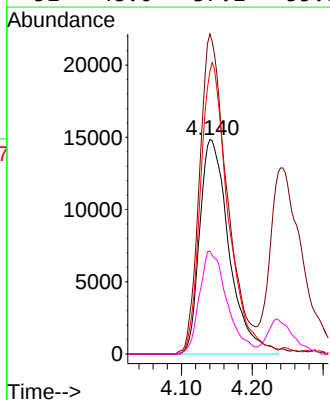
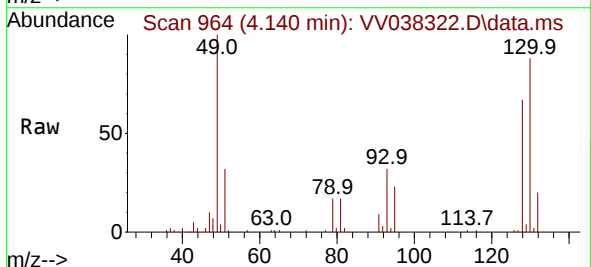
Ion Ratio Lower Upper

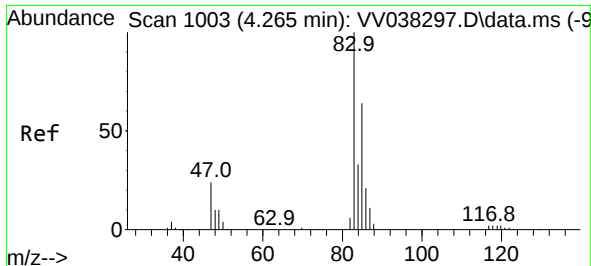
128 100

49 149.3 102.8 190.8

130 131.7 93.6 173.8

51 48.0 37.1 55.7

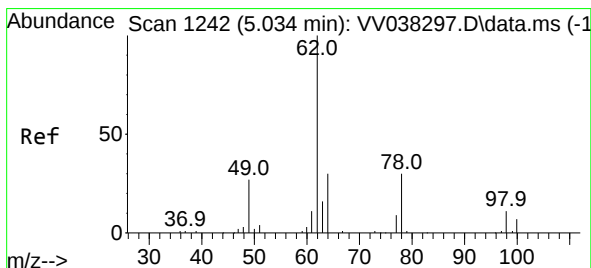
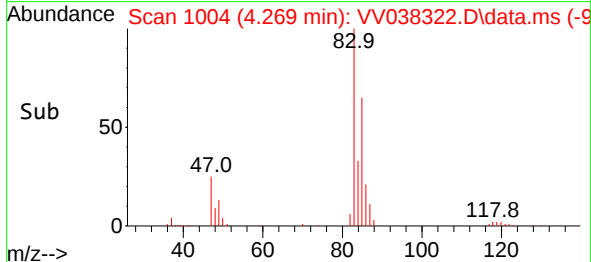
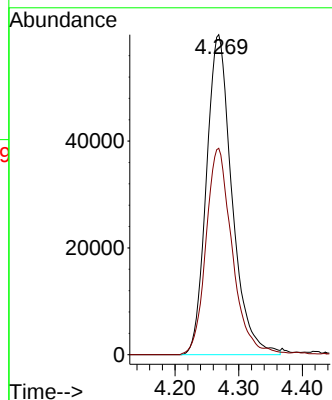
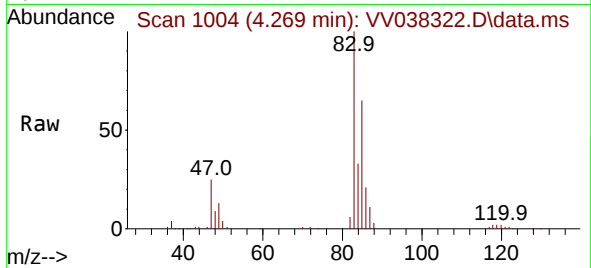




#25
Chloroform
Concen: 4.365 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

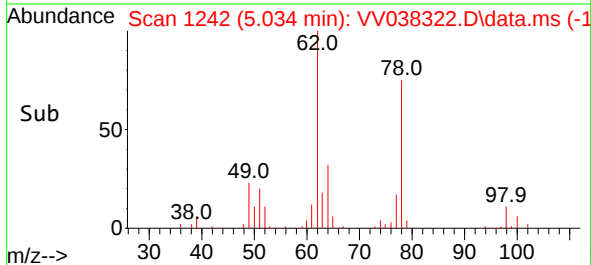
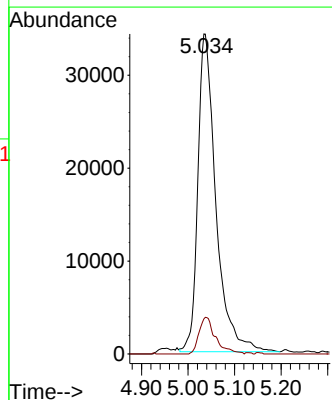
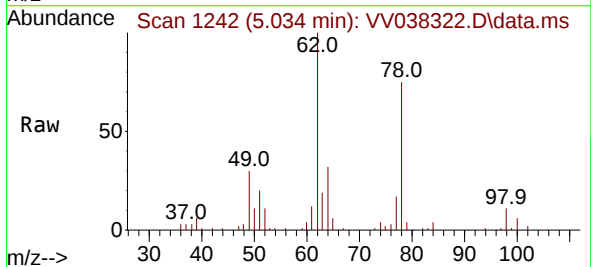
Instrument :
MSVOA_V
ClientSampleId :

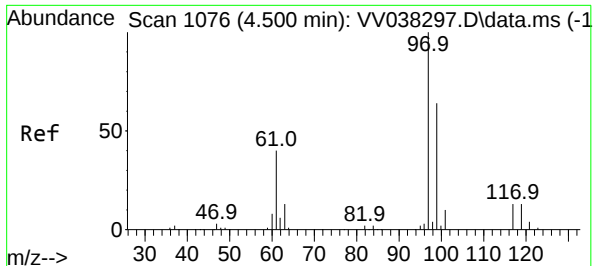
Tgt Ion: 83 Resp: 167445
Ion Ratio Lower Upper
83 100
85 64.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 4.421 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 62 Resp: 92276
Ion Ratio Lower Upper
62 100
98 11.0 8.2 12.4

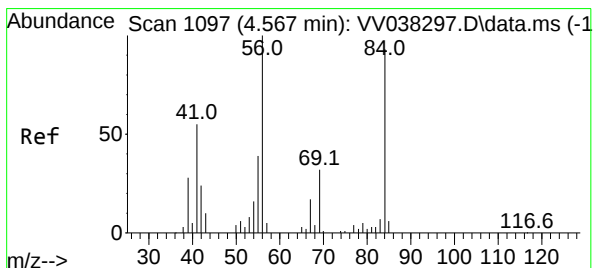
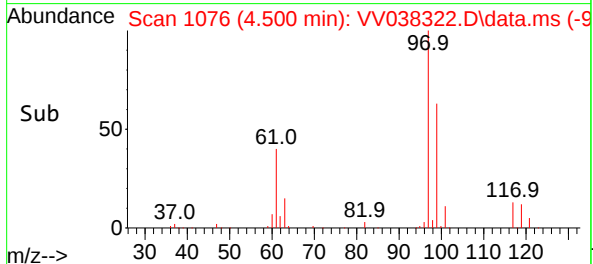
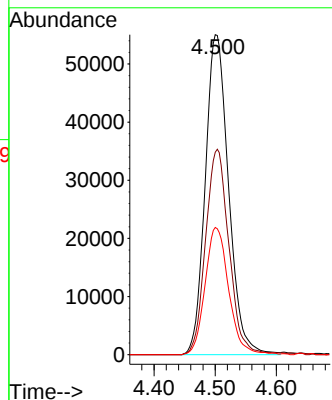
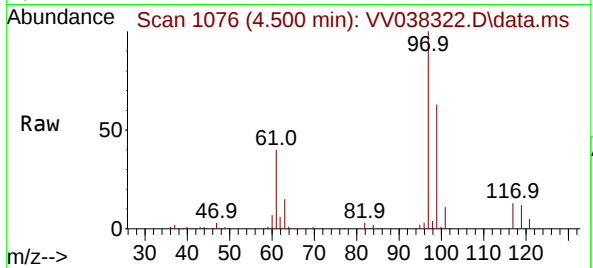




#29
1,1,1-Trichloroethane
Concen: 4.481 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

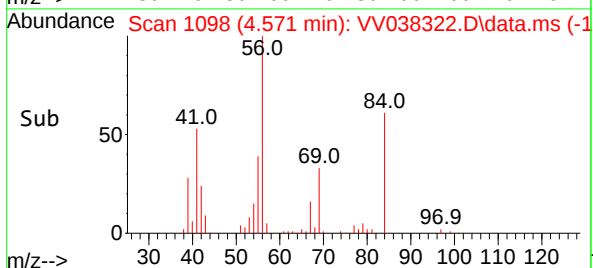
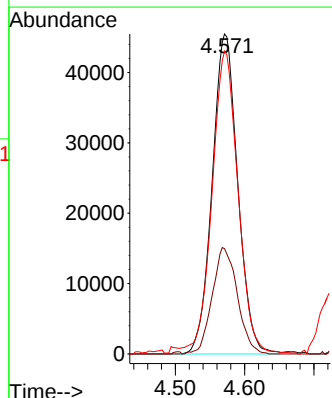
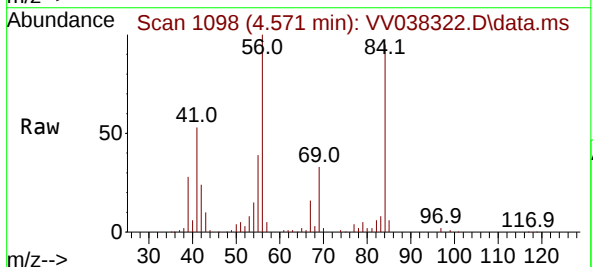
Instrument :
MSVOA_V
ClientSampleId :

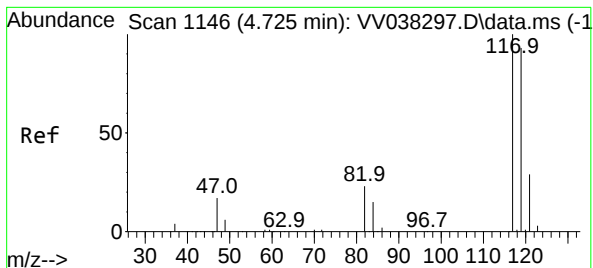
Tgt Ion: 97 Resp: 146091
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 40.1 32.2 48.2



#30
Cyclohexane
Concen: 4.304 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 56 Resp: 116374
Ion Ratio Lower Upper
56 100
69 32.8 26.0 39.0
84 96.6 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.519 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

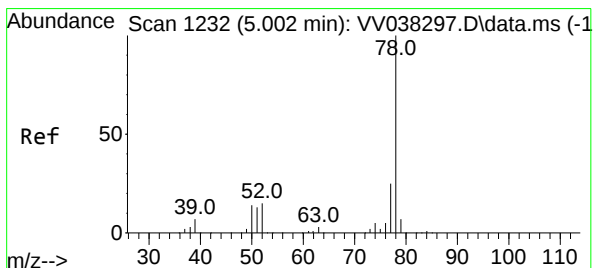
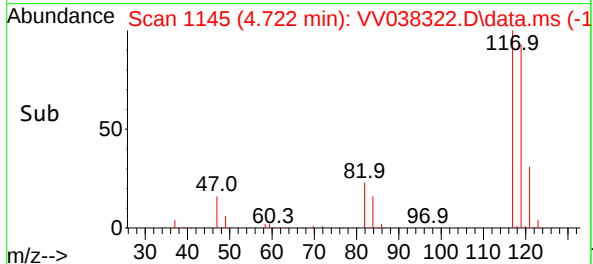
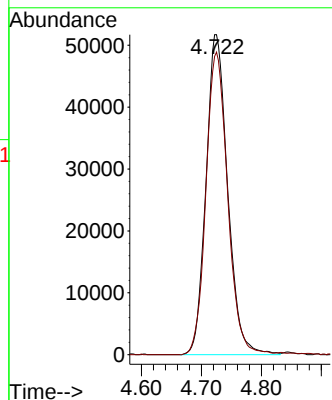
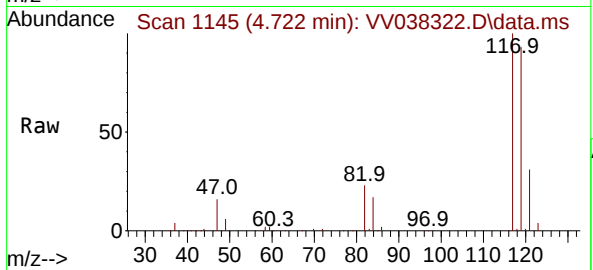
ClientSampleId :

Tgt Ion:117 Resp: 129961

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.2



#33

Benzene

Concen: 4.422 ug/L

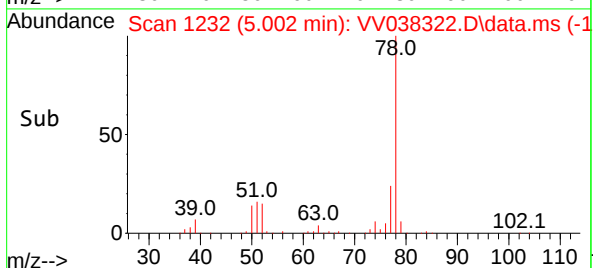
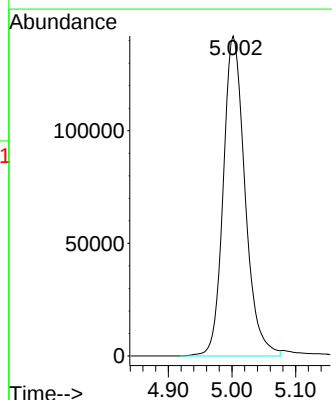
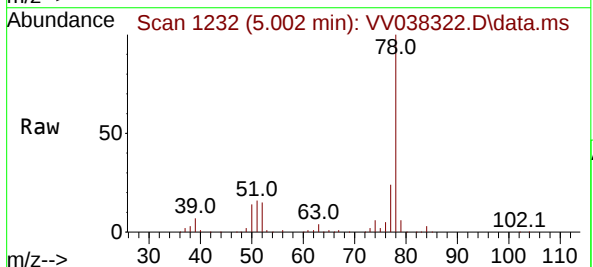
RT: 5.002 min Scan# 1232

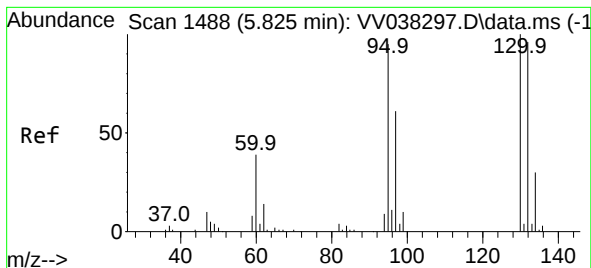
Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Tgt Ion: 78 Resp: 337660





#34

Trichloroethene

Concen: 4.302 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 89548

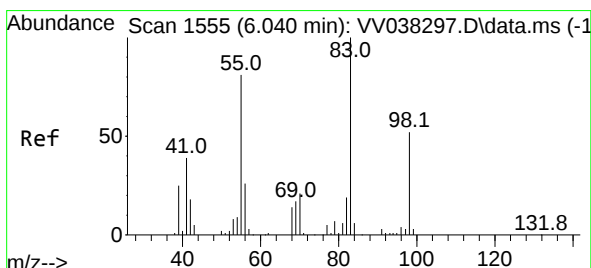
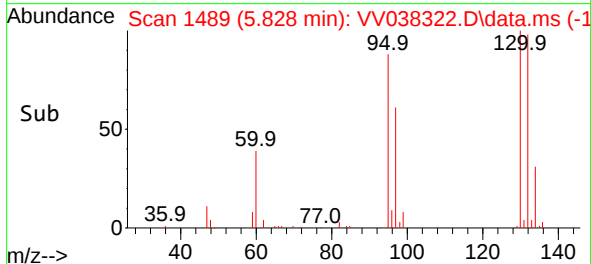
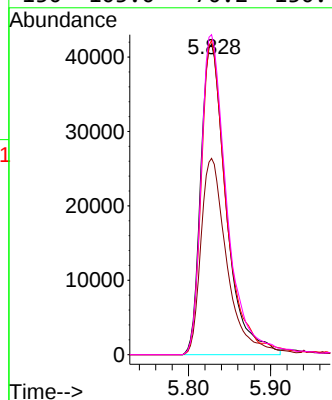
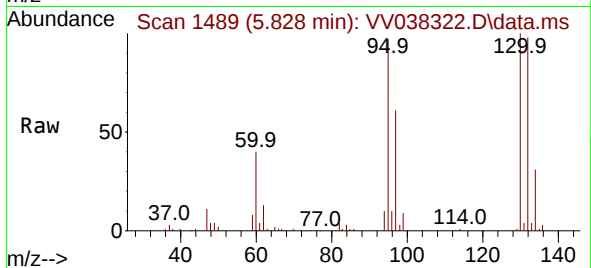
Ion Ratio Lower Upper

95 100

97 63.2 44.8 83.2

132 101.3 68.3 126.8

130 103.0 70.2 130.4



#35

Methylcyclohexane

Concen: 4.285 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

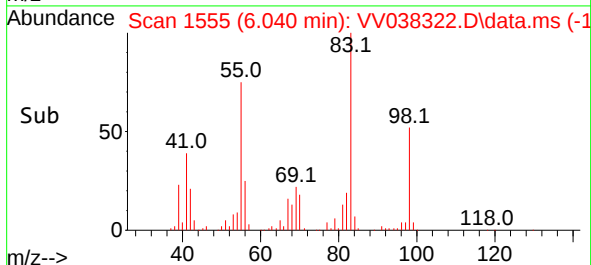
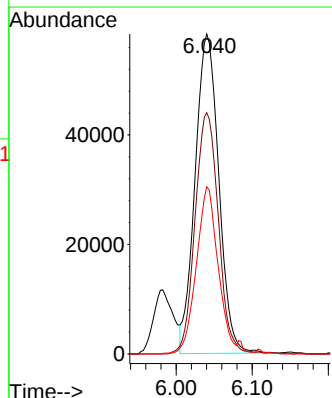
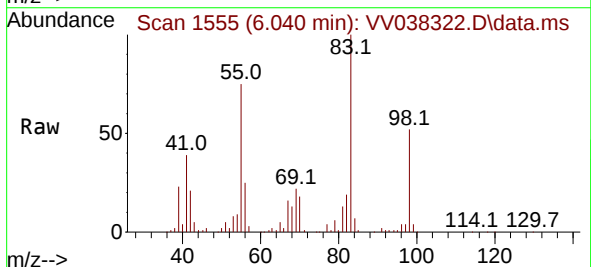
Tgt Ion: 83 Resp: 126178

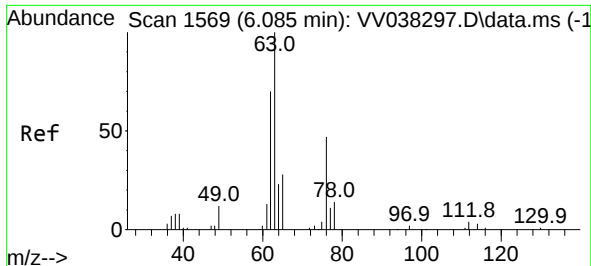
Ion Ratio Lower Upper

83 100

55 74.6 59.7 89.5

98 48.0 39.0 58.4

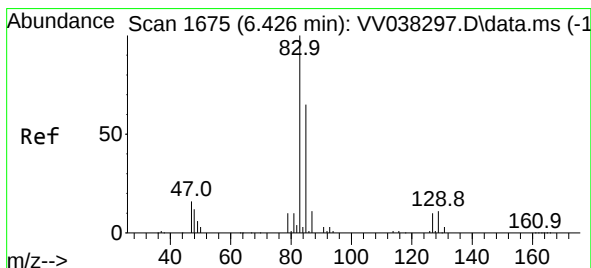
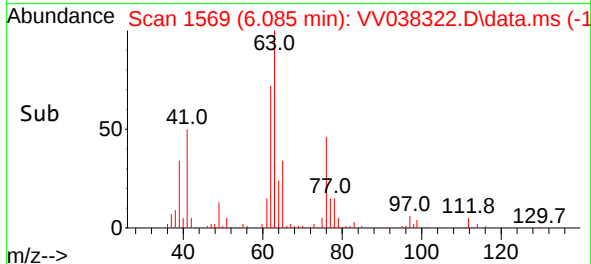
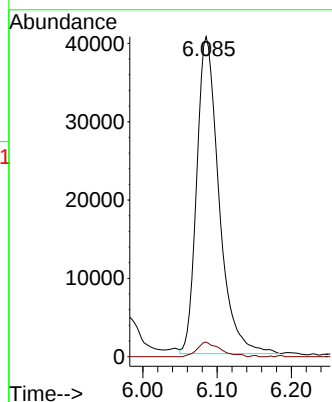
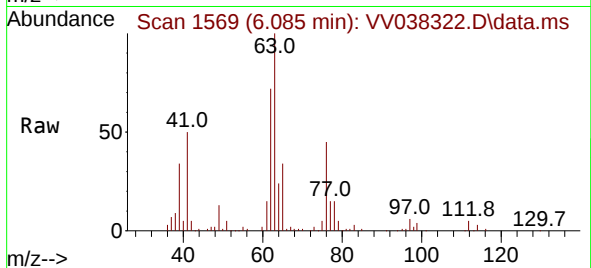




#37
1,2-Dichloropropane
Concen: 4.413 ug/L
RT: 6.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

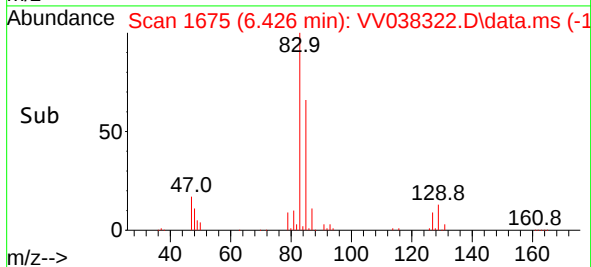
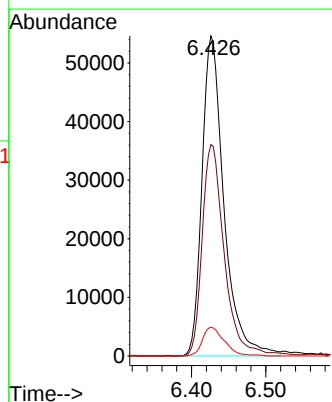
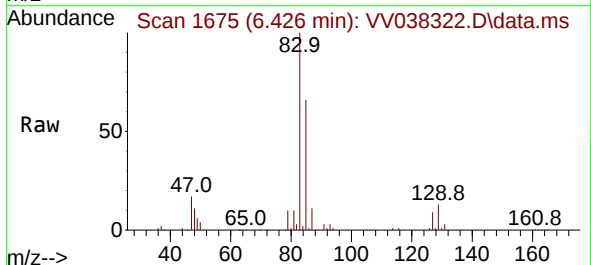
Instrument :
MSVOA_V
ClientSampleId :

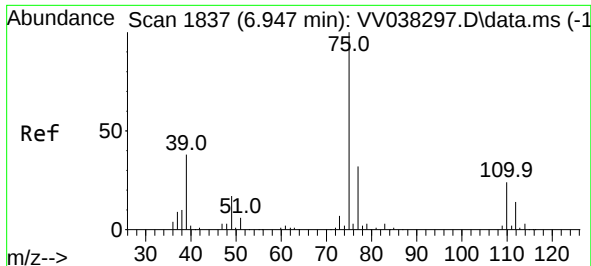
Tgt Ion: 63 Resp: 84414
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 4.366 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 83 Resp: 112247
Ion Ratio Lower Upper
83 100
85 66.1 43.9 81.5
127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.343 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

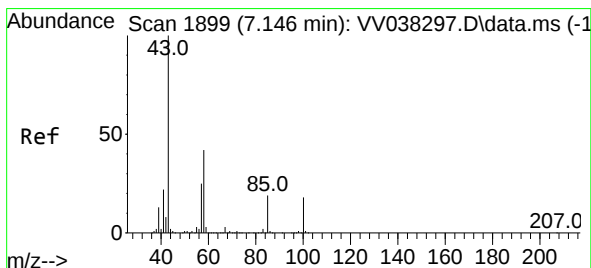
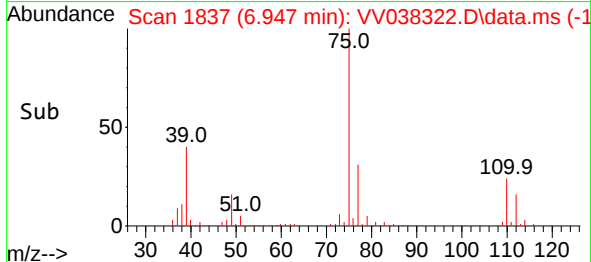
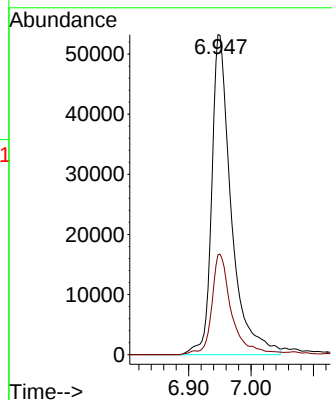
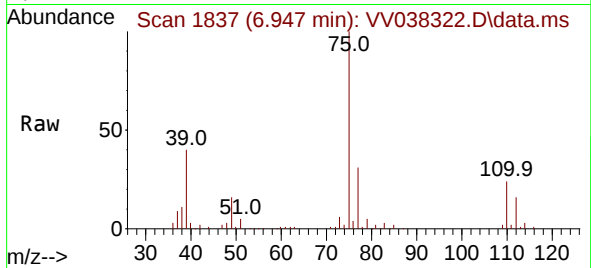
ClientSampleId :

Tgt Ion: 75 Resp: 115942

Ion Ratio Lower Upper

75 100

77 31.2 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 40.849 ug/L

RT: 7.150 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

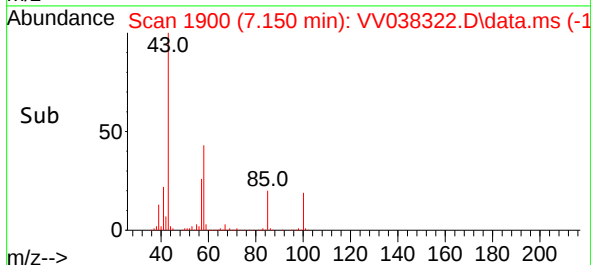
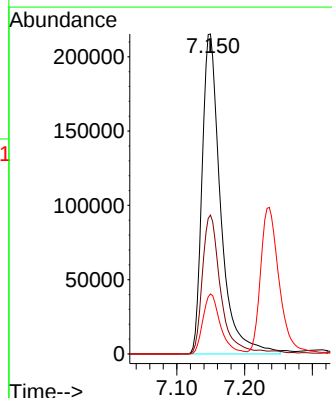
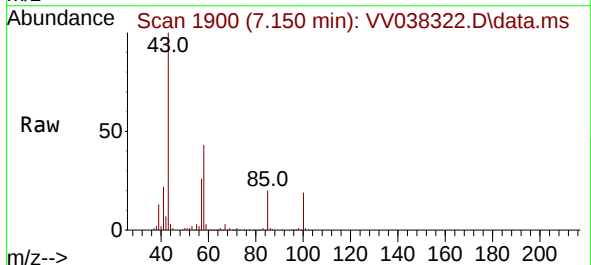
Tgt Ion: 43 Resp: 408912

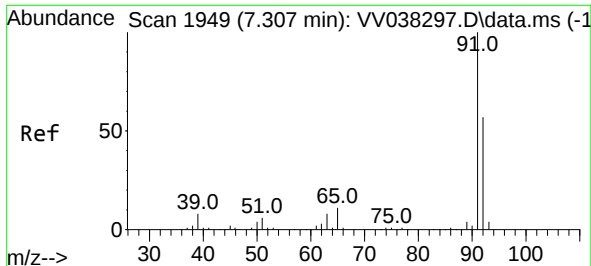
Ion Ratio Lower Upper

43 100

58 43.0 33.4 50.2

100 17.9 14.3 21.5





#42

Toluene

Concen: 4.567 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

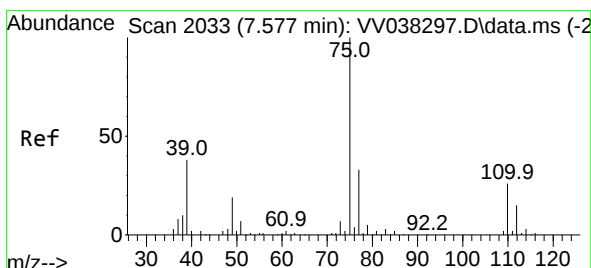
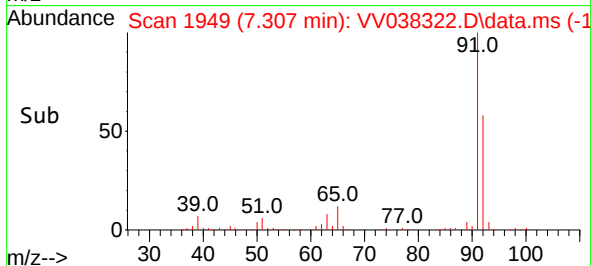
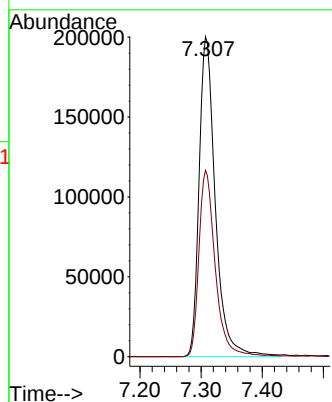
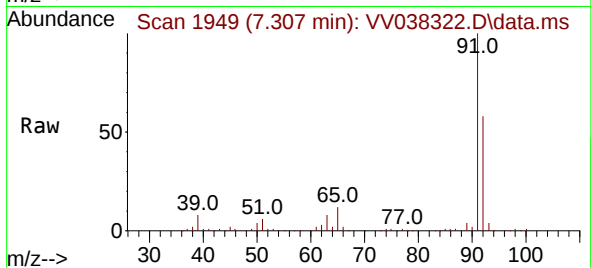
ClientSampleId :

Tgt Ion: 91 Resp: 369319

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.464 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038322.D

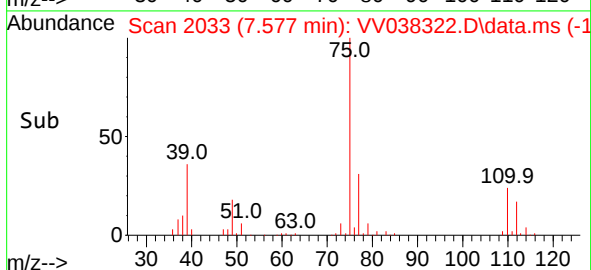
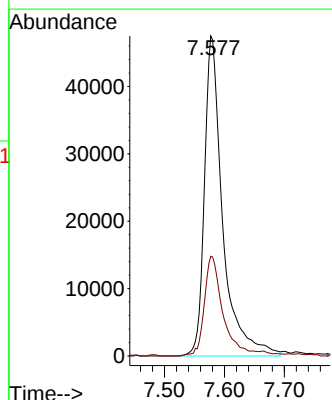
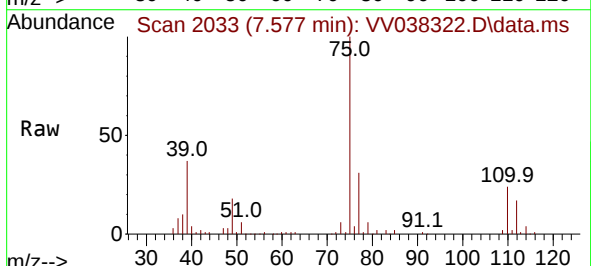
Acq: 24 Nov 2024 11:07

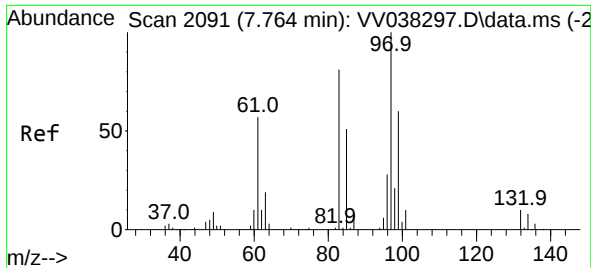
Tgt Ion: 75 Resp: 100690

Ion Ratio Lower Upper

75 100

77 31.1 23.4 43.4

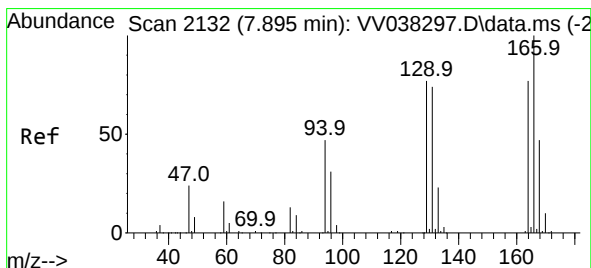
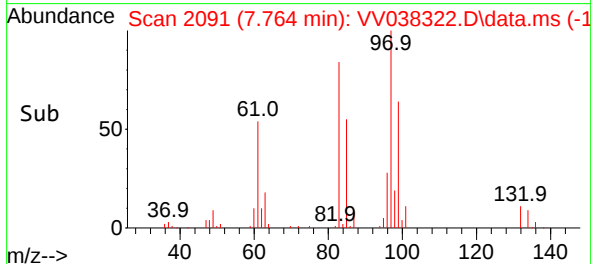
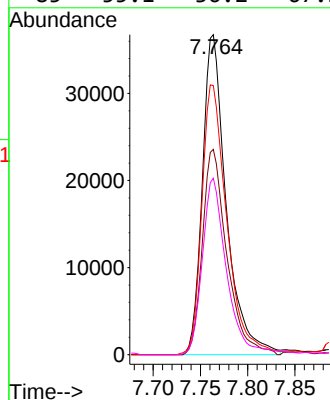
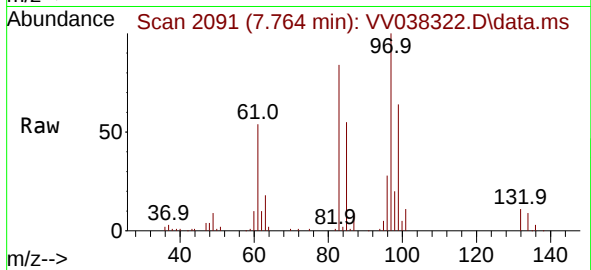




#45
1,1,2-Trichloroethane
Concen: 4.162 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

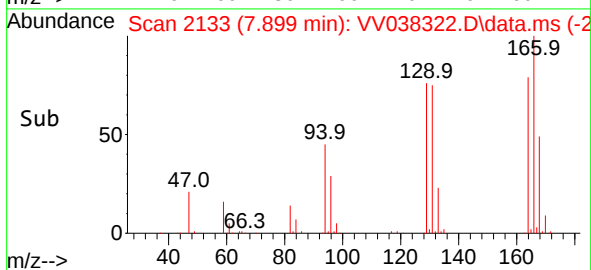
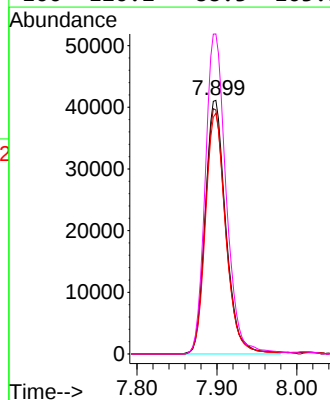
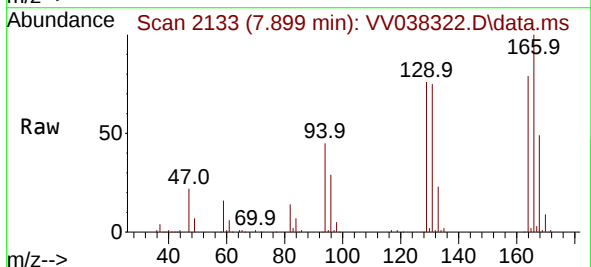
Instrument :
MSVOA_V
ClientSampleId :

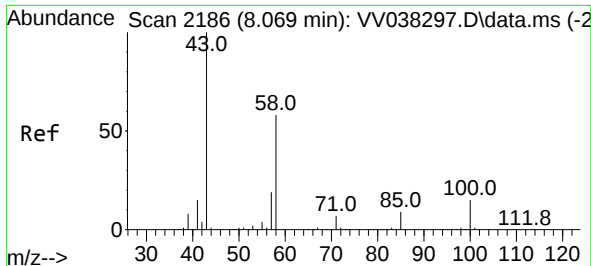
Tgt Ion: 97	Resp: 64560
Ion Ratio	Lower Upper
97 100	
99 64.1	41.9 77.7
83 84.1	57.7 107.1
85 55.1	36.2 67.2



#47
Tetrachloroethene
Concen: 4.380 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 164	Resp: 73254
Ion Ratio	Lower Upper
164 100	
129 96.2	68.5 127.1
131 94.9	64.8 120.4
166 126.2	88.3 163.9

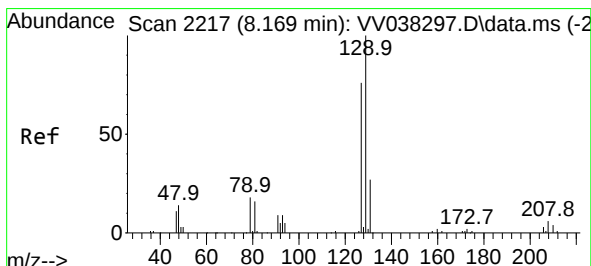
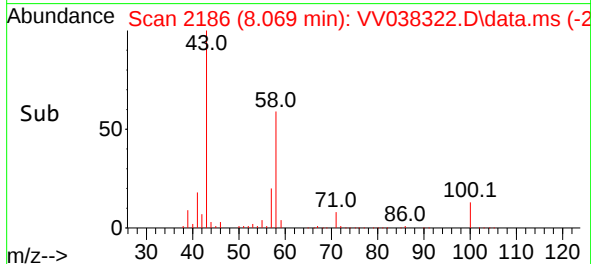
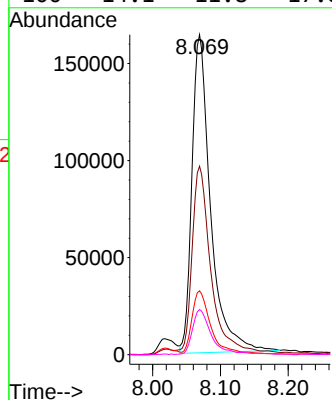
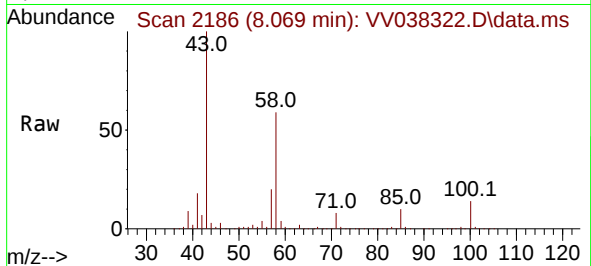




#48
2-Hexanone
Concen: 43.078 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

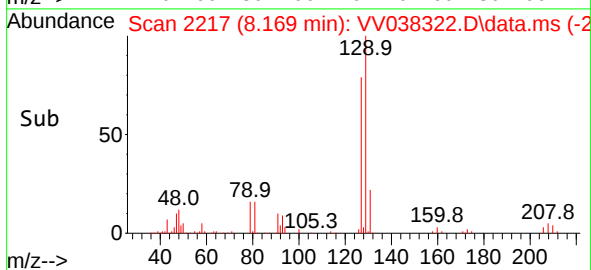
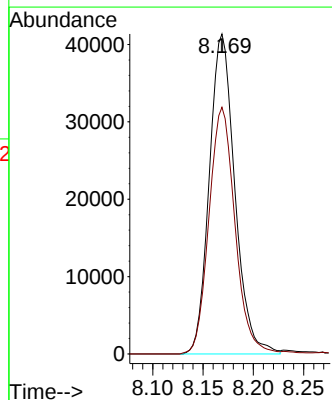
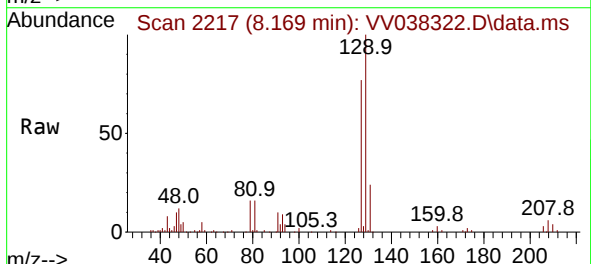
Instrument :
MSVOA_V
ClientSampleId :

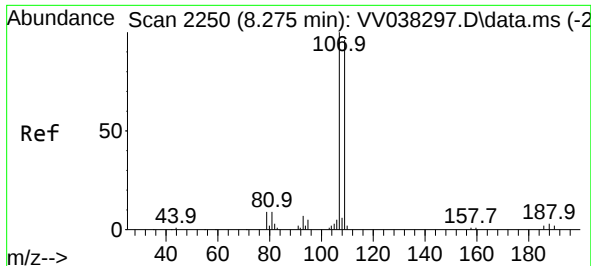
Tgt Ion: 43 Resp: 312709
Ion Ratio Lower Upper
43 100
58 57.6 49.2 73.8
57 21.1 16.9 25.3
100 14.1 11.8 17.8



#49
Dibromochloromethane
Concen: 4.320 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 129 Resp: 73057
Ion Ratio Lower Upper
129 100
127 77.1 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.258 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038322.D

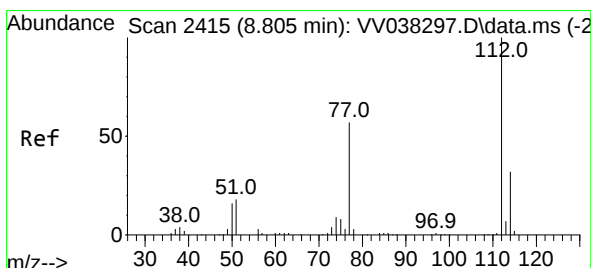
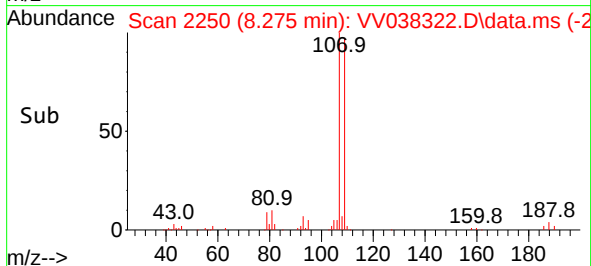
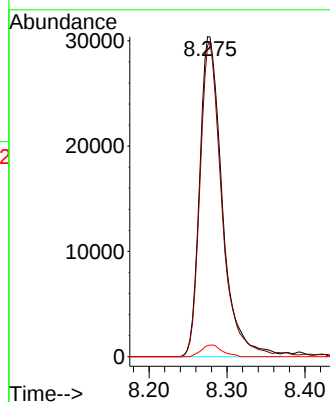
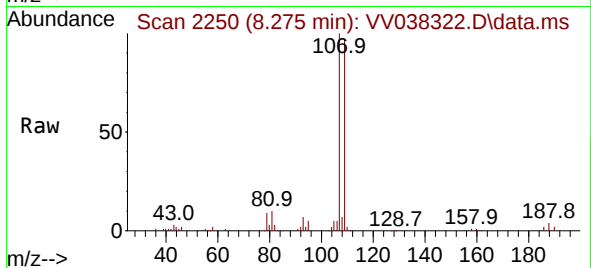
Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	61231
Ion	Ratio	Lower	Upper
107	100		
109	97.2	66.1	122.7
188	3.5	2.6	3.8



#51

Chlorobenzene

Concen: 4.432 ug/L

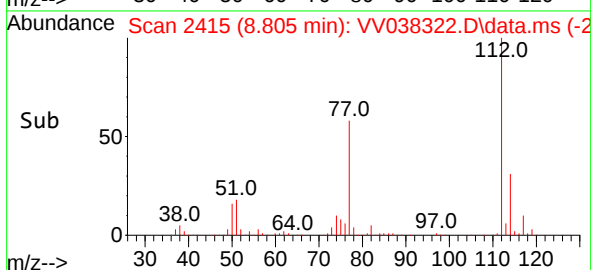
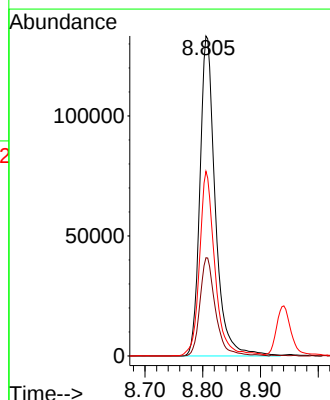
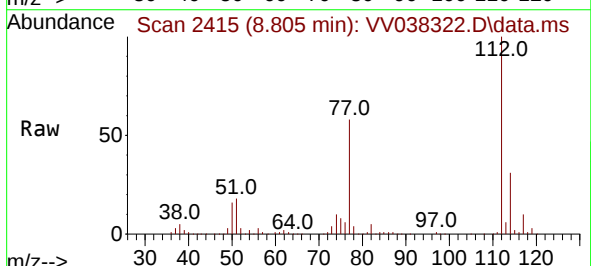
RT: 8.805 min Scan# 2415

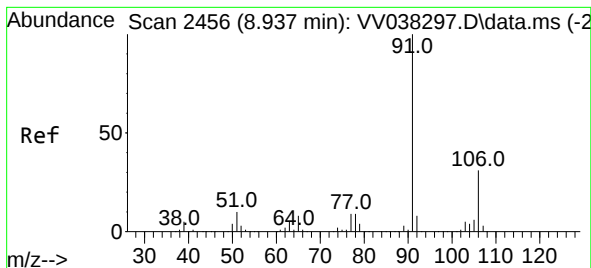
Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Tgt Ion:	112	Resp:	246921
Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.0	40.8
77	57.7	45.0	67.4





#52

Ethylbenzene

Concen: 4.446 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

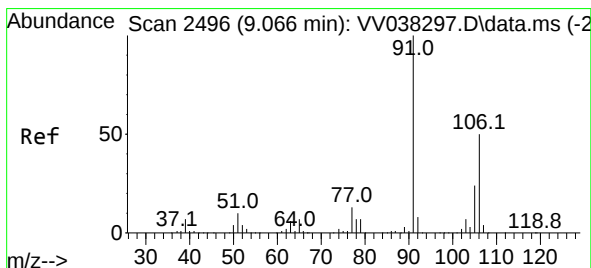
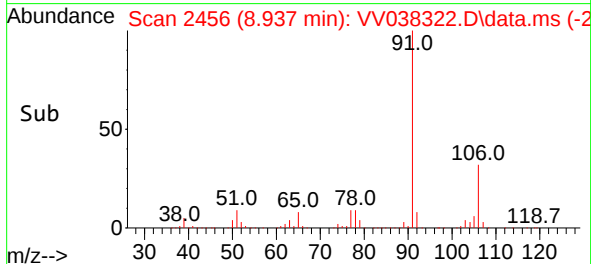
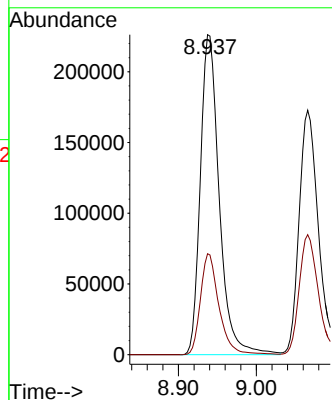
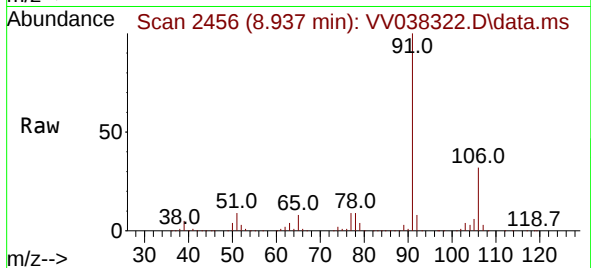
ClientSampleId :

Tgt Ion: 91 Resp: 381459

Ion Ratio Lower Upper

91 100

106 31.5 21.8 40.4



#53

m,p-Xylene

Concen: 4.541 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV038322.D

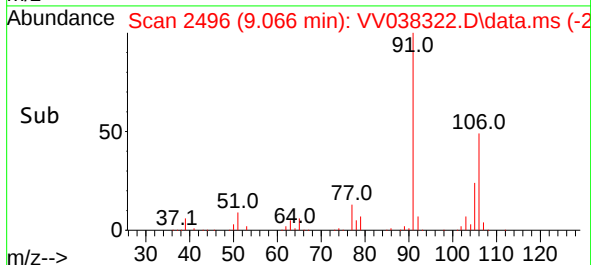
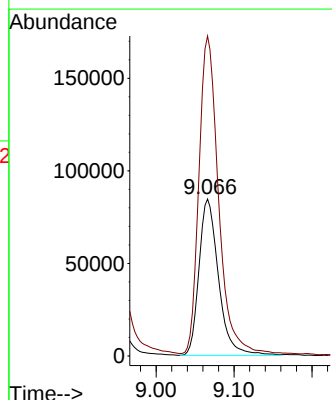
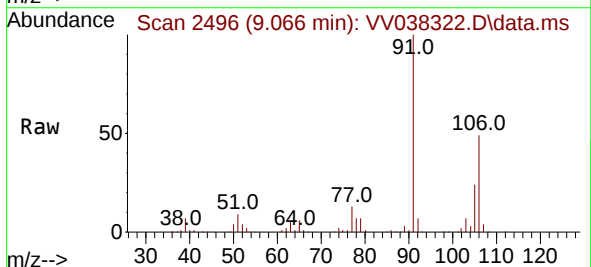
Acq: 24 Nov 2024 11:07

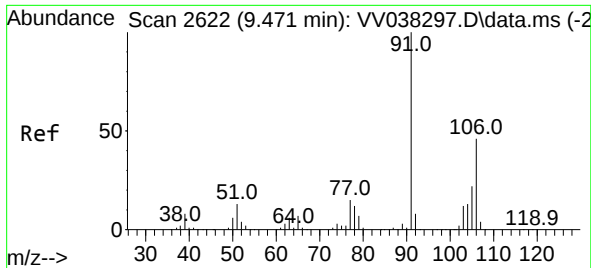
Tgt Ion: 106 Resp: 147011

Ion Ratio Lower Upper

106 100

91 203.8 138.7 257.5

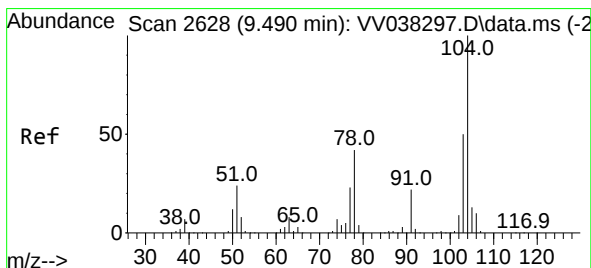
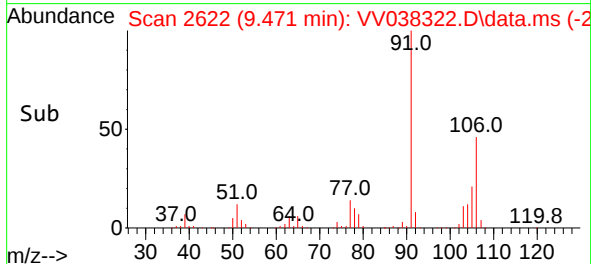
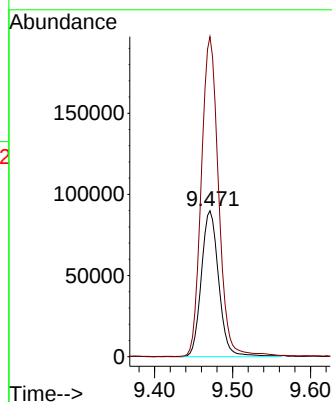
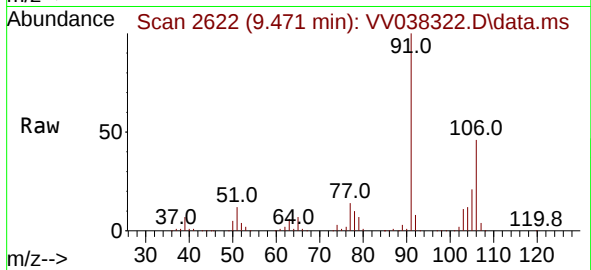




#54
o-Xylene
Concen: 4.426 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

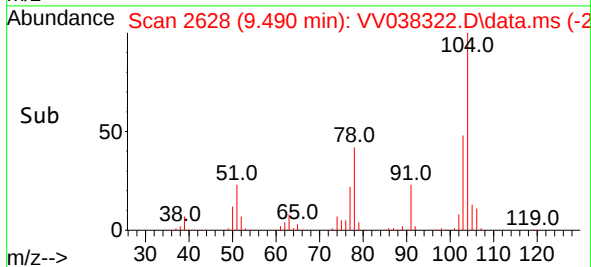
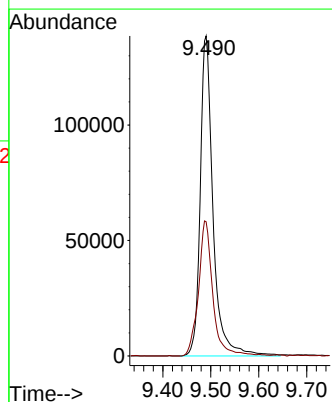
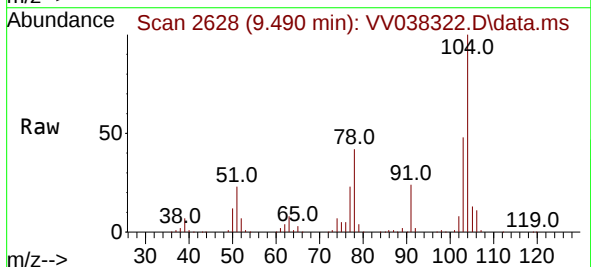
Instrument :
MSVOA_V
ClientSampleId :

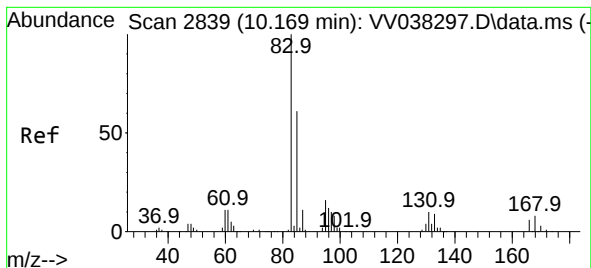
Tgt Ion:106 Resp: 139482
Ion Ratio Lower Upper
106 100
91 219.2 155.5 288.7



#55
Styrene
Concen: 4.628 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion:104 Resp: 257135
Ion Ratio Lower Upper
104 100
78 41.9 29.7 55.1

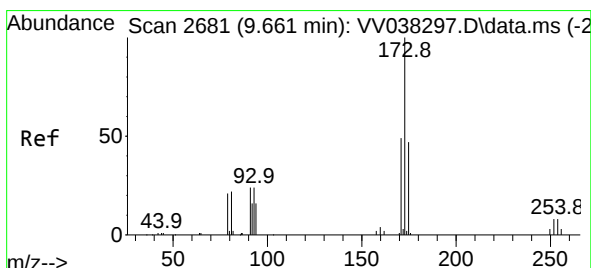
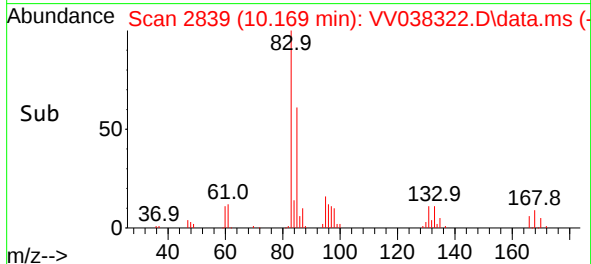
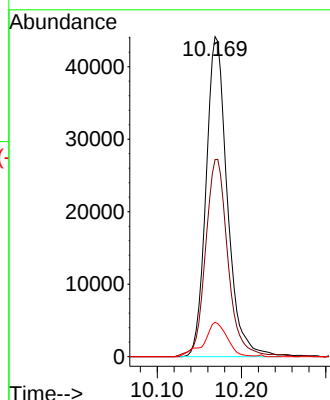
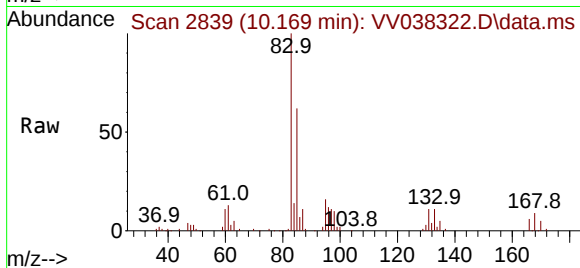




#57
1,1,2,2-Tetrachloroethane
Concen: 4.273 ug/L
RT: 10.169 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

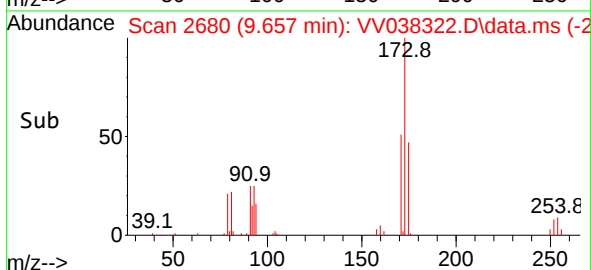
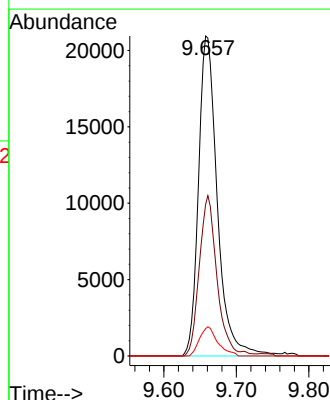
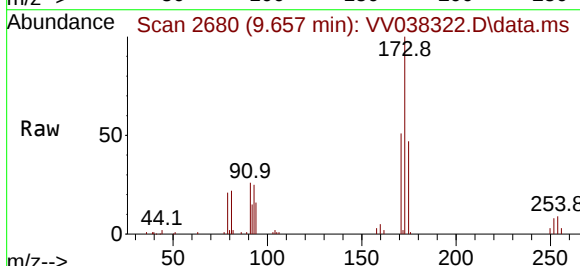
Instrument :
MSVOA_V
ClientSampleId :

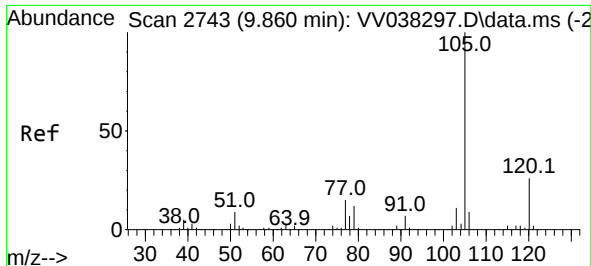
Tgt Ion:	83	Resp:	77493
Ion	Ratio	Lower	Upper
83	100		
85	61.6	45.7	84.9
131	10.8	8.2	12.4



#59
Bromoform
Concen: 4.495 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion:	173	Resp:	37742
Ion	Ratio	Lower	Upper
173	100		
175	46.6	38.5	57.7
254	8.8	6.9	10.3

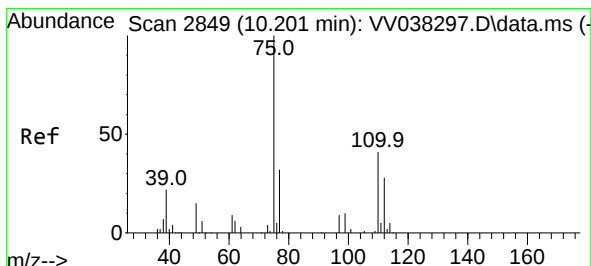
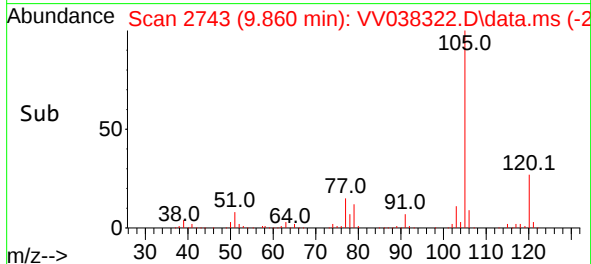
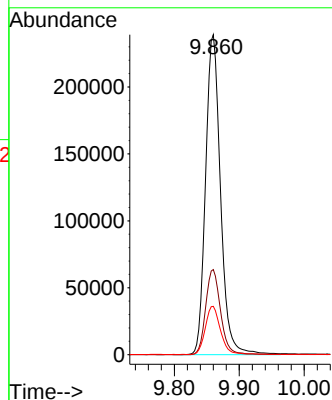
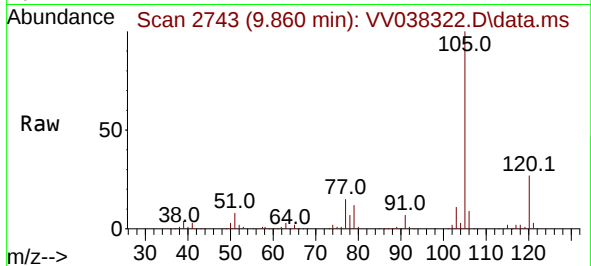




#60
Isopropylbenzene
Concen: 4.620 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

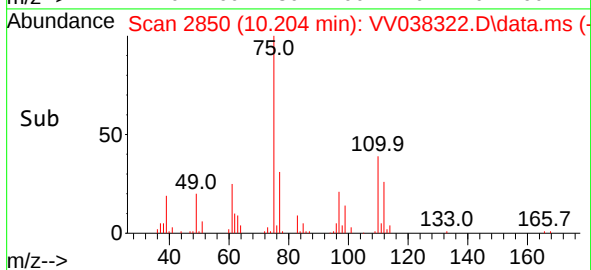
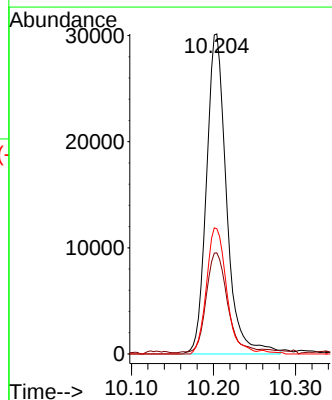
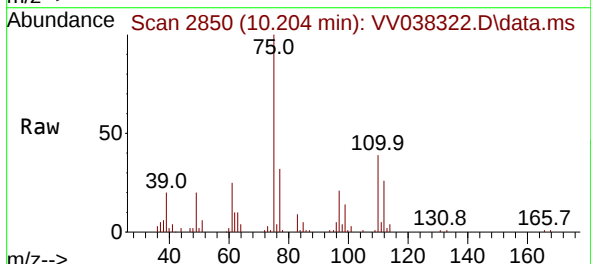
Instrument :
MSVOA_V
ClientSampleId :

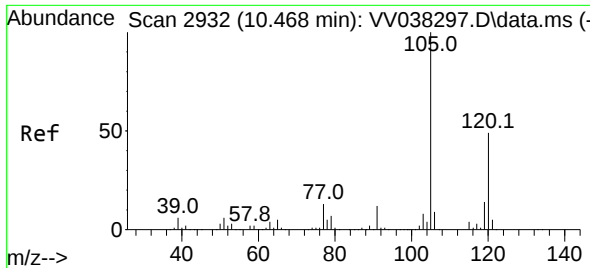
Tgt Ion:105 Resp: 383949
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.155 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038322.D
Acq: 24 Nov 2024 11:07

Tgt Ion: 75 Resp: 51333
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 39.5 32.3 48.5

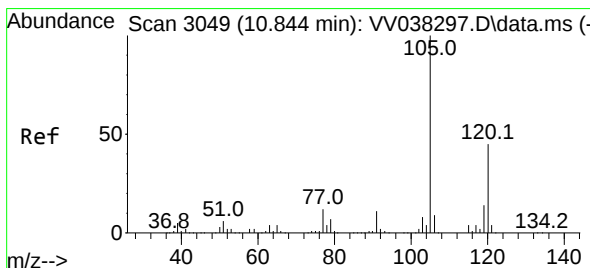
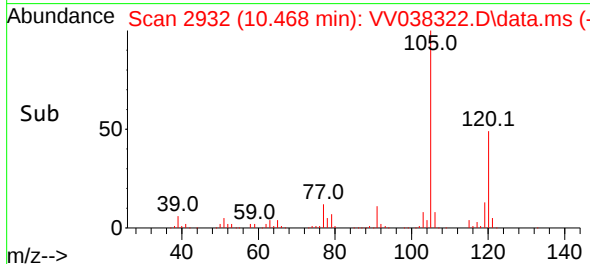
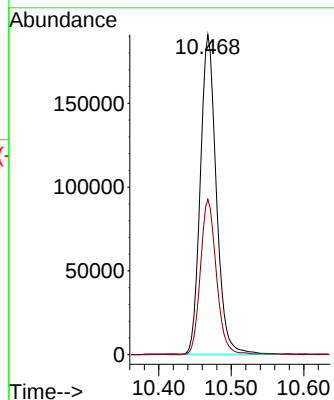
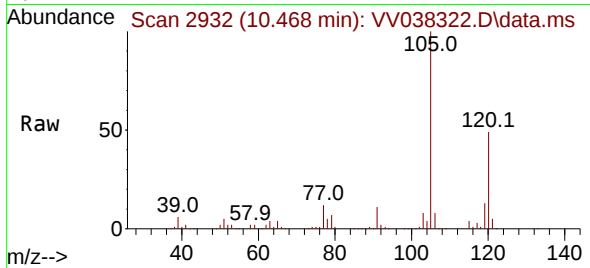




#62
 1,3,5-Trimethylbenzene
 Concen: 4.414 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038322.D
 Acq: 24 Nov 2024 11:07

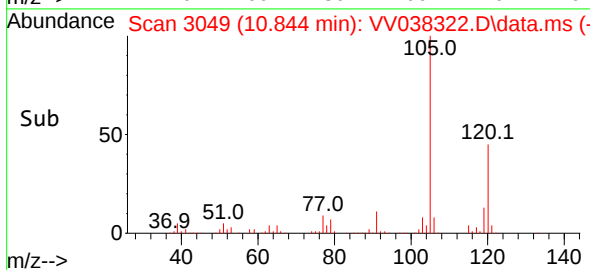
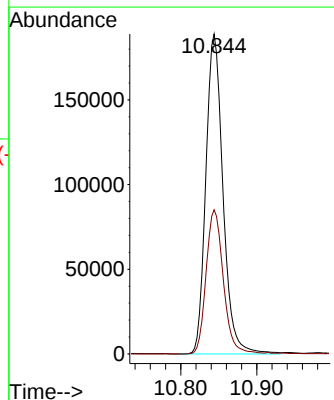
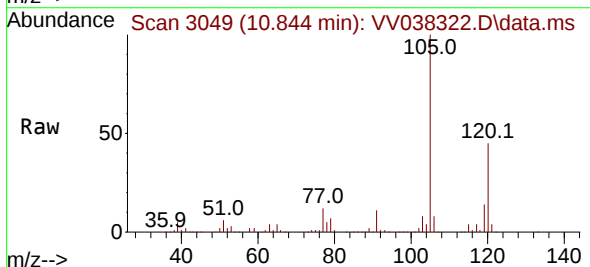
Instrument :
 MSVOA_V
 ClientSampleId :

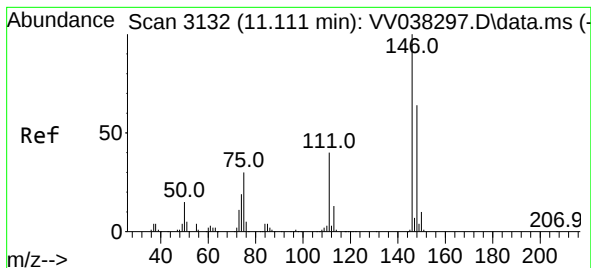
Tgt Ion:105 Resp: 291111
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.502 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038322.D
 Acq: 24 Nov 2024 11:07

Tgt Ion:105 Resp: 296071
 Ion Ratio Lower Upper
 105 100
 120 45.3 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.568 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

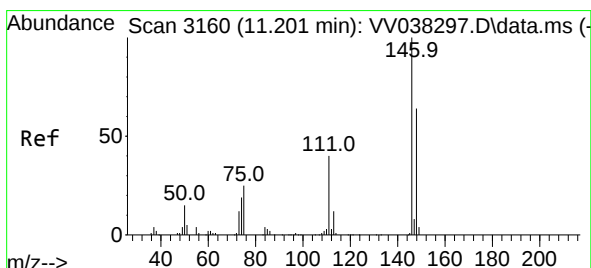
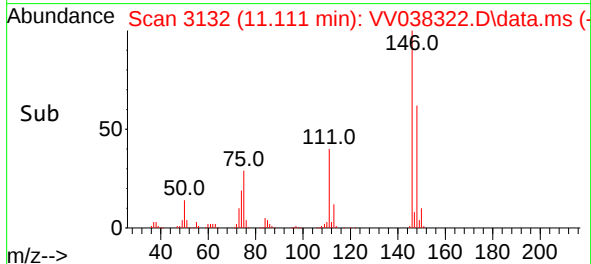
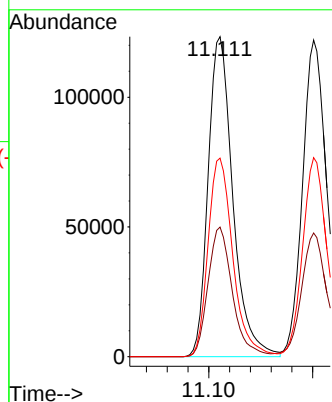
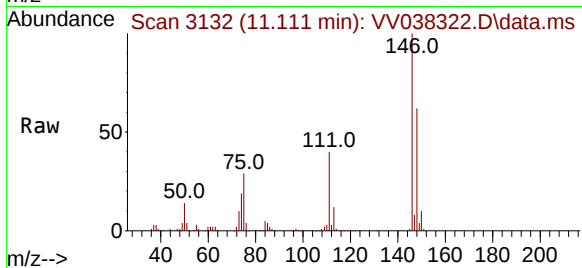
Tgt Ion:146 Resp: 203849

Ion Ratio Lower Upper

146 100

111 40.5 28.2 52.4

148 62.1 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.538 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

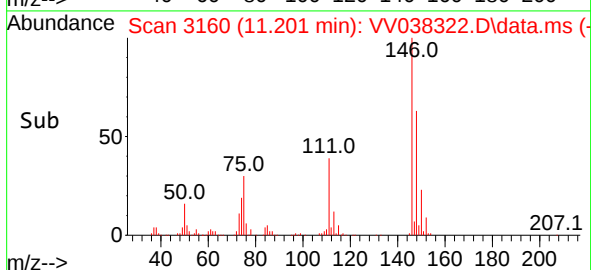
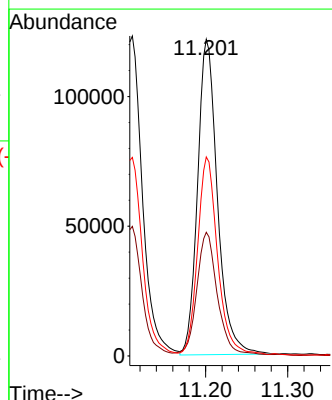
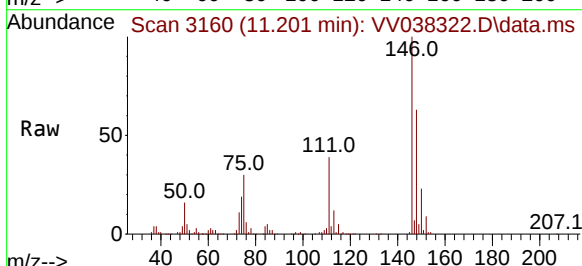
Tgt Ion:146 Resp: 204714

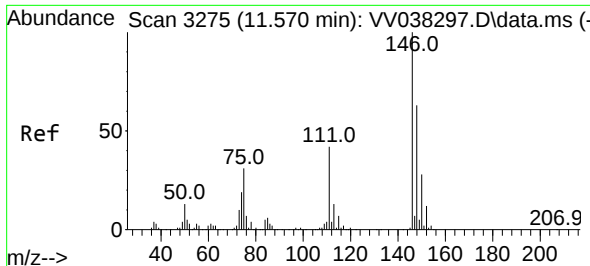
Ion Ratio Lower Upper

146 100

111 39.0 27.4 50.8

148 62.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.379 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

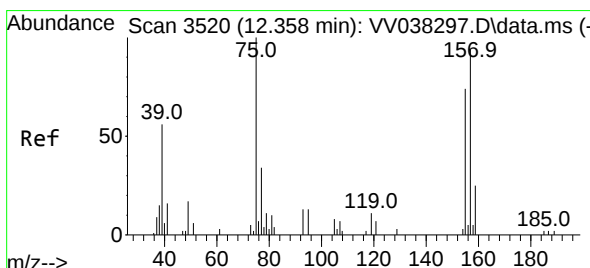
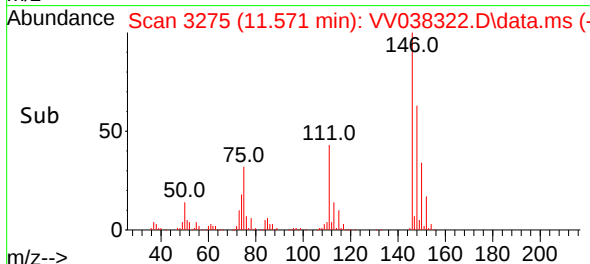
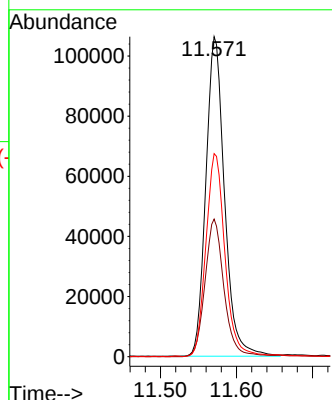
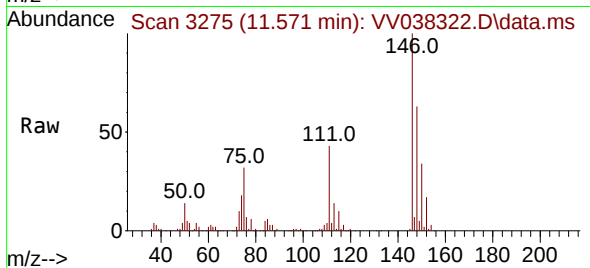
Tgt Ion:146 Resp: 180878

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.2

148 63.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.899 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

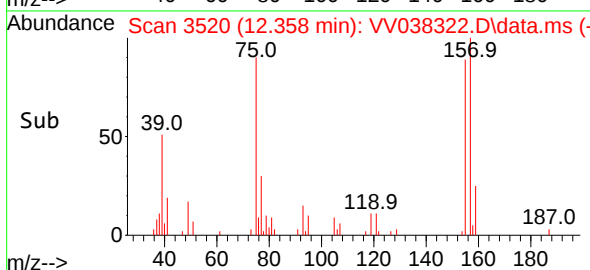
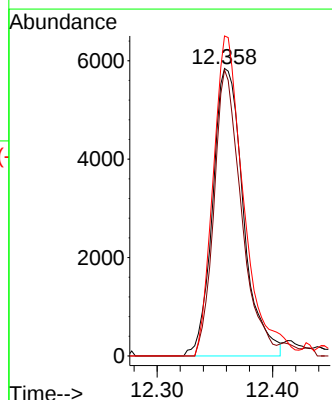
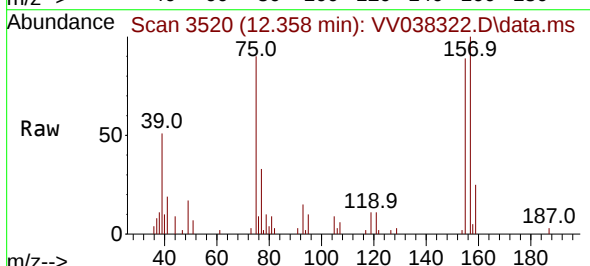
Tgt Ion: 75 Resp: 10813

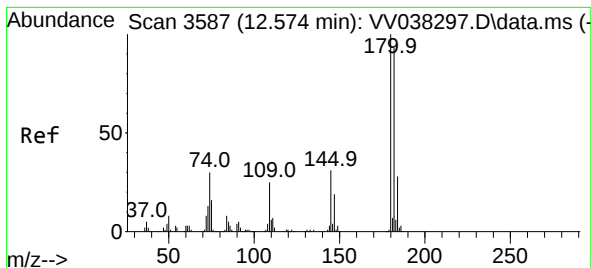
Ion Ratio Lower Upper

75 100

155 99.5 67.5 101.3

157 111.3 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.288 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 135545

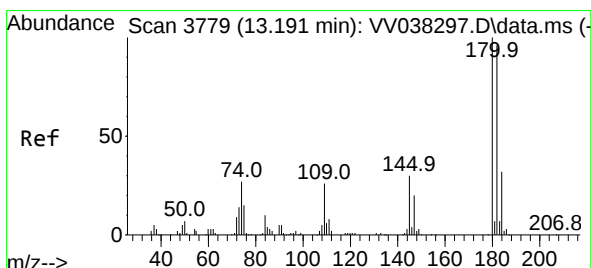
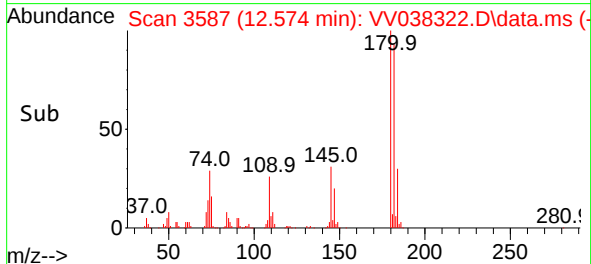
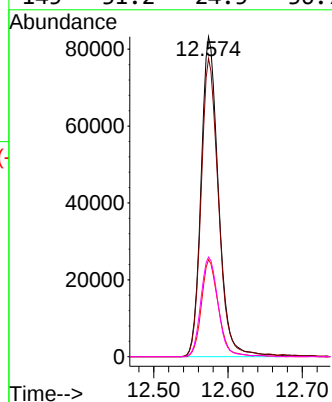
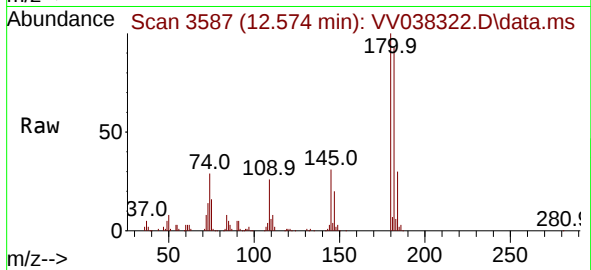
Ion Ratio Lower Upper

180 100

182 93.1 76.0 114.0

184 29.2 23.7 35.5

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.053 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

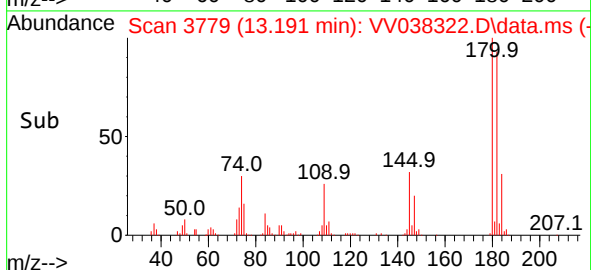
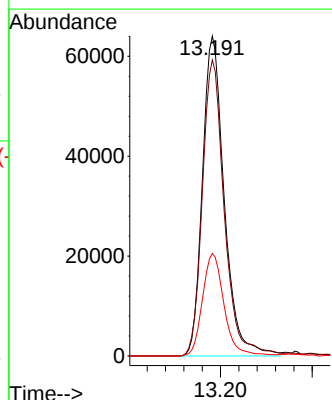
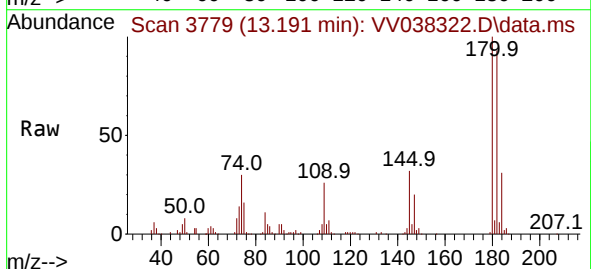
Tgt Ion:180 Resp: 105906

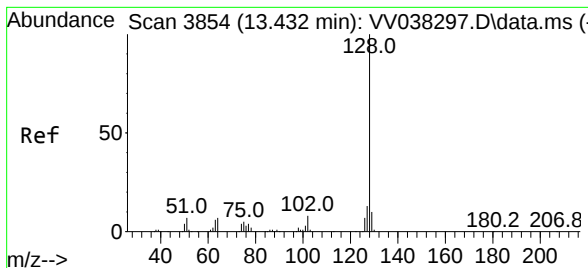
Ion Ratio Lower Upper

180 100

182 93.0 73.8 110.8

145 31.6 24.6 37.0





#71

Naphthalene

Concen: 3.626 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Instrument :

MSVOA_V

ClientSampleId :

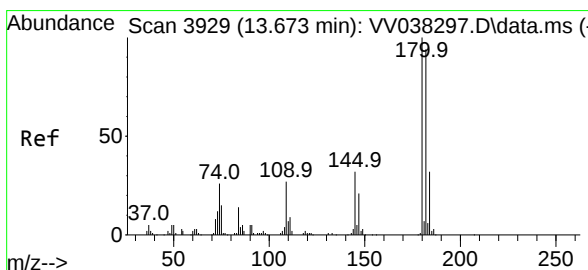
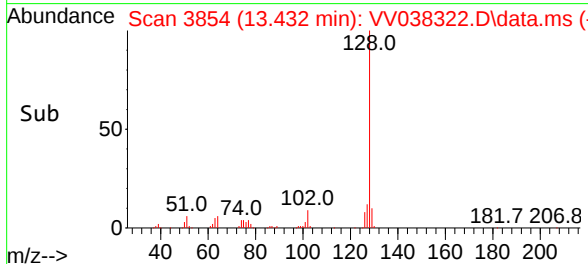
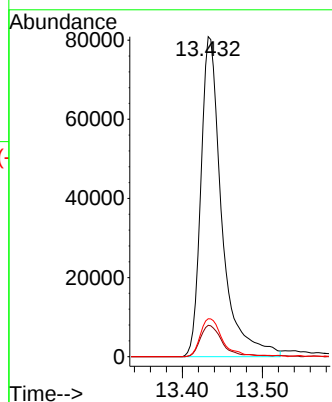
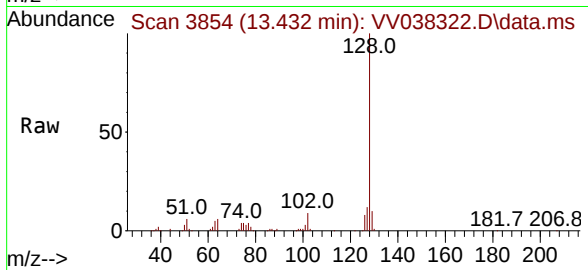
Tgt Ion:128 Resp: 147373

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.5 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.040 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038322.D

Acq: 24 Nov 2024 11:07

Tgt Ion:180 Resp: 97537

Ion Ratio Lower Upper

180 100

182 96.1 75.1 112.7

145 33.4 27.0 40.4

