

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030124\
 Data File : VV034491.D
 Acq On : 01 Mar 2024 11:01
 Operator : SY/MD
 Sample : P1601-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 22:19:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	317634	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112833	40.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.960%
7) Chloroethane-d5	1.532	69	90918	42.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	2.060	65	50377	40.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.900%
21) 2-Butanone-d5	3.789	46	178079	96.708	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.710%
24) Chloroform-d	4.246	84	211552	43.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
26) 1,2-Dichloroethane-d4	4.941	65	144003	45.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
32) Benzene-d6	4.960	84	402718	45.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.986	67	127471	47.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	7.243	98	354307	44.620	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	7.551	79	57565	42.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.620%
47) 2-Hexanone-d5	8.024	63	133073	99.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	163717	46.459	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	136683	47.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	7535	2.262	ug/L	96
3) Chloromethane	1.217	50	8628	2.635	ug/L	99
5) Vinyl chloride	1.285	62	7677	2.416	ug/L #	78
6) Bromomethane	1.487	94	5408	2.836	ug/L	94
8) Chloroethane	1.548	64	4751	2.515	ug/L	93
9) Trichlorofluoromethane	1.712	101	11315	2.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	7448	2.904	ug/L #	83
12) 1,1-Dichloroethene	2.069	96	6876	2.891	ug/L #	1
13) Acetone	2.127	43	11746	5.306	ug/L	94
14) Carbon disulfide	2.240	76	15643	2.370	ug/L	95
15) Methyl Acetate	2.384	43	7344	2.593	ug/L	99
16) Methylene chloride	2.449	84	7206	2.856	ug/L	93
17) trans-1,2-Dichloroethene	2.699	96	5052	2.195	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	19641	2.376	ug/L	97
19) 1,1-Dichloroethane	3.114	63	10903	2.418	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	5921	2.371	ug/L	93
23) Bromochloromethane	4.166	128	3248	2.515	ug/L	96
27) 1,2-Dichloroethane	5.053	62	8018	2.111	ug/L	98
29) Cyclohexane	4.580	56	9208	2.408	ug/L	97

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

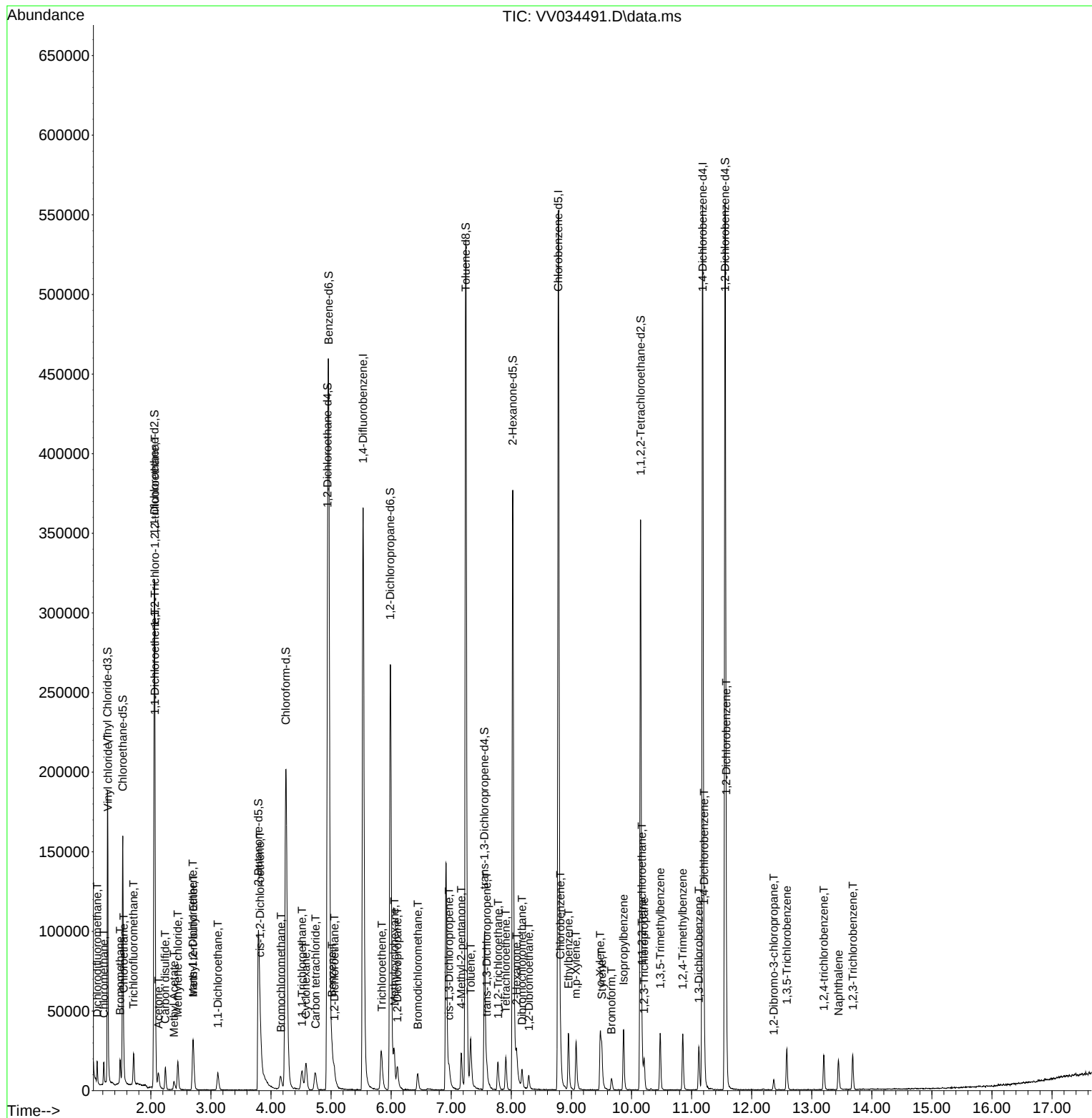
30) 1,1,1-Trichloroethane	4.516	97	9749	2.338	ug/L #	89
31) Carbon tetrachloride	4.741	117	8713	2.361	ug/L	99
33) Benzene	5.015	78	20928	2.319	ug/L	100
34) Trichloroethene	5.844	95	6473	2.523	ug/L	95
35) Methylcyclohexane	6.053	83	9682	2.483	ug/L	95
37) 1,2-Dichloropropane	6.101	63	4856	2.055	ug/L #	96
38) Bromodichloromethane	6.442	83	7778	2.340	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	6401	1.672	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	15978	4.586	ug/L	96
42) Toluene	7.323	91	24193	2.533	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	10589	2.876	ug/L	93
45) 1,1,2-Trichloroethane	7.780	97	5628	2.469	ug/L	95
46) Tetrachloroethene	7.908	164	4789	2.510	ug/L	92
48) 2-Hexanone	8.088	43	14550	5.241	ug/L #	96
49) Dibromochloromethane	8.178	129	5707	2.372	ug/L	88
50) 1,2-Dibromoethane	8.291	107	5722	2.365	ug/L	91
51) Chlorobenzene	8.815	112	15352	2.486	ug/L	96
52) Ethylbenzene	8.950	91	25969	2.427	ug/L	96
53) m,p-Xylene	9.075	106	9036	2.225	ug/L	92
54) o-Xylene	9.481	106	9467	2.381	ug/L	93
55) Styrene	9.506	104	13732	2.039	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.175	83	9425	2.753	ug/L #	97
59) Bromoform	9.667	173	3471	2.239	ug/L #	95
60) Isopropylbenzene	9.870	105	25437	2.572	ug/L	96
61) 1,2,3-Trichloropropane	10.210	75	7459	2.794	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	19958	2.392	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	19245	2.332	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	11005	2.407	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	11818	2.545	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	12199	2.662	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1689	2.124	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	7641	2.227	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	6700	2.171	ug/L	97
71) Naphthalene	13.445	128	16390	1.985	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	6888	2.287	ug/L	98

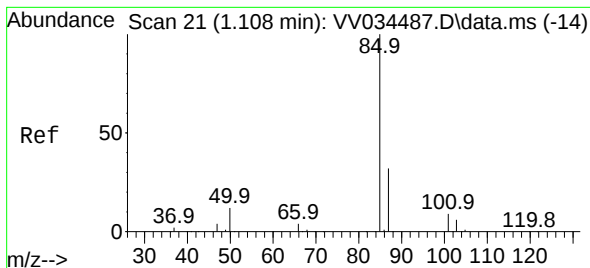
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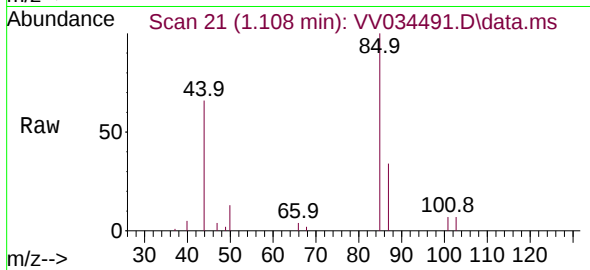
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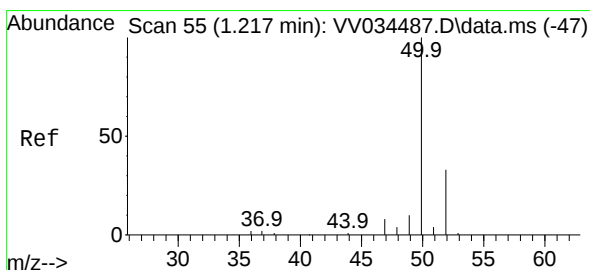
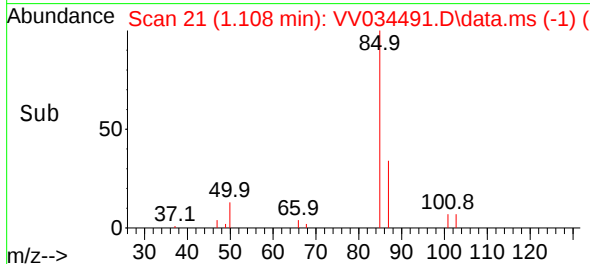
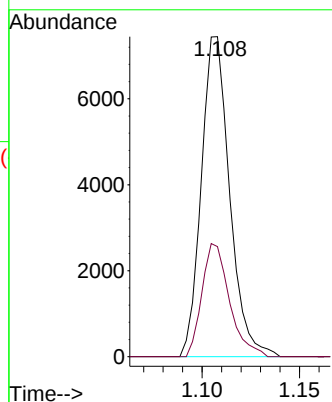


#2
 Dichlorodifluoromethane
 Concen: 2.262 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034491.D
 Acq: 01 Mar 2024 11:01

Instrument :
 MSVOA_V
 ClientSampleId :

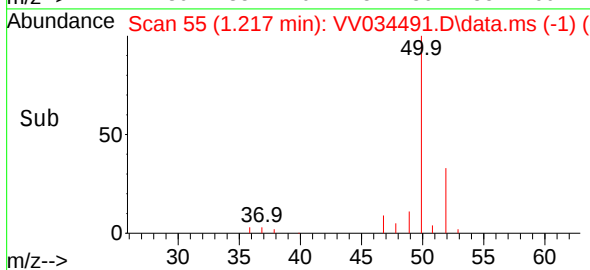
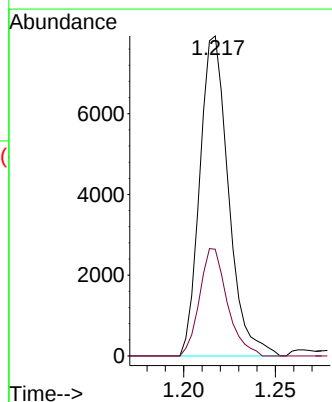
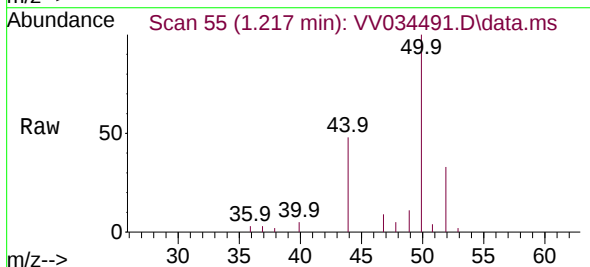


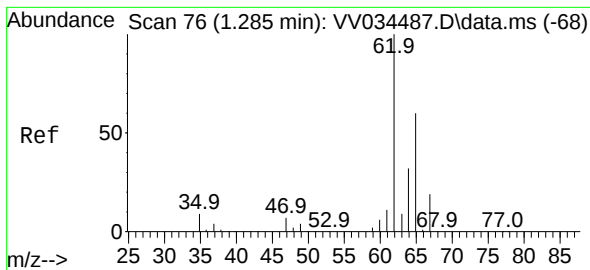
Tgt Ion: 85 Resp: 7535
 Ion Ratio Lower Upper
 85 100
 87 34.3 25.5 38.3



#3
 Chloromethane
 Concen: 2.635 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034491.D
 Acq: 01 Mar 2024 11:01

Tgt Ion: 50 Resp: 8628
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8





#5

Vinyl chloride

Concen: 2.416 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

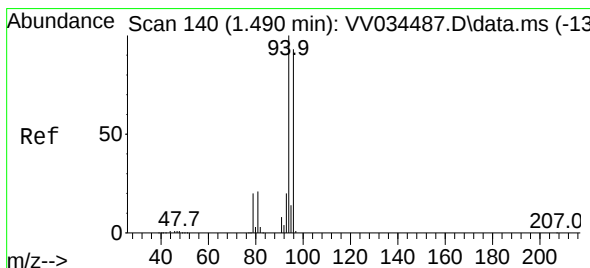
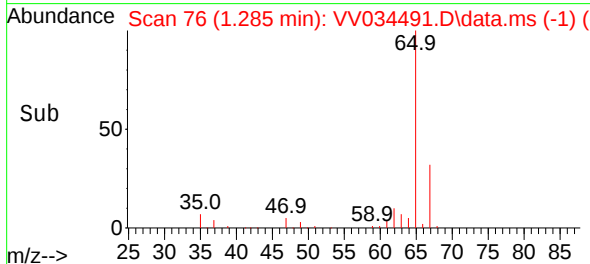
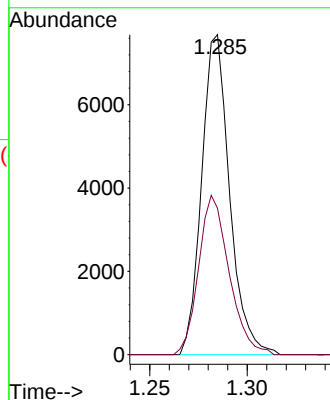
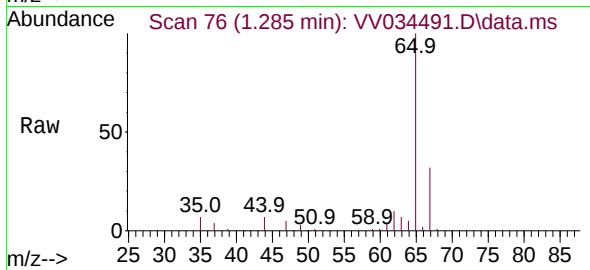
ClientSampleId :

Tgt Ion: 62 Resp: 7677

Ion Ratio Lower Upper

62 100

64 45.8 23.4 43.6#



#6

Bromomethane

Concen: 2.836 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV034491.D

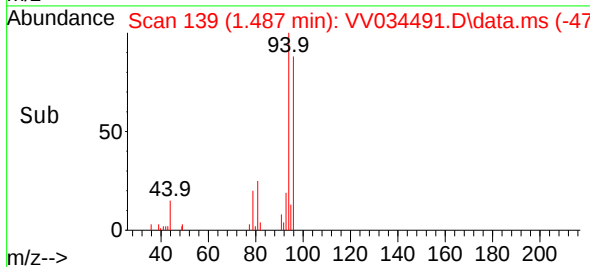
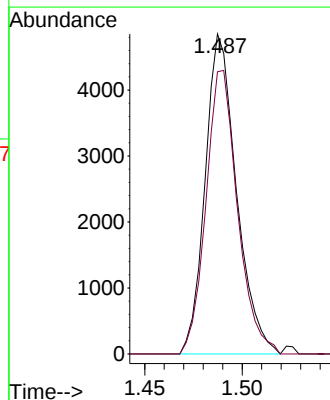
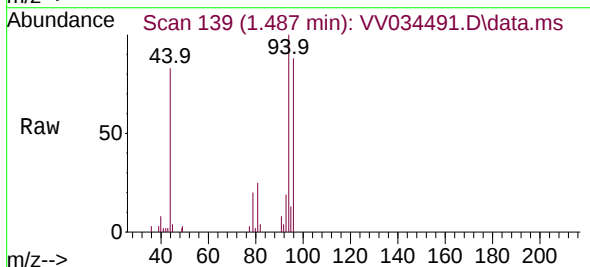
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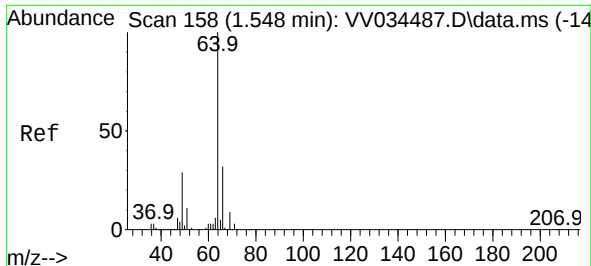
Tgt Ion: 94 Resp: 5408

Ion Ratio Lower Upper

94 100

96 88.2 66.0 122.6

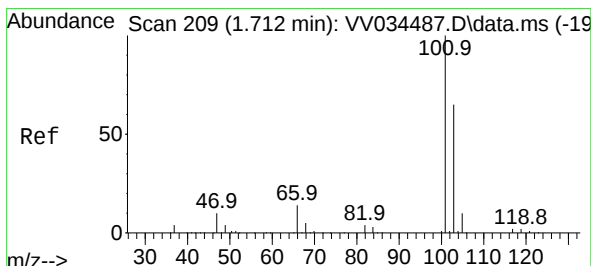
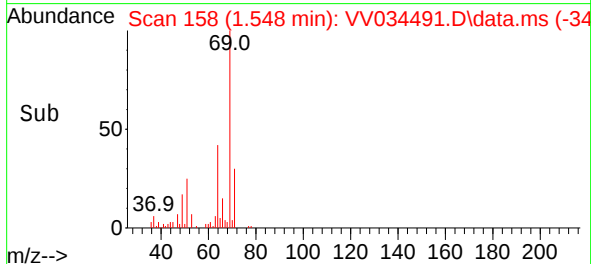
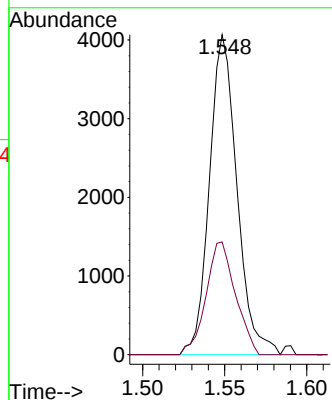
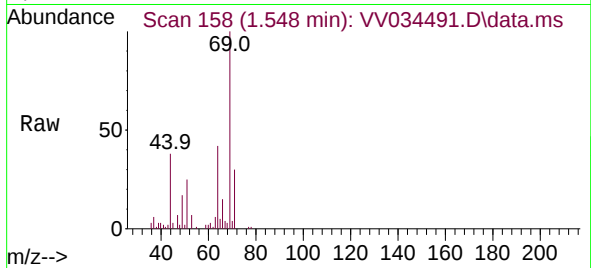




#8
Chloroethane
Concen: 2.515 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

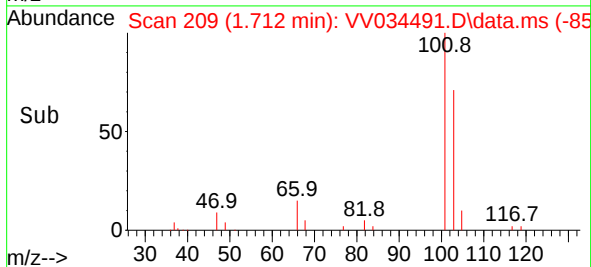
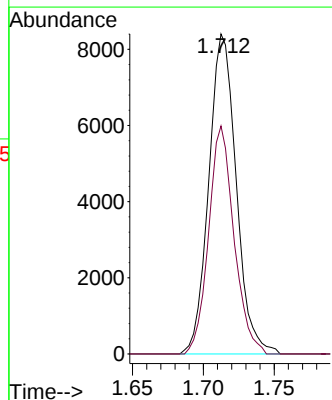
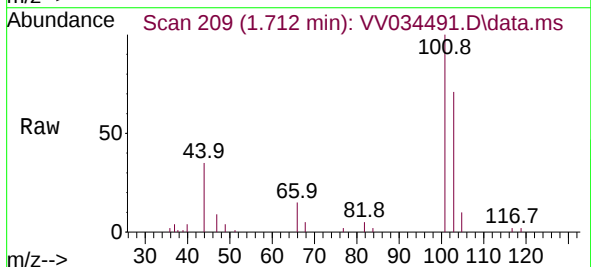
Instrument :
MSVOA_V
ClientSampleId :

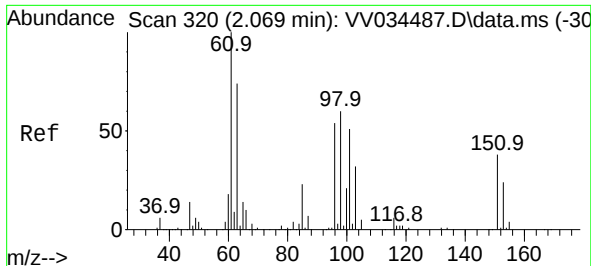
Tgt Ion: 64 Resp: 4751
Ion Ratio Lower Upper
64 100
66 35.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 2.378 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

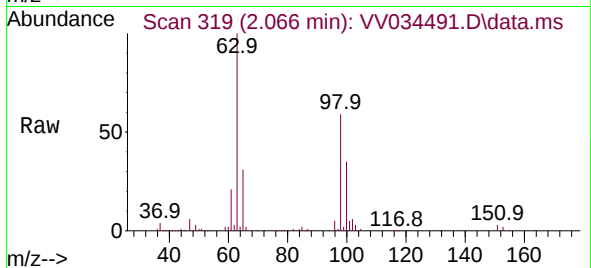
Tgt Ion:101 Resp: 11315
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8



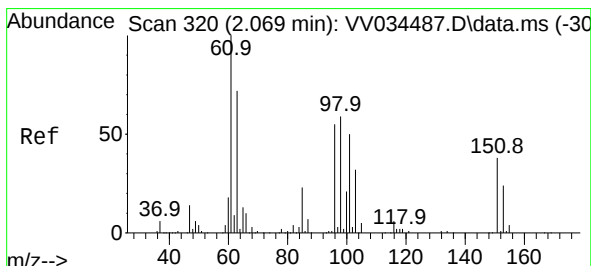
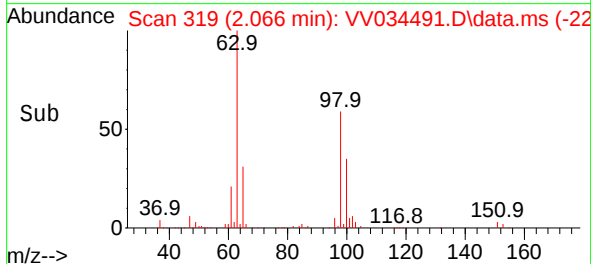
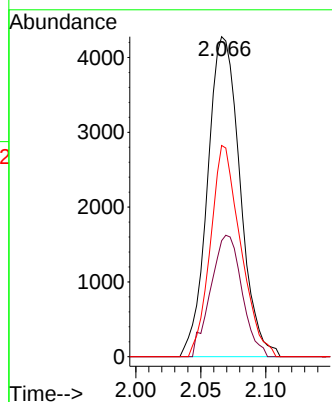


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.904 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034491.D
 Acq: 01 Mar 2024 11:01

Instrument :
 MSVOA_V
 ClientSampleId :

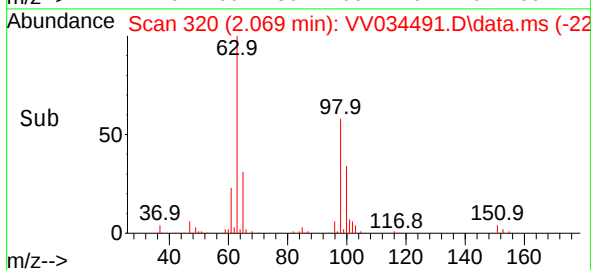
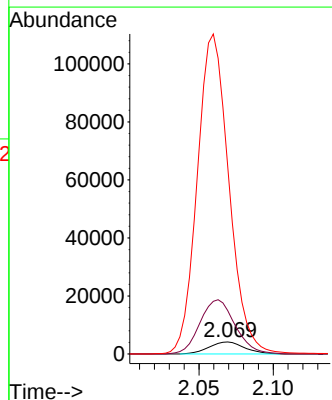
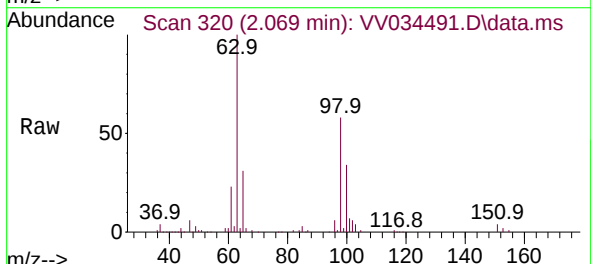


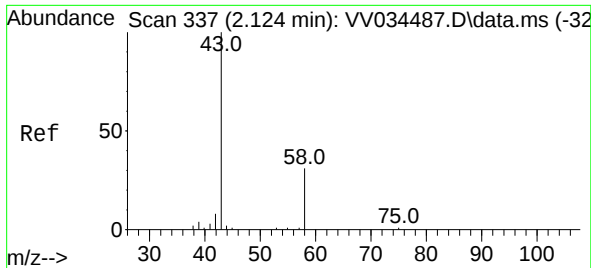
Tgt Ion:101 Resp: 7448
 Ion Ratio Lower Upper
 101 100
 85 36.3 37.4 56.0#
 151 61.3 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 2.891 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034491.D
 Acq: 01 Mar 2024 11:01

Tgt Ion: 96 Resp: 6876
 Ion Ratio Lower Upper
 96 100
 61 360.0 128.9 239.3#
 63 1554.6 98.0 182.0#





#13

Acetone

Concen: 5.306 ug/L

RT: 2.127 min Scan# 337

Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

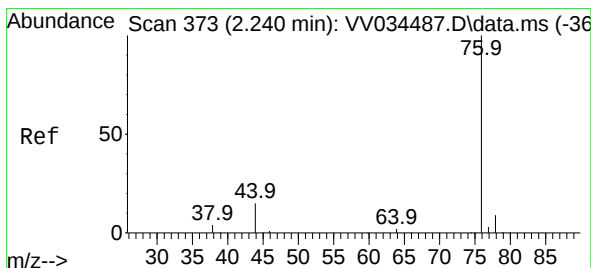
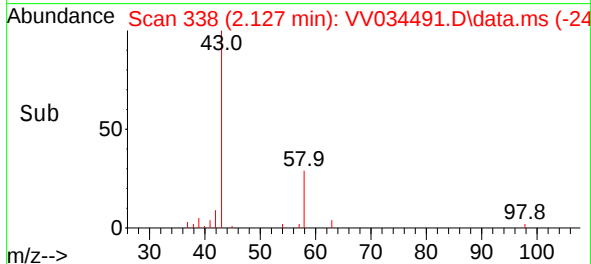
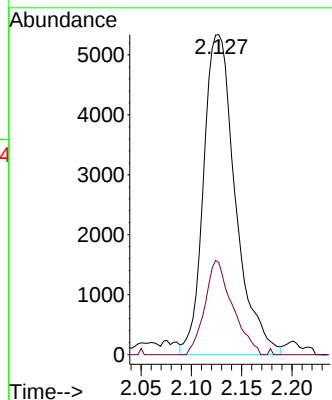
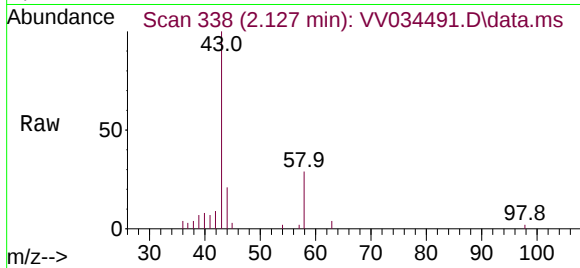
ClientSampleId :

Tgt Ion: 43 Resp: 11746

Ion Ratio Lower Upper

43 100

58 25.5 0.0 57.2



#14

Carbon disulfide

Concen: 2.370 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034491.D

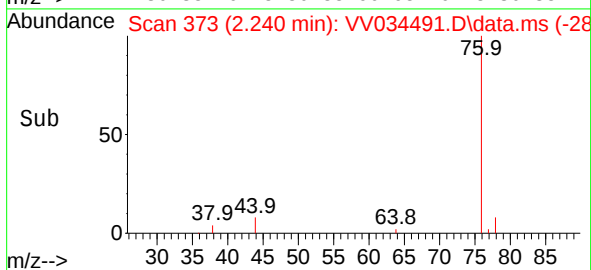
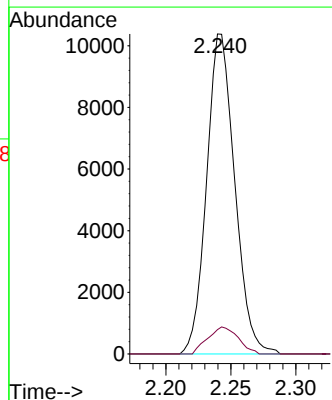
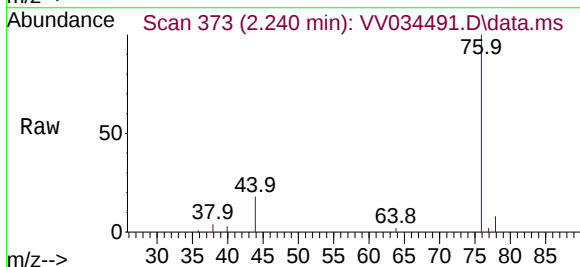
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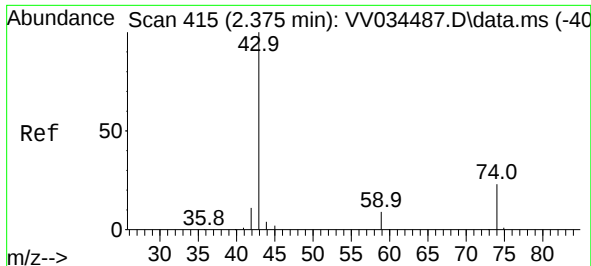
Tgt Ion: 76 Resp: 15643

Ion Ratio Lower Upper

76 100

78 7.6 7.5 11.3





#15

Methyl Acetate

Concen: 2.593 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

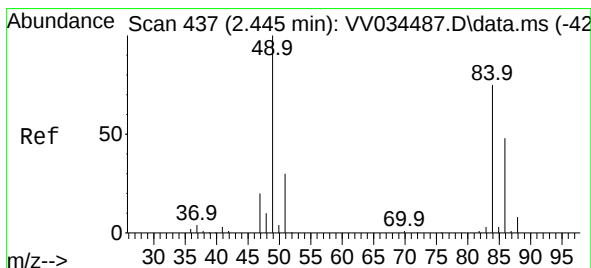
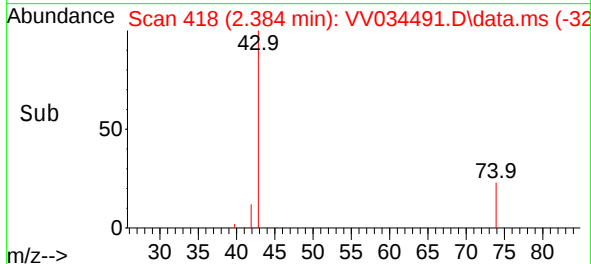
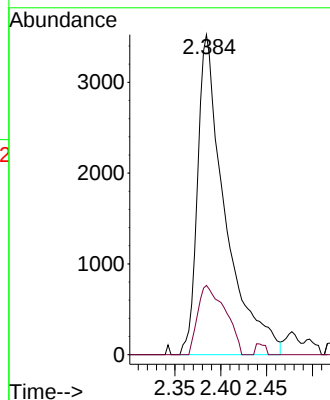
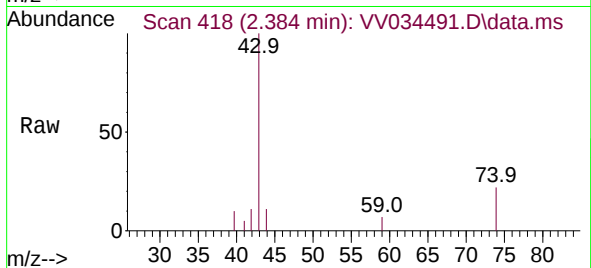
ClientSampleId :

Tgt Ion: 43 Resp: 7344

Ion Ratio Lower Upper

43 100

74 21.6 17.8 26.8



#16

Methylene chloride

Concen: 2.856 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

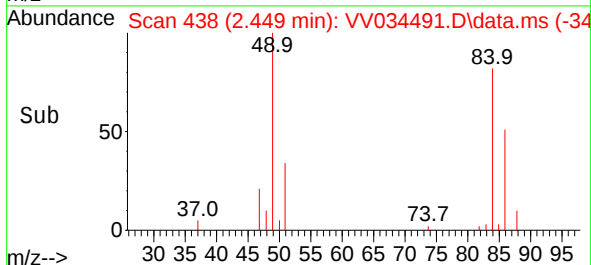
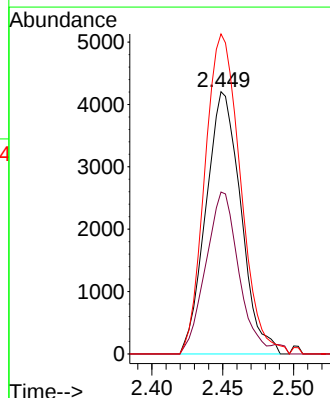
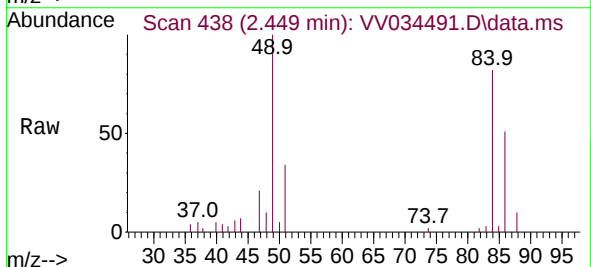
Tgt Ion: 84 Resp: 7206

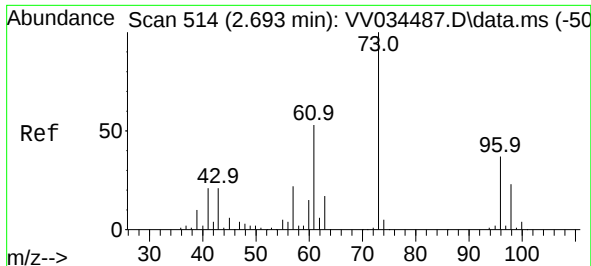
Ion Ratio Lower Upper

84 100

86 61.7 45.6 84.6

49 122.1 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 2.195 ug/L

RT: 2.699 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

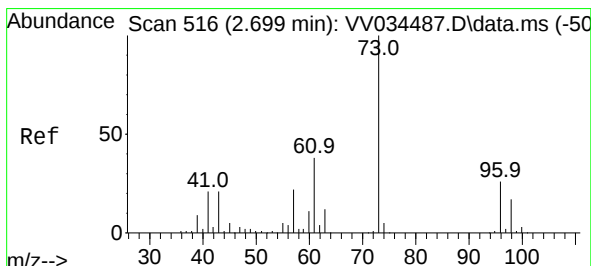
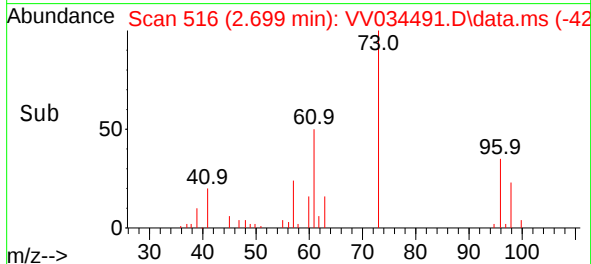
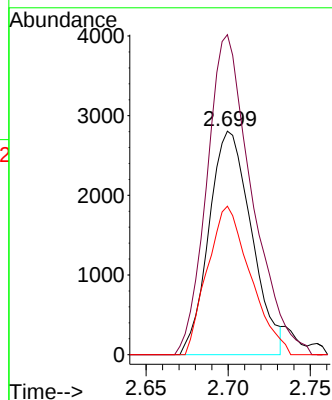
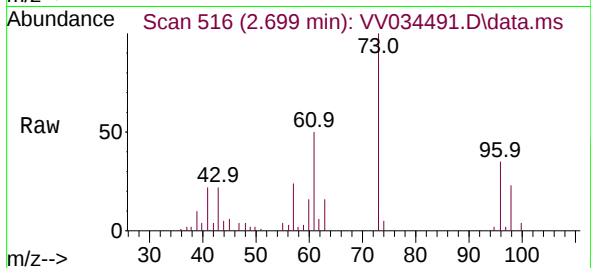
Tgt Ion: 96 Resp: 5052

Ion Ratio Lower Upper

96 100

61 143.2 98.8 183.4

98 66.4 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 2.376 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

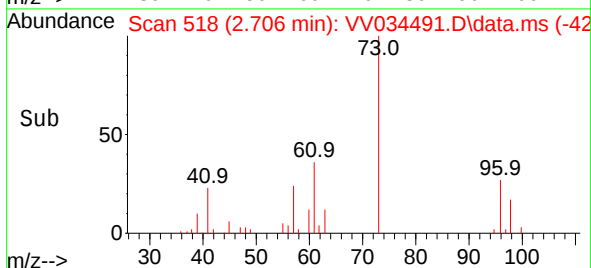
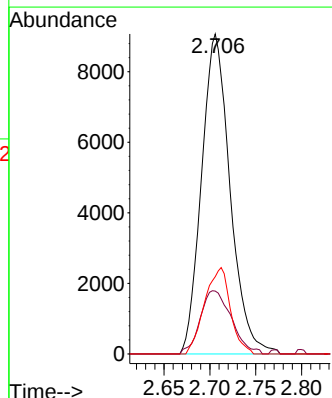
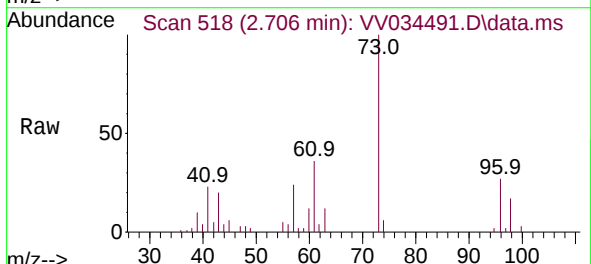
Tgt Ion: 73 Resp: 19641

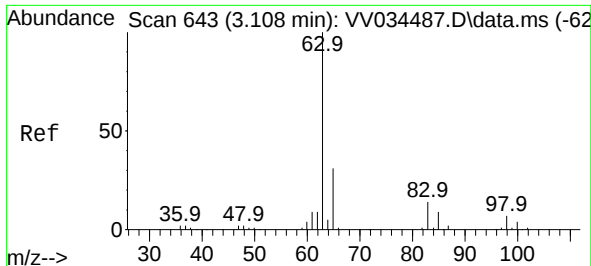
Ion Ratio Lower Upper

73 100

43 21.3 17.1 25.7

57 24.4 17.6 26.4

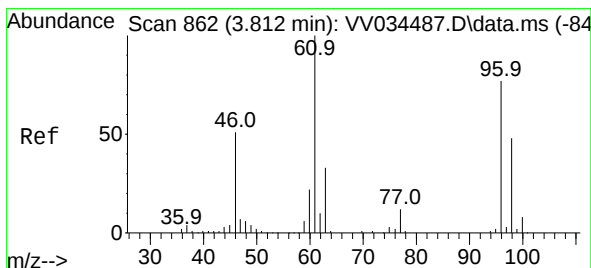
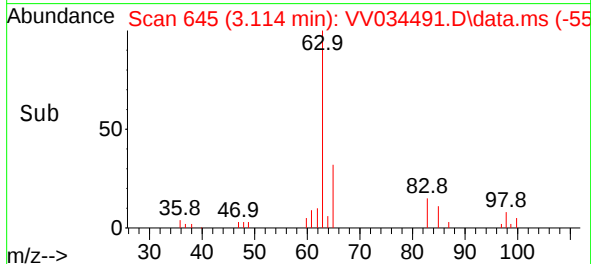
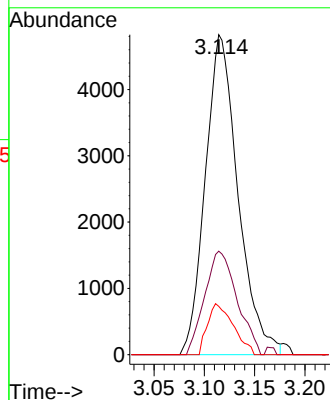
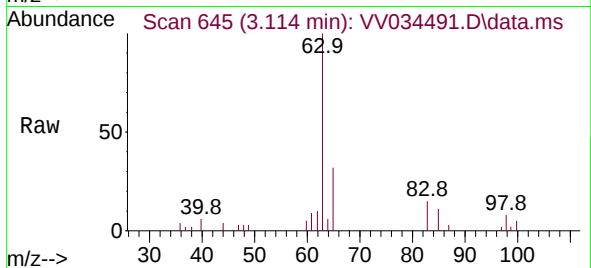




#19
1,1-Dichloroethane
Concen: 2.418 ug/L
RT: 3.114 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

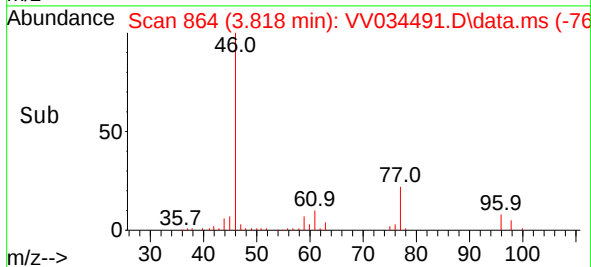
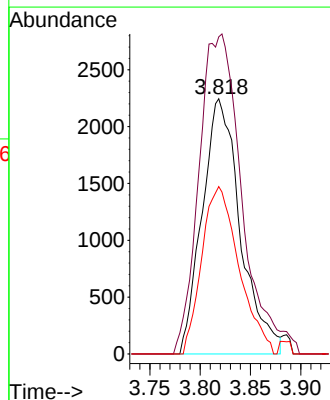
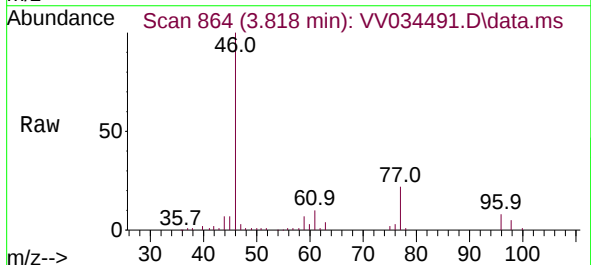
Instrument :
MSVOA_V
ClientSampleId :

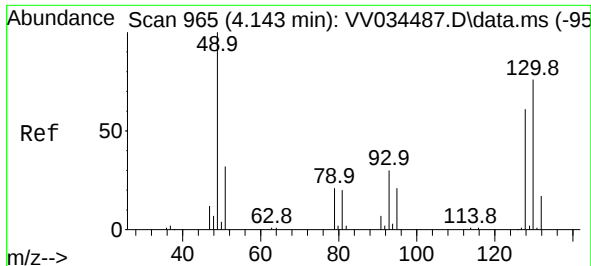
Tgt Ion: 63 Resp: 10903
Ion Ratio Lower Upper
63 100
65 32.4 22.1 41.1
83 15.1 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 2.371 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 96 Resp: 5921
Ion Ratio Lower Upper
96 100
61 124.3 96.0 178.4
98 65.6 46.0 85.4





#23

Bromochloromethane

Concen: 2.515 ug/L

RT: 4.166 min Scan# 91

Delta R.T. 0.023 min

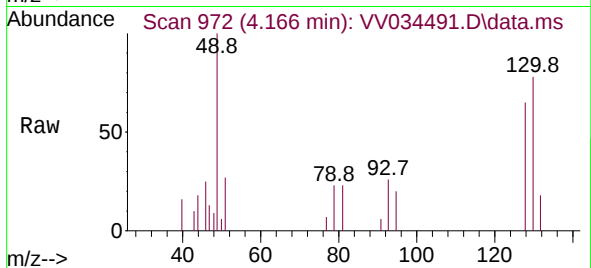
Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 3248

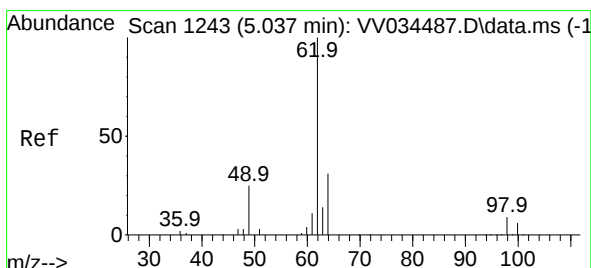
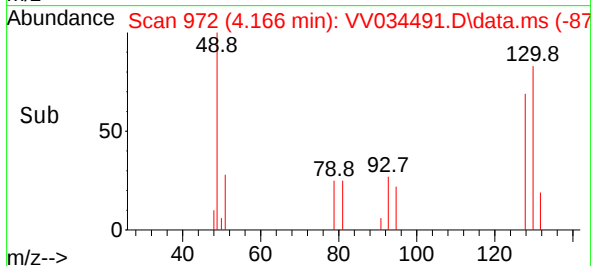
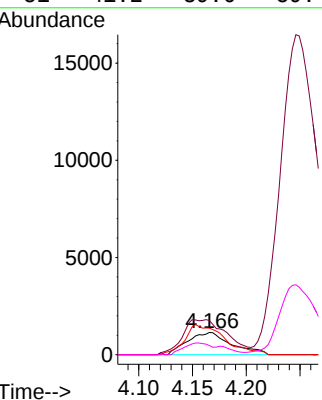
Ion Ratio Lower Upper

128 100

49 153.9 109.4 203.2

130 119.9 87.7 162.9

51 41.2 39.6 59.4



#27

1,2-Dichloroethane

Concen: 2.111 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.016 min

Lab File: VV034491.D

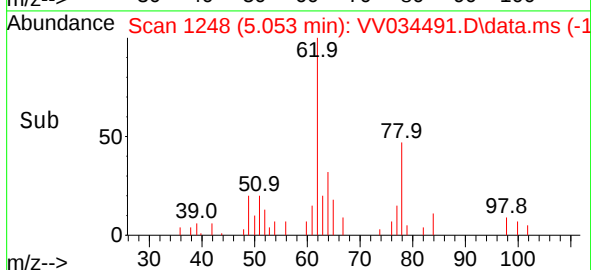
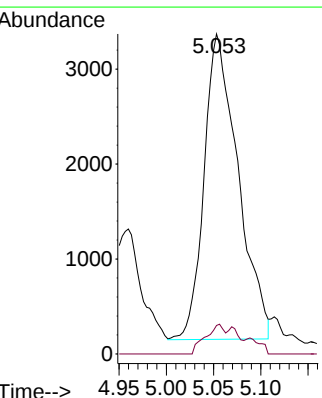
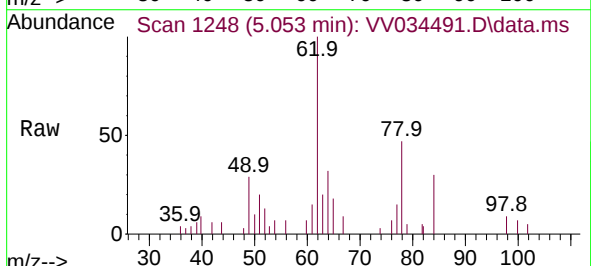
Acq: 01 Mar 2024 11:01

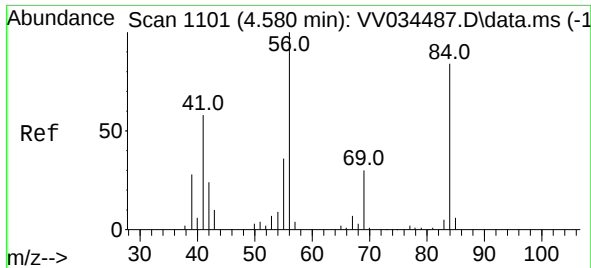
Tgt Ion: 62 Resp: 8018

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 2.408 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

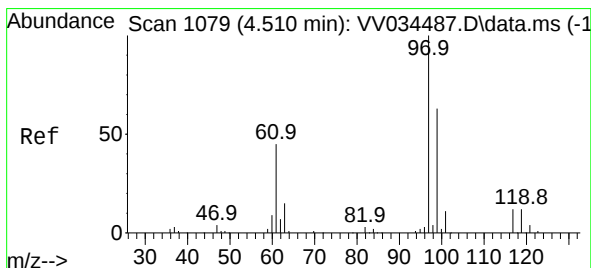
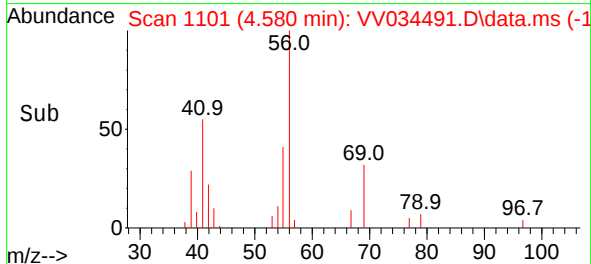
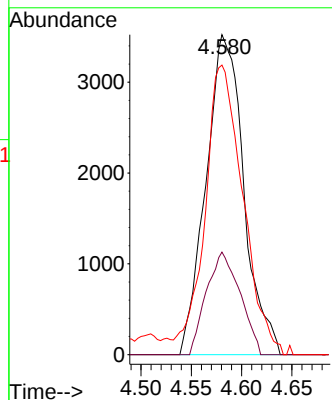
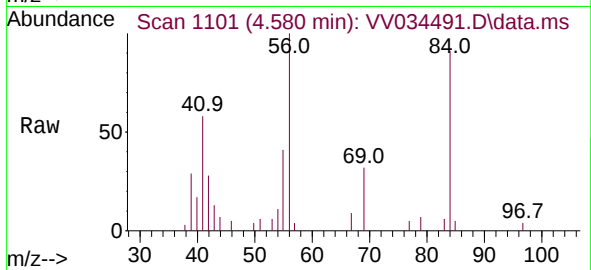
Tgt Ion: 56 Resp: 9208

Ion Ratio Lower Upper

56 100

69 28.5 24.2 36.4

84 90.8 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 2.338 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

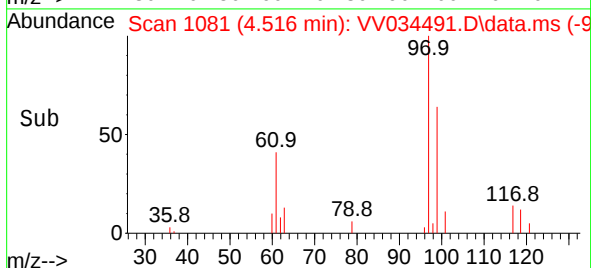
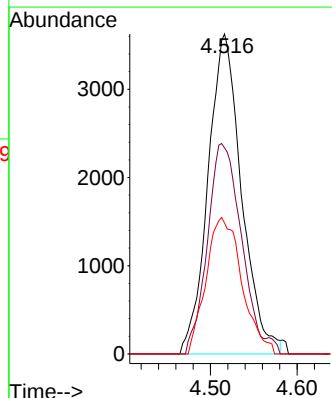
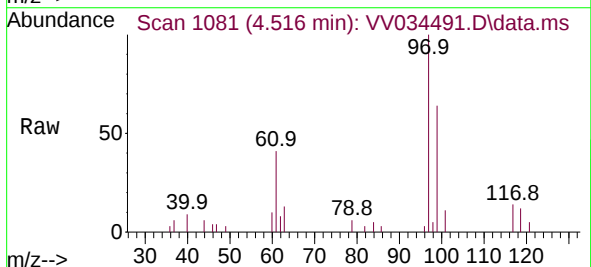
Tgt Ion: 97 Resp: 9749

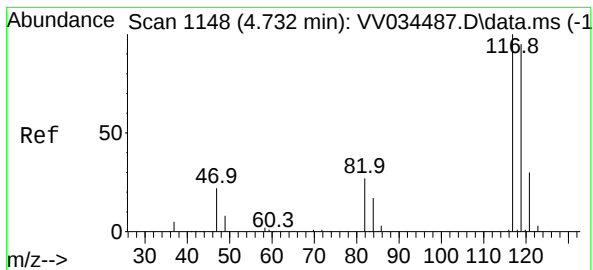
Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 29.8 36.0 54.0#





#31

Carbon tetrachloride

Concen: 2.361 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.010 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

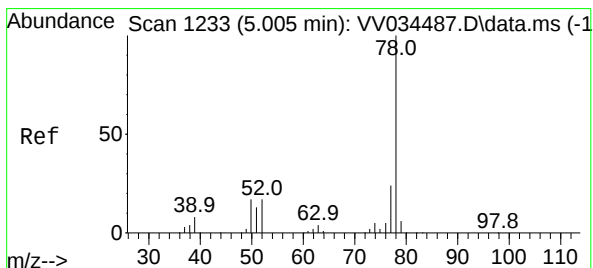
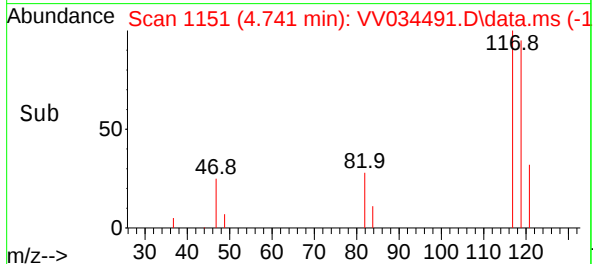
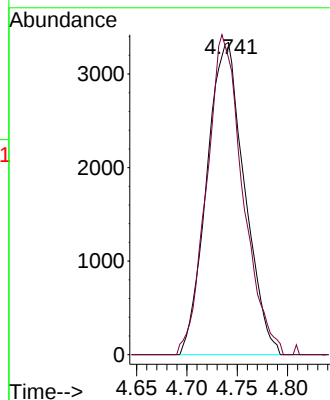
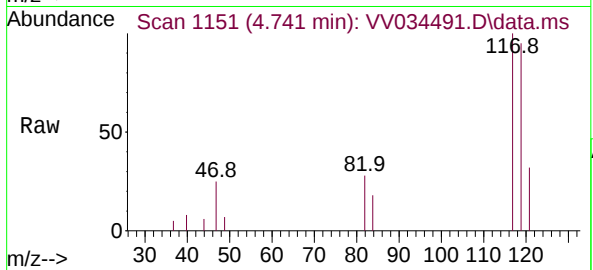
ClientSampleId :

Tgt Ion:117 Resp: 8713

Ion Ratio Lower Upper

117 100

119 98.1 77.5 116.3



#33

Benzene

Concen: 2.319 ug/L

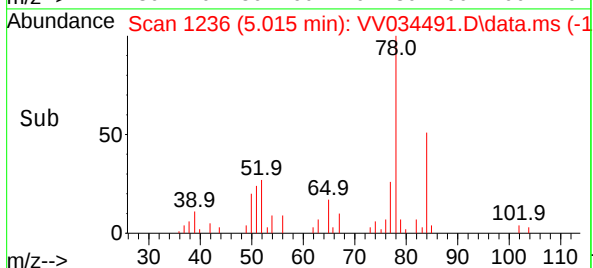
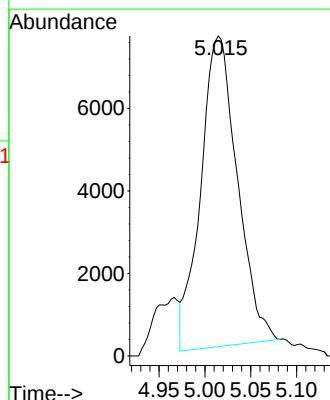
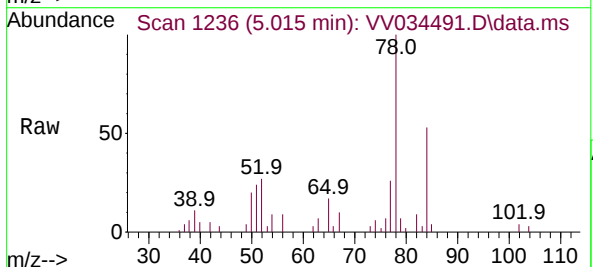
RT: 5.015 min Scan# 1236

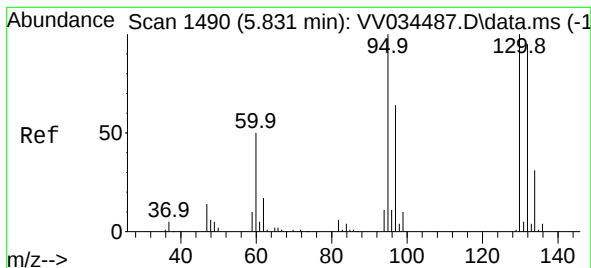
Delta R.T. 0.010 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Tgt Ion: 78 Resp: 20928





#34

Trichloroethene

Concen: 2.523 ug/L

RT: 5.844 min Scan# 1490

Delta R.T. 0.013 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6473

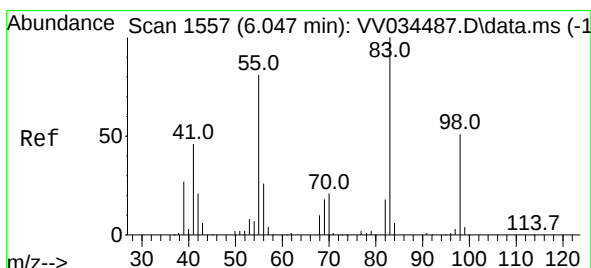
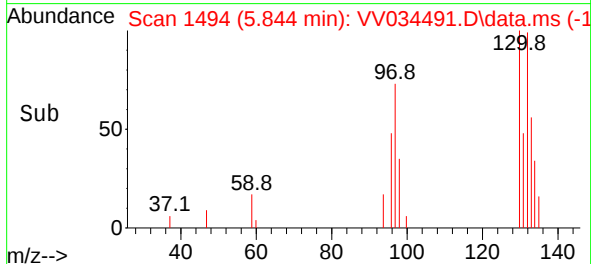
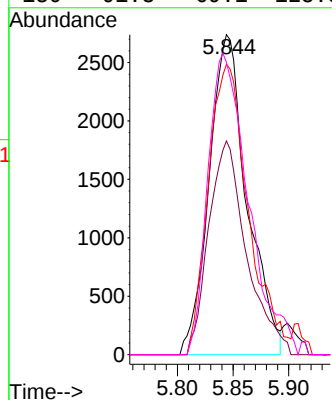
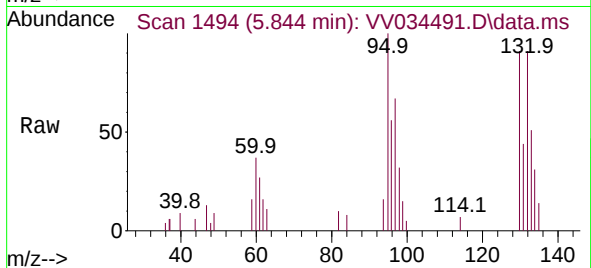
Ion Ratio Lower Upper

95 100

97 66.8 44.7 83.1

132 90.8 65.3 121.3

130 91.3 69.1 128.3



#35

Methylcyclohexane

Concen: 2.483 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

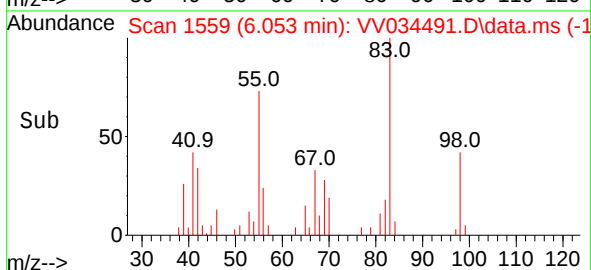
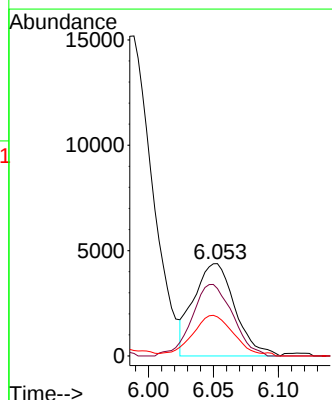
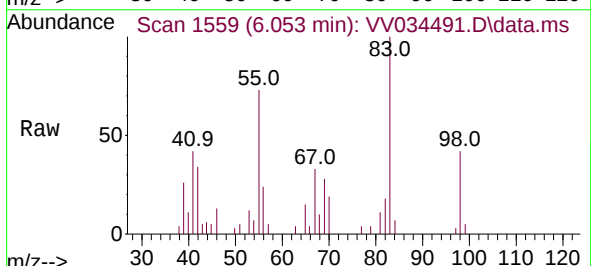
Tgt Ion: 83 Resp: 9682

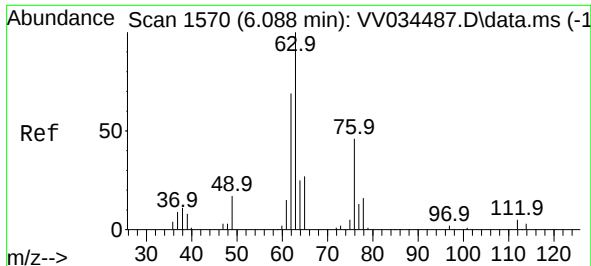
Ion Ratio Lower Upper

83 100

55 76.2 62.6 94.0

98 43.7 39.5 59.3

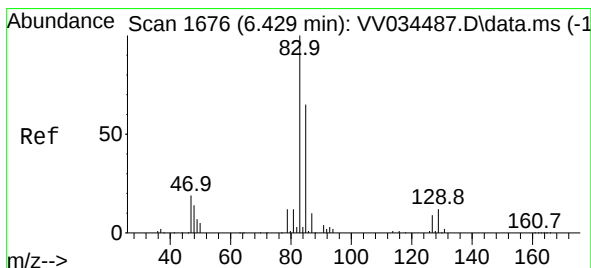
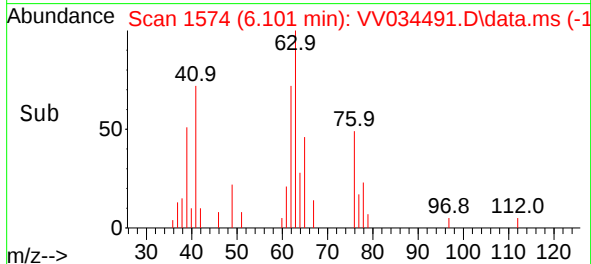
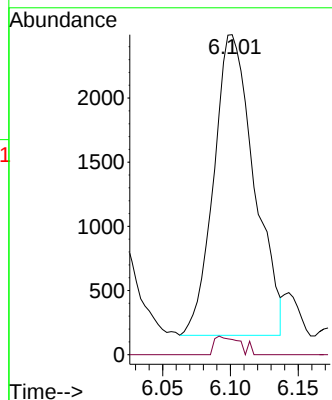
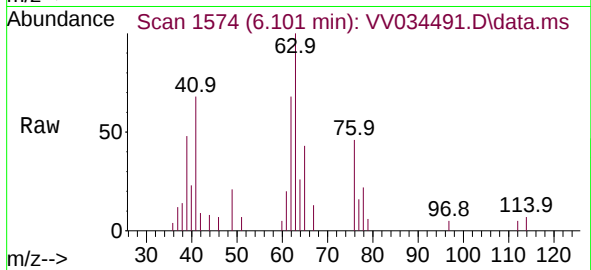




#37
1,2-Dichloropropane
Concen: 2.055 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

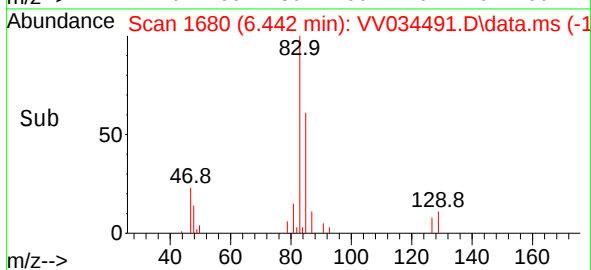
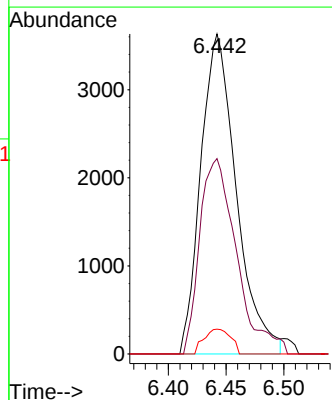
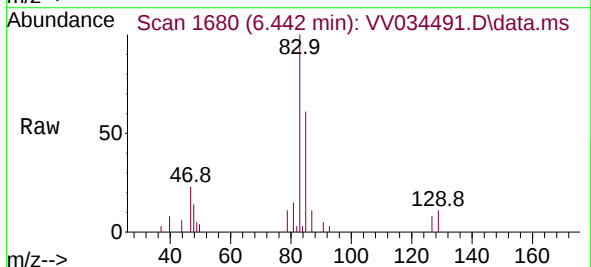
Instrument :
MSVOA_V
ClientSampleId :

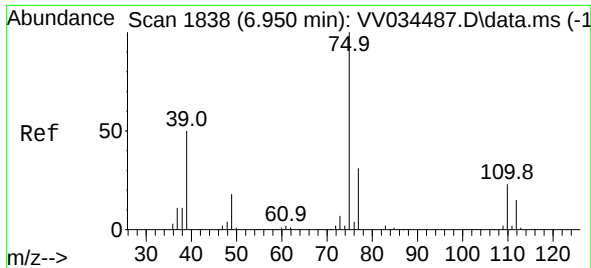
Tgt Ion: 63 Resp: 4856
Ion Ratio Lower Upper
63 100
112 3.0 3.5 5.3#



#38
Bromodichloromethane
Concen: 2.340 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 83 Resp: 7778
Ion Ratio Lower Upper
83 100
85 61.1 44.6 82.8
127 7.8 6.9 10.3

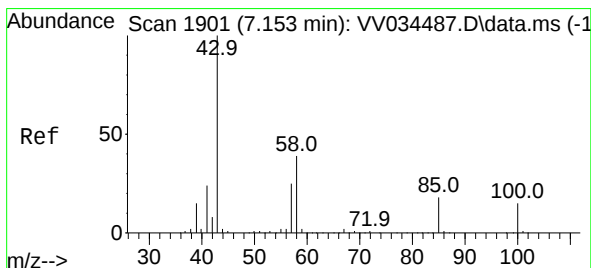
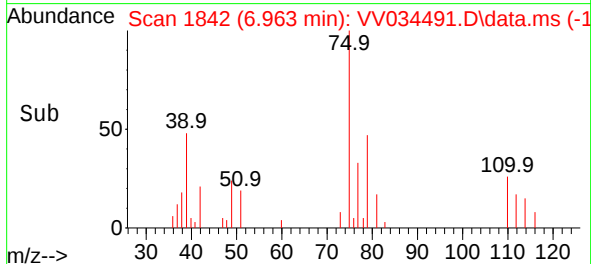
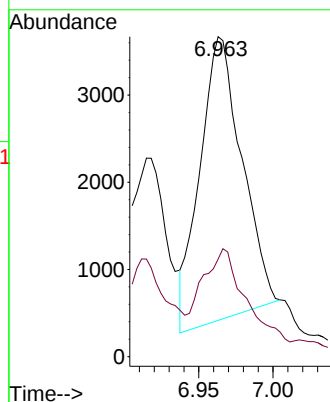
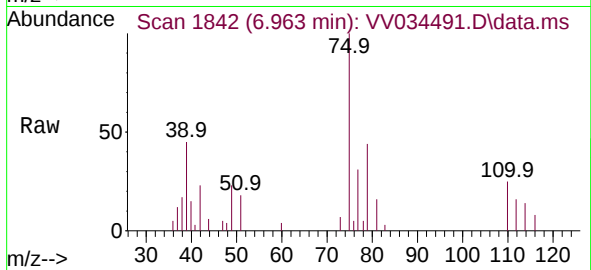




#39
 cis-1,3-Dichloropropene
 Concen: 1.672 ug/L
 RT: 6.963 min Scan# 1842
 Delta R.T. 0.013 min
 Lab File: VV034491.D
 Acq: 01 Mar 2024 11:01

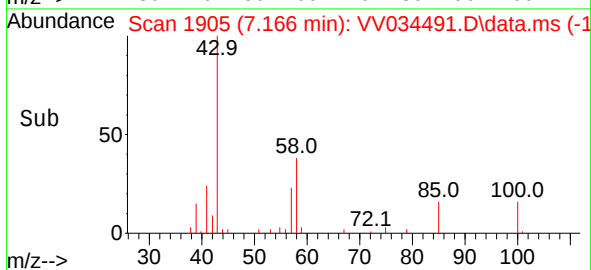
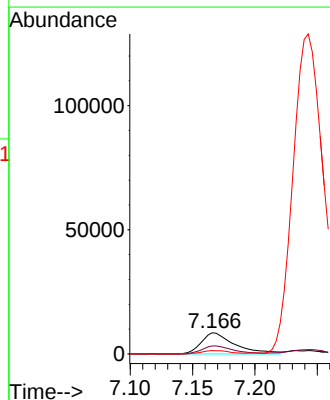
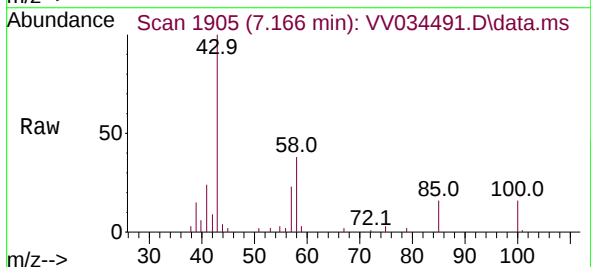
Instrument :
 MSVOA_V
 ClientSampleId :

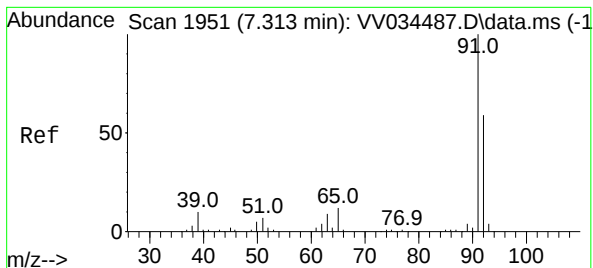
Tgt Ion: 75 Resp: 6401
 Ion Ratio Lower Upper
 75 100
 77 30.5 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 4.586 ug/L
 RT: 7.166 min Scan# 1905
 Delta R.T. 0.013 min
 Lab File: VV034491.D
 Acq: 01 Mar 2024 11:01

Tgt Ion: 43 Resp: 15978
 Ion Ratio Lower Upper
 43 100
 58 35.7 30.6 46.0
 100 13.6 12.5 18.7





#42

Toluene

Concen: 2.533 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

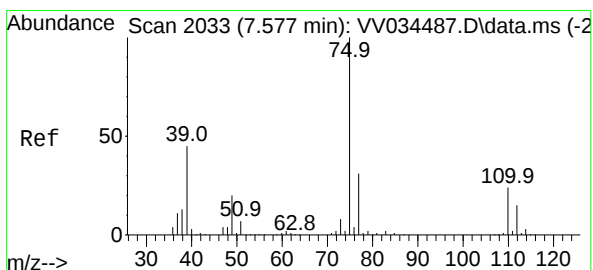
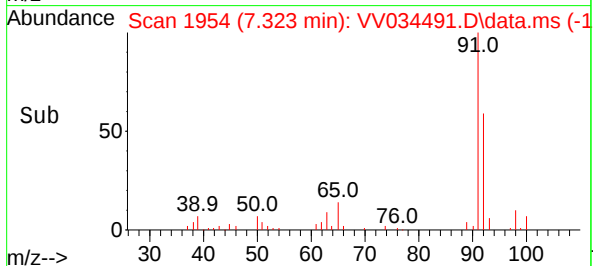
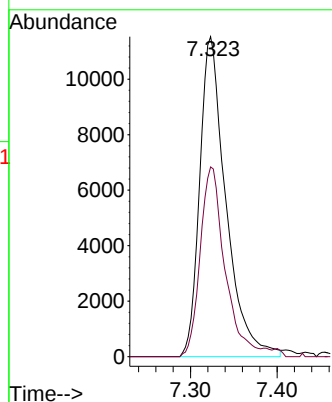
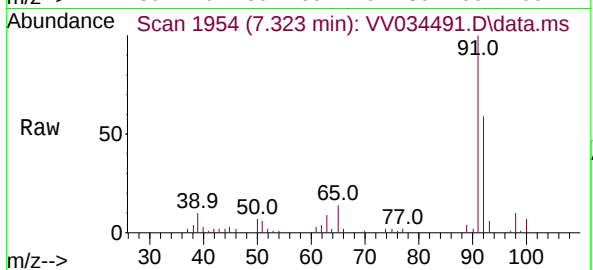
ClientSampleId :

Tgt Ion: 91 Resp: 24193

Ion Ratio Lower Upper

91 100

92 59.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 2.876 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV034491.D

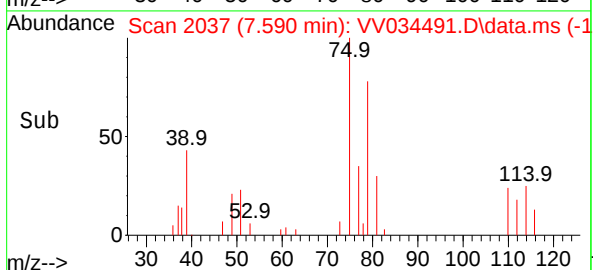
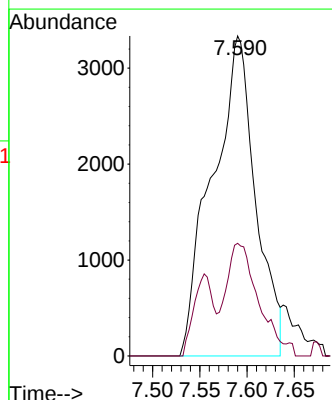
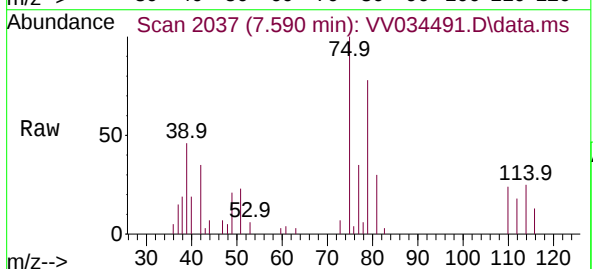
Acq: 01 Mar 2024 11:01

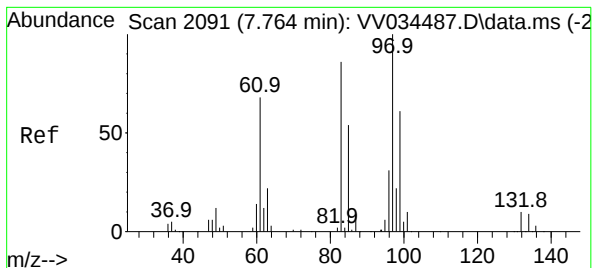
Tgt Ion: 75 Resp: 10589

Ion Ratio Lower Upper

75 100

77 35.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 2.469 ug/L

RT: 7.780 min Scan# 2091

Delta R.T. 0.016 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 5628

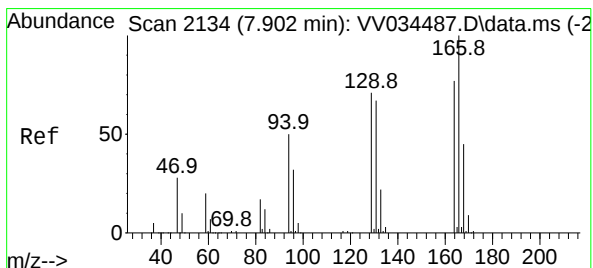
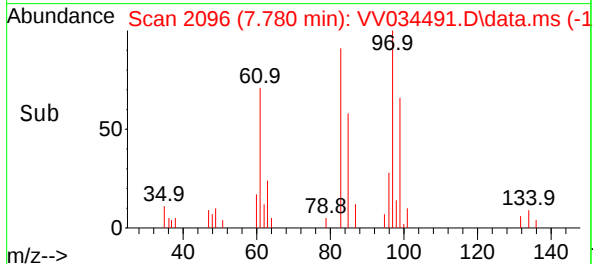
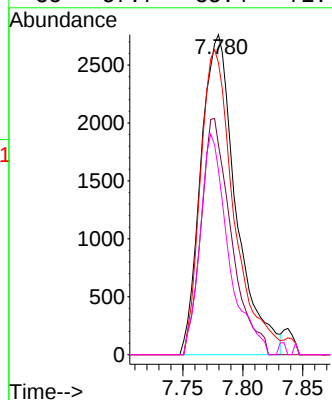
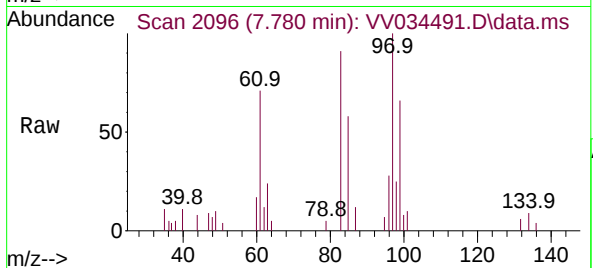
Ion Ratio Lower Upper

97 100

99 65.6 43.8 81.4

83 91.2 59.4 110.2

85 57.7 38.4 71.4



#46

Tetrachloroethene

Concen: 2.510 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Tgt Ion:164 Resp: 4789

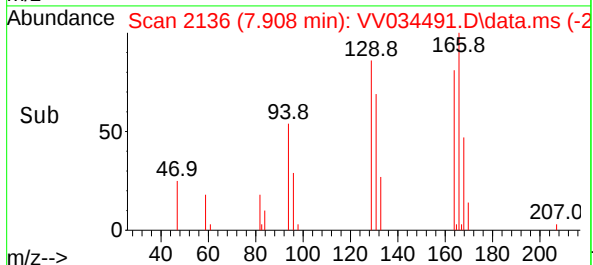
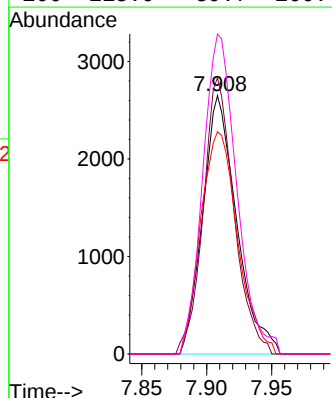
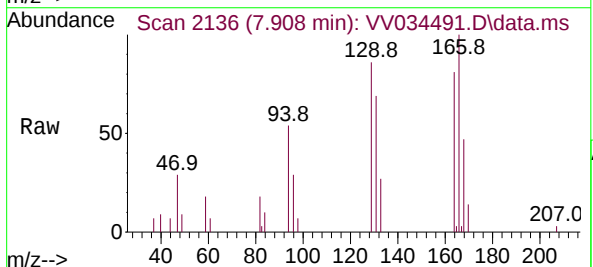
Ion Ratio Lower Upper

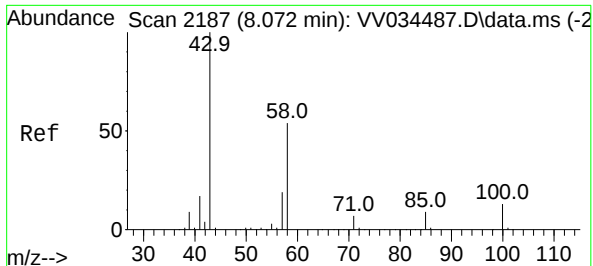
164 100

129 102.6 65.7 121.9

131 82.6 62.2 115.6

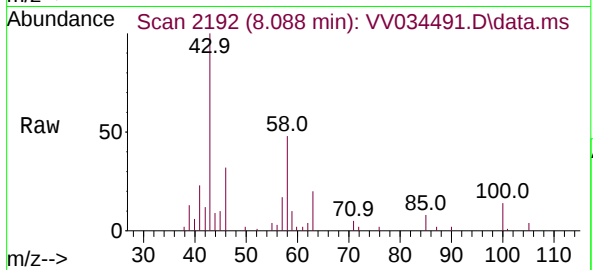
166 118.9 89.7 166.7



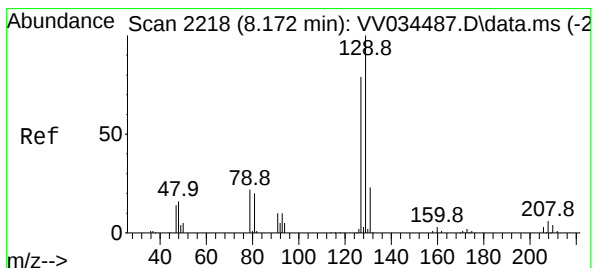
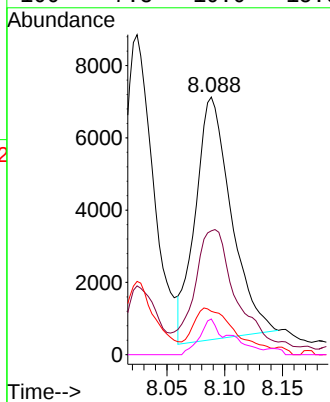
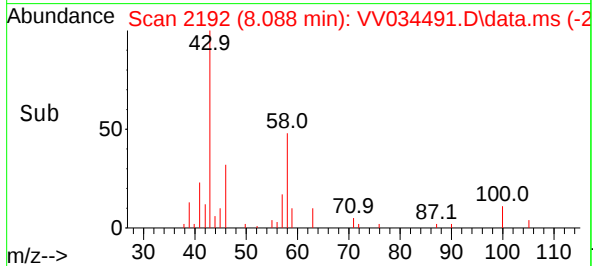


#48
2-Hexanone
Concen: 5.241 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :

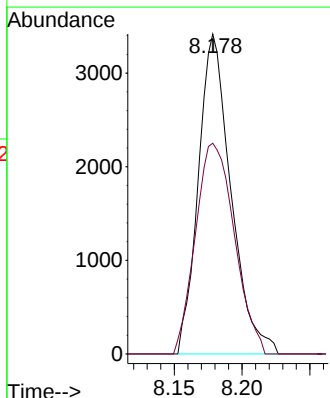
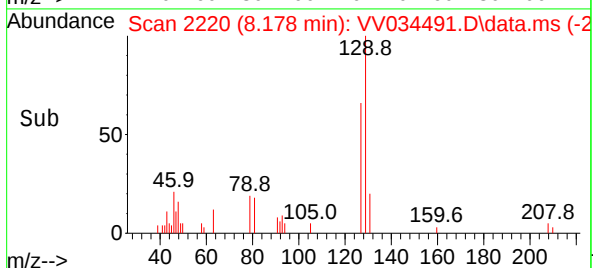
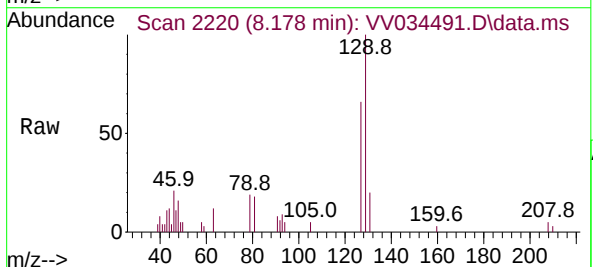


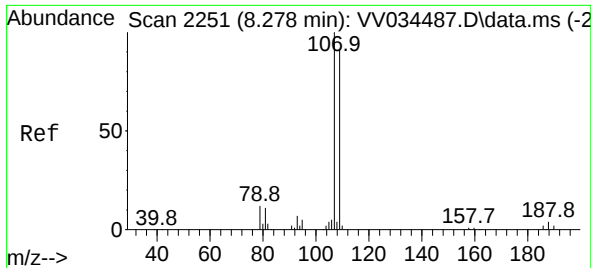
Tgt Ion: 43 Resp: 14550
Ion Ratio Lower Upper
43 100
58 52.3 42.0 63.0
57 22.9 15.2 22.8#
100 7.8 10.0 15.0#



#49
Dibromochloromethane
Concen: 2.372 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 129 Resp: 5707
Ion Ratio Lower Upper
129 100
127 65.9 53.3 98.9

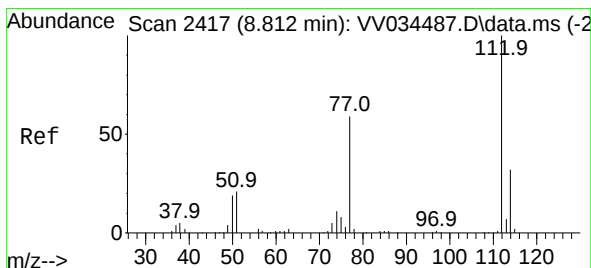
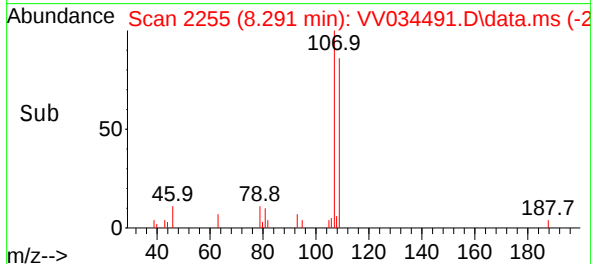
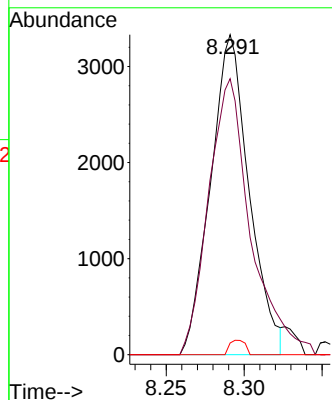
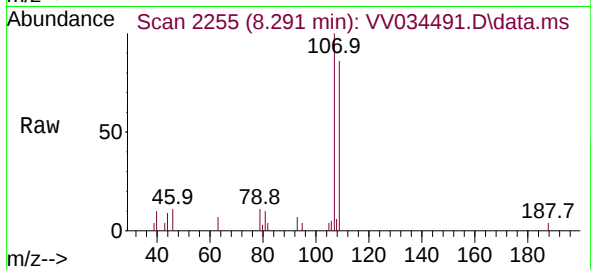




#50
1,2-Dibromoethane
Concen: 2.365 ug/L
RT: 8.291 min Scan# 2418
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

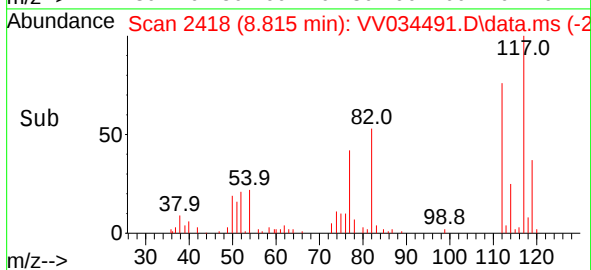
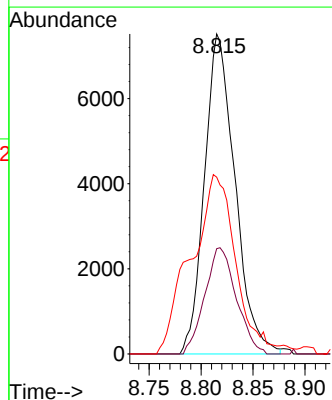
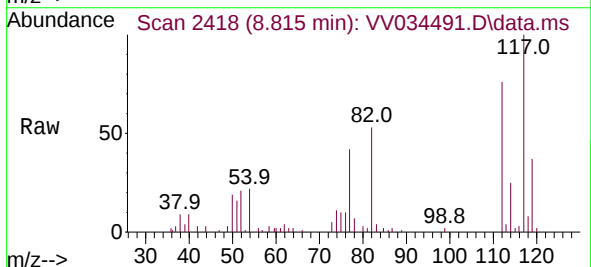
Instrument :
MSVOA_V
ClientSampleId :

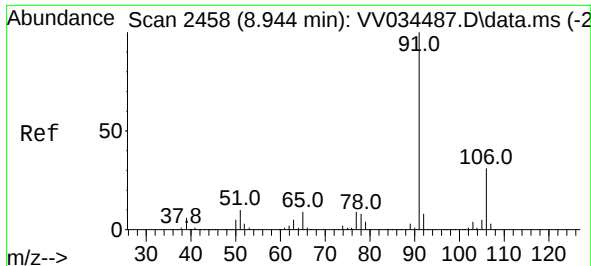
Tgt Ion:	107	Resp:	5722
Ion	Ratio	Lower	Upper
107	100		
109	86.3	66.5	123.5
188	3.6	3.4	5.2



#51
Chlorobenzene
Concen: 2.486 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:	112	Resp:	15352
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.3	41.5
77	55.3	47.7	71.5

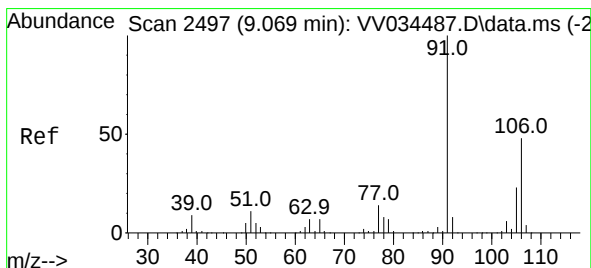
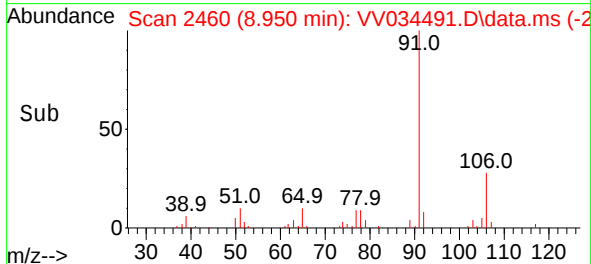
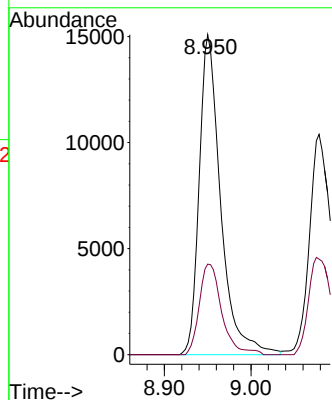
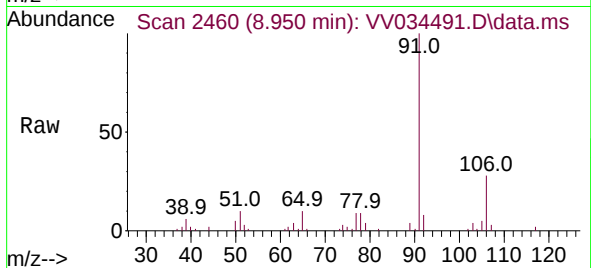




#52
Ethylbenzene
Concen: 2.427 ug/L
RT: 8.950 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

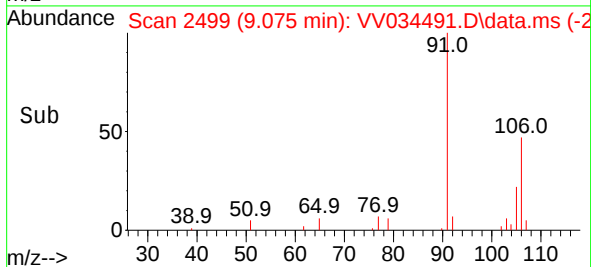
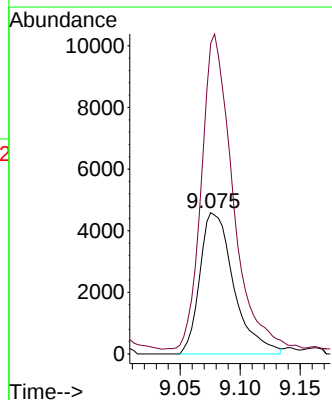
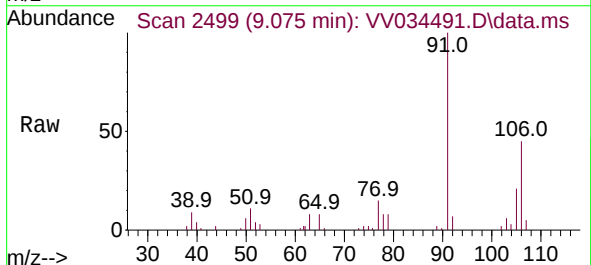
Instrument :
MSVOA_V
ClientSampleId :

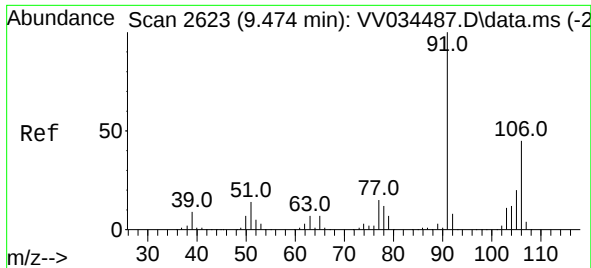
Tgt Ion: 91 Resp: 25969
Ion Ratio Lower Upper
91 100
106 28.3 21.3 39.5



#53
m,p-Xylene
Concen: 2.225 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 106 Resp: 9036
Ion Ratio Lower Upper
106 100
91 220.0 145.3 269.9

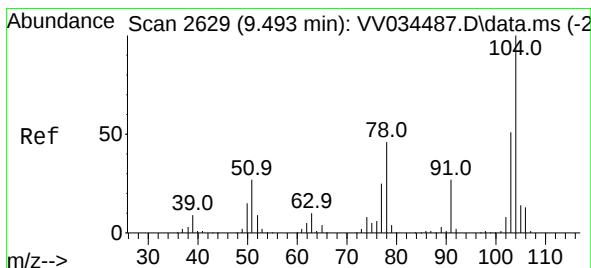
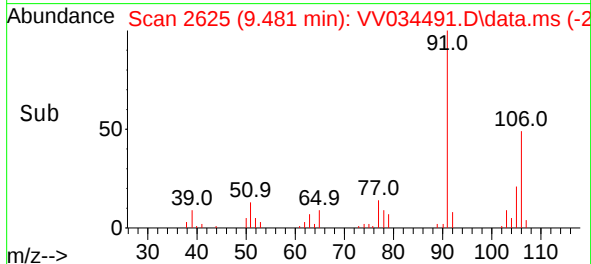
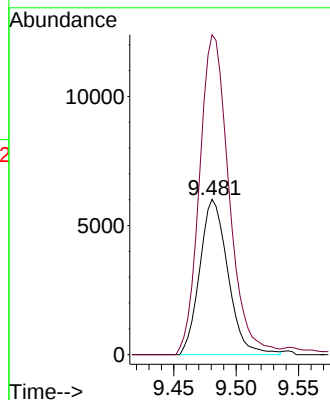
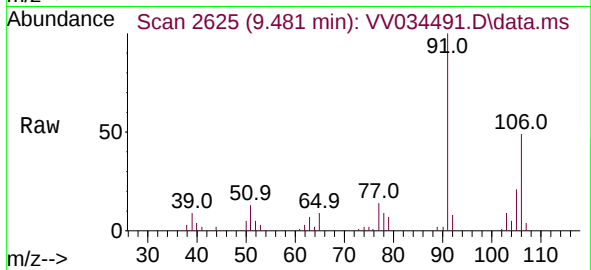




#54
o-Xylene
Concen: 2.381 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

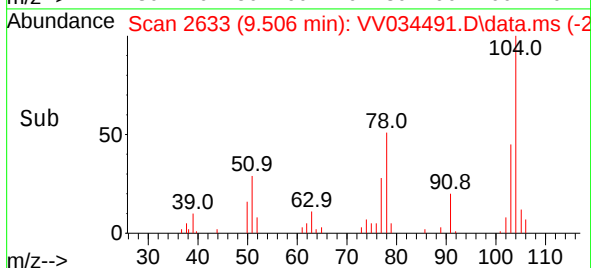
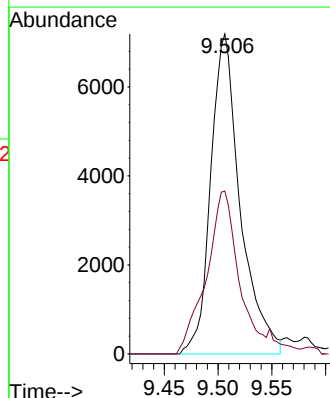
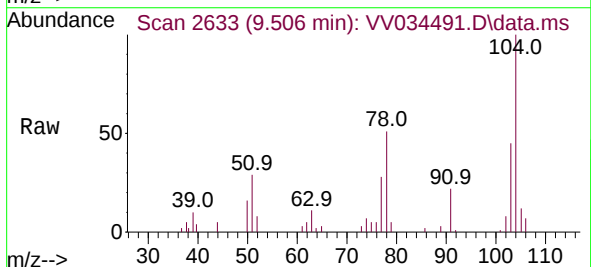
Instrument :
MSVOA_V
ClientSampleId :

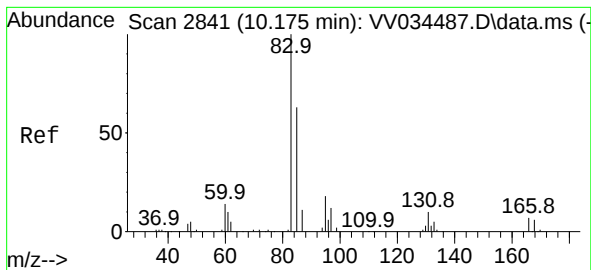
Tgt Ion:106 Resp: 9467
Ion Ratio Lower Upper
106 100
91 206.1 152.2 282.7



#55
Styrene
Concen: 2.039 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.013 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:104 Resp: 13732
Ion Ratio Lower Upper
104 100
78 50.9 33.0 61.4

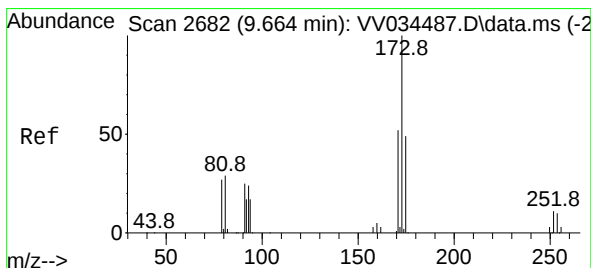
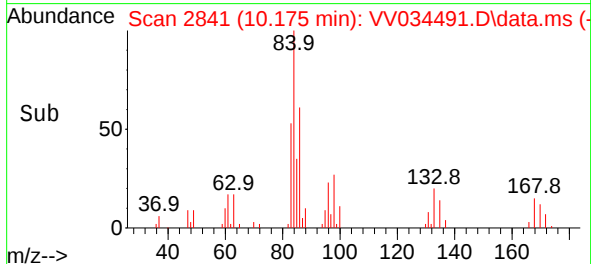
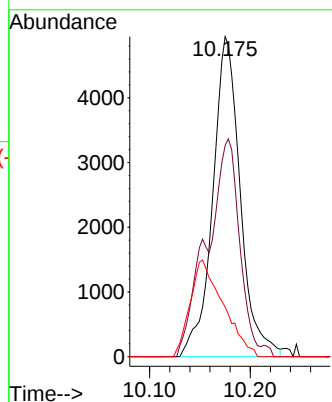
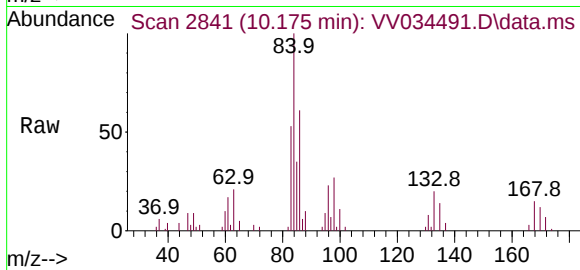




#57
1,1,2,2-Tetrachloroethane
Concen: 2.753 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

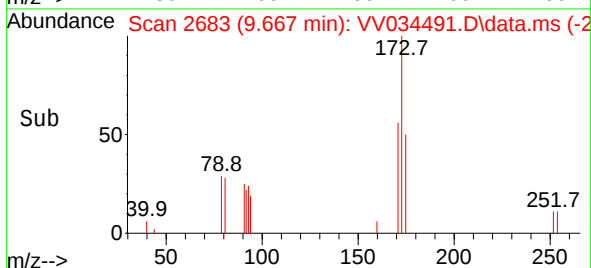
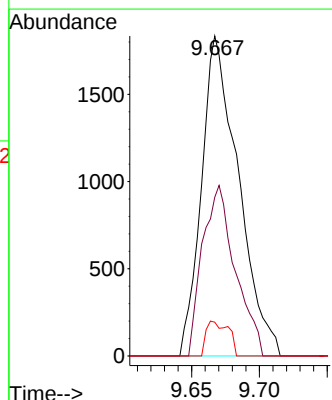
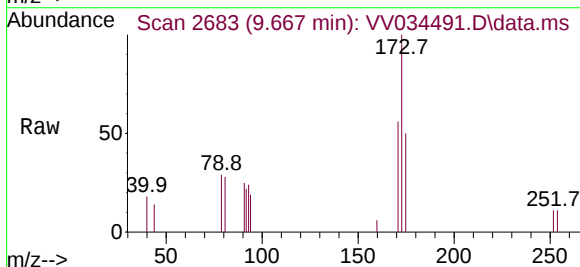
Instrument :
MSVOA_V
ClientSampleId :

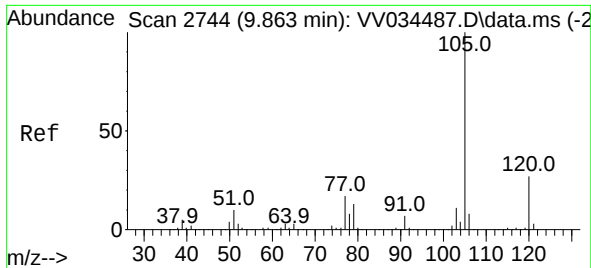
Tgt Ion: 83 Resp: 9425
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.2
131 15.5 8.3 12.5#



#59
Bromoform
Concen: 2.239 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 173 Resp: 3471
Ion Ratio Lower Upper
173 100
175 47.2 39.1 58.7
254 3.9 7.8 11.8#

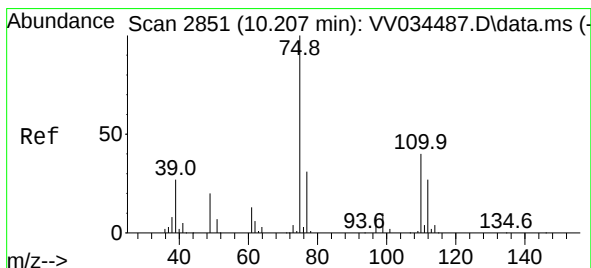
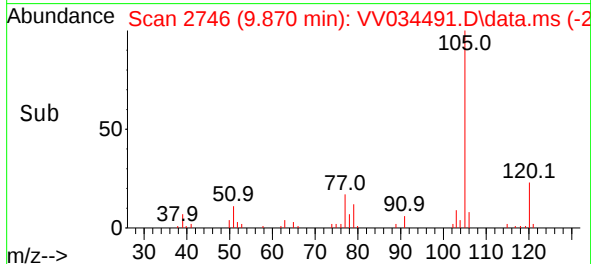
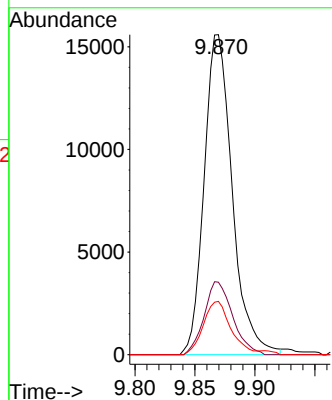
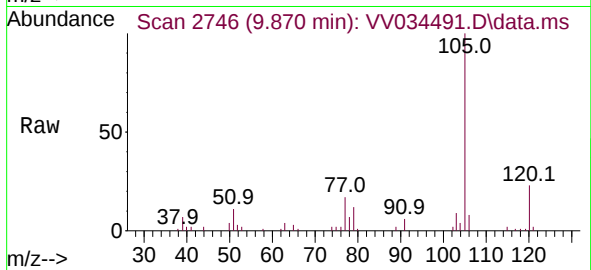




#60
Isopropylbenzene
Concen: 2.572 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

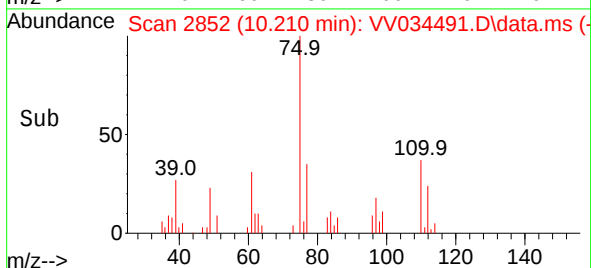
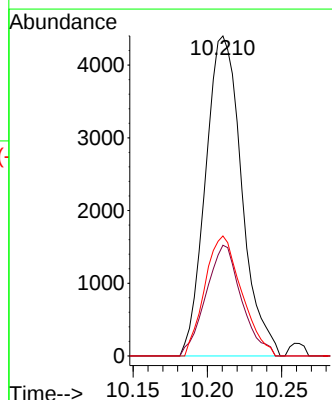
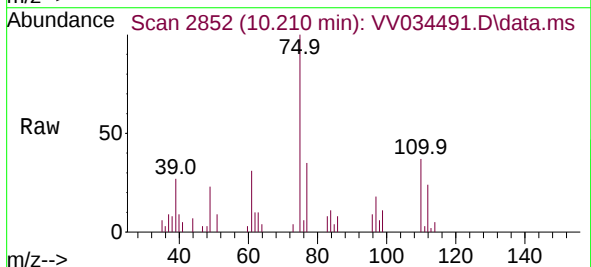
Instrument :
MSVOA_V
ClientSampleId :

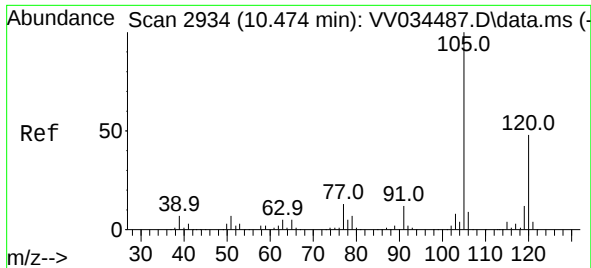
Tgt Ion:105 Resp: 25437
Ion Ratio Lower Upper
105 100
120 23.1 20.8 31.2
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 2.794 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion: 75 Resp: 7459
Ion Ratio Lower Upper
75 100
77 34.0 25.9 38.9
110 38.2 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 2.392 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

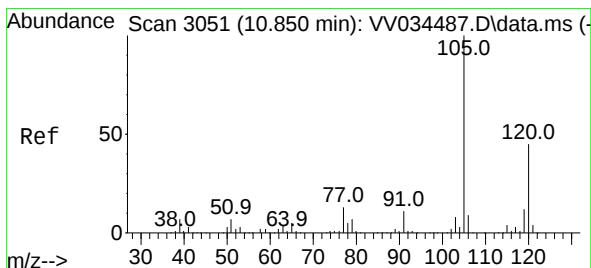
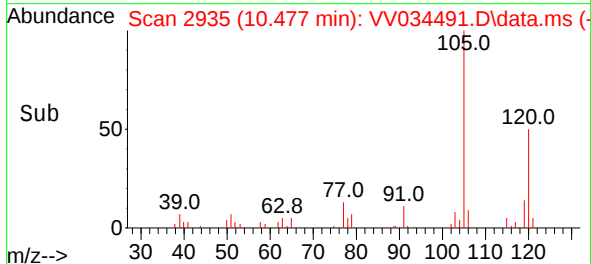
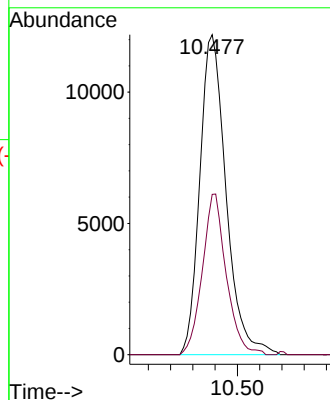
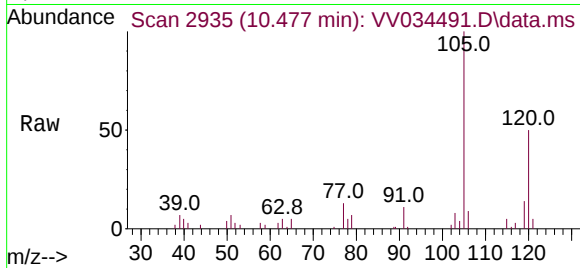
ClientSampleId :

Tgt Ion:105 Resp: 19958

Ion Ratio Lower Upper

105 100

120 45.8 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 2.332 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034491.D

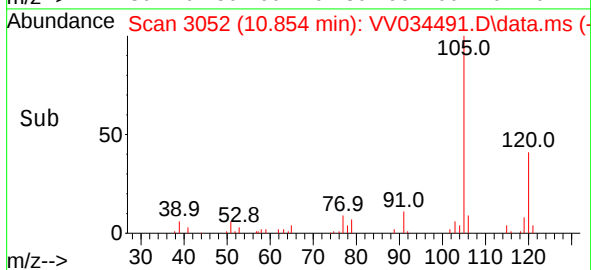
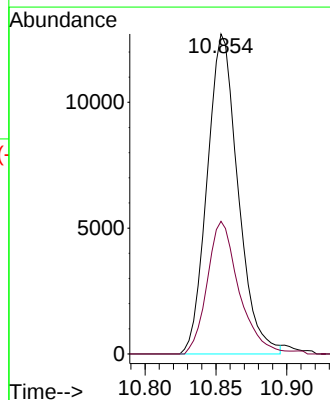
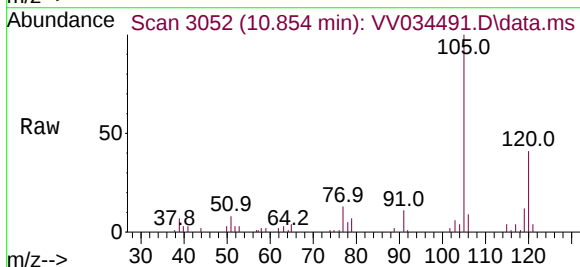
Acq: 01 Mar 2024 11:01

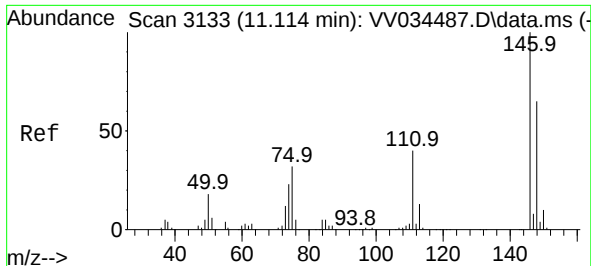
Tgt Ion:105 Resp: 19245

Ion Ratio Lower Upper

105 100

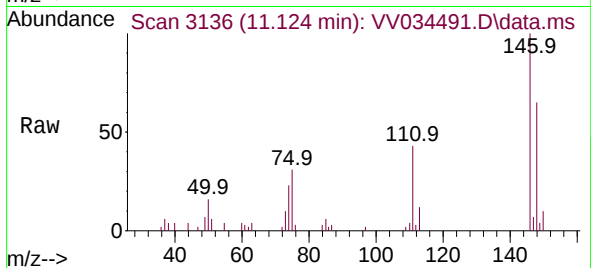
120 42.7 36.2 54.4



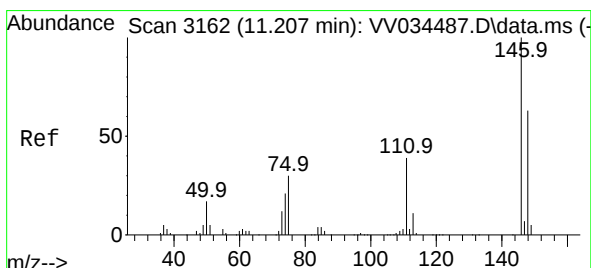
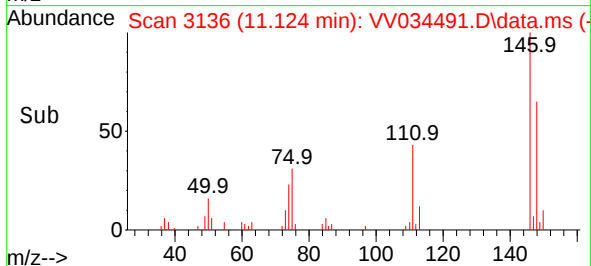
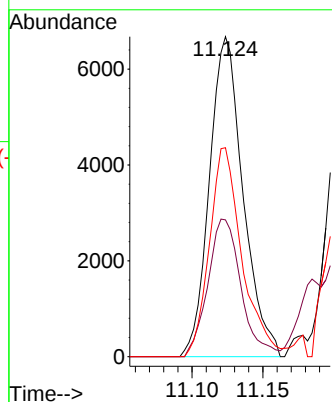


#64
1,3-Dichlorobenzene
Concen: 2.407 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :

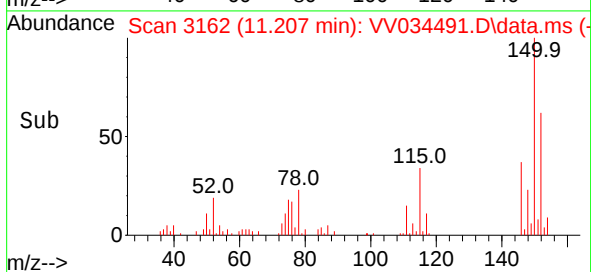
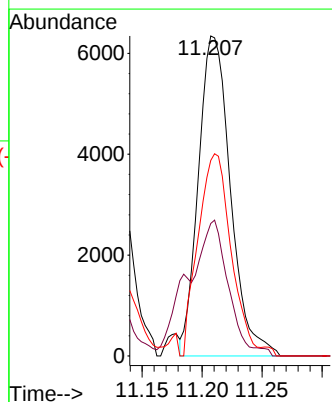
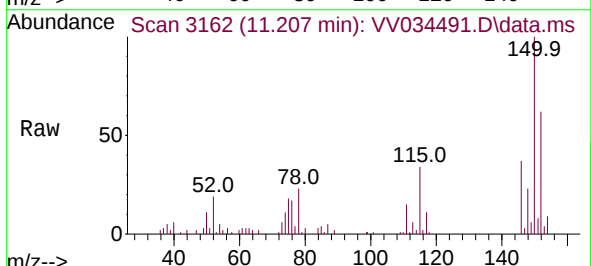


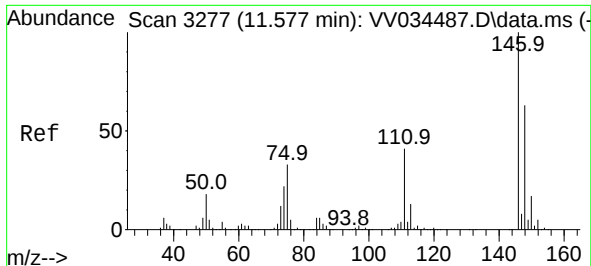
Tgt Ion:146 Resp: 11005
Ion Ratio Lower Upper
146 100
111 42.8 27.9 51.7
148 65.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 2.545 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:146 Resp: 11818
Ion Ratio Lower Upper
146 100
111 41.4 26.5 49.1
148 61.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 2.662 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

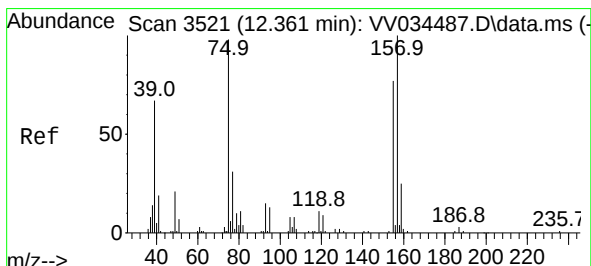
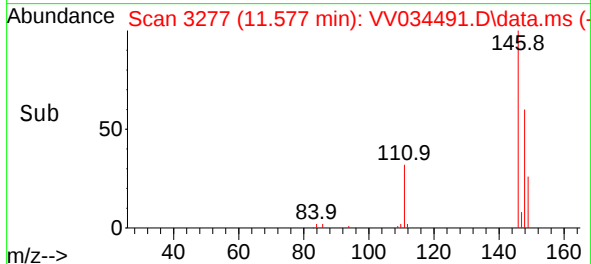
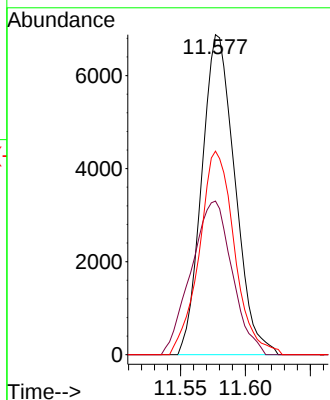
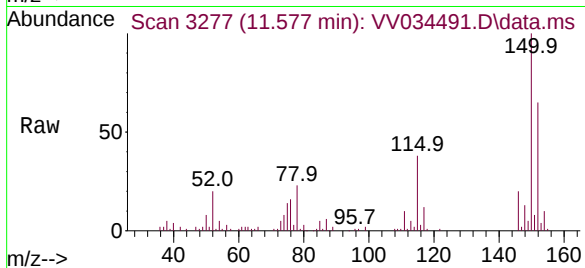
Tgt Ion:146 Resp: 12199

Ion Ratio Lower Upper

146 100

111 48.0 33.8 50.8

148 63.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 2.124 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.006 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

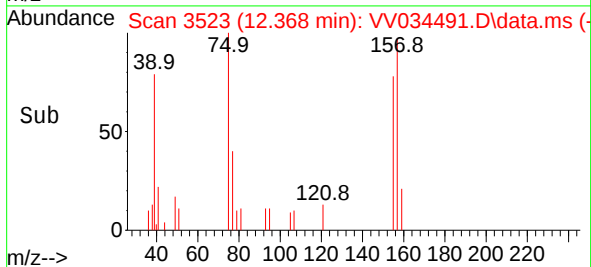
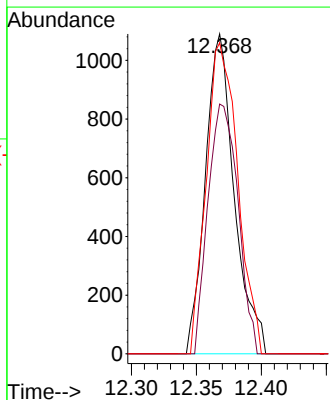
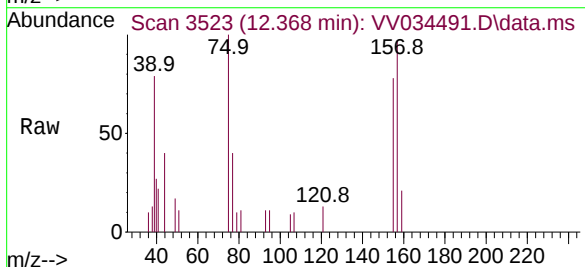
Tgt Ion: 75 Resp: 1689

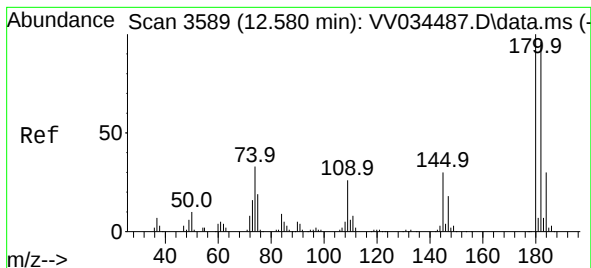
Ion Ratio Lower Upper

75 100

155 78.1 63.3 94.9

157 97.2 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 2.227 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.006 min

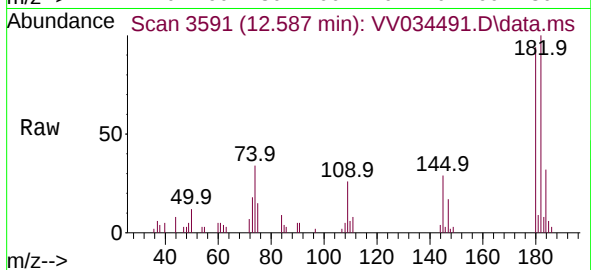
Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 7641

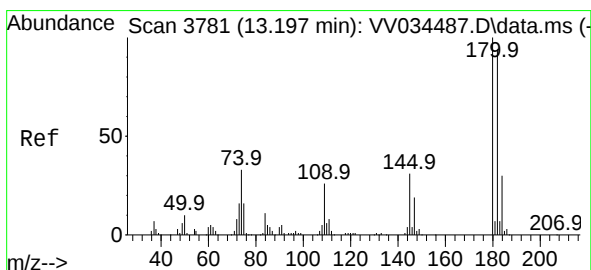
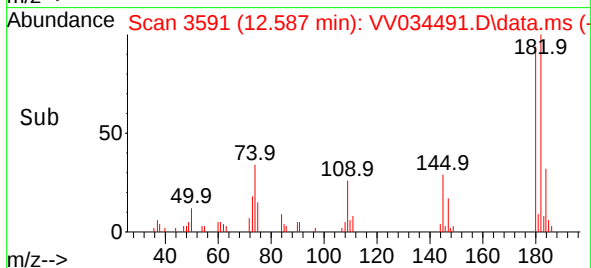
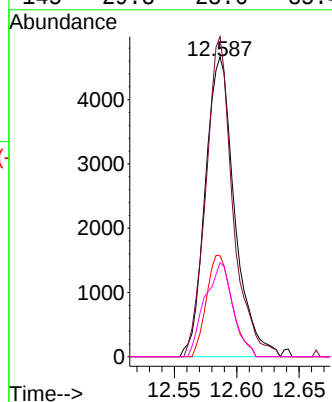
Ion Ratio Lower Upper

180 100

182 97.6 74.6 112.0

184 29.6 23.6 35.4

145 29.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.171 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034491.D

Acq: 01 Mar 2024 11:01

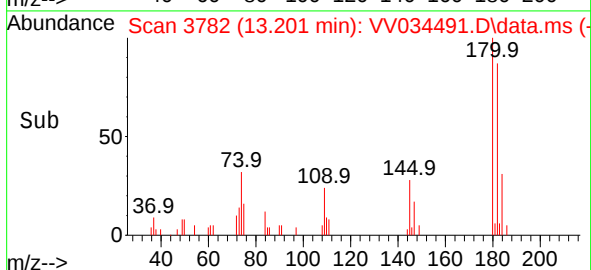
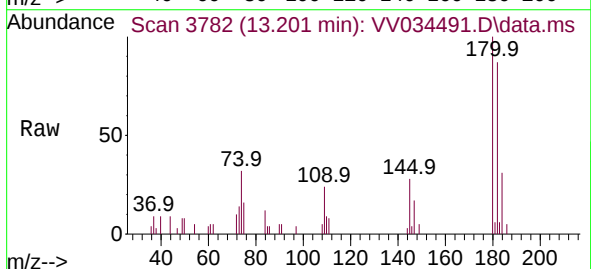
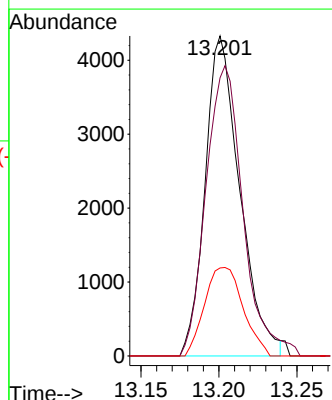
Tgt Ion:180 Resp: 6700

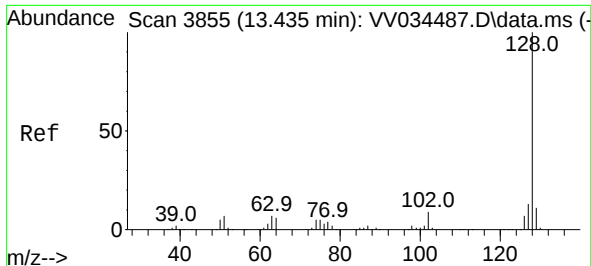
Ion Ratio Lower Upper

180 100

182 96.8 74.8 112.2

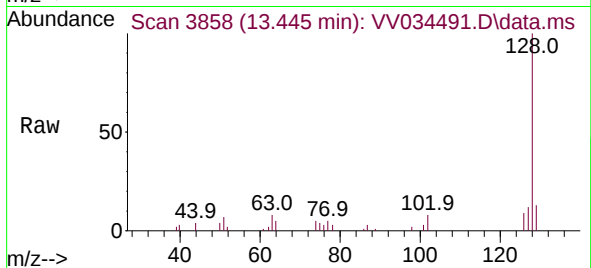
145 30.6 24.2 36.4



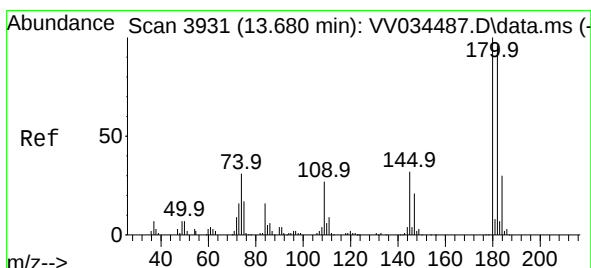
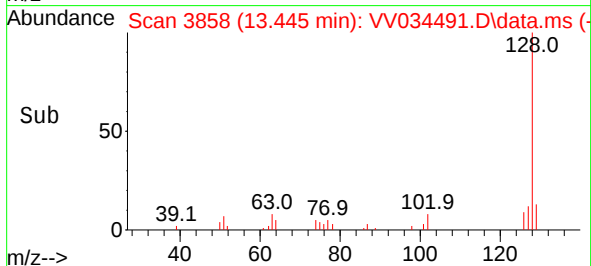
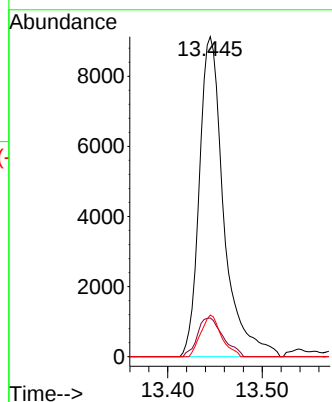


#71
Naphthalene
Concen: 1.985 ug/L
RT: 13.445 min Scan# 3855
Delta R.T. 0.010 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 16390
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.287 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034491.D
Acq: 01 Mar 2024 11:01

Tgt Ion:180 Resp: 6888
Ion Ratio Lower Upper
180 100
182 94.0 75.9 113.9
145 29.3 25.5 38.3

