

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034469.D
 Acq On : 29 Feb 2024 08:56
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 00:57:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	310737	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	291919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148927	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12853	5.287	ug/L	0.00
7) Chloroethane-d5	1.532	69	10586	5.446	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	5887	5.507	ug/L	0.00
21) 2-Butanone-d5	3.825	46	8190	4.847	ug/L	0.04
24) Chloroform-d	4.252	84	23651	5.388	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	14558	5.110	ug/L	0.00
32) Benzene-d6	4.963	84	41430	4.922	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	15524	5.718	ug/L	0.00
41) Toluene-d8	7.246	98	38034	5.019	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	6076	4.495	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	10833	9.116	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17129	4.874	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	15061	5.259	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	16755	6.052	ug/L	98
3) Chloromethane	1.217	50	17080	5.653	ug/L	99
5) Vinyl chloride	1.285	62	16060	5.535	ug/L	98
6) Bromomethane	1.487	94	9824	6.331	ug/L	98
8) Chloroethane	1.548	64	10427	6.036	ug/L	100
9) Trichlorofluoromethane	1.712	101	23927	6.559	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	13358	6.350	ug/L	99
12) 1,1-Dichloroethene	2.069	96	12068	6.123	ug/L	93
13) Acetone	2.124	43	24709	14.732	ug/L	100
14) Carbon disulfide	2.243	76	32553	5.082	ug/L	97
15) Methyl Acetate	2.381	43	13488	5.142	ug/L	96
16) Methylene chloride	2.449	84	12709	5.444	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	11355	5.318	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	40225	5.241	ug/L	97
19) 1,1-Dichloroethane	3.111	63	22432	5.191	ug/L	96
20) cis-1,2-Dichloroethene	3.821	96	12464	5.262	ug/L	86
22) 2-Butanone	3.905	43	13282	6.828	ug/L #	75
23) Bromochloromethane	4.153	128	6361	5.439	ug/L #	93
25) Chloroform	4.281	83	24294	5.825	ug/L	91
27) 1,2-Dichloroethane	5.050	62	18591	5.340	ug/L	98
29) Cyclohexane	4.580	56	19623	4.801	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	21571	5.883	ug/L	98
31) Carbon tetrachloride	4.735	117	18924	6.014	ug/L	97
33) Benzene	5.011	78	44529	5.105	ug/L	100
34) Trichloroethene	5.837	95	13434	5.693	ug/L	98
35) Methylcyclohexane	6.046	83	19217	4.843	ug/L	98
37) 1,2-Dichloropropane	6.095	63	12074	5.102	ug/L	98
38) Bromodichloromethane	6.436	83	17149	5.426	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	17757	4.445	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	33278	9.464	ug/L	98
42) Toluene	7.317	91	46585	5.042	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	17050	4.657	ug/L	100

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 ClientSampleId :

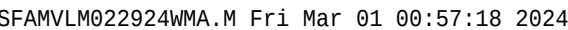
Quant Time: Mar 01 00:57:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
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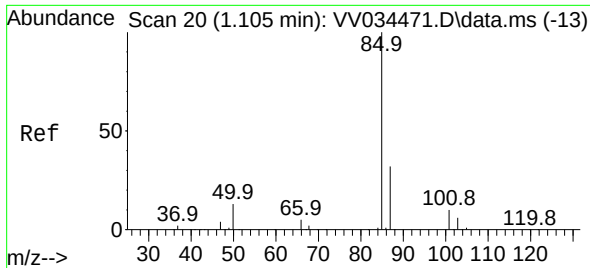
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	11542	5.303	ug/L	95
46) Tetrachloroethene	7.905	164	9555	5.487	ug/L	98
48) 2-Hexanone	8.085	43	25287	8.989	ug/L	98
49) Dibromochloromethane	8.178	129	11462	5.014	ug/L	89
50) 1,2-Dibromoethane	8.284	107	12266	5.319	ug/L #	95
51) Chlorobenzene	8.815	112	31622	5.394	ug/L	98
52) Ethylbenzene	8.947	91	52747	4.961	ug/L	98
53) m,p-Xylene	9.075	106	20771	5.302	ug/L	92
54) o-Xylene	9.477	106	19820	5.090	ug/L	97
55) Styrene	9.500	104	32132	4.795	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	17581	5.120	ug/L	91
59) Bromoform	9.667	173	7748	4.837	ug/L	95
60) Isopropylbenzene	9.866	105	52971	5.171	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	15027	5.587	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	43826	4.987	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	42567	4.885	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	24782	5.340	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	26044	5.596	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	24993	5.497	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3940	5.046	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	17724	5.154	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	15494	4.953	ug/L	93
71) Naphthalene	13.442	128	34799	4.195	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14781	5.004	ug/L	99

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

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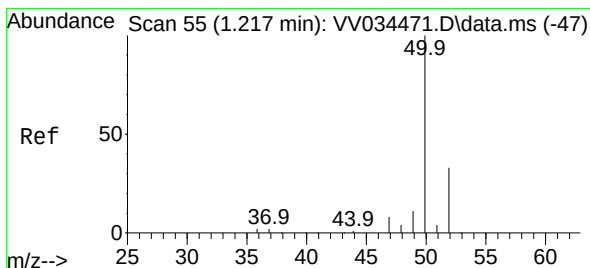
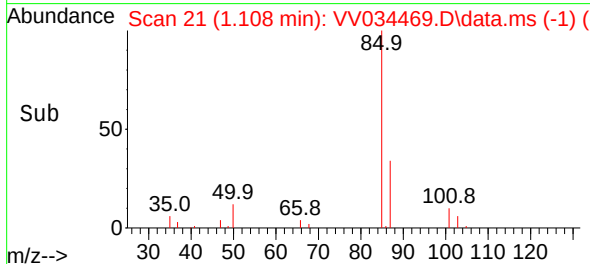
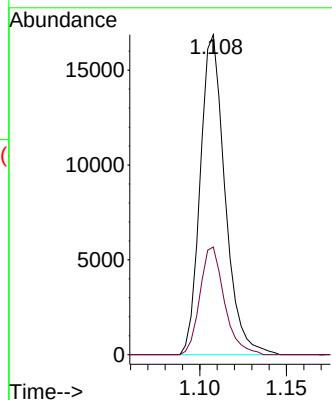
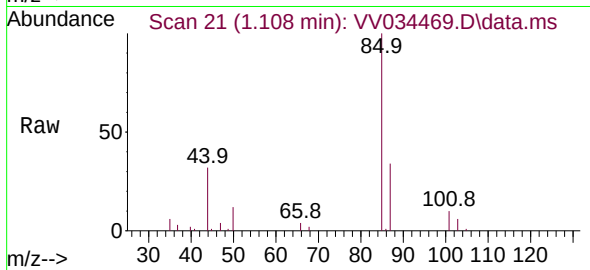




#2
 Dichlorodifluoromethane
 Concen: 6.052 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034469.D
 Acq: 29 Feb 2024 08:56

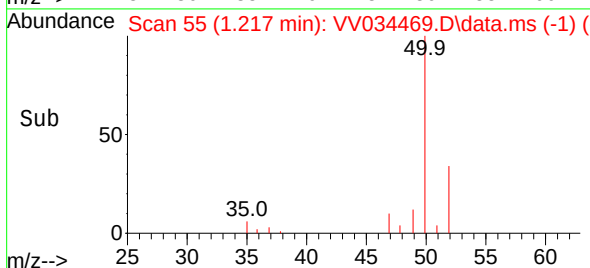
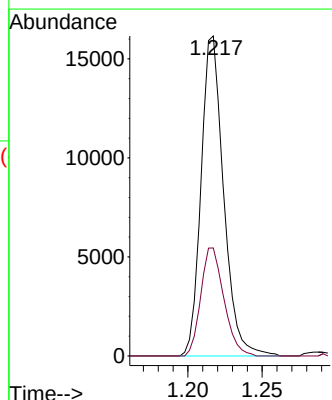
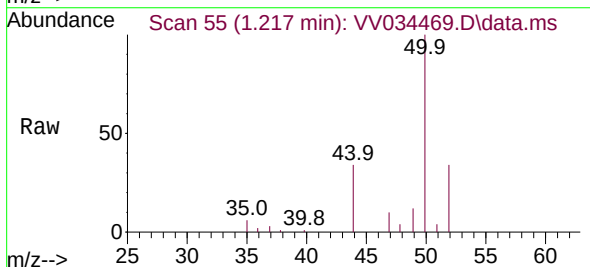
Instrument :
 MSVOA_V
 ClientSampleId :

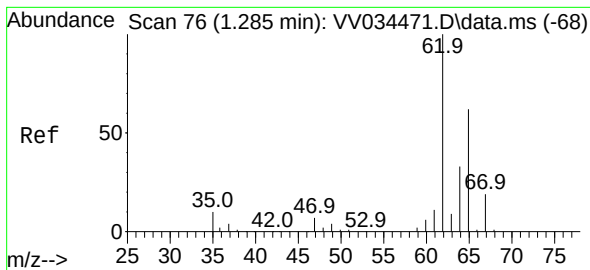
Tgt Ion: 85 Resp: 16755
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.5 38.3



#3
 Chloromethane
 Concen: 5.653 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034469.D
 Acq: 29 Feb 2024 08:56

Tgt Ion: 50 Resp: 17080
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.0 42.8





#5

Vinyl chloride

Concen: 5.535 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

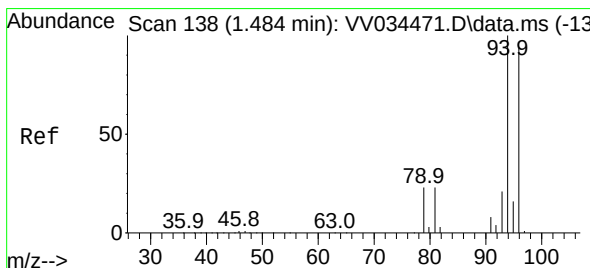
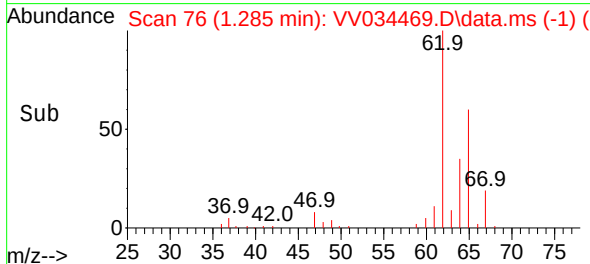
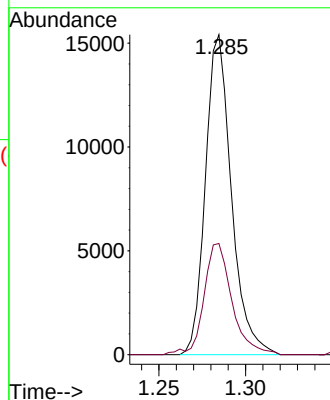
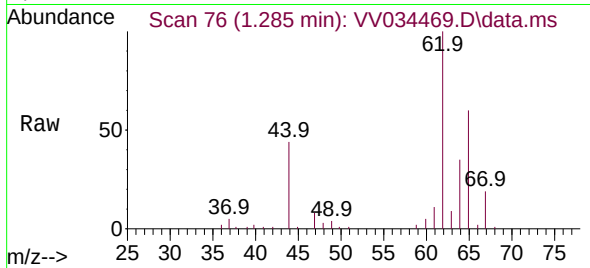
ClientSampleId :

Tgt Ion: 62 Resp: 16060

Ion Ratio Lower Upper

62 100

64 34.7 23.4 43.6



#6

Bromomethane

Concen: 6.331 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV034469.D

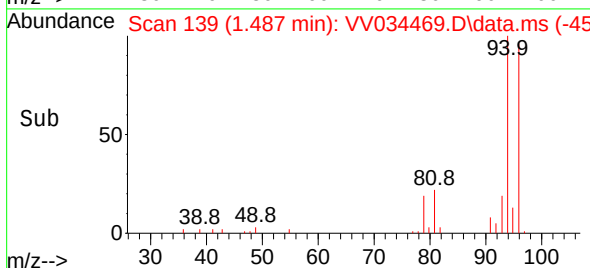
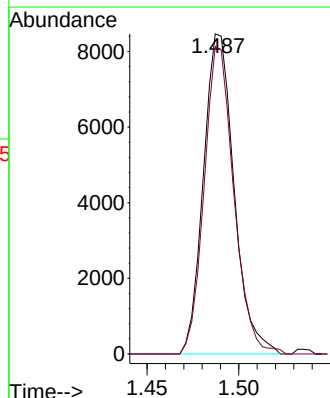
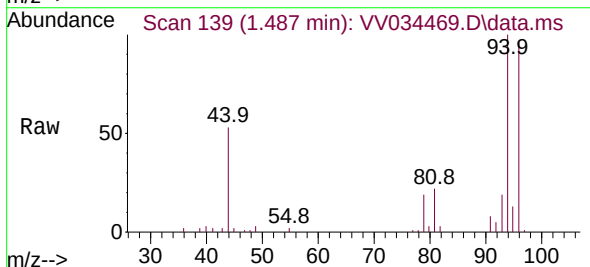
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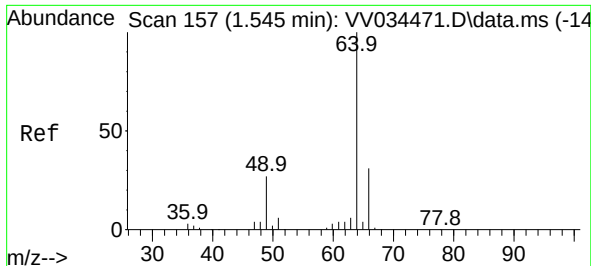
Tgt Ion: 94 Resp: 9824

Ion Ratio Lower Upper

94 100

96 96.1 66.0 122.6

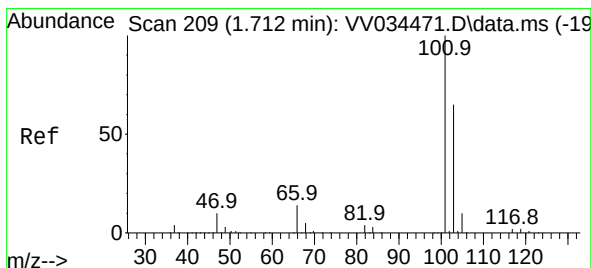
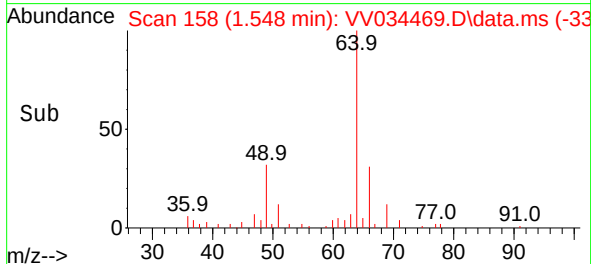
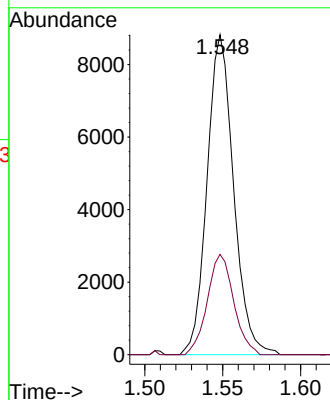
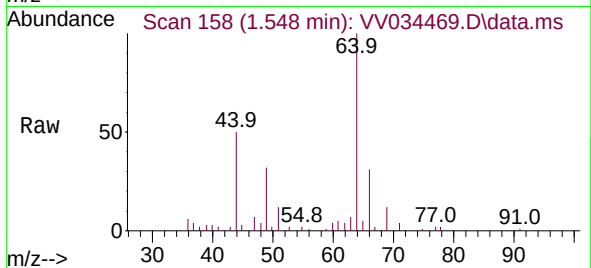




#8
Chloroethane
Concen: 6.036 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

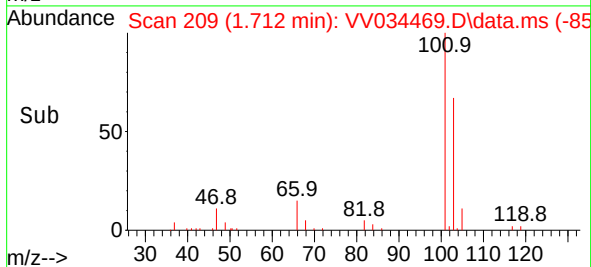
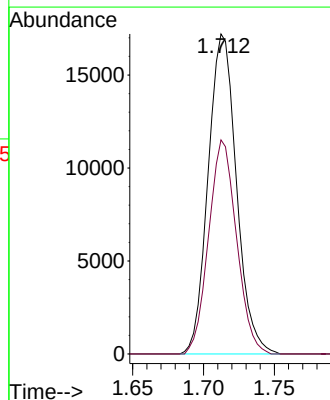
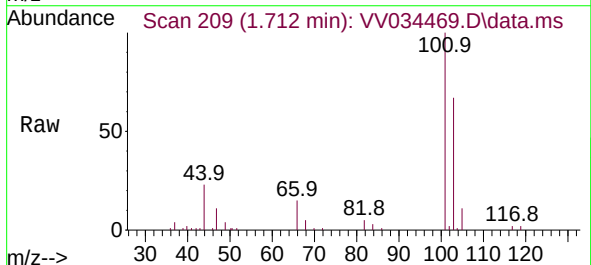
Instrument :
MSVOA_V
ClientSampleId :

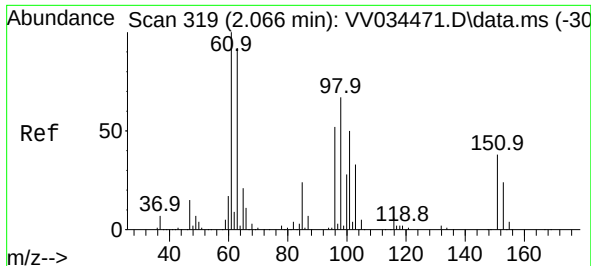
Tgt Ion: 64 Resp: 10427
Ion Ratio Lower Upper
64 100
66 31.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 6.559 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion:101 Resp: 23927
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

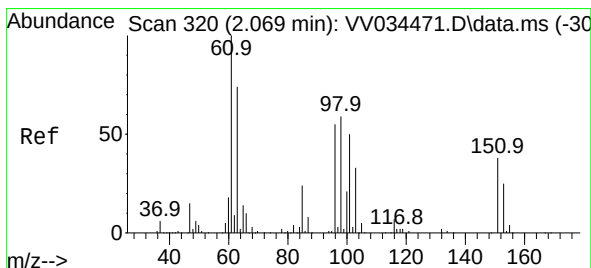
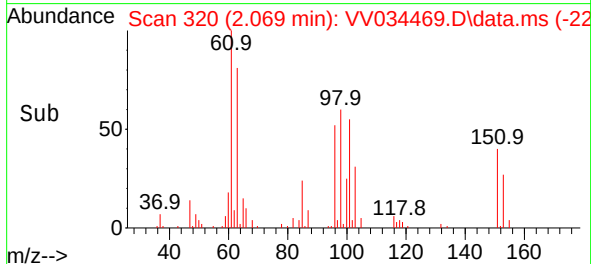
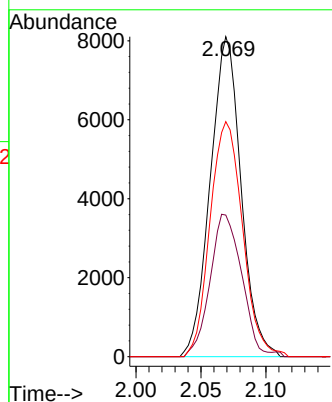
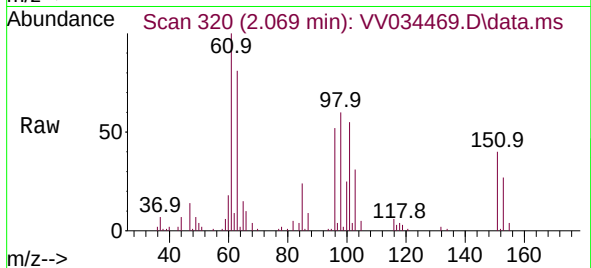




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.350 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

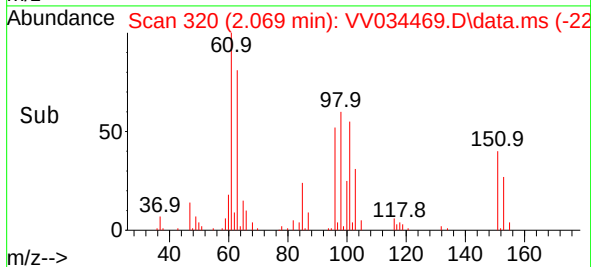
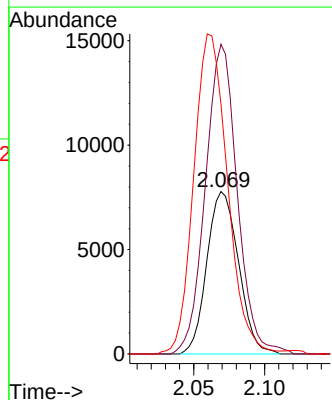
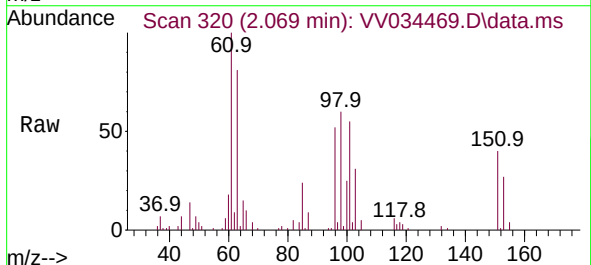
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MSVOA_V
ClientSampleId :

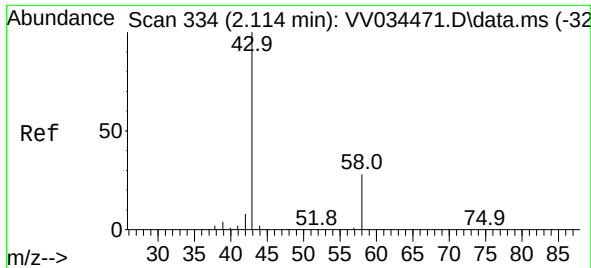
Tgt Ion:101 Resp: 13358
Ion Ratio Lower Upper
101 100
85 45.5 37.4 56.0
151 77.5 61.4 92.2



#12
1,1-Dichloroethene
Concen: 6.123 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 96 Resp: 12068
Ion Ratio Lower Upper
96 100
61 190.7 128.9 239.3
63 153.6 98.0 182.0





#13

Acetone

Concen: 14.732 ug/L

RT: 2.124 min Scan# 334

Delta R.T. 0.009 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

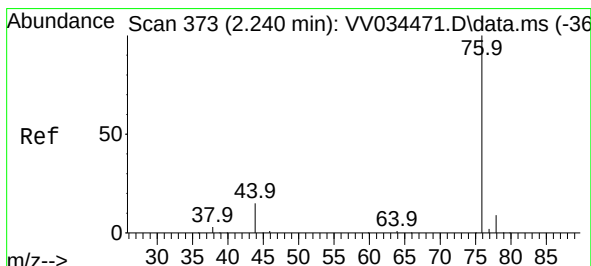
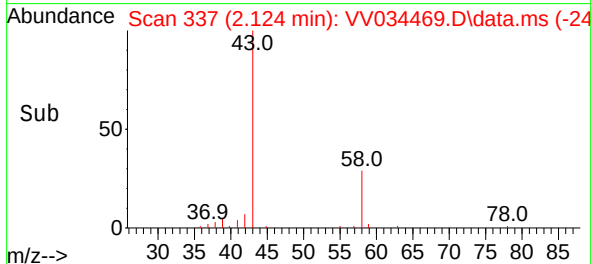
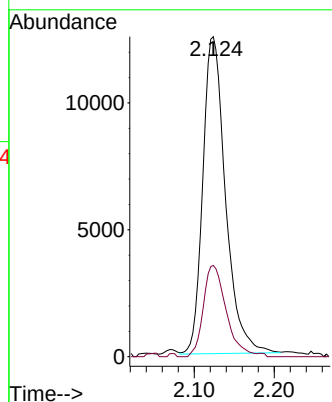
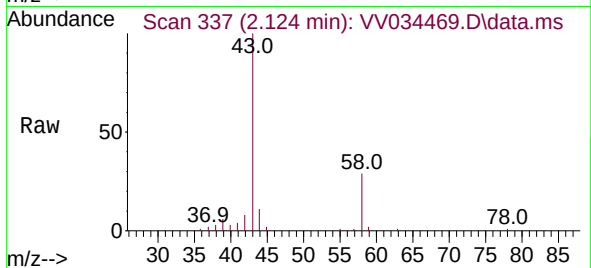
ClientSampleId :

Tgt Ion: 43 Resp: 24709

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.2



#14

Carbon disulfide

Concen: 5.082 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034469.D

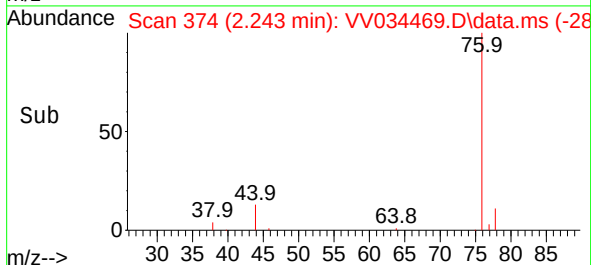
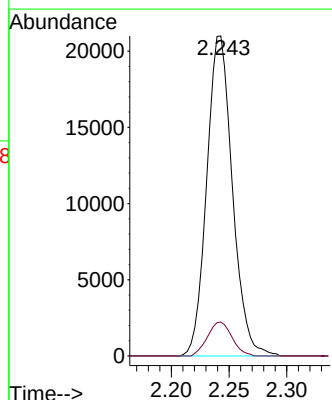
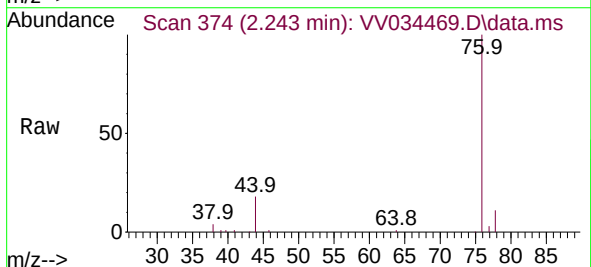
Acq: 29 Feb 2024 08:56

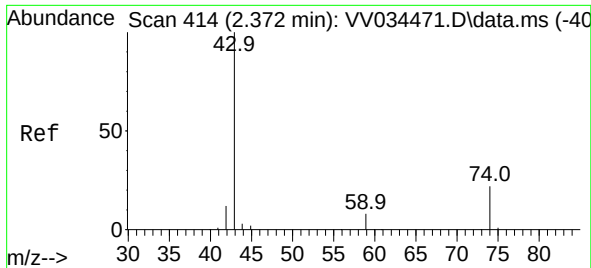
Tgt Ion: 76 Resp: 32553

Ion Ratio Lower Upper

76 100

78 10.6 7.5 11.3

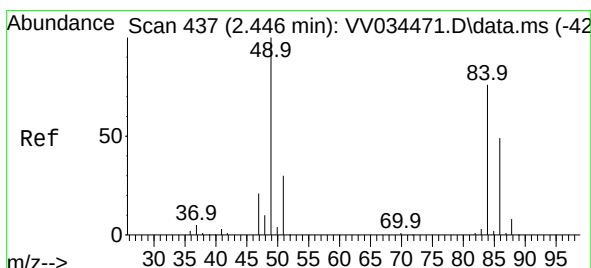
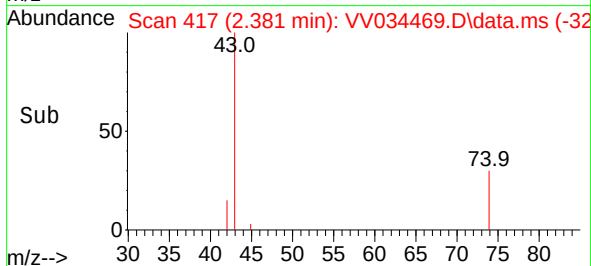
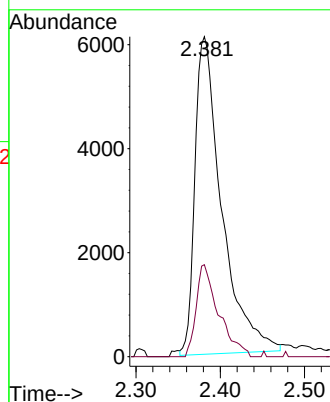
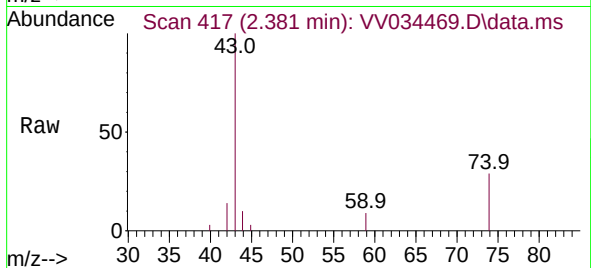




#15
Methyl Acetate
Concen: 5.142 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.009 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

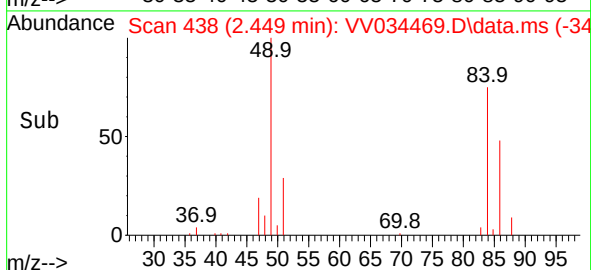
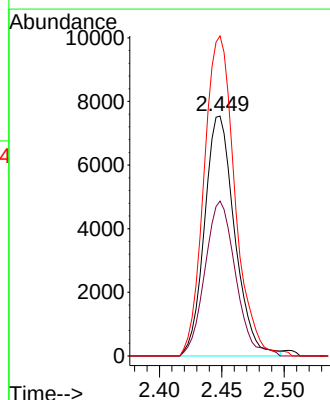
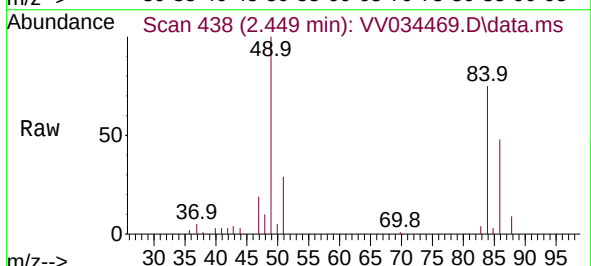
Instrument :
MSVOA_V
ClientSampleId :

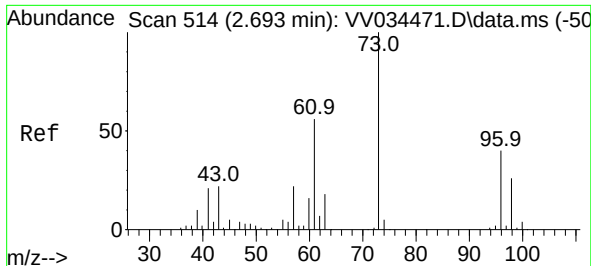
Tgt Ion: 43 Resp: 13488
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8



#16
Methylene chloride
Concen: 5.444 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 84 Resp: 12709
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 133.4 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 5.318 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

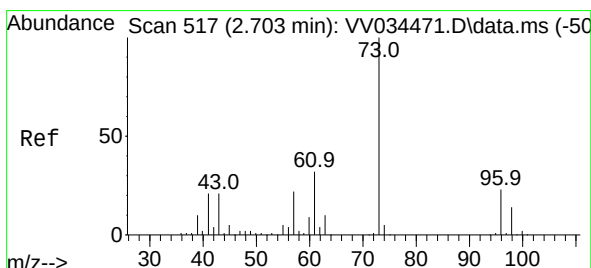
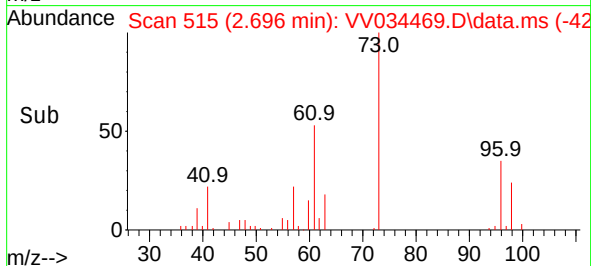
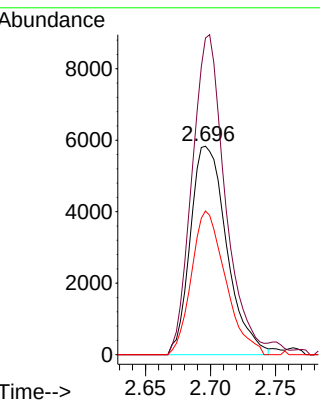
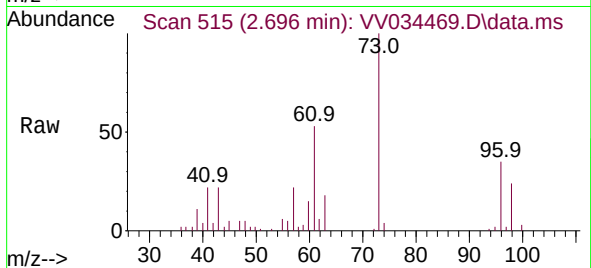
Tgt Ion: 96 Resp: 11355

Ion Ratio Lower Upper

96 100

61 151.9 98.8 183.4

98 68.9 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 5.241 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

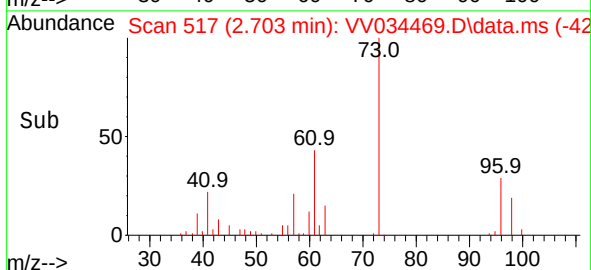
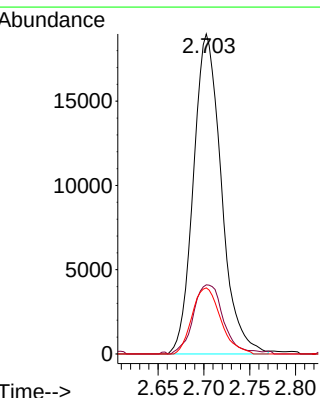
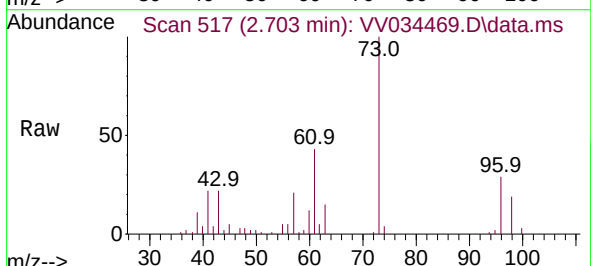
Tgt Ion: 73 Resp: 40225

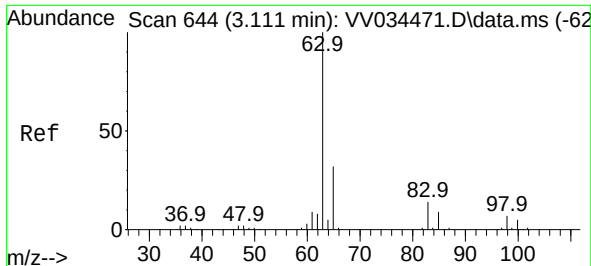
Ion Ratio Lower Upper

73 100

43 23.3 17.1 25.7

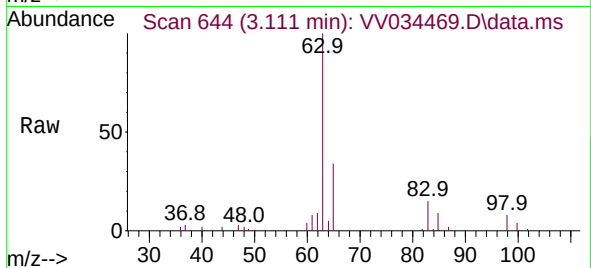
57 21.2 17.6 26.4





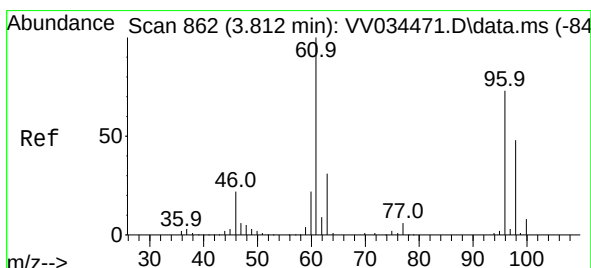
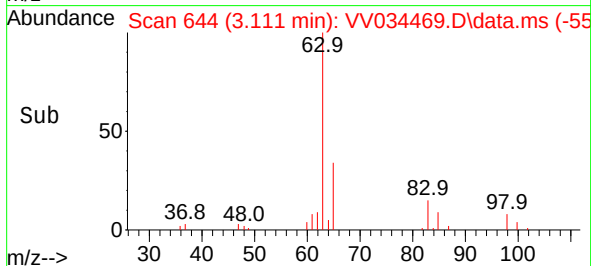
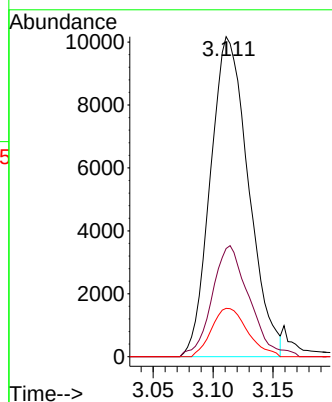
#19
1,1-Dichloroethane
Concen: 5.191 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 22432

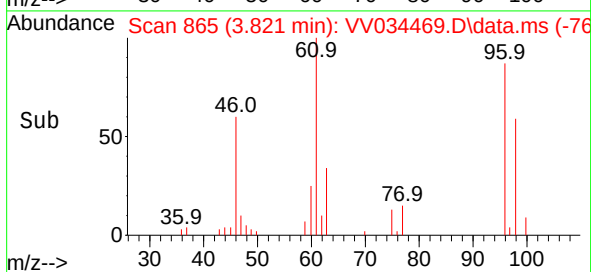
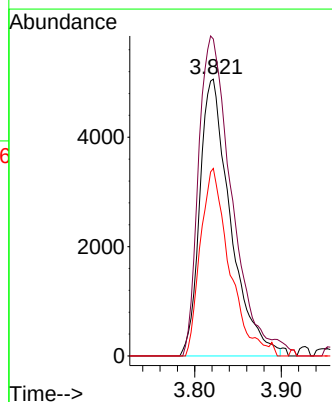
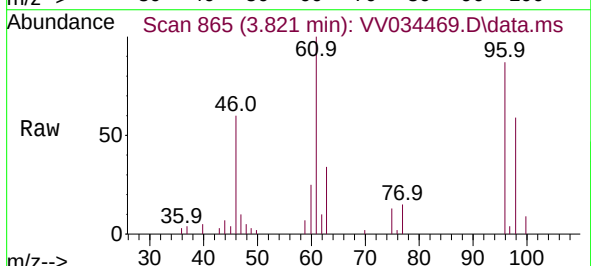
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.1	41.1
83	15.1	9.9	18.3

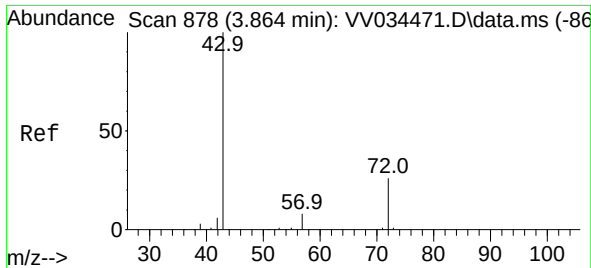


#20
cis-1,2-Dichloroethene
Concen: 5.262 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.009 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 96 Resp: 12464

Ion	Ratio	Lower	Upper
96	100		
61	114.5	96.0	178.4
98	67.8	46.0	85.4

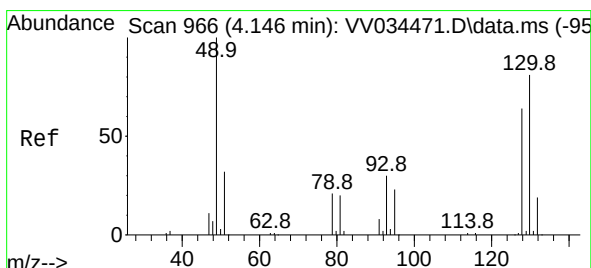
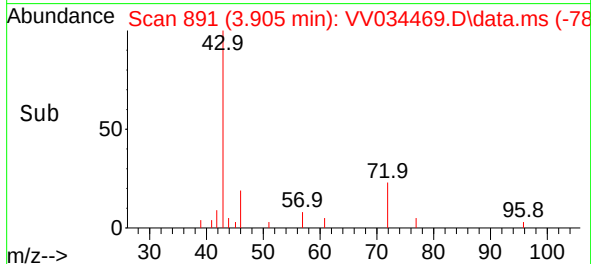
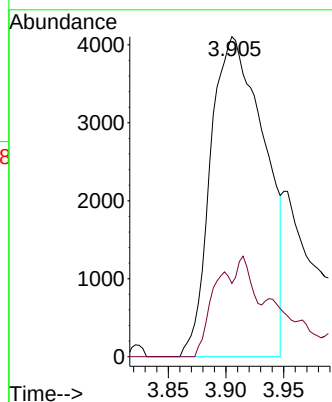
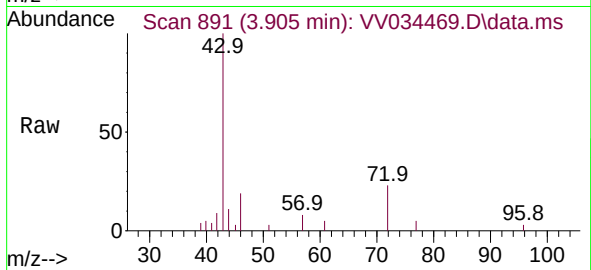




#22
2-Butanone
Concen: 6.828 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.042 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

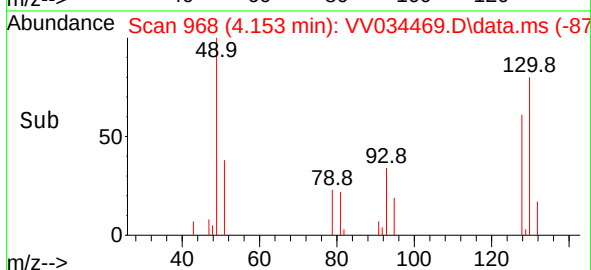
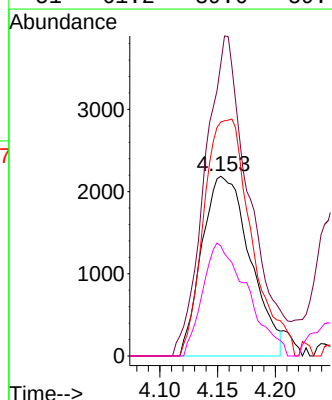
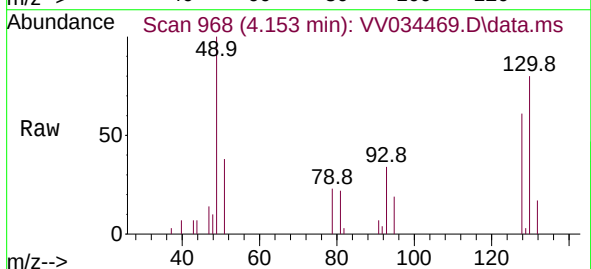
Instrument :
MSVOA_V
ClientSampleId :

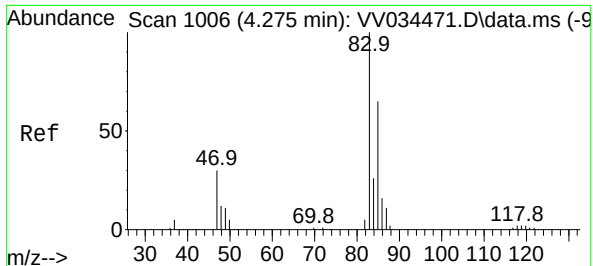
Tgt Ion: 43 Resp: 13282
Ion Ratio Lower Upper
43 100
72 10.8 11.5 34.4#



#23
Bromochloromethane
Concen: 5.439 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.006 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion:128 Resp: 6361
Ion Ratio Lower Upper
128 100
49 162.9 109.4 203.2
130 130.2 87.7 162.9
51 61.2 39.6 59.4#





#25

Chloroform

Concen: 5.825 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

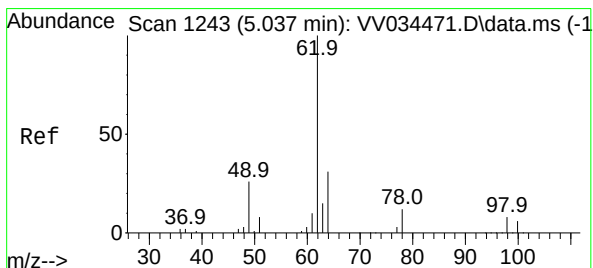
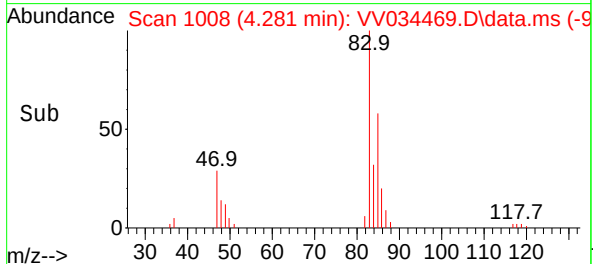
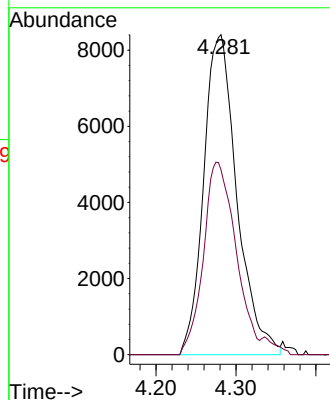
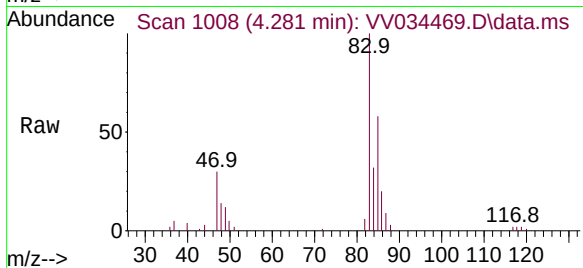
ClientSampleId :

Tgt Ion: 83 Resp: 24294

Ion Ratio Lower Upper

83 100

85 57.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.340 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV034469.D

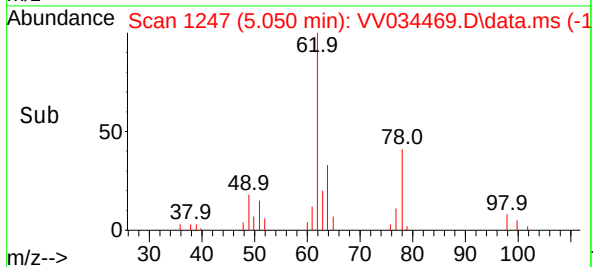
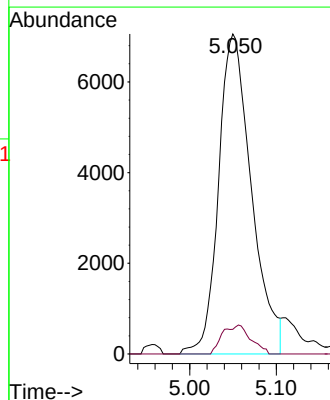
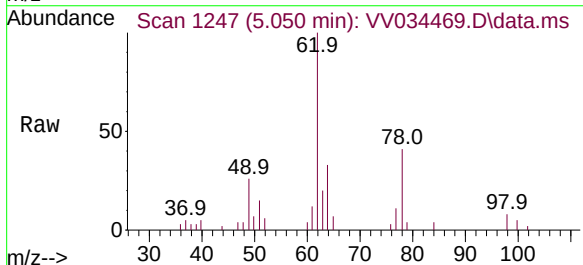
Acq: 29 Feb 2024 08:56

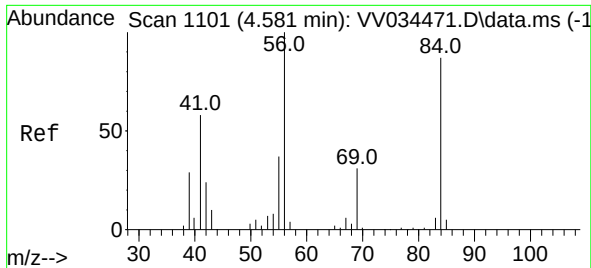
Tgt Ion: 62 Resp: 18591

Ion Ratio Lower Upper

62 100

98 7.7 6.6 10.0





#29

Cyclohexane

Concen: 4.801 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

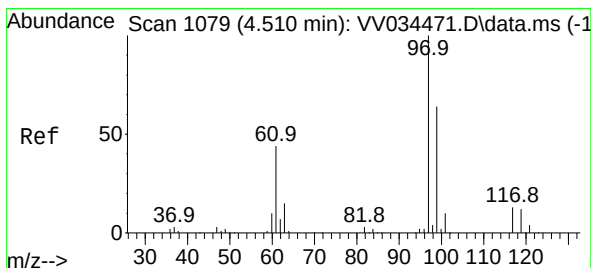
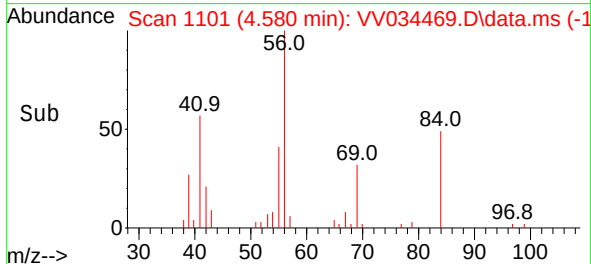
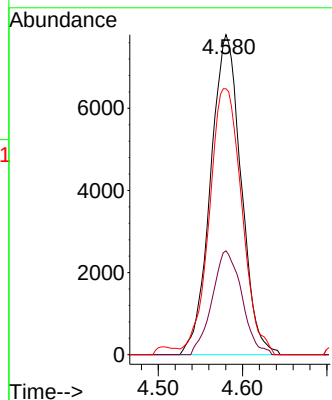
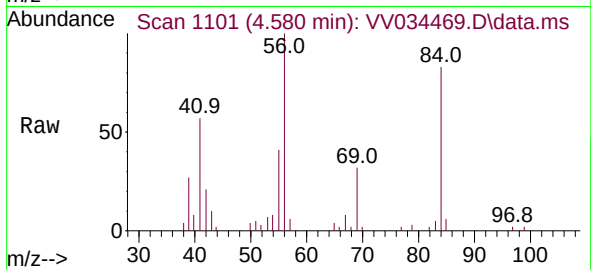
Tgt Ion: 56 Resp: 19623

Ion Ratio Lower Upper

56 100

69 31.5 24.2 36.4

84 88.4 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 5.883 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

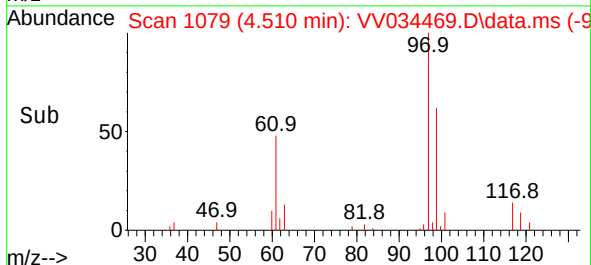
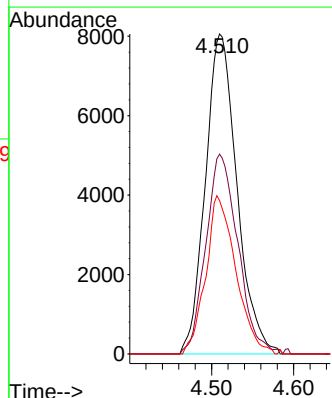
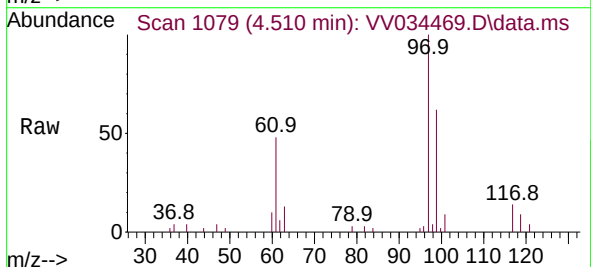
Tgt Ion: 97 Resp: 21571

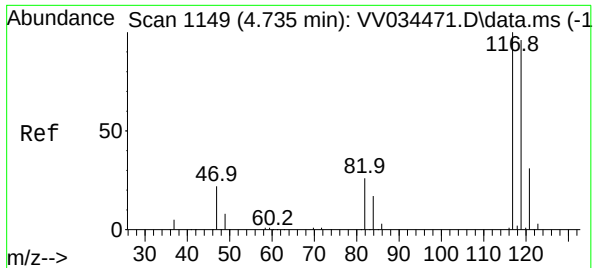
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 47.1 36.0 54.0

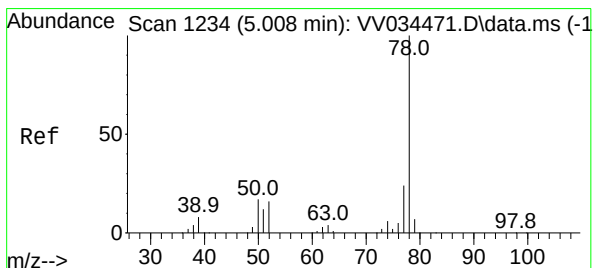
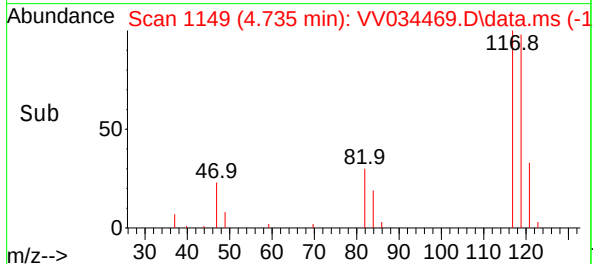
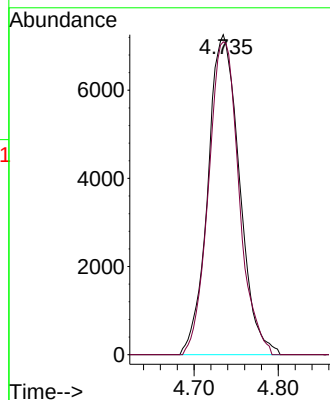
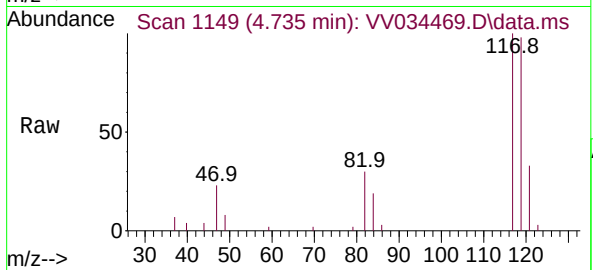




#31
Carbon tetrachloride
Concen: 6.014 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

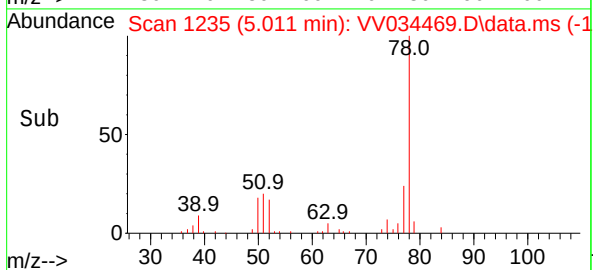
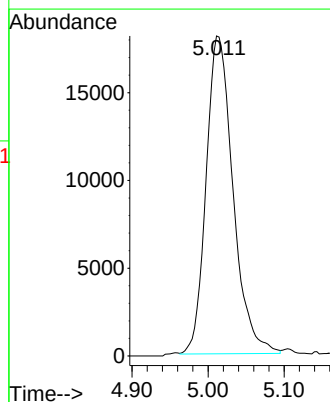
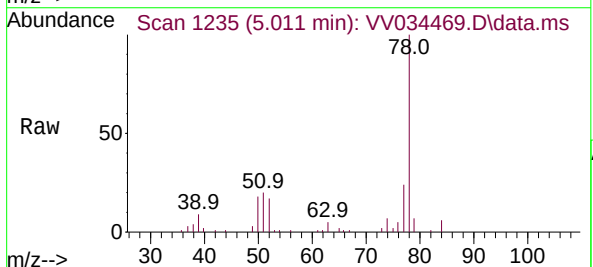
Instrument :
MSVOA_V
ClientSampleId :

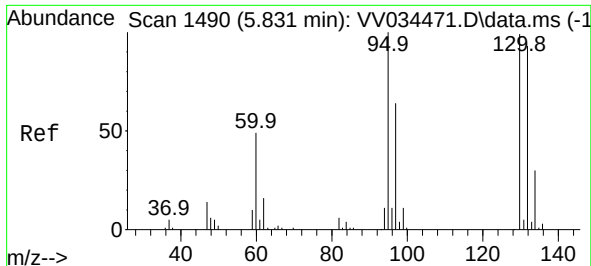
Tgt Ion:117 Resp: 18924
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3



#33
Benzene
Concen: 5.105 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 78 Resp: 44529

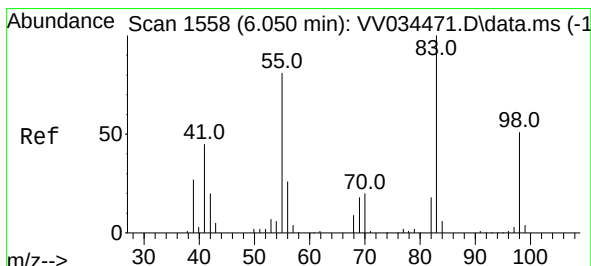
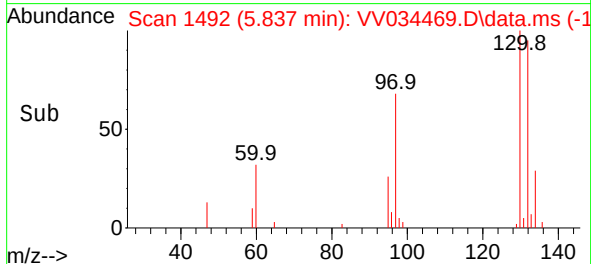
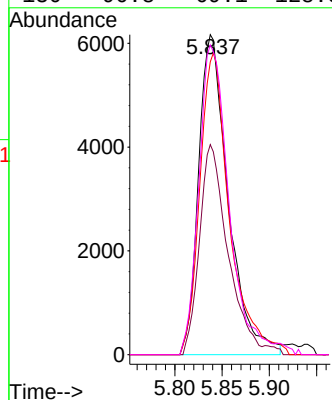
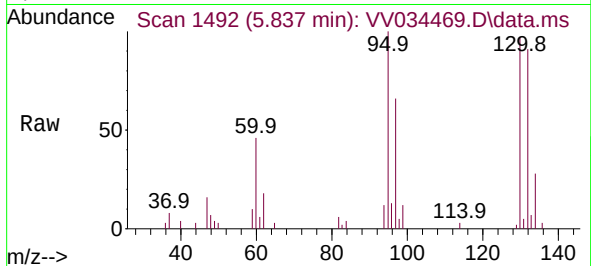




#34
Trichloroethene
Concen: 5.693 ug/L
RT: 5.837 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

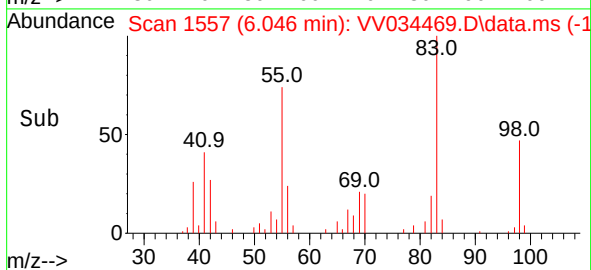
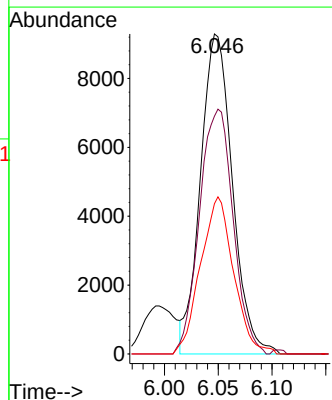
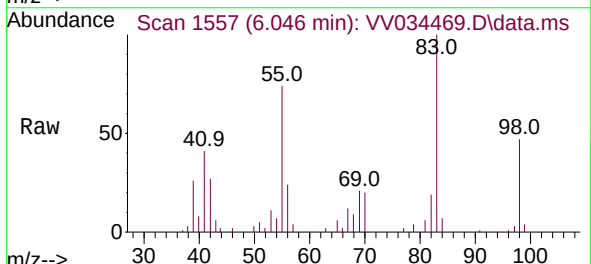
Instrument :
MSVOA_V
ClientSampleId :

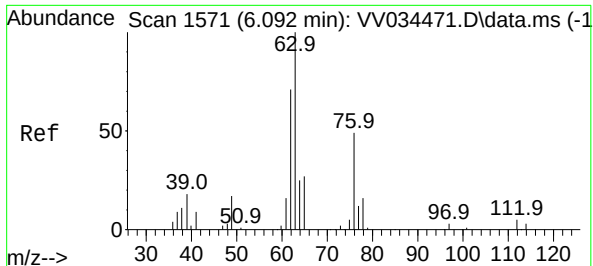
Tgt Ion: 95 Resp: 13434
Ion Ratio Lower Upper
95 100
97 65.7 44.7 83.1
132 91.5 65.3 121.3
130 96.8 69.1 128.3



#35
Methylcyclohexane
Concen: 4.843 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 83 Resp: 19217
Ion Ratio Lower Upper
83 100
55 80.6 62.6 94.0
98 50.8 39.5 59.3

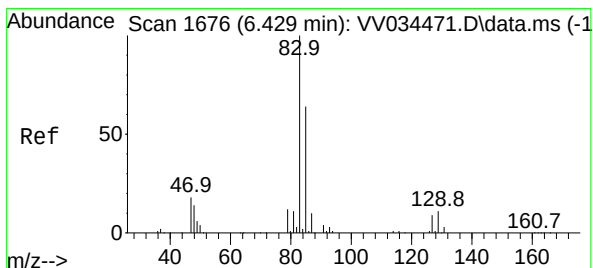
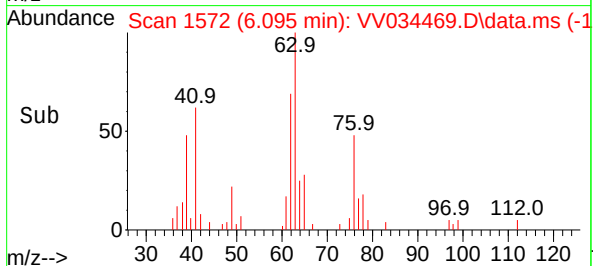
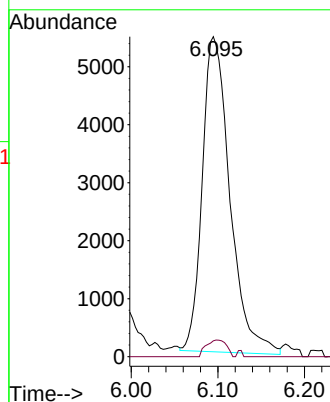
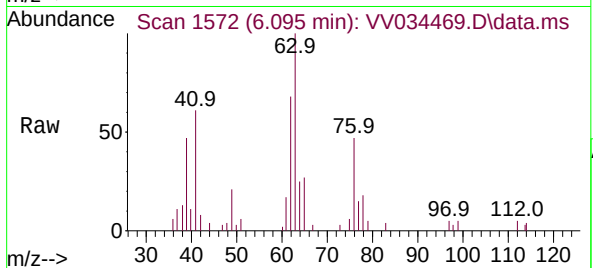




#37
1,2-Dichloropropane
Concen: 5.102 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

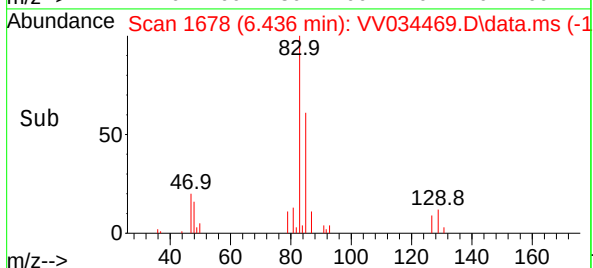
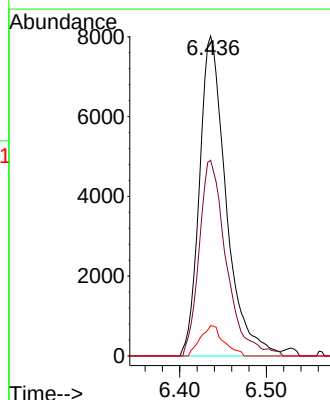
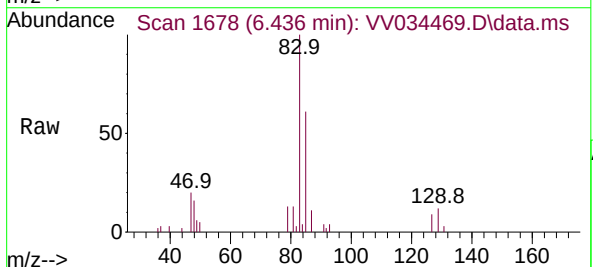
Instrument :
MSVOA_V
ClientSampleId :

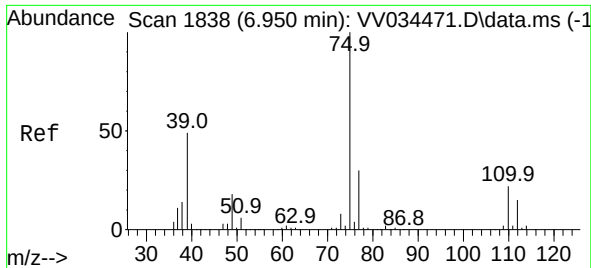
Tgt Ion: 63 Resp: 12074
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 5.426 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 83 Resp: 17149
Ion Ratio Lower Upper
83 100
85 61.2 44.6 82.8
127 9.4 6.9 10.3

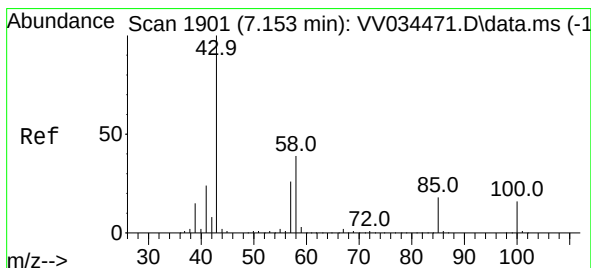
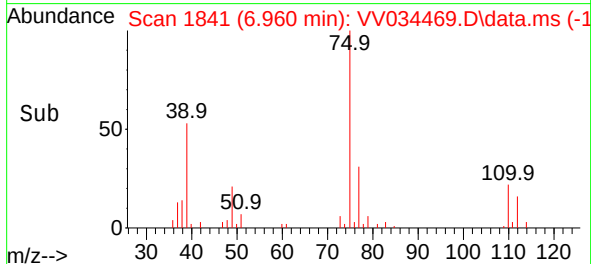
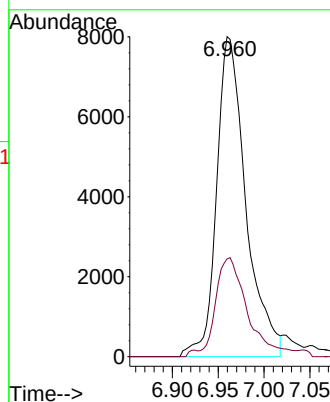
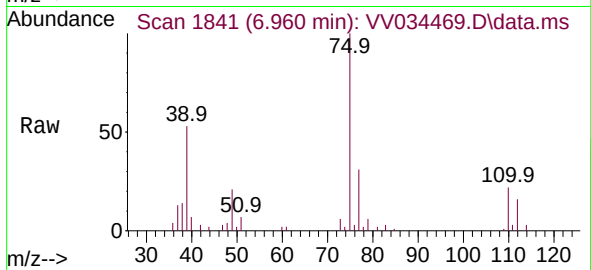




#39
 cis-1,3-Dichloropropene
 Concen: 4.445 ug/L
 RT: 6.960 min Scan# 11
 Delta R.T. 0.009 min
 Lab File: VV034469.D
 Acq: 29 Feb 2024 08:56

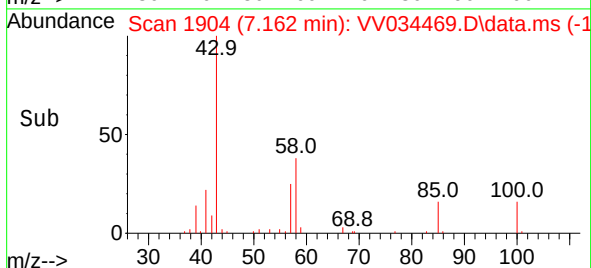
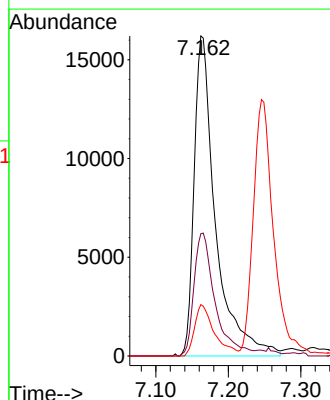
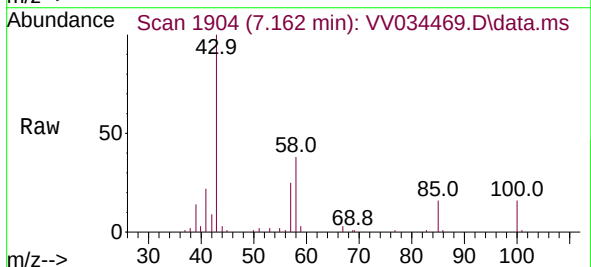
Instrument :
 MSVOA_V
 ClientSampleId :

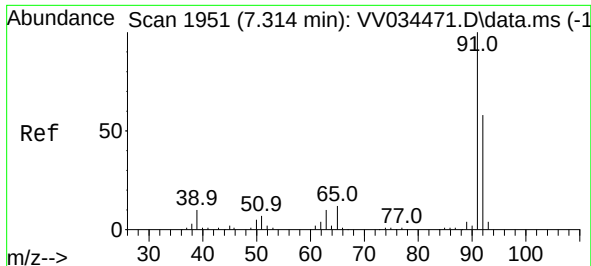
Tgt Ion: 75 Resp: 17757
 Ion Ratio Lower Upper
 75 100
 77 30.6 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 9.464 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.009 min
 Lab File: VV034469.D
 Acq: 29 Feb 2024 08:56

Tgt Ion: 43 Resp: 33278
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.6 46.0
 100 14.8 12.5 18.7





#42

Toluene

Concen: 5.042 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

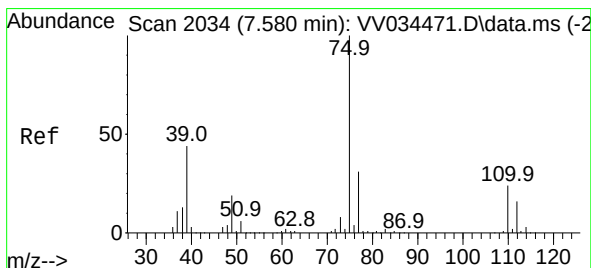
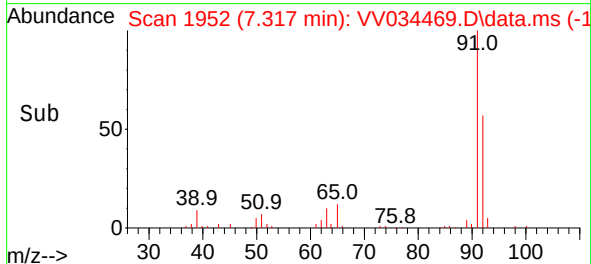
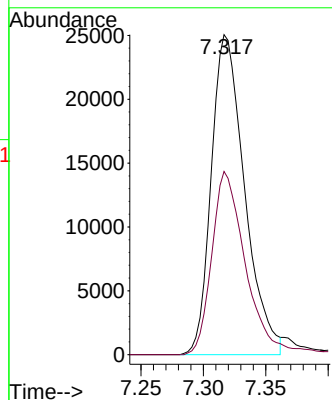
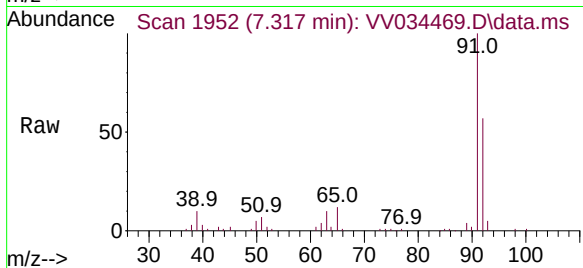
ClientSampleId :

Tgt Ion: 91 Resp: 46585

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.657 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.009 min

Lab File: VV034469.D

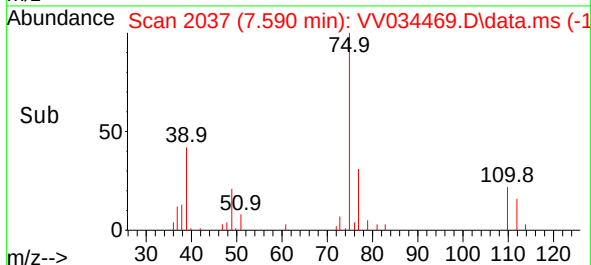
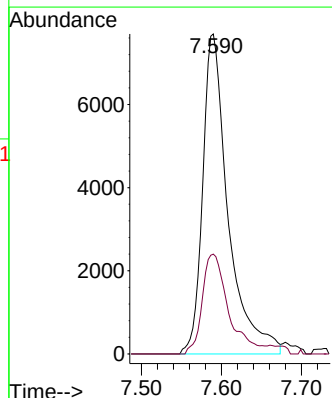
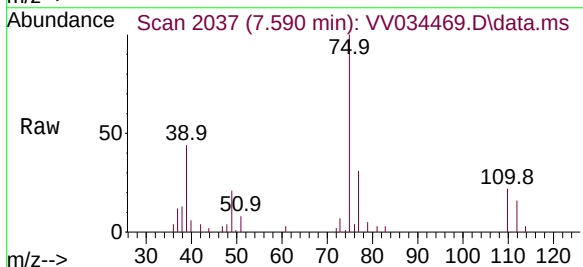
Acq: 29 Feb 2024 08:56

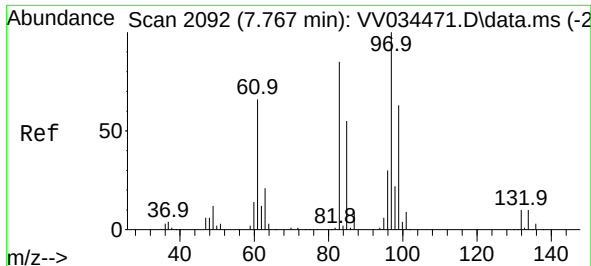
Tgt Ion: 75 Resp: 17050

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4

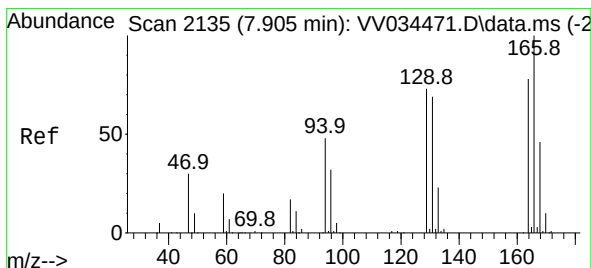
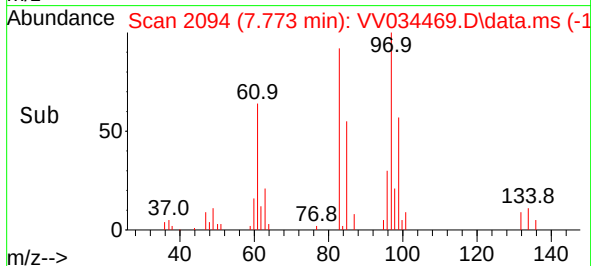
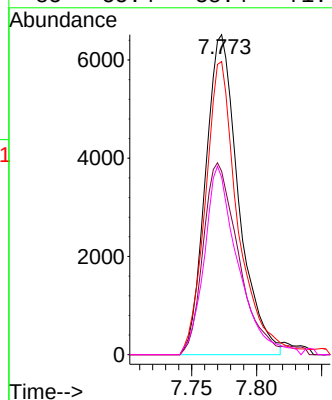
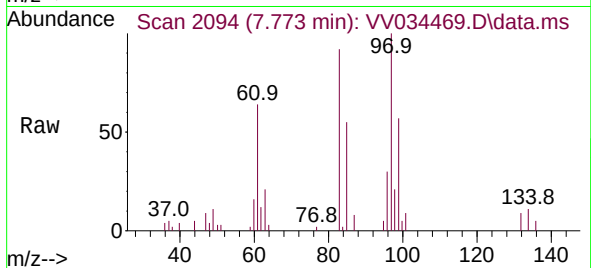




#45
1,1,2-Trichloroethane
Concen: 5.303 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.006 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

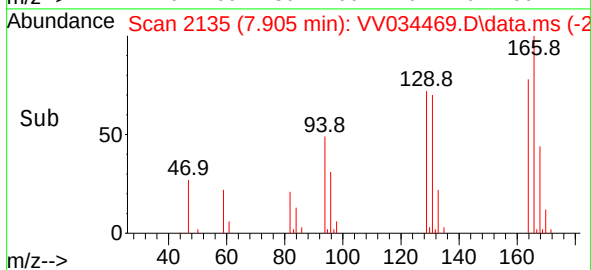
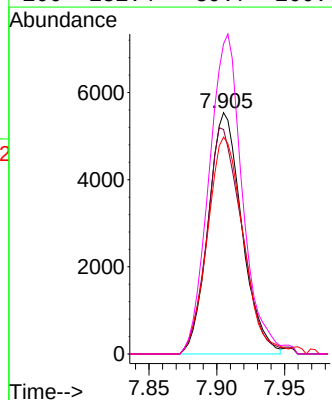
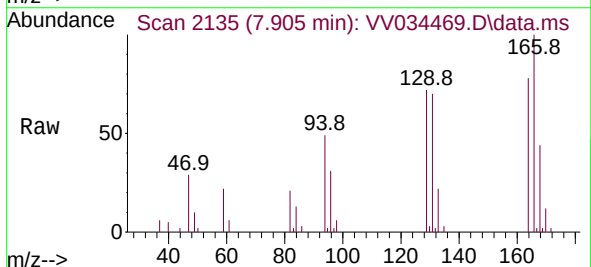
Instrument :
MSVOA_V
ClientSampleId :

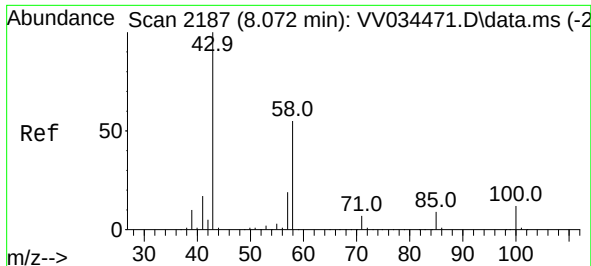
Tgt Ion:	97	Resp:	11542
Ion	Ratio	Lower	Upper
97	100		
99	57.3	43.8	81.4
83	91.6	59.4	110.2
85	55.4	38.4	71.4



#46
Tetrachloroethene
Concen: 5.487 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

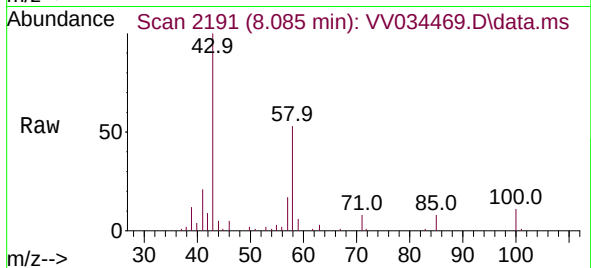
Tgt Ion:	164	Resp:	9555
Ion	Ratio	Lower	Upper
164	100		
129	93.0	65.7	121.9
131	89.9	62.2	115.6
166	131.4	89.7	166.7



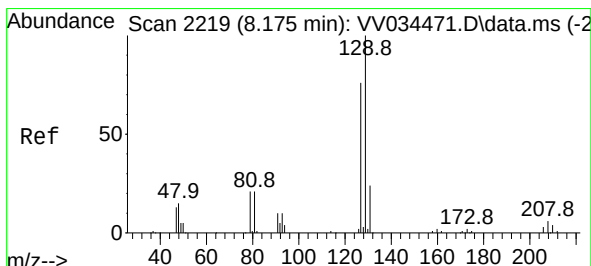
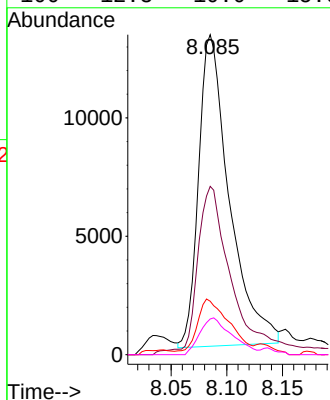
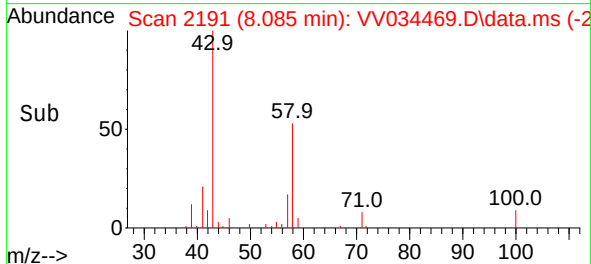


#48
2-Hexanone
Concen: 8.989 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Instrument :
MSVOA_V
ClientSampleId :

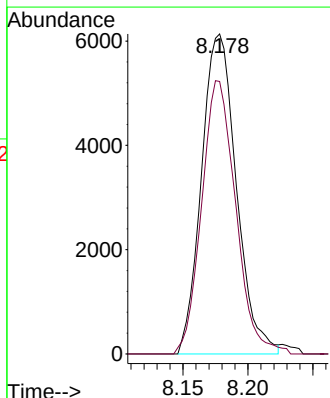
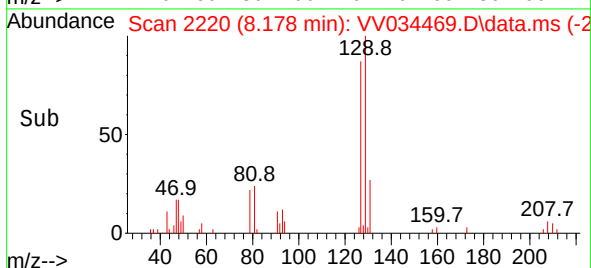
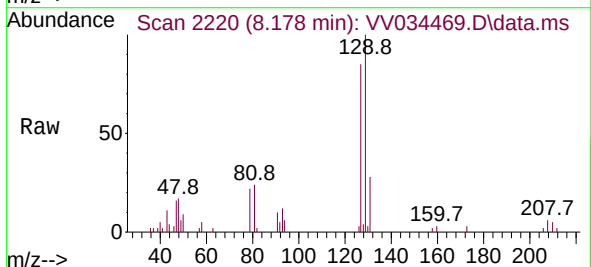


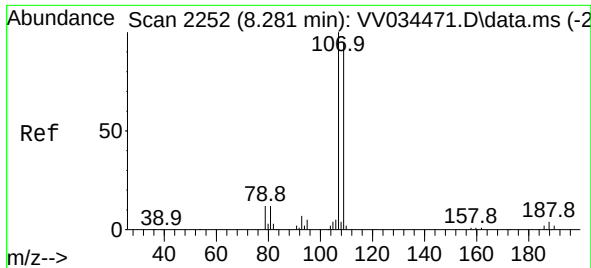
Tgt Ion: 43 Resp: 25287
Ion Ratio Lower Upper
43 100
58 53.1 42.0 63.0
57 16.8 15.2 22.8
100 12.3 10.0 15.0



#49
Dibromochloromethane
Concen: 5.014 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion: 129 Resp: 11462
Ion Ratio Lower Upper
129 100
127 85.2 53.3 98.9

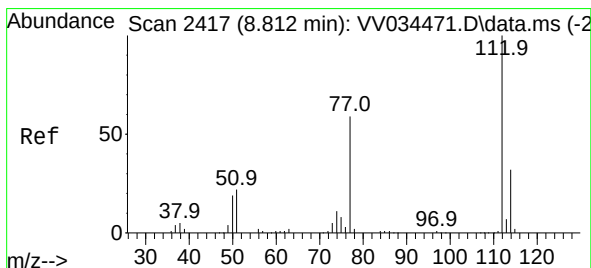
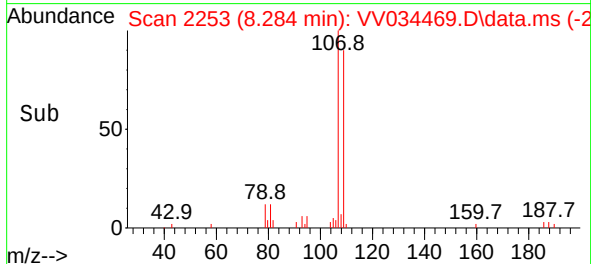
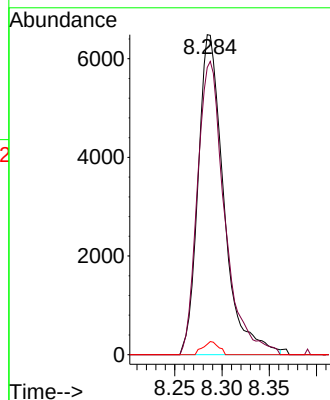
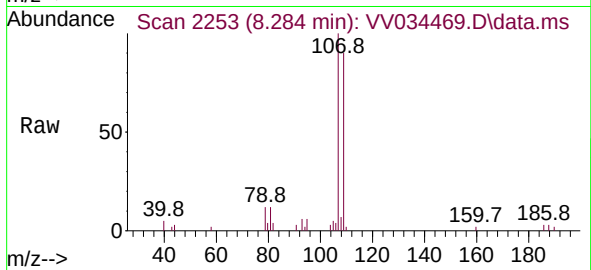




#50
1,2-Dibromoethane
Concen: 5.319 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

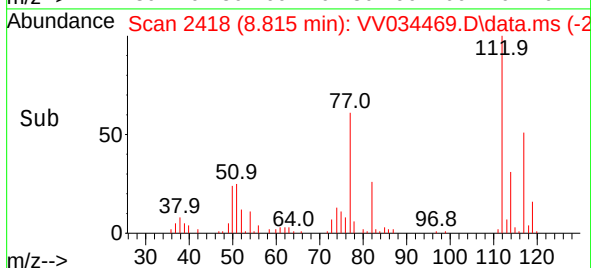
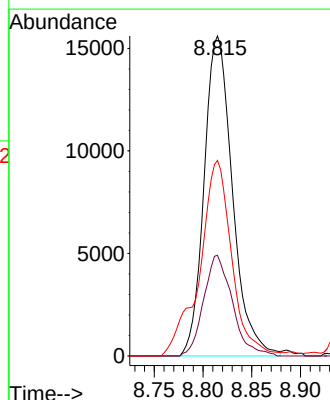
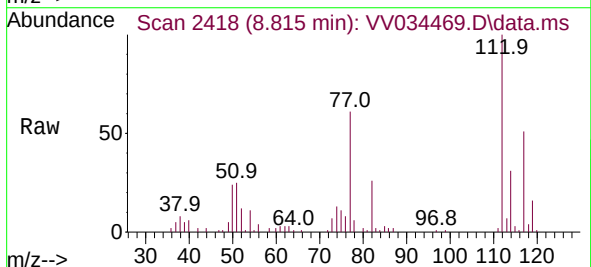
Instrument :
MSVOA_V
ClientSampleId :

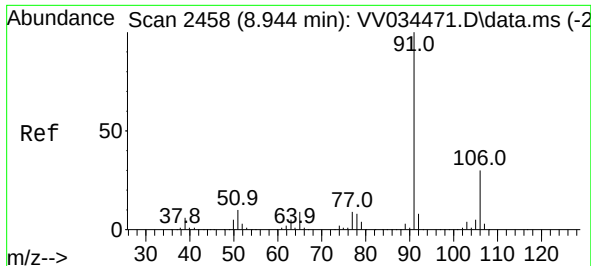
Tgt Ion:107 Resp: 12266
Ion Ratio Lower Upper
107 100
109 89.8 66.5 123.5
188 3.3 3.4 5.2#



#51
Chlorobenzene
Concen: 5.394 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion:112 Resp: 31622
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 61.1 47.7 71.5





#52

Ethylbenzene

Concen: 4.961 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

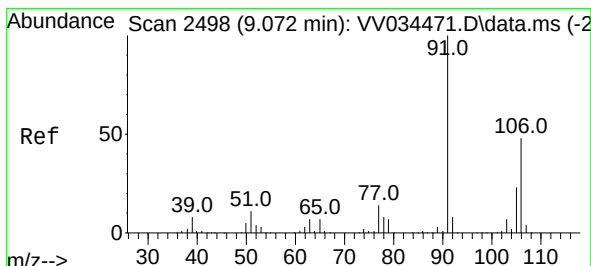
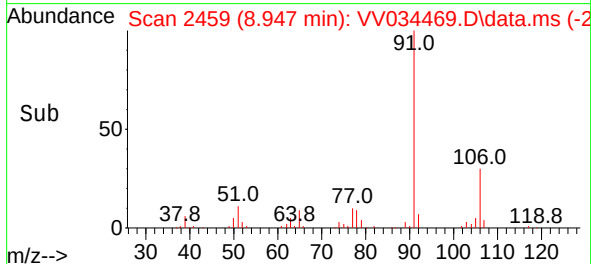
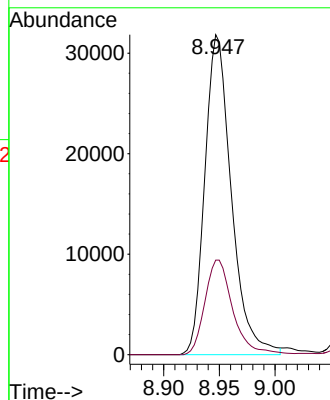
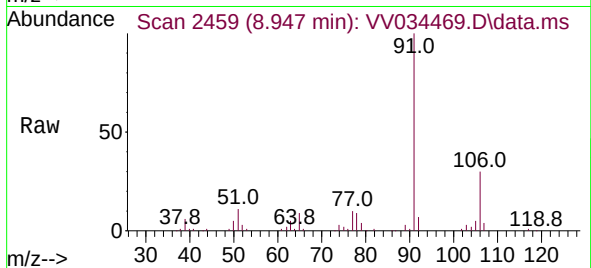
ClientSampleId :

Tgt Ion: 91 Resp: 52747

Ion Ratio Lower Upper

91 100

106 29.5 21.3 39.5



#53

m,p-Xylene

Concen: 5.302 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV034469.D

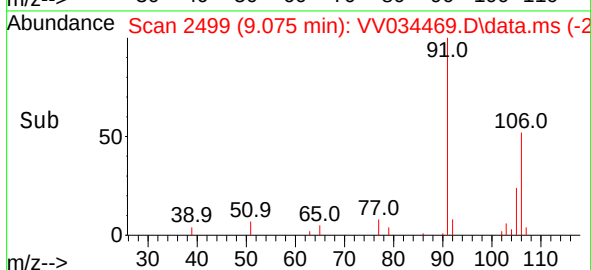
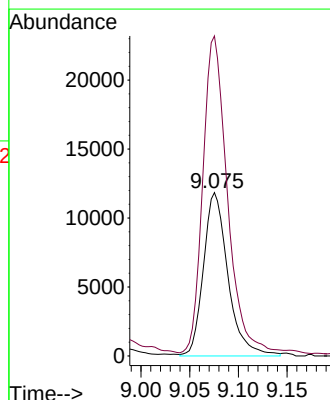
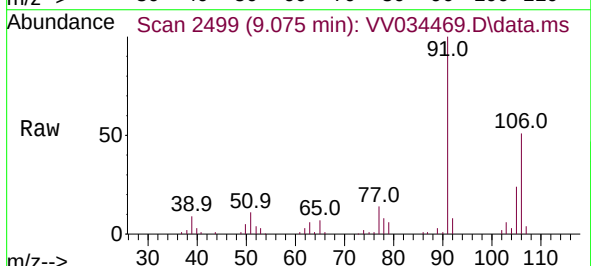
Acq: 29 Feb 2024 08:56

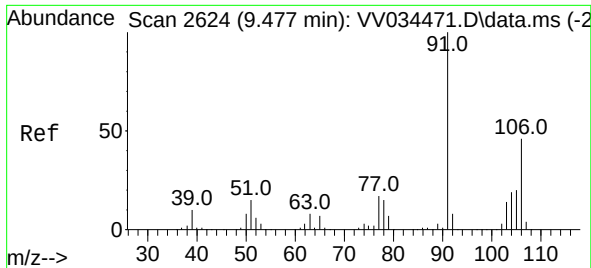
Tgt Ion:106 Resp: 20771

Ion Ratio Lower Upper

106 100

91 195.8 145.3 269.9

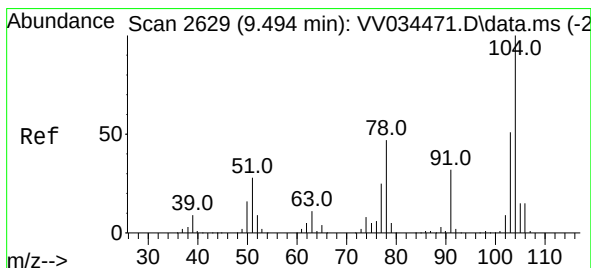
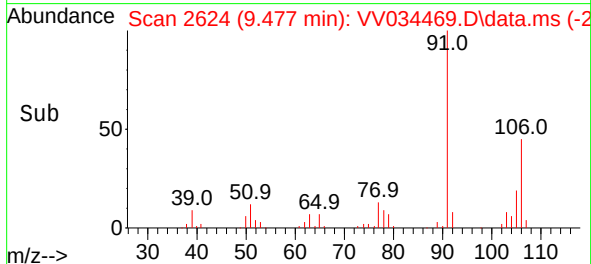
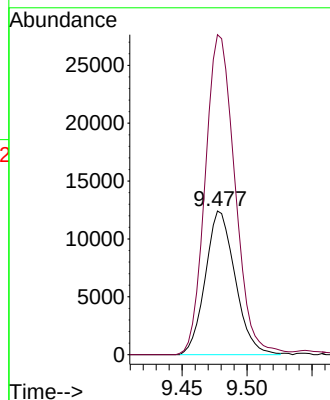
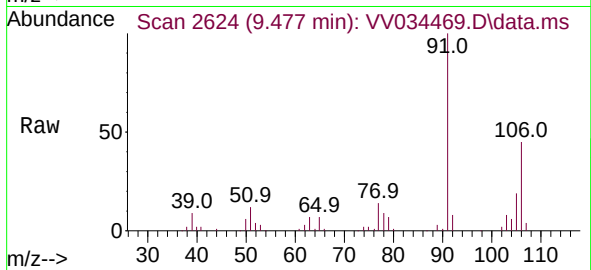




#54
o-Xylene
Concen: 5.090 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

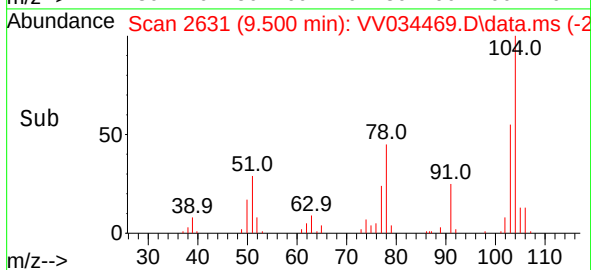
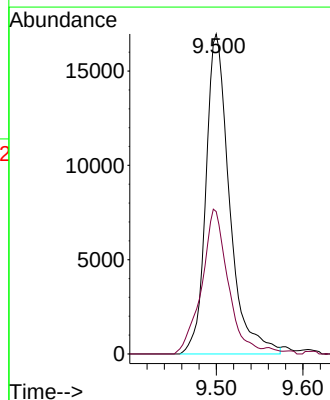
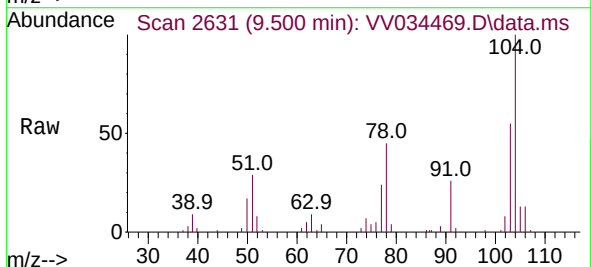
Instrument :
MSVOA_V
ClientSampleId :

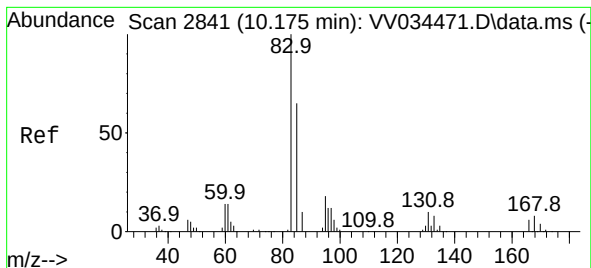
Tgt Ion:106 Resp: 19820
Ion Ratio Lower Upper
106 100
91 222.7 152.2 282.7



#55
Styrene
Concen: 4.795 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV034469.D
Acq: 29 Feb 2024 08:56

Tgt Ion:104 Resp: 32132
Ion Ratio Lower Upper
104 100
78 44.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.120 ug/L

RT: 10.178 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

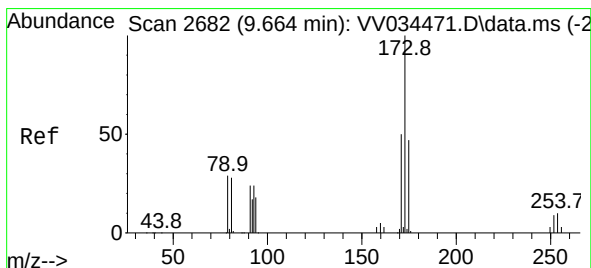
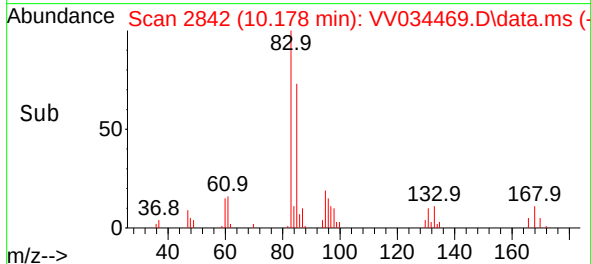
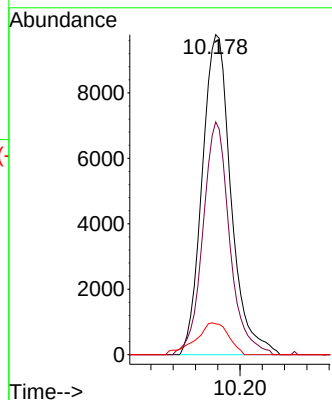
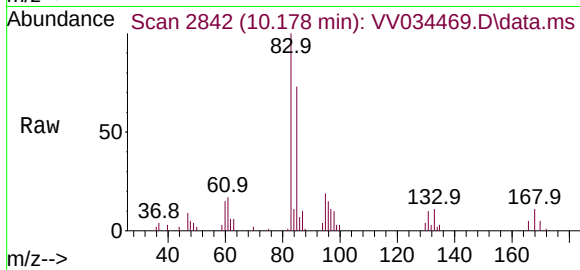
Tgt Ion: 83 Resp: 17581

Ion Ratio Lower Upper

83 100

85 72.8 45.4 84.2

131 9.6 8.3 12.5



#59

Bromoform

Concen: 4.837 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

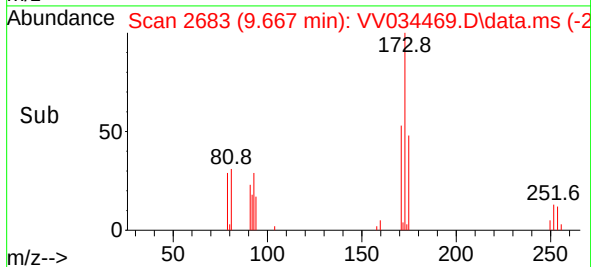
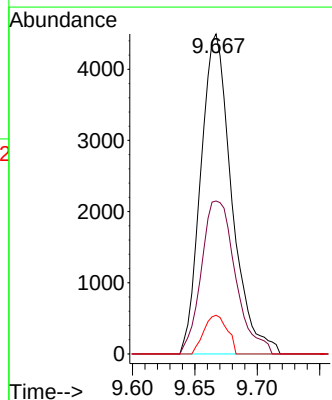
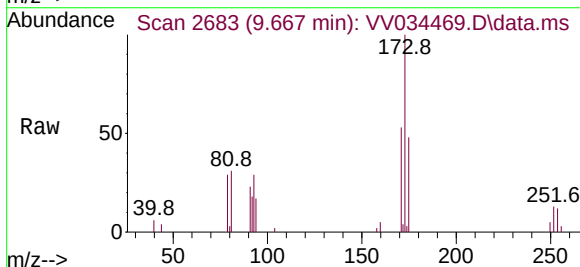
Tgt Ion: 173 Resp: 7748

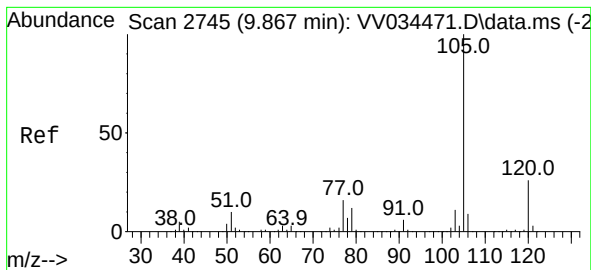
Ion Ratio Lower Upper

173 100

175 52.8 39.1 58.7

254 9.1 7.8 11.8





#60

Isopropylbenzene

Concen: 5.171 ug/L

RT: 9.866 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

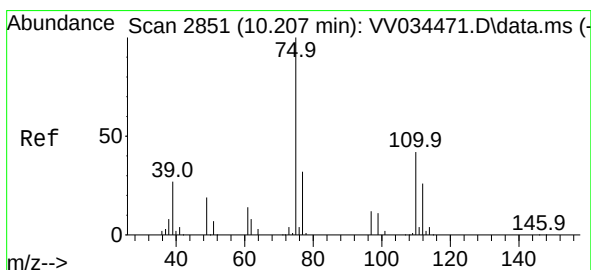
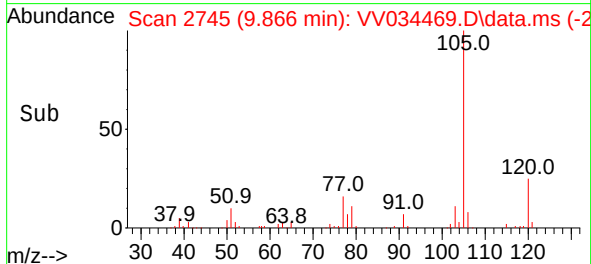
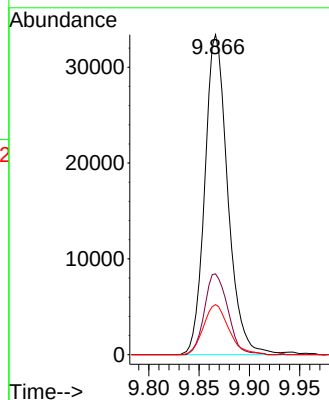
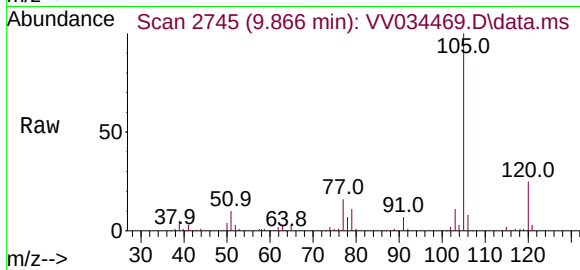
Tgt Ion:105 Resp: 52971

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 17.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.587 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

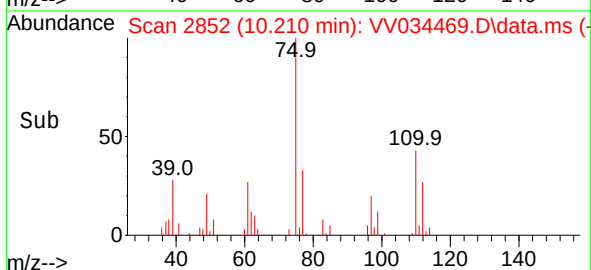
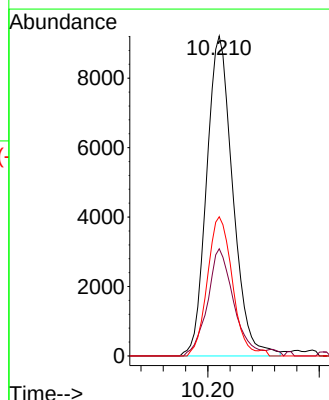
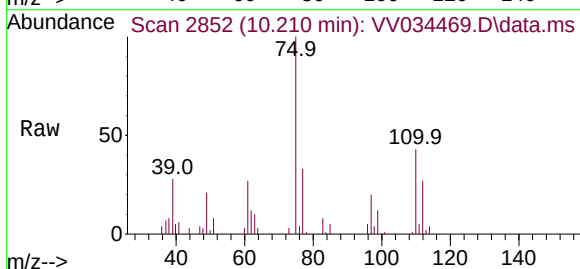
Tgt Ion: 75 Resp: 15027

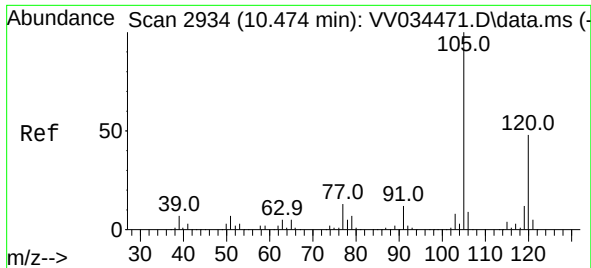
Ion Ratio Lower Upper

75 100

77 33.5 25.9 38.9

110 41.3 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 4.987 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

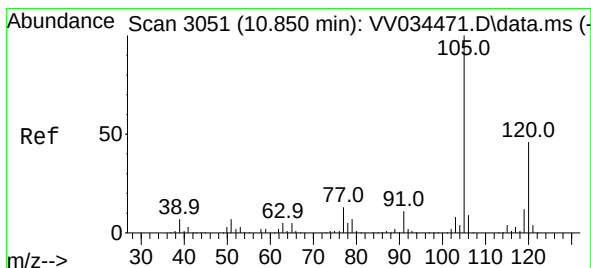
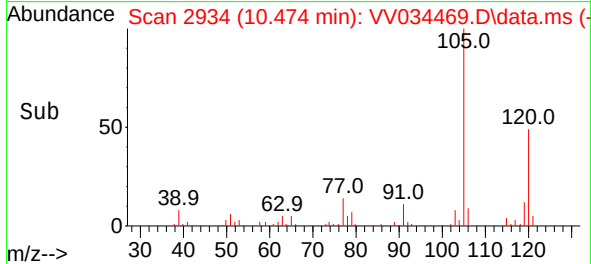
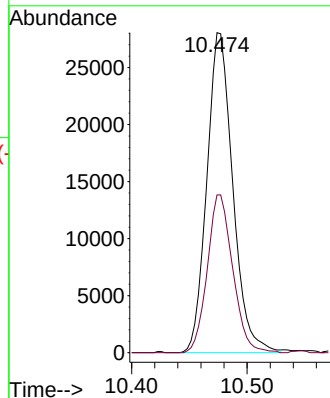
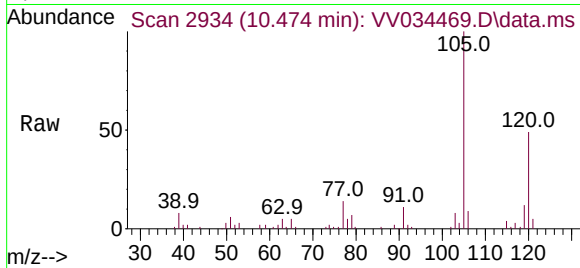
ClientSampleId :

Tgt Ion:105 Resp: 43826

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 4.885 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034469.D

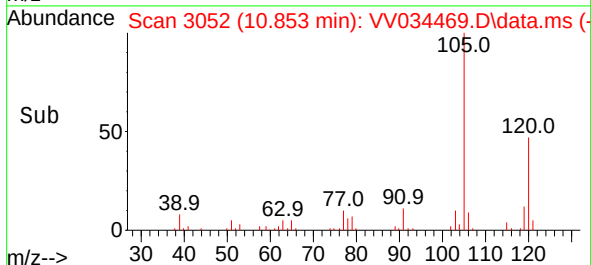
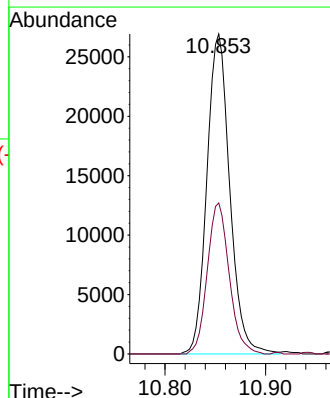
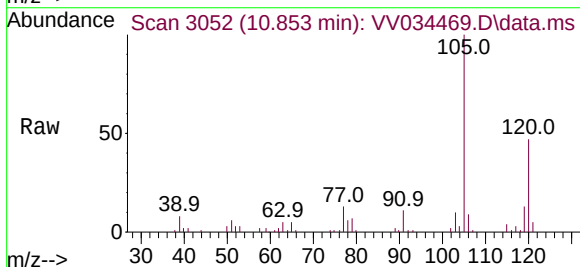
Acq: 29 Feb 2024 08:56

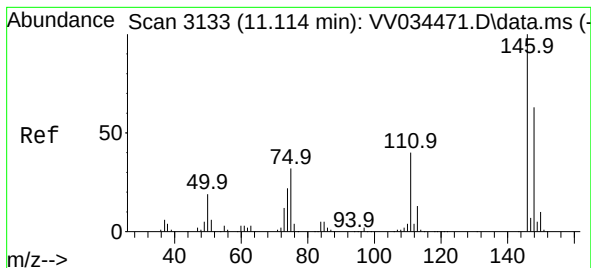
Tgt Ion:105 Resp: 42567

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.340 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

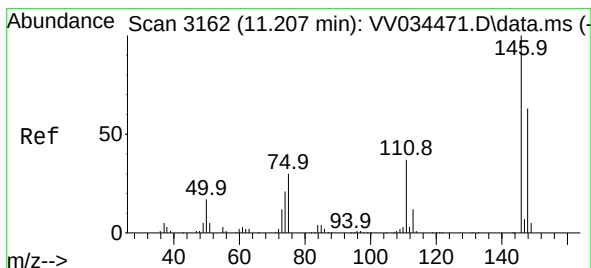
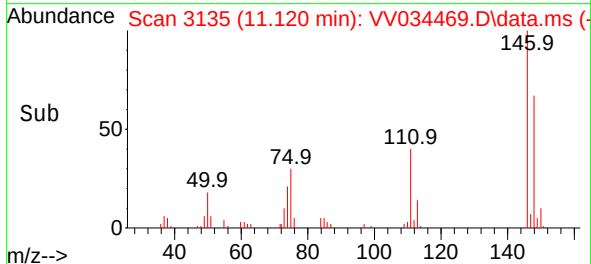
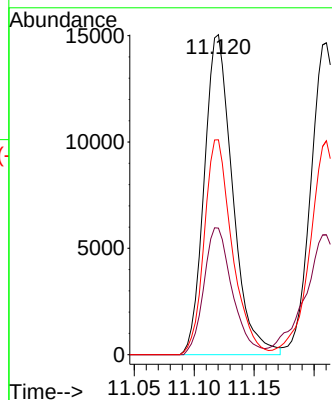
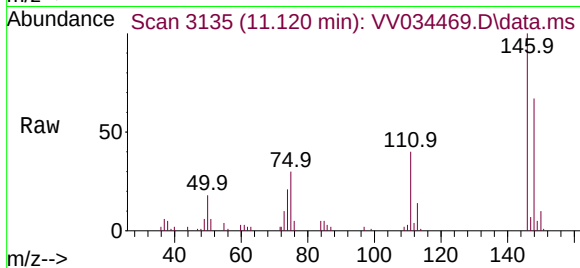
Tgt Ion:146 Resp: 24782

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 67.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 5.596 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

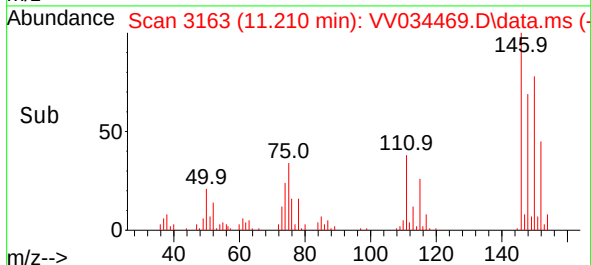
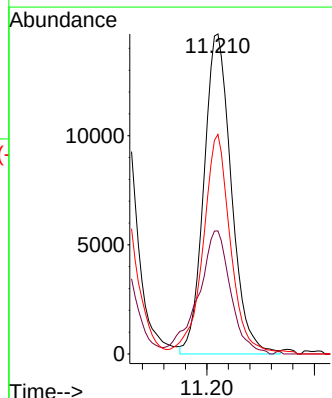
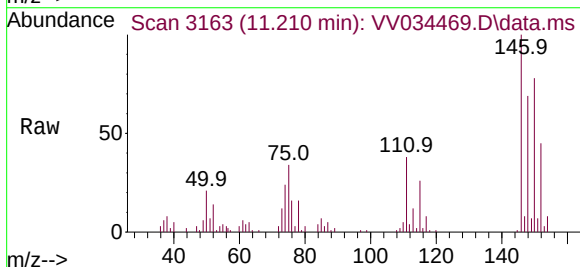
Tgt Ion:146 Resp: 26044

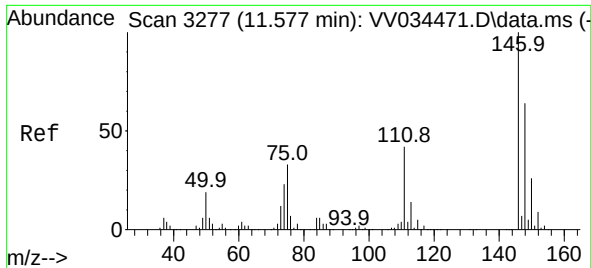
Ion Ratio Lower Upper

146 100

111 38.4 26.5 49.1

148 68.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 5.497 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

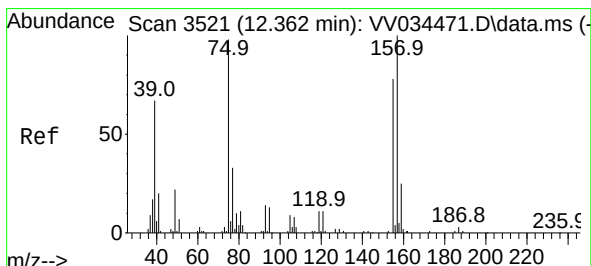
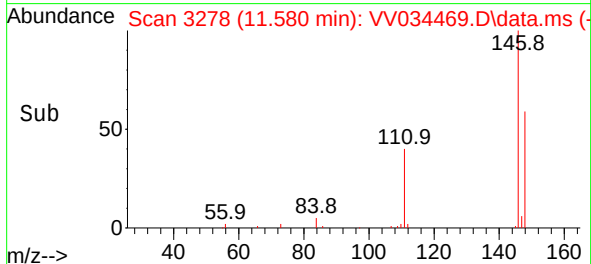
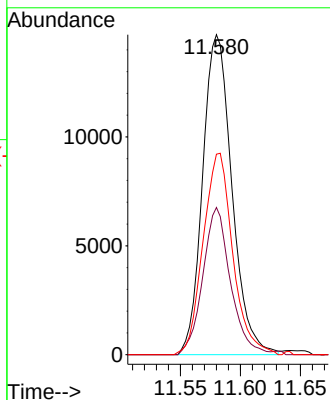
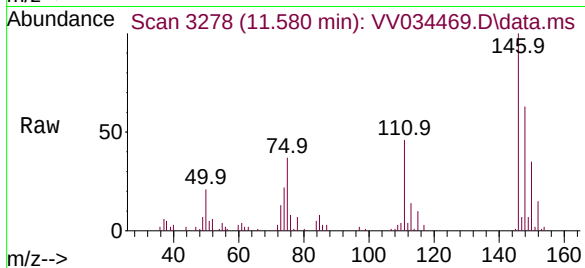
Tgt Ion:146 Resp: 24993

Ion Ratio Lower Upper

146 100

111 46.0 33.8 50.8

148 62.7 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.046 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.006 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

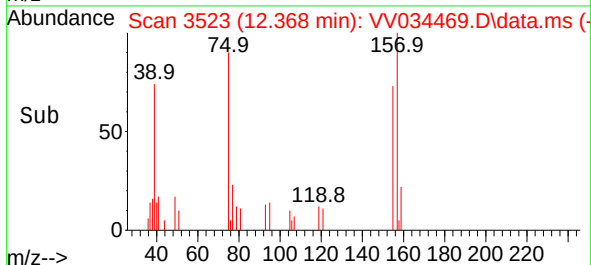
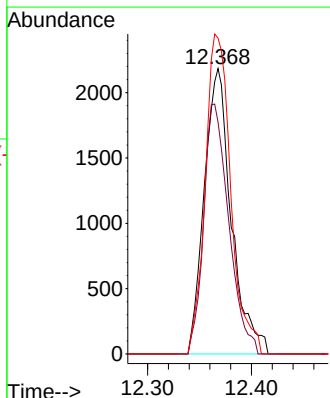
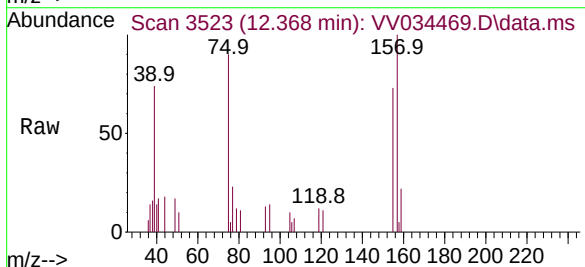
Tgt Ion: 75 Resp: 3940

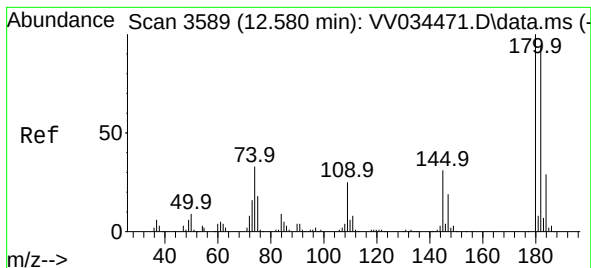
Ion Ratio Lower Upper

75 100

155 81.2 63.3 94.9

157 110.6 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 5.154 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

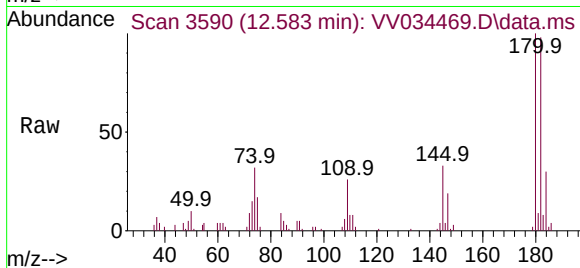
Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 17724

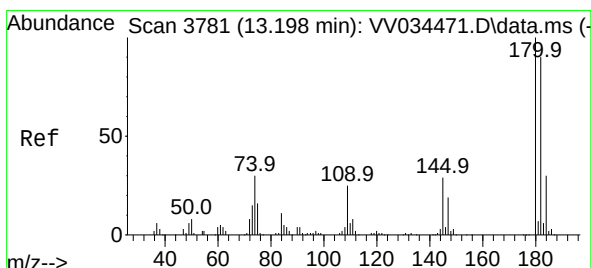
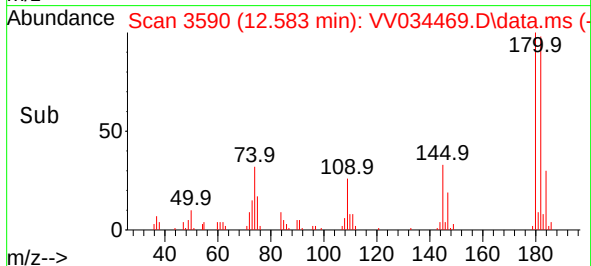
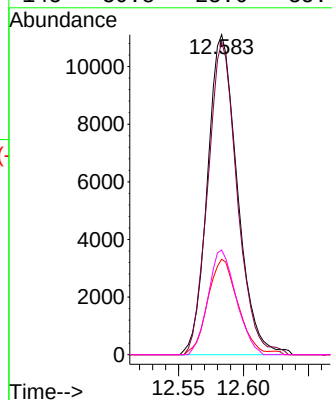
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

184 30.1 23.6 35.4

145 30.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.953 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

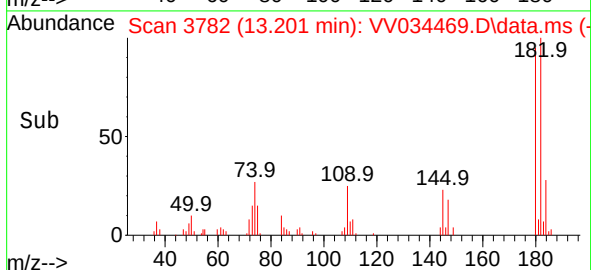
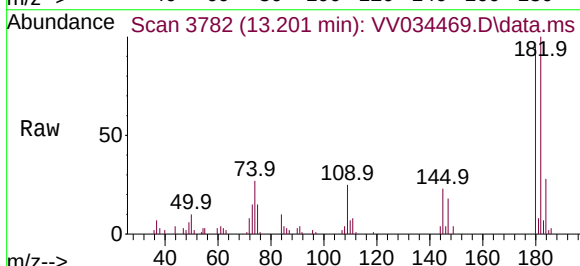
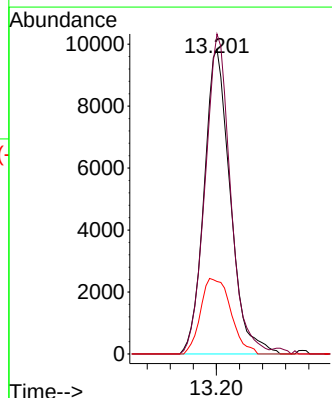
Tgt Ion:180 Resp: 15494

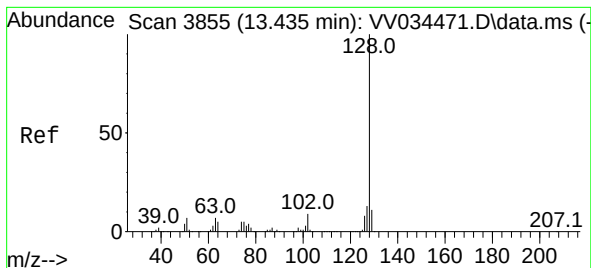
Ion Ratio Lower Upper

180 100

182 101.5 74.8 112.2

145 28.5 24.2 36.4





#71

Naphthalene

Concen: 4.195 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

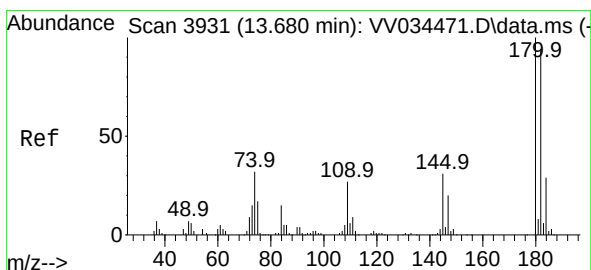
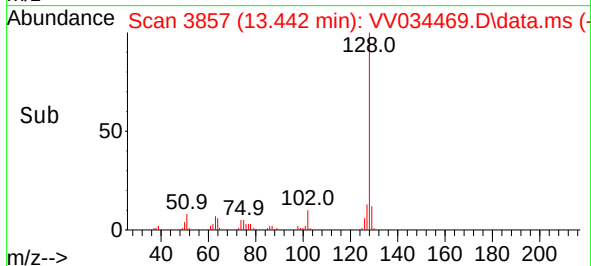
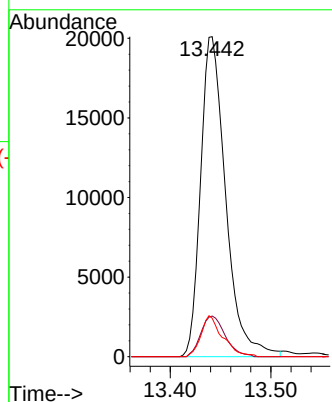
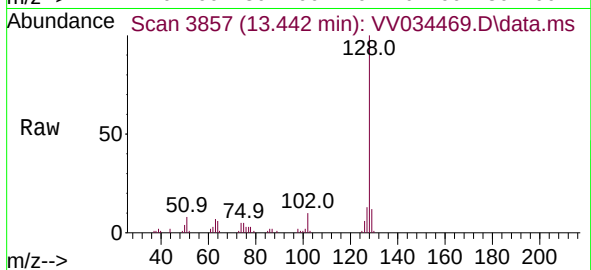
Tgt Ion:128 Resp: 34799

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.004 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034469.D

Acq: 29 Feb 2024 08:56

Tgt Ion:180 Resp: 14781

Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 31.2 25.5 38.3

