

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030124\
 Data File : VV034492.D
 Acq On : 01 Mar 2024 11:25
 Operator : SY/MD
 Sample : P1601-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 22:20:22 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	299163	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	136149	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109408	42.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.380%
7) Chloroethane-d5	1.532	69	88696	43.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.059	65	49606	42.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.580%
21) 2-Butanone-d5	3.793	46	173205	99.869	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.870%
24) Chloroform-d	4.249	84	202130	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
26) 1,2-Dichloroethane-d4	4.940	65	141961	47.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
32) Benzene-d6	4.960	84	384014	44.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	5.989	67	122531	46.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.540%
41) Toluene-d8	7.243	98	340735	43.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	7.554	79	55125	41.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.800%
47) 2-Hexanone-d5	8.024	63	126991	97.069	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.070%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	162030	46.996	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	133523	47.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	7844	2.500	ug/L	100
3) Chloromethane	1.217	50	8366	2.713	ug/L	98
5) Vinyl chloride	1.285	62	7866	2.628	ug/L #	82
6) Bromomethane	1.490	94	4920	2.740	ug/L	96
8) Chloroethane	1.548	64	4251	2.390	ug/L	100
9) Trichlorofluoromethane	1.712	101	11138	2.485	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7136	2.954	ug/L #	84
12) 1,1-Dichloroethene	2.069	96	6940	3.098	ug/L #	1
13) Acetone	2.124	43	11707	5.615	ug/L	95
14) Carbon disulfide	2.240	76	14951	2.405	ug/L	98
15) Methyl Acetate	2.387	43	6709	2.515	ug/L	99
16) Methylene chloride	2.449	84	6616	2.784	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	5189	2.393	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	19069	2.449	ug/L	98
19) 1,1-Dichloroethane	3.117	63	10146	2.389	ug/L	92
20) cis-1,2-Dichloroethene	3.821	96	5795	2.463	ug/L	80
23) Bromochloromethane	4.159	128	2770	2.277	ug/L #	87
29) Cyclohexane	4.587	56	8876	2.372	ug/L #	93
30) 1,1,1-Trichloroethane	4.510	97	9923	2.433	ug/L #	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030124\
 Data File : VV034492.D
 Acq On : 01 Mar 2024 11:25
 Operator : SY/MD
 Sample : P1601-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 22:20:22 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

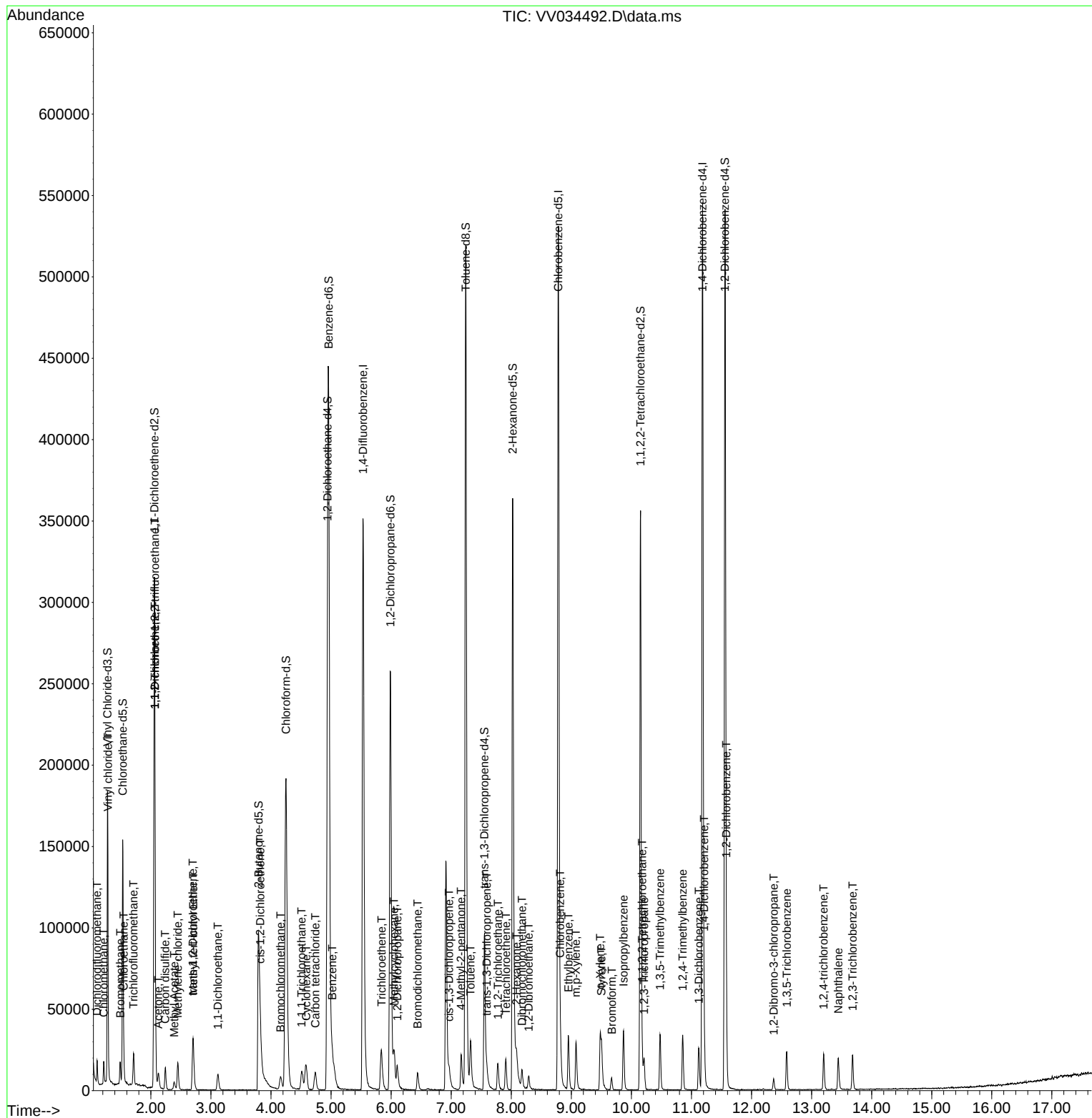
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.738	117	7954	2.203	ug/L	95
33) Benzene	5.018	78	19520	2.211	ug/L	100
34) Trichloroethene	5.841	95	6403	2.551	ug/L	86
35) Methylcyclohexane	6.050	83	9120	2.390	ug/L	97
37) 1,2-Dichloropropane	6.101	63	4655	2.014	ug/L	98
38) Bromodichloromethane	6.442	83	7910	2.433	ug/L	89
39) cis-1,3-Dichloropropene	6.966	75	8114	2.167	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	16596	4.869	ug/L #	93
42) Toluene	7.323	91	22527	2.411	ug/L	92
44) trans-1,3-Dichloropropene	7.590	75	6812	1.891	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	5323	2.387	ug/L	93
46) Tetrachloroethene	7.911	164	4432	2.375	ug/L	98
48) 2-Hexanone	8.088	43	15836	5.830	ug/L #	93
49) Dibromochloromethane	8.181	129	5260	2.235	ug/L	98
50) 1,2-Dibromoethane	8.291	107	5688	2.403	ug/L	92
51) Chlorobenzene	8.815	112	15193	2.515	ug/L	99
52) Ethylbenzene	8.953	91	24206	2.312	ug/L	100
53) m,p-Xylene	9.078	106	8196	2.063	ug/L	92
54) o-Xylene	9.480	106	8540	2.195	ug/L	91
55) Styrene	9.503	104	14144	2.147	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.178	83	9208	2.749	ug/L #	90
59) Bromoform	9.673	173	3307	2.191	ug/L #	92
60) Isopropylbenzene	9.869	105	23656	2.457	ug/L	96
61) 1,2,3-Trichloropropane	10.213	75	7443	2.864	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	19741	2.430	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	18819	2.343	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	11067	2.486	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	11805	2.611	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	12097	2.712	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.371	75	1913	2.471	ug/L	93
69) 1,3,5-Trichlorobenzene	12.586	180	7370	2.207	ug/L	94
70) 1,2,4-trichlorobenzene	13.200	180	6516	2.168	ug/L	98
71) Naphthalene	13.445	128	17165	2.135	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	6895	2.352	ug/L	99

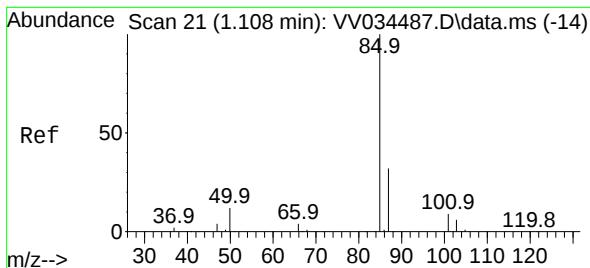
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030124\
 Data File : VV034492.D
 Acq On : 01 Mar 2024 11:25
 Operator : SY/MD
 Sample : P1601-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 22:20:22 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

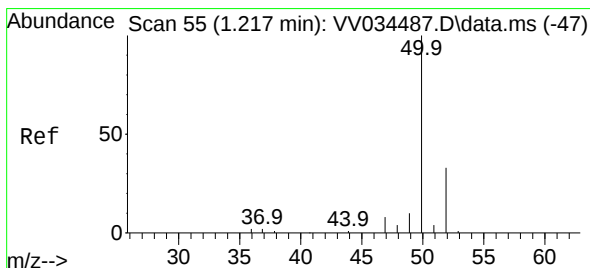
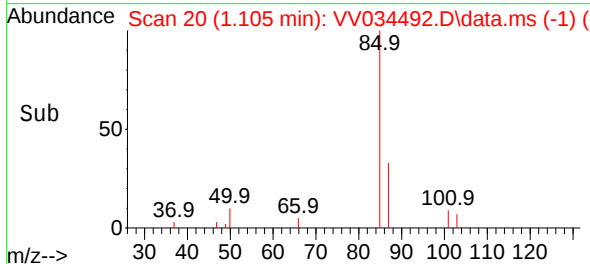
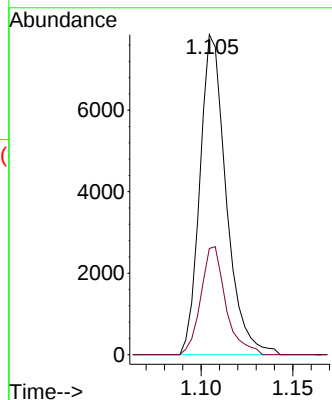
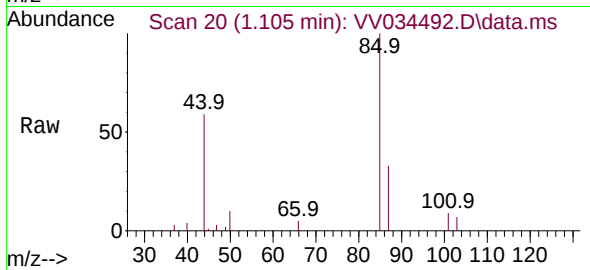




#2
Dichlorodifluoromethane
Concen: 2.500 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

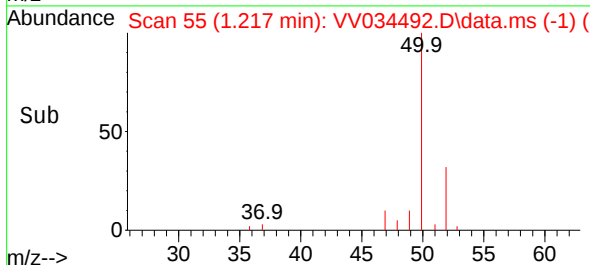
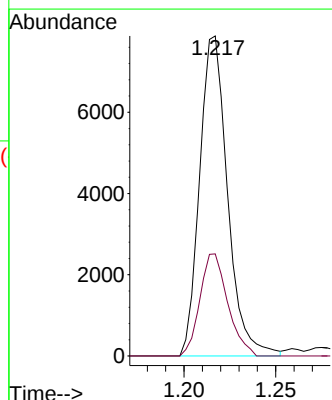
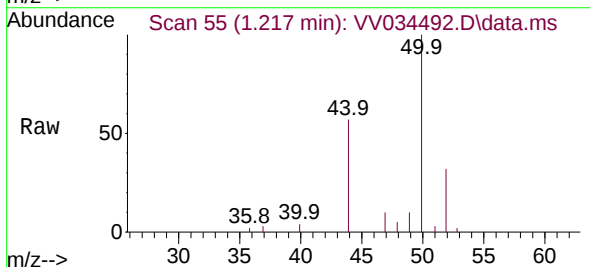
Instrument :
MSVOA_V
ClientSampleId :

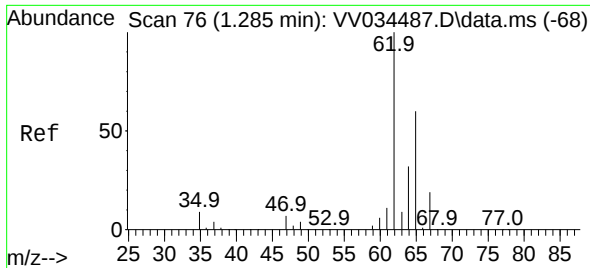
Tgt Ion: 85 Resp: 7844
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 2.713 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 50 Resp: 8366
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.8

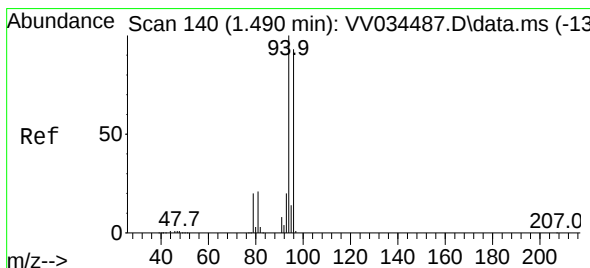
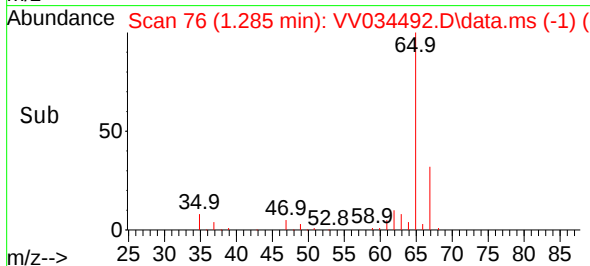
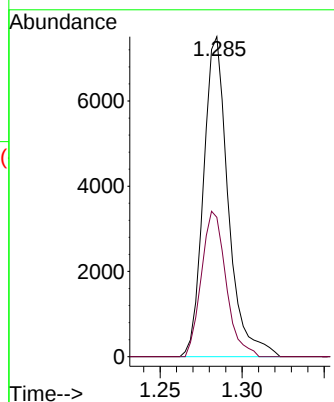
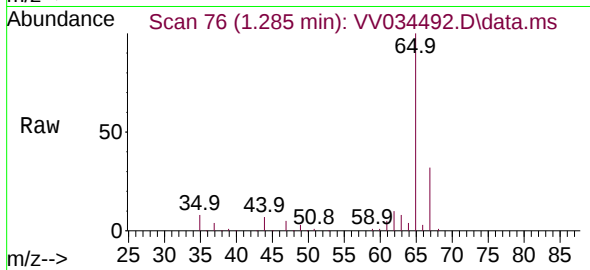




#5
 Vinyl chloride
 Concen: 2.628 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034492.D
 Acq: 01 Mar 2024 11:25

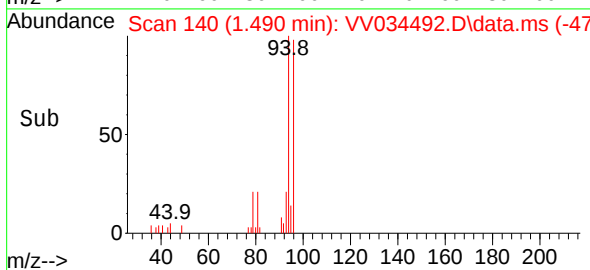
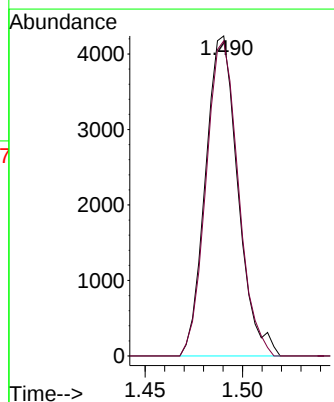
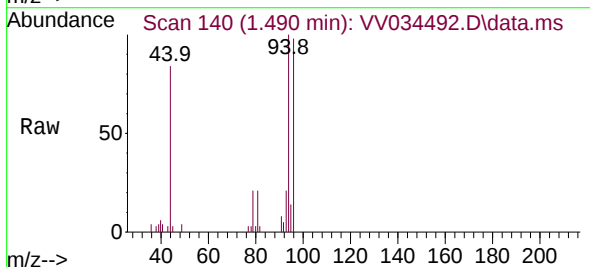
Instrument :
 MSVOA_V
 ClientSampleId :

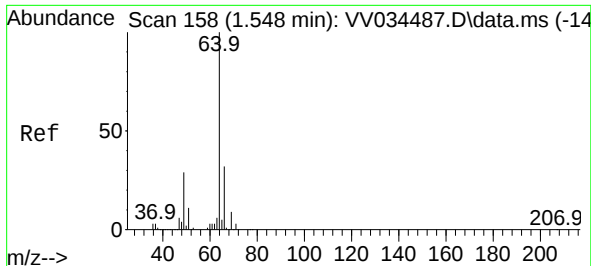
Tgt Ion: 62 Resp: 7866
 Ion Ratio Lower Upper
 62 100
 64 43.6 23.4 43.6#



#6
 Bromomethane
 Concen: 2.740 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034492.D
 Acq: 01 Mar 2024 11:25

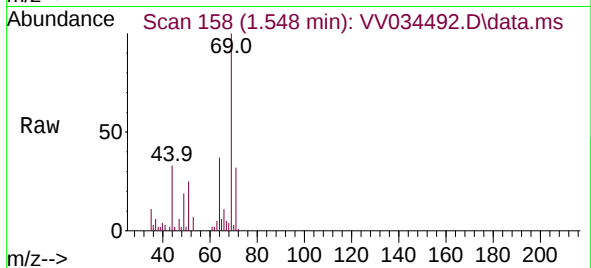
Tgt Ion: 94 Resp: 4920
 Ion Ratio Lower Upper
 94 100
 96 98.4 66.0 122.6



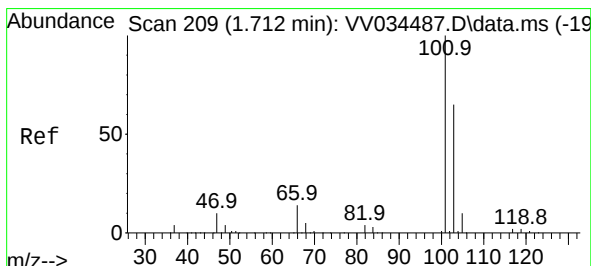
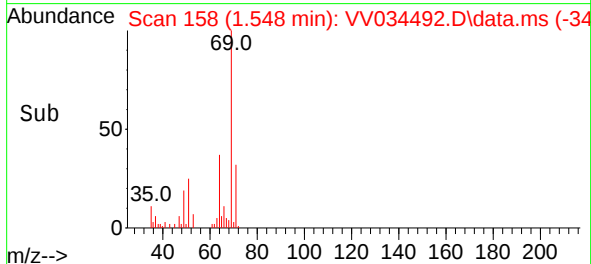
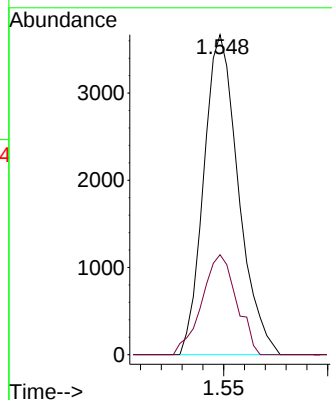


#8
Chloroethane
Concen: 2.390 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :

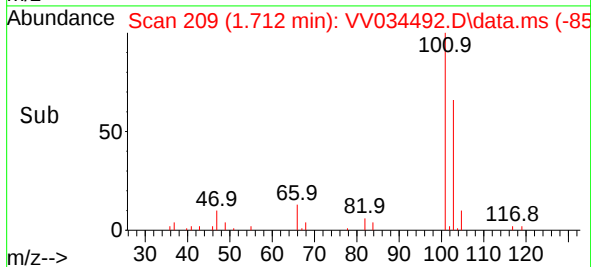
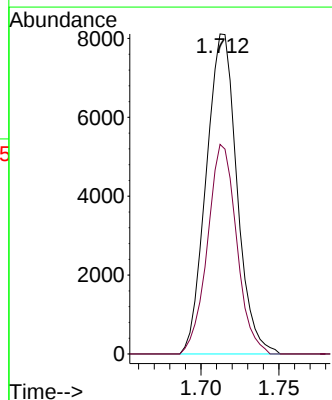
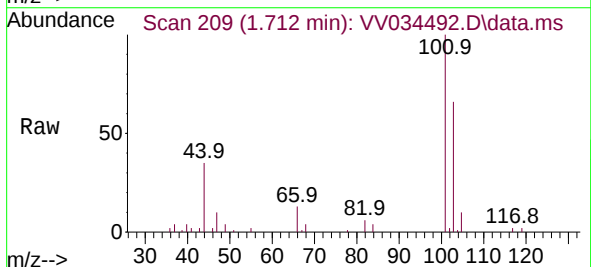


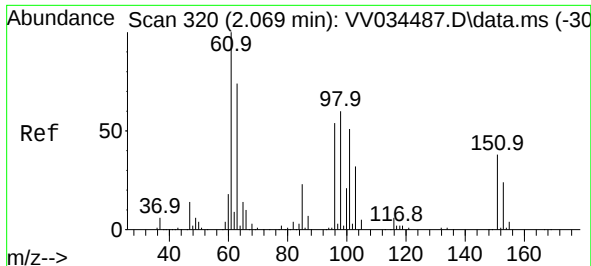
Tgt Ion: 64 Resp: 4251
Ion Ratio Lower Upper
64 100
66 31.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 2.485 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

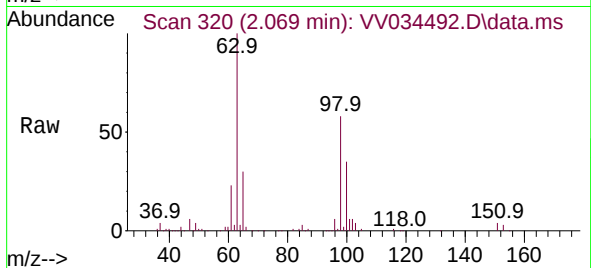
Tgt Ion: 101 Resp: 11138
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.8



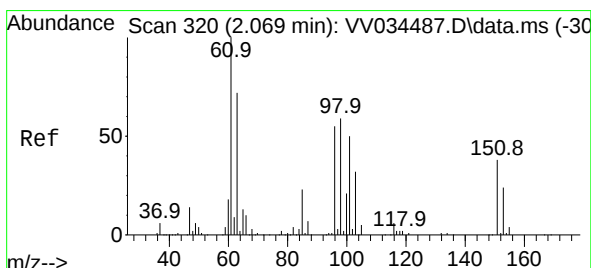
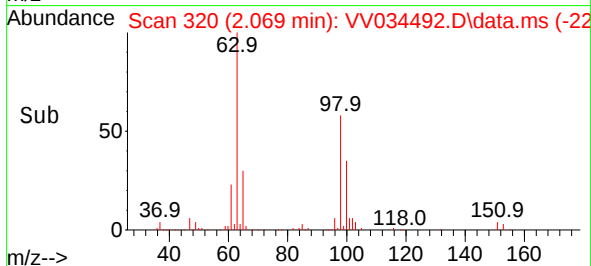
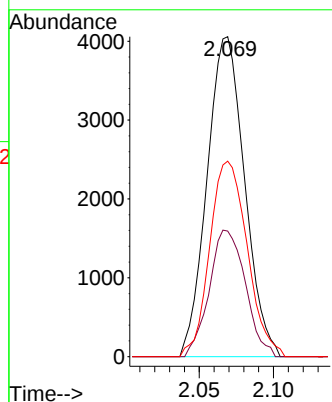


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.954 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034492.D
 Acq: 01 Mar 2024 11:25

Instrument :
 MSVOA_V
 ClientSampleId :

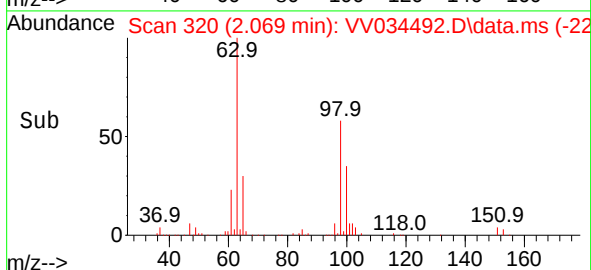
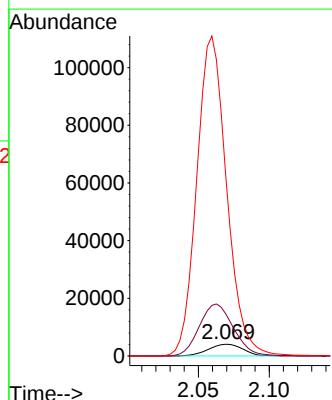
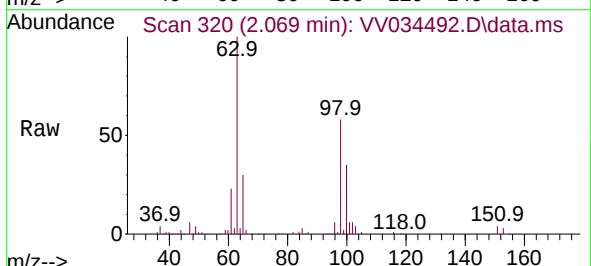


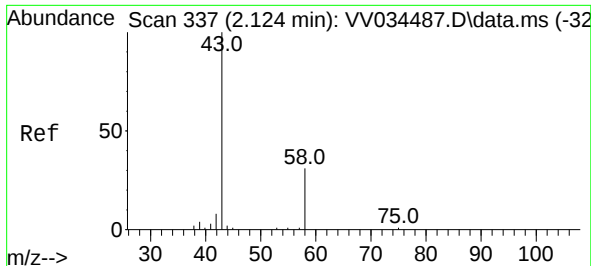
Tgt Ion:101 Resp: 7136
 Ion Ratio Lower Upper
 101 100
 85 37.9 37.4 56.0
 151 61.1 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 3.098 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034492.D
 Acq: 01 Mar 2024 11:25

Tgt Ion: 96 Resp: 6940
 Ion Ratio Lower Upper
 96 100
 61 362.1 128.9 239.3#
 63 1562.1 98.0 182.0#





#13

Acetone

Concen: 5.615 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.000 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

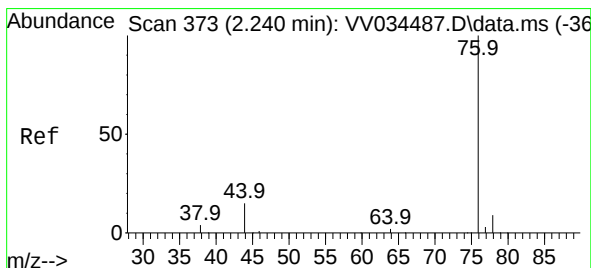
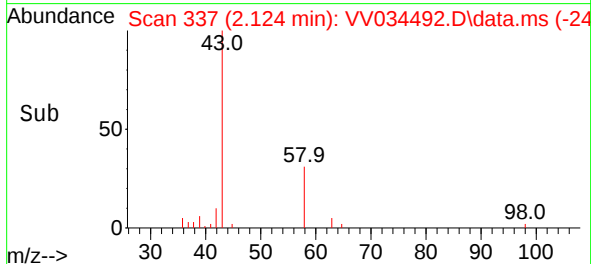
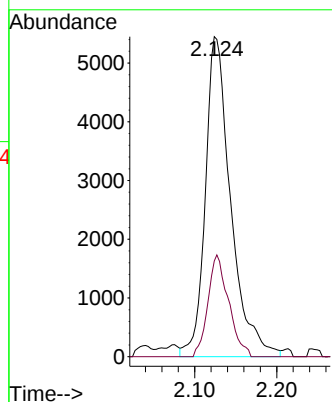
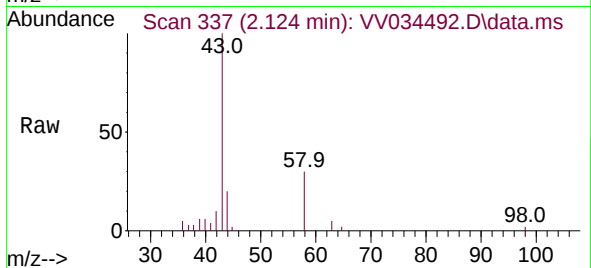
ClientSampleId :

Tgt Ion: 43 Resp: 11707

Ion Ratio Lower Upper

43 100

58 25.9 0.0 57.2



#14

Carbon disulfide

Concen: 2.405 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034492.D

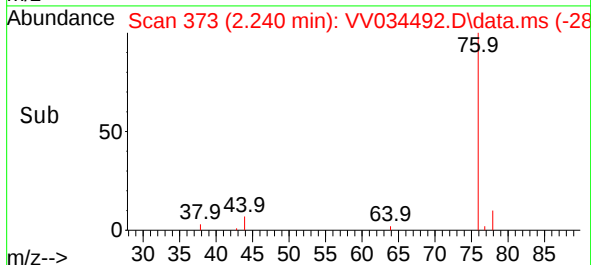
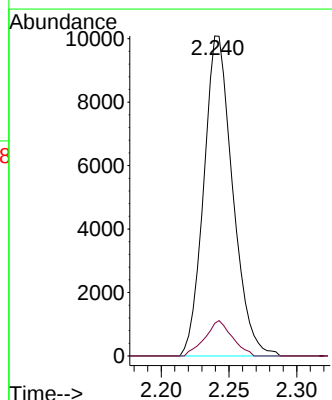
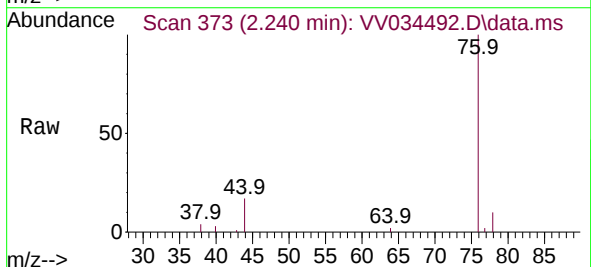
Acq: 01 Mar 2024 11:25

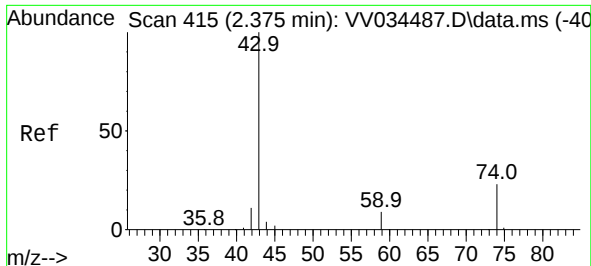
Tgt Ion: 76 Resp: 14951

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3





#15

Methyl Acetate

Concen: 2.515 ug/L

RT: 2.387 min Scan# 415

Delta R.T. 0.013 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

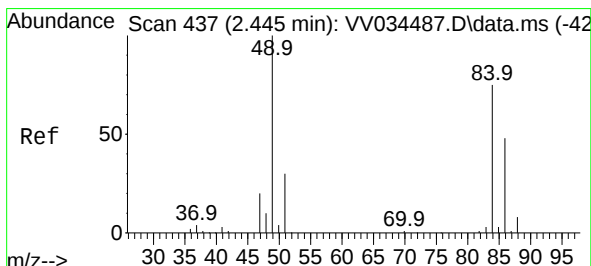
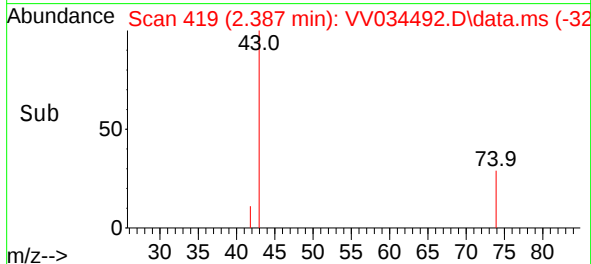
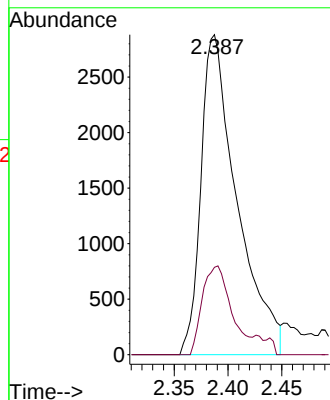
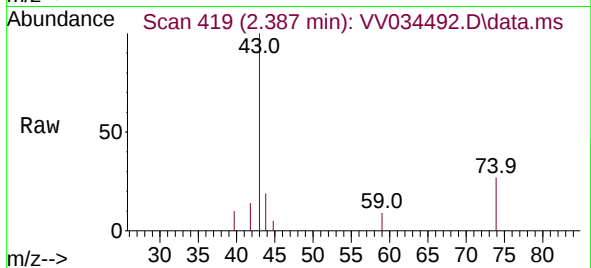
ClientSampleId :

Tgt Ion: 43 Resp: 6709

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8



#16

Methylene chloride

Concen: 2.784 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

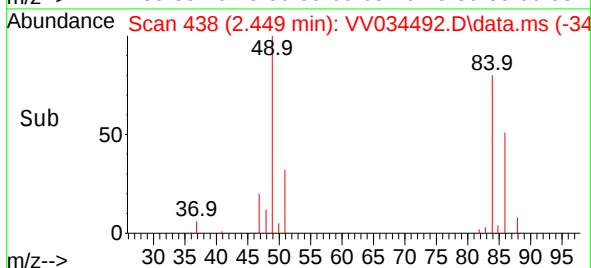
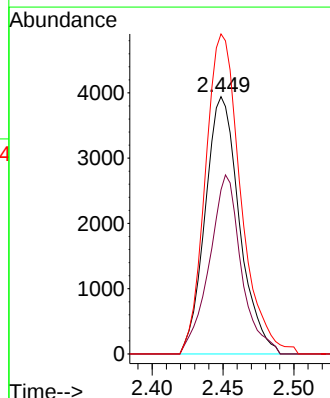
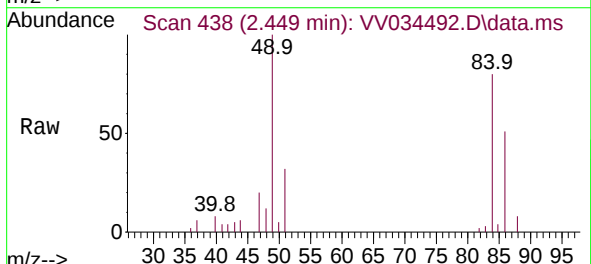
Tgt Ion: 84 Resp: 6616

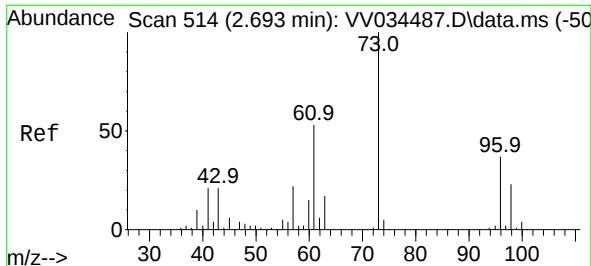
Ion Ratio Lower Upper

84 100

86 63.8 45.6 84.6

49 124.4 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 2.393 ug/L

RT: 2.699 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

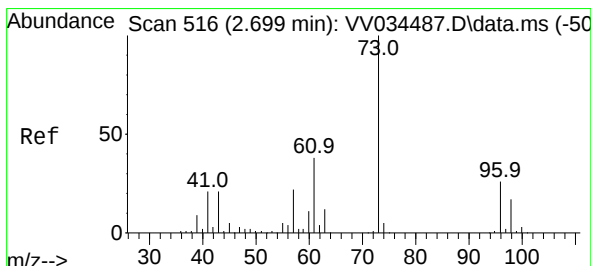
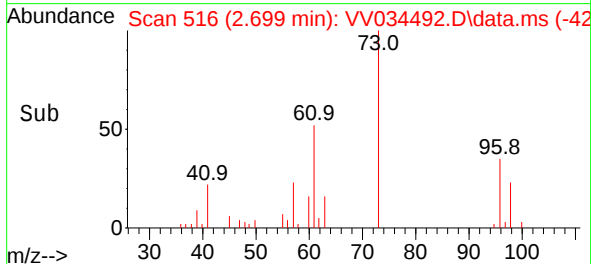
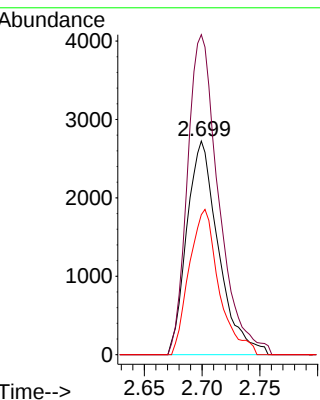
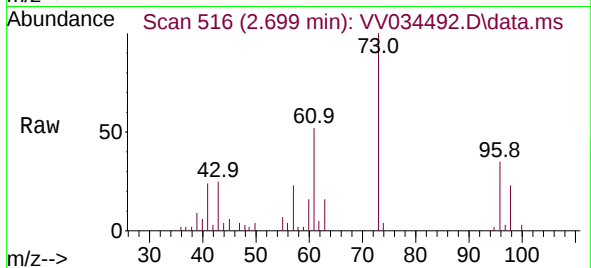
Tgt Ion: 96 Resp: 5189

Ion Ratio Lower Upper

96 100

61 149.8 98.8 183.4

98 65.6 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 2.449 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

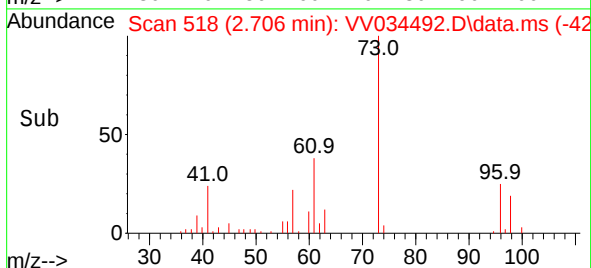
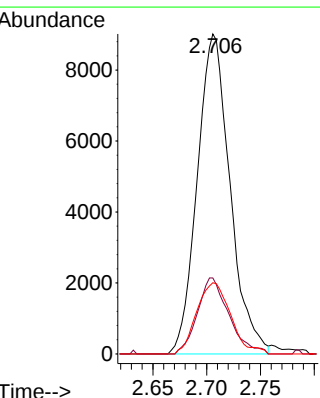
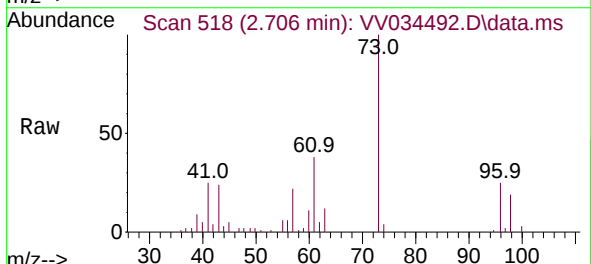
Tgt Ion: 73 Resp: 19069

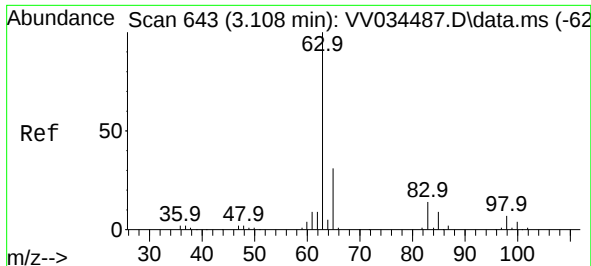
Ion Ratio Lower Upper

73 100

43 22.4 17.1 25.7

57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 2.389 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

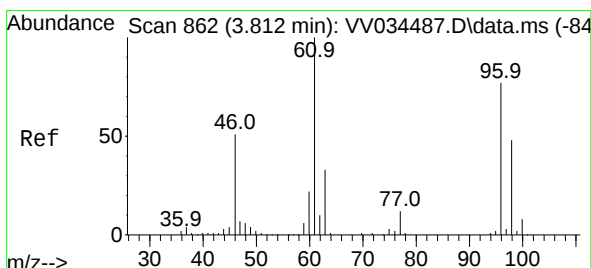
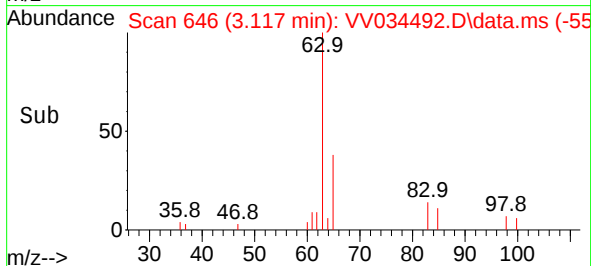
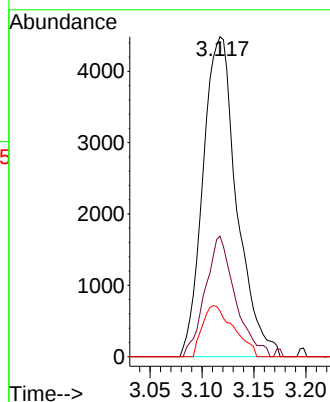
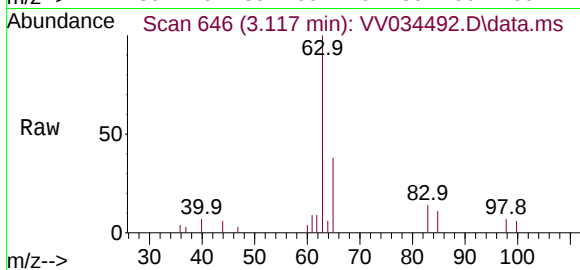
Tgt Ion: 63 Resp: 10146

Ion Ratio Lower Upper

63 100

65 37.6 22.1 41.1

83 14.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 2.463 ug/L

RT: 3.821 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

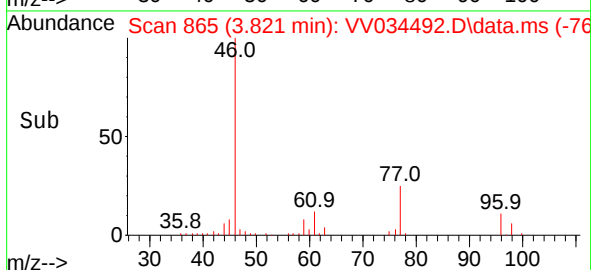
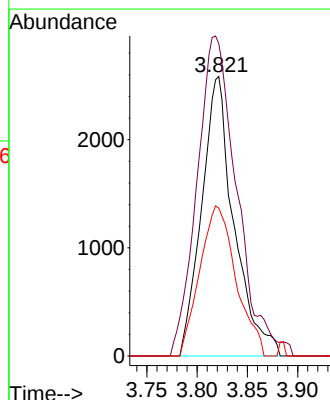
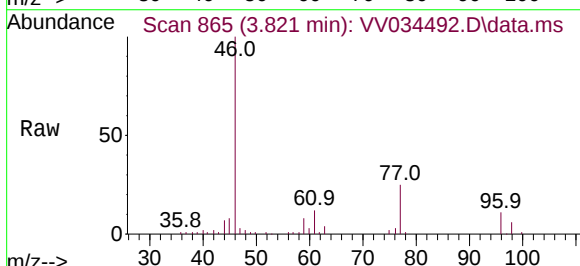
Tgt Ion: 96 Resp: 5795

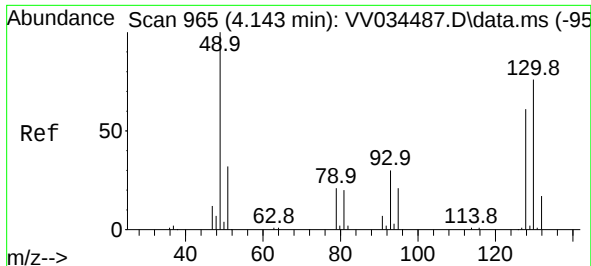
Ion Ratio Lower Upper

96 100

61 111.8 96.0 178.4

98 52.9 46.0 85.4





#23

Bromochloromethane

Concen: 2.277 ug/L

RT: 4.159 min Scan# 91

Delta R.T. 0.016 min

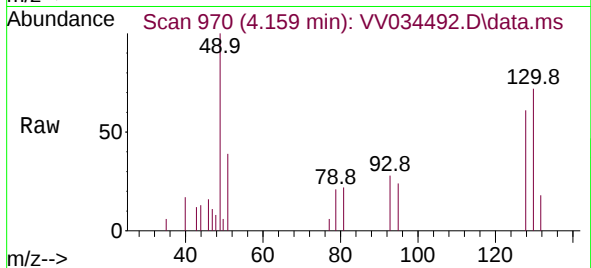
Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 2770

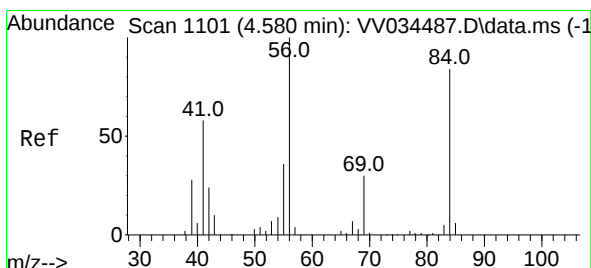
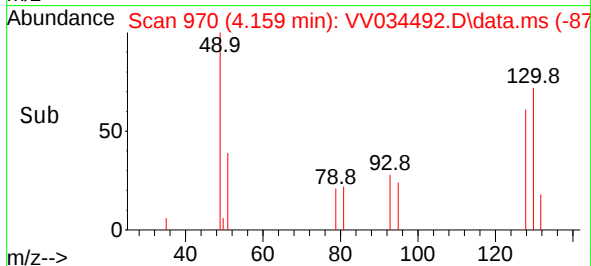
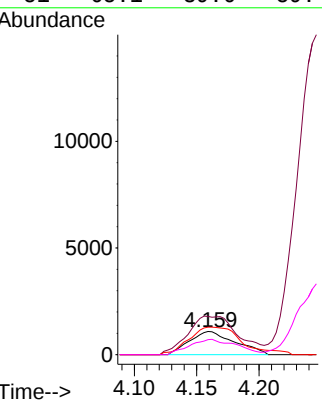
Ion Ratio Lower Upper

128 100

49 175.3 109.4 203.2

130 118.4 87.7 162.9

51 65.1 39.6 59.4#



#29

Cyclohexane

Concen: 2.372 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

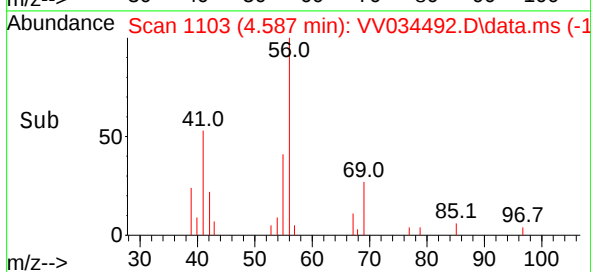
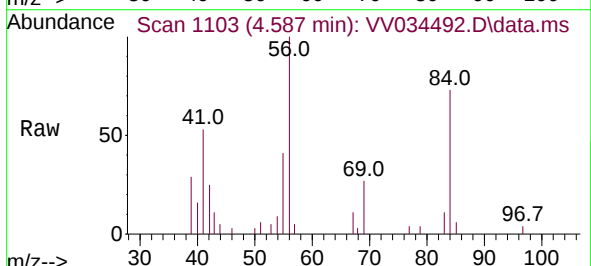
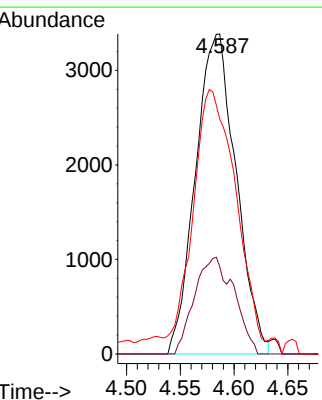
Tgt Ion: 56 Resp: 8876

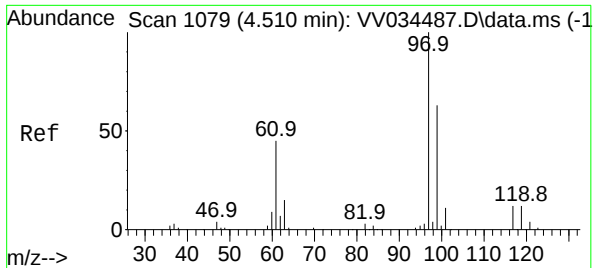
Ion Ratio Lower Upper

56 100

69 22.2 24.2 36.4#

84 84.4 70.5 105.7





#30

1,1,1-Trichloroethane

Concen: 2.433 ug/L

RT: 4.510 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

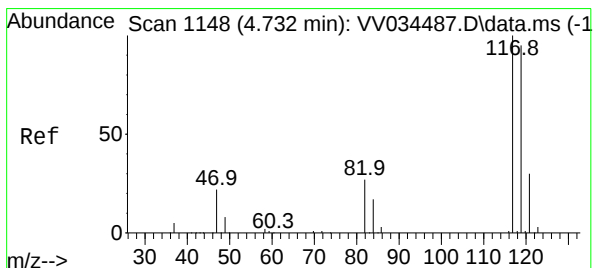
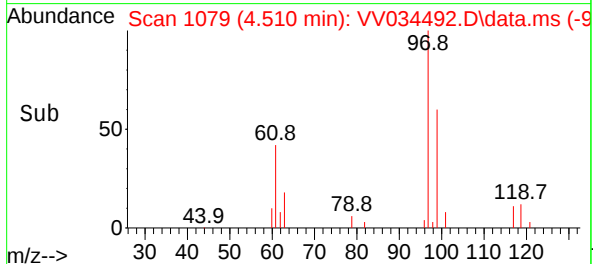
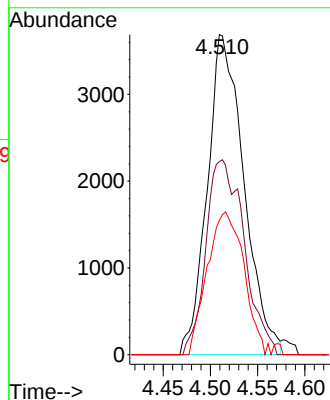
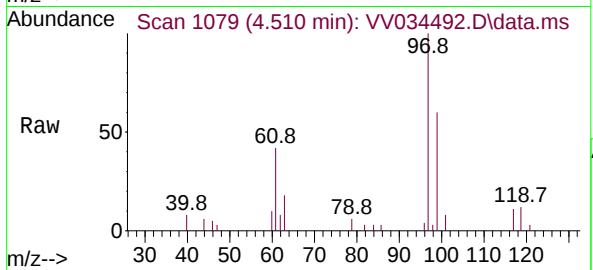
Tgt Ion: 97 Resp: 9923

Ion Ratio Lower Upper

97 100

99 41.1 51.3 76.9#

61 44.6 36.0 54.0



#31

Carbon tetrachloride

Concen: 2.203 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.006 min

Lab File: VV034492.D

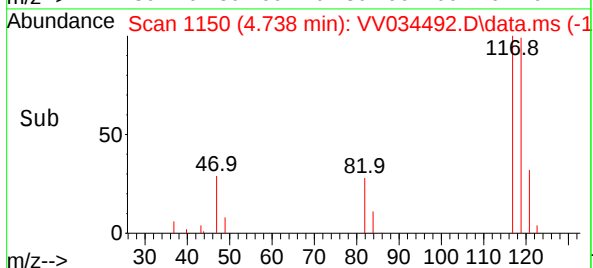
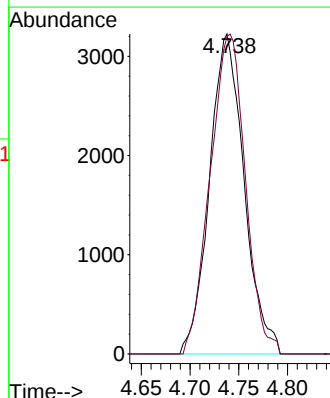
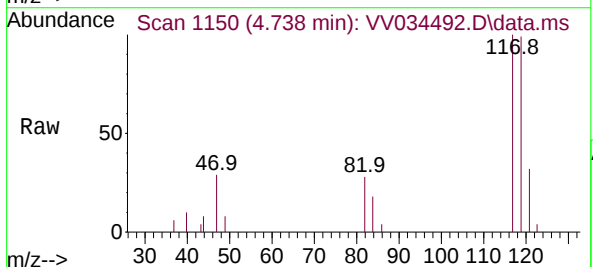
Acq: 01 Mar 2024 11:25

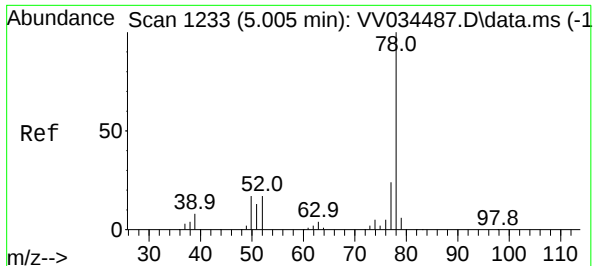
Tgt Ion: 117 Resp: 7954

Ion Ratio Lower Upper

117 100

119 102.0 77.5 116.3

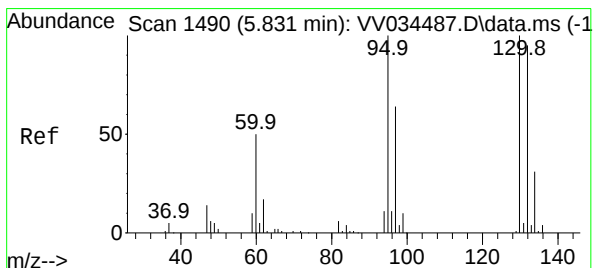
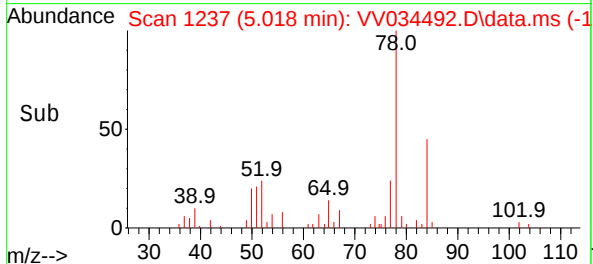
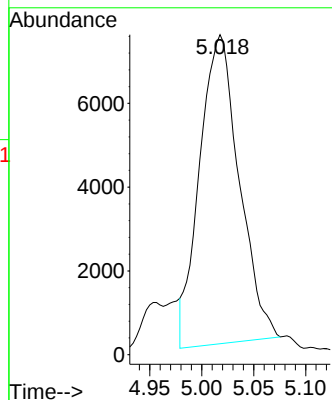
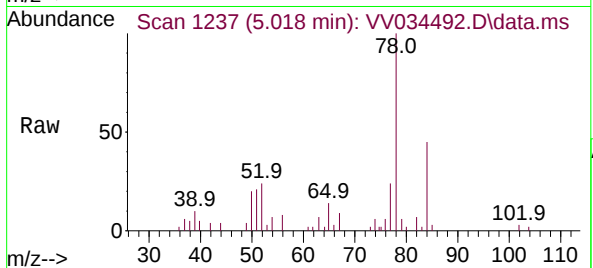




#33
Benzene
Concen: 2.211 ug/L
RT: 5.018 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :

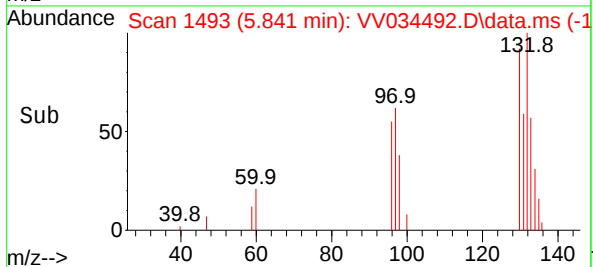
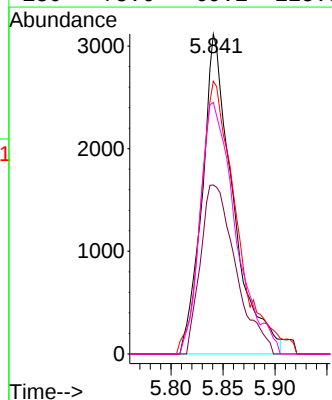
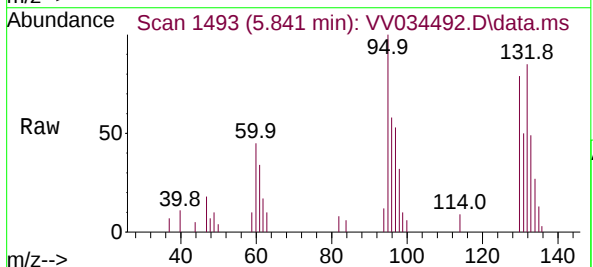
Tgt Ion: 78 Resp: 19520

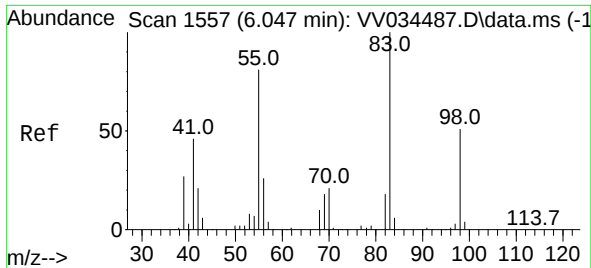


#34
Trichloroethene
Concen: 2.551 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 95 Resp: 6403

Ion	Ratio	Lower	Upper
95	100		
97	52.8	44.7	83.1
132	85.2	65.3	121.3
130	78.6	69.1	128.3





#35

Methylcyclohexane

Concen: 2.390 ug/L

RT: 6.050 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

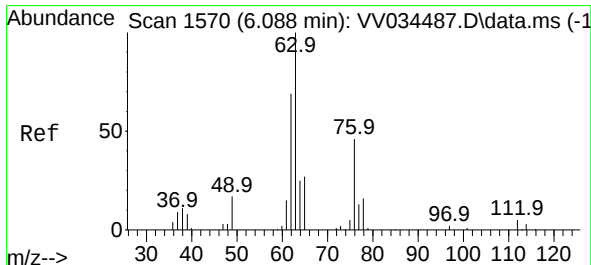
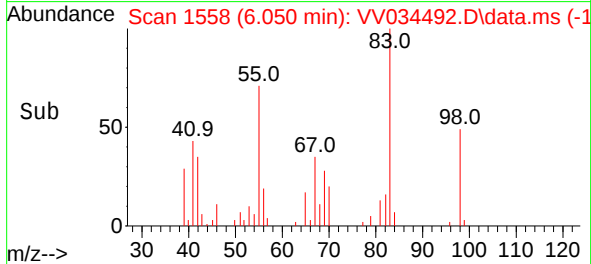
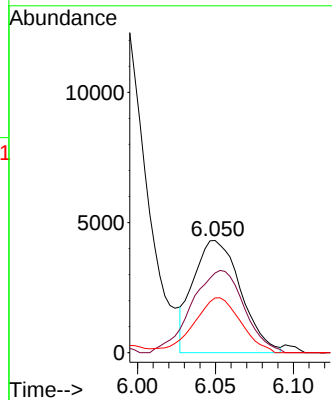
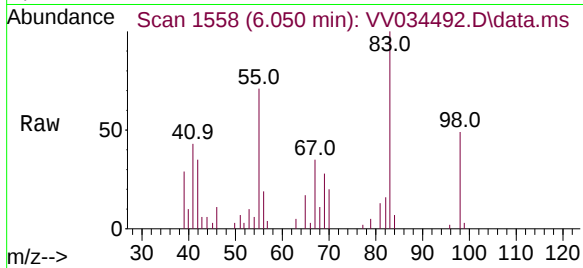
Tgt Ion: 83 Resp: 9120

Ion Ratio Lower Upper

83 100

55 81.3 62.6 94.0

98 47.9 39.5 59.3



#37

1,2-Dichloropropane

Concen: 2.014 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.013 min

Lab File: VV034492.D

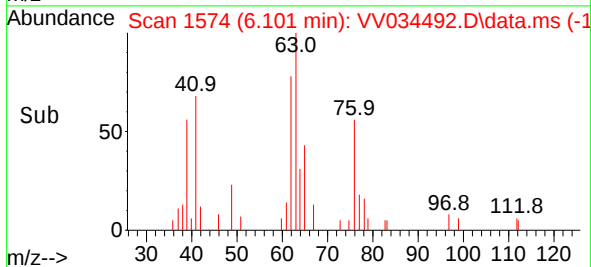
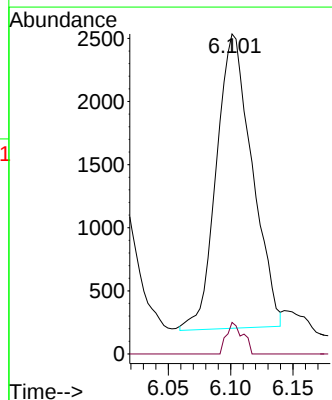
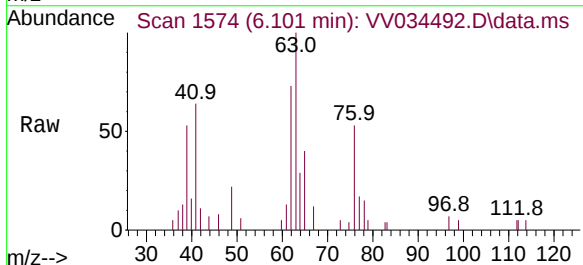
Acq: 01 Mar 2024 11:25

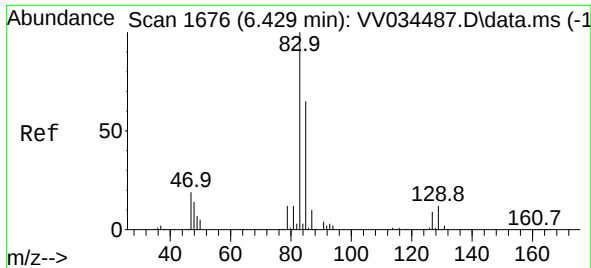
Tgt Ion: 63 Resp: 4655

Ion Ratio Lower Upper

63 100

112 3.7 3.5 5.3





#38

Bromodichloromethane

Concen: 2.433 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

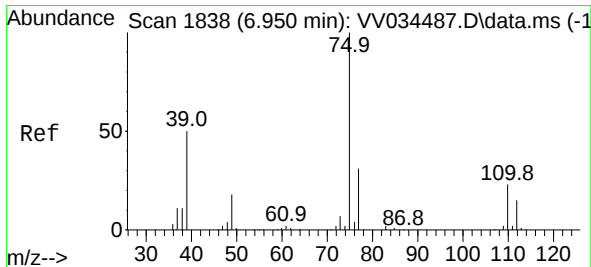
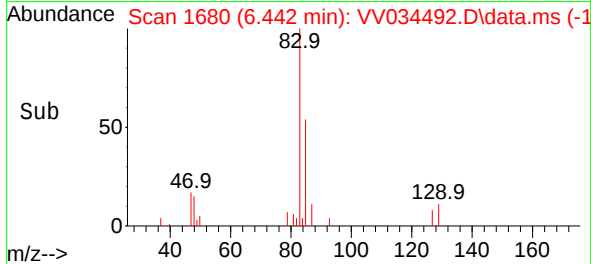
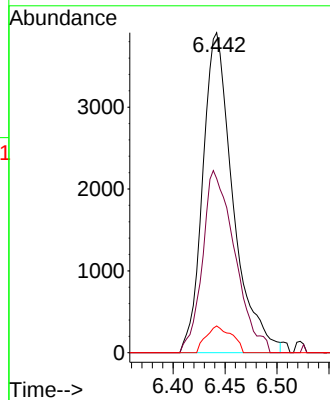
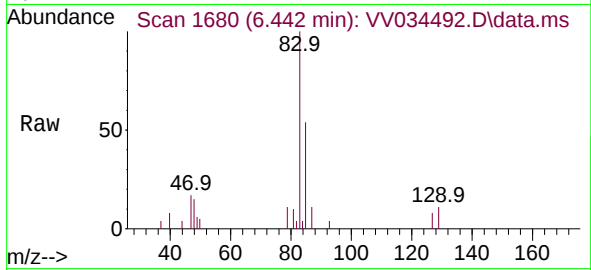
Tgt Ion: 83 Resp: 7910

Ion Ratio Lower Upper

83 100

85 54.4 44.6 82.8

127 8.3 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 2.167 ug/L

RT: 6.966 min Scan# 1843

Delta R.T. 0.016 min

Lab File: VV034492.D

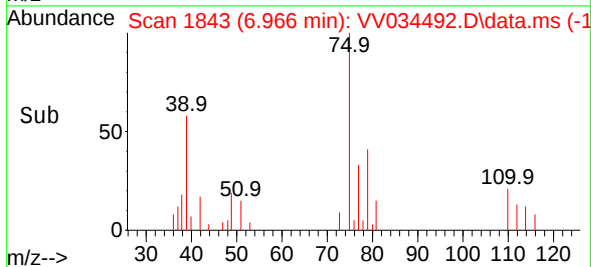
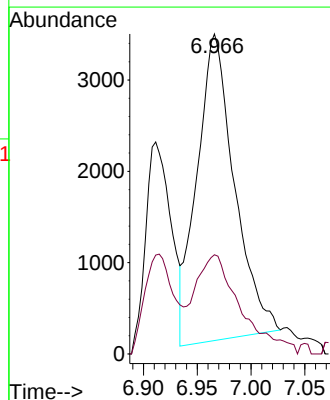
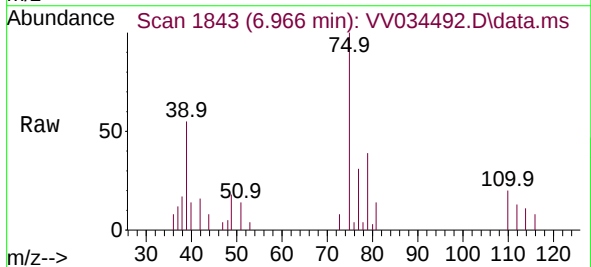
Acq: 01 Mar 2024 11:25

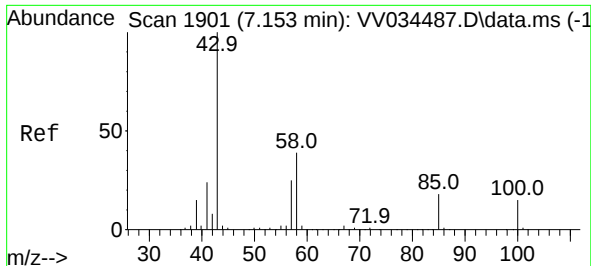
Tgt Ion: 75 Resp: 8114

Ion Ratio Lower Upper

75 100

77 31.0 20.9 38.9

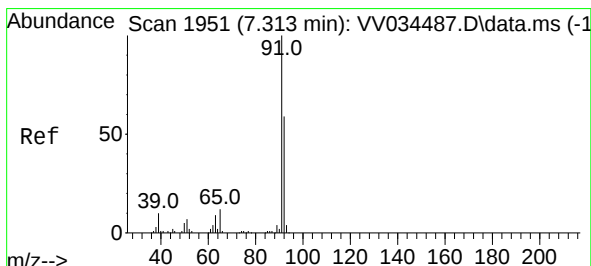
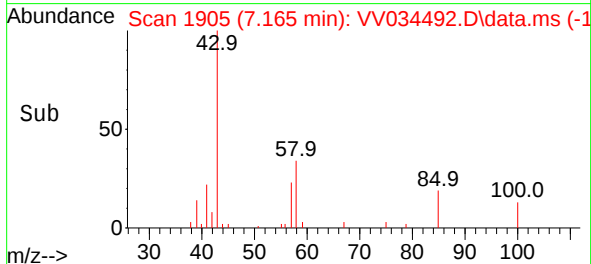
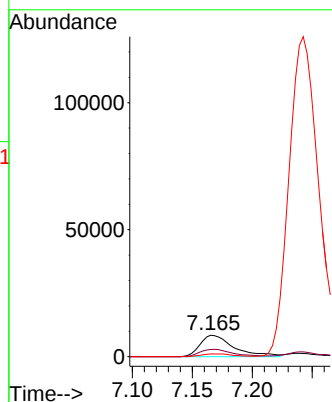
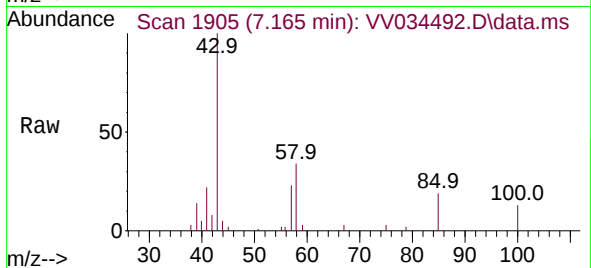




#40
4-Methyl-2-pentanone
Concen: 4.869 ug/L
RT: 7.165 min Scan# 1905
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

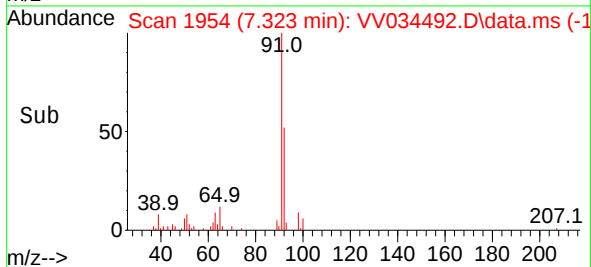
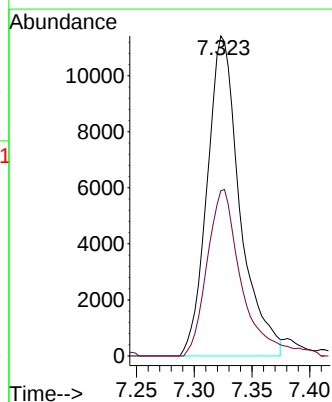
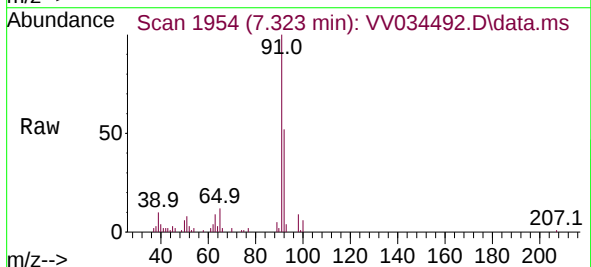
Instrument :
MSVOA_V
ClientSampleId :

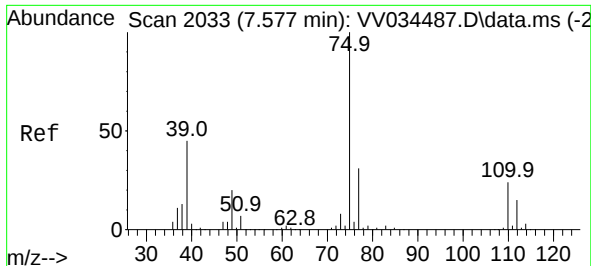
Tgt Ion: 43 Resp: 16596
Ion Ratio Lower Upper
43 100
58 34.2 30.6 46.0
100 12.4 12.5 18.7#



#42
Toluene
Concen: 2.411 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 91 Resp: 22527
Ion Ratio Lower Upper
91 100
92 51.7 40.5 75.1

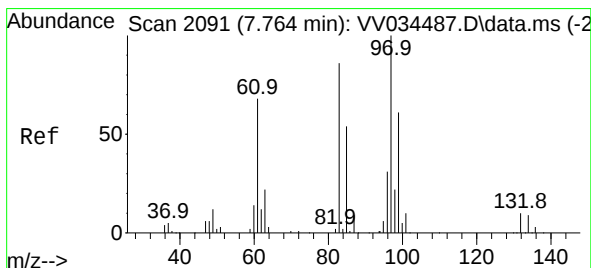
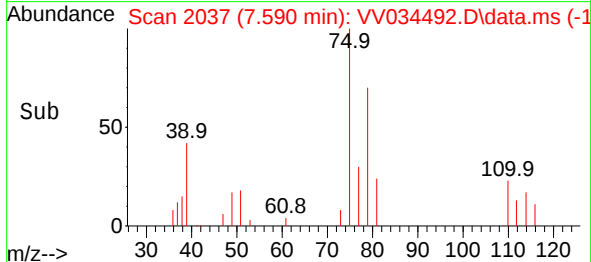
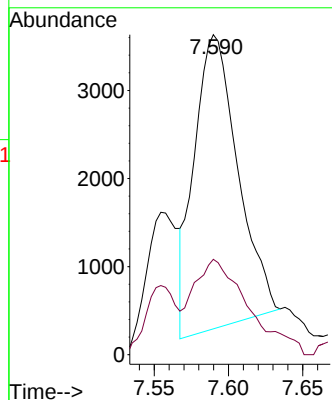
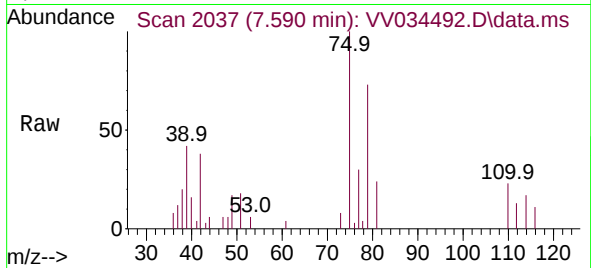




#44
trans-1,3-Dichloropropene
Concen: 1.891 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

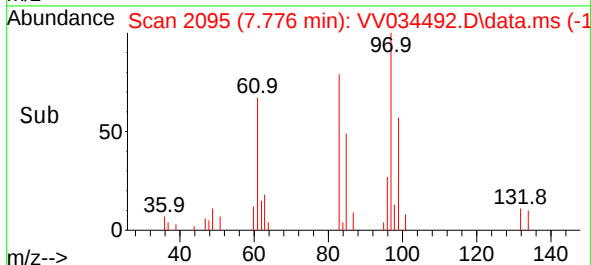
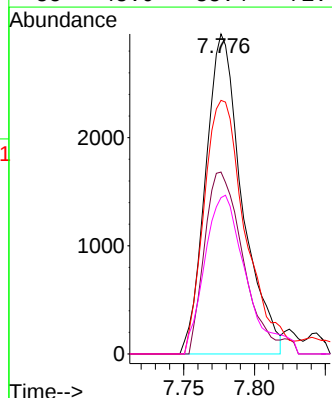
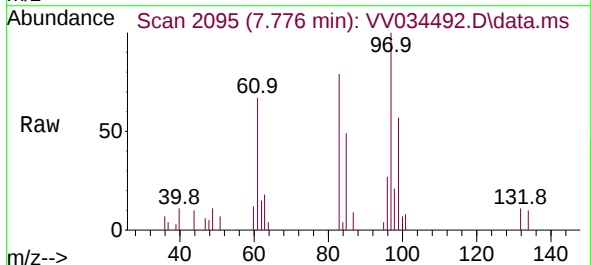
Instrument :
MSVOA_V
ClientSampleId :

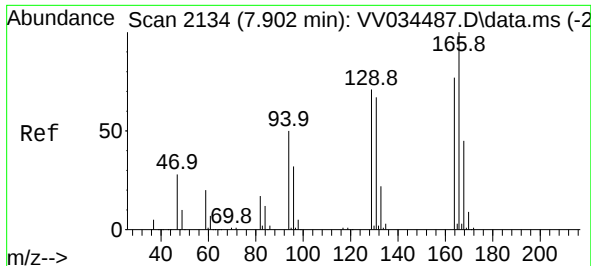
Tgt Ion: 75 Resp: 6812
Ion Ratio Lower Upper
75 100
77 29.8 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 2.387 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 97 Resp: 5323
Ion Ratio Lower Upper
97 100
99 56.8 43.8 81.4
83 79.2 59.4 110.2
85 48.9 38.4 71.4





#46

Tetrachloroethene

Concen: 2.375 ug/L

RT: 7.911 min Scan# 2134

Delta R.T. 0.009 min

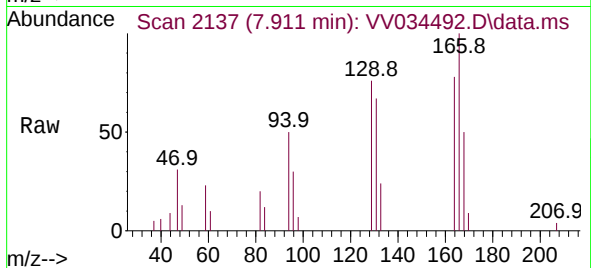
Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 4432

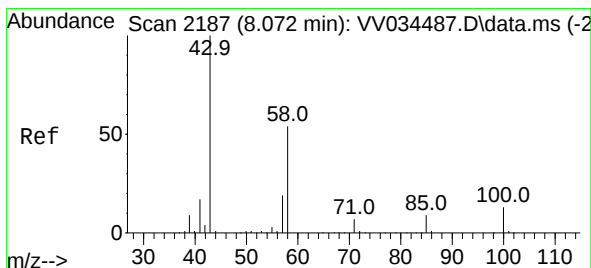
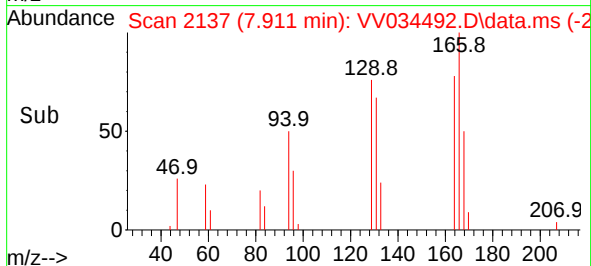
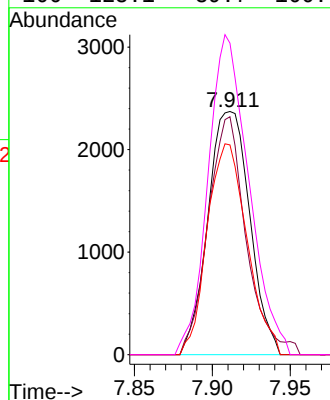
Ion Ratio Lower Upper

164 100

129 97.8 65.7 121.9

131 86.2 62.2 115.6

166 128.1 89.7 166.7



#48

2-Hexanone

Concen: 5.830 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Tgt Ion: 43 Resp: 15836

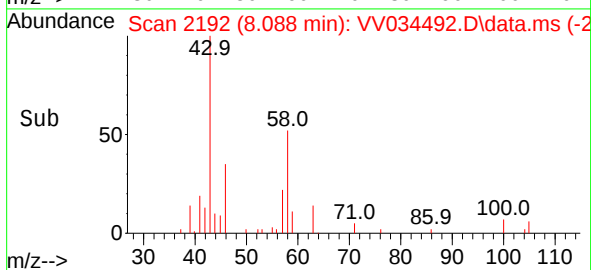
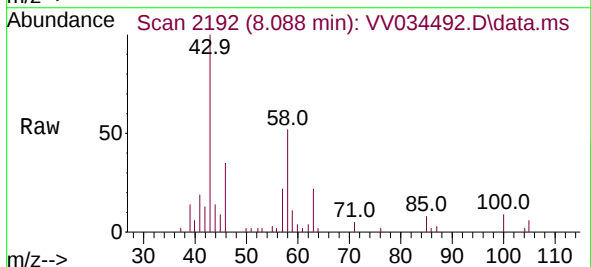
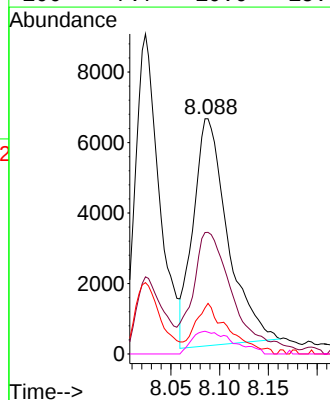
Ion Ratio Lower Upper

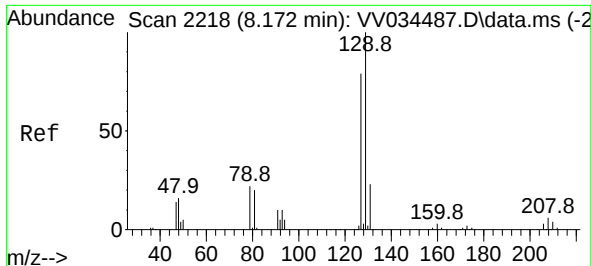
43 100

58 52.3 42.0 63.0

57 8.5 15.2 22.8#

100 7.7 10.0 15.0#

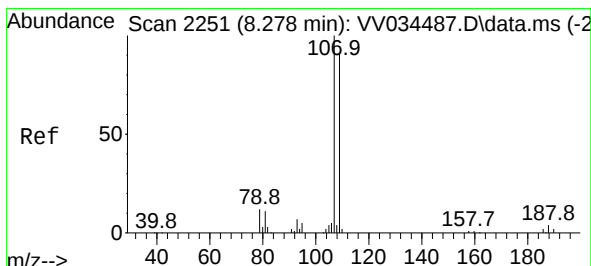
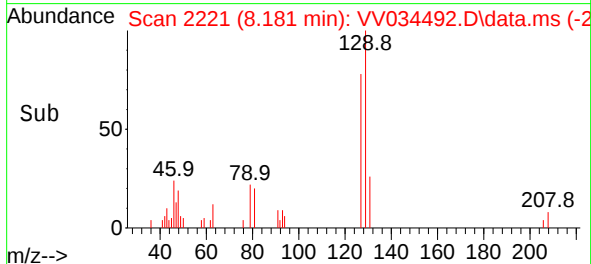
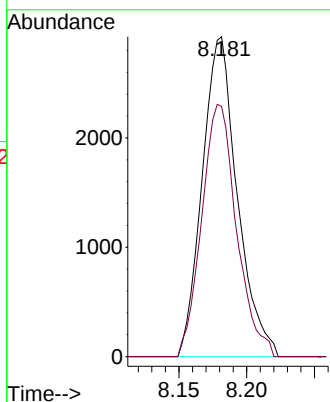
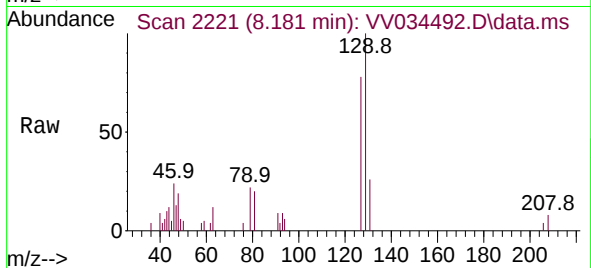




#49
Dibromochloromethane
Concen: 2.235 ug/L
RT: 8.181 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

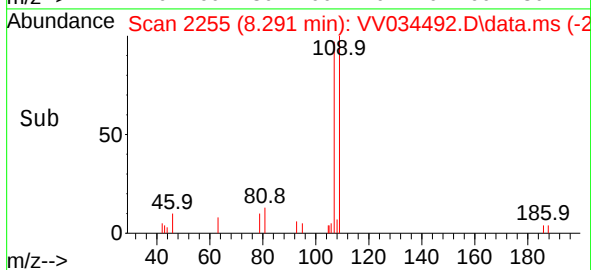
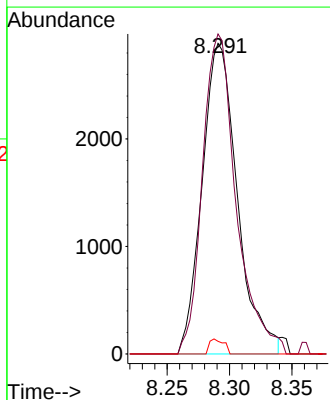
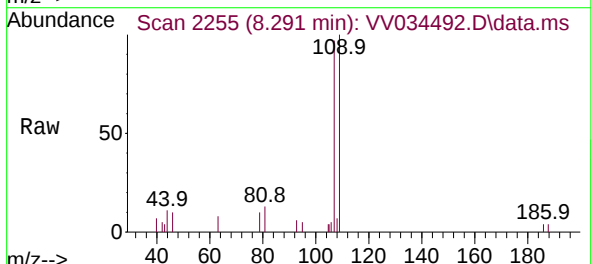
Instrument :
MSVOA_V
ClientSampleId :

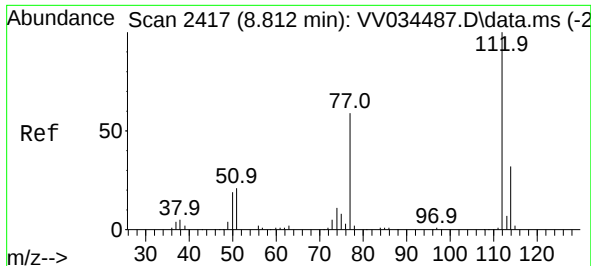
Tgt Ion:129 Resp: 5260
Ion Ratio Lower Upper
129 100
127 78.2 53.3 98.9



#50
1,2-Dibromoethane
Concen: 2.403 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion:107 Resp: 5688
Ion Ratio Lower Upper
107 100
109 103.0 66.5 123.5
188 4.1 3.4 5.2





#51

Chlorobenzene

Concen: 2.515 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV034492.D

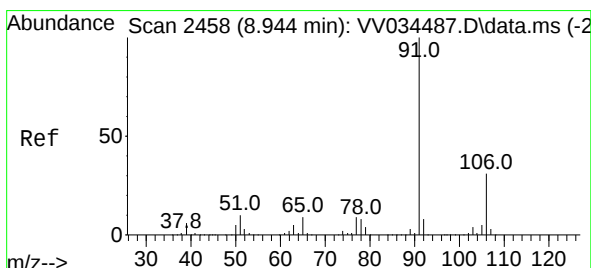
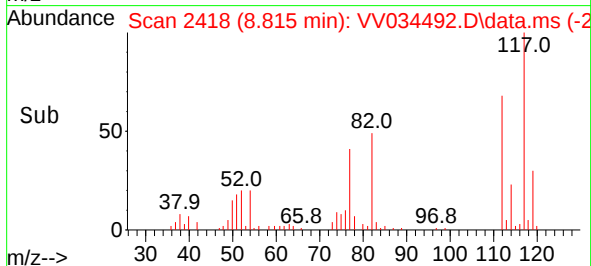
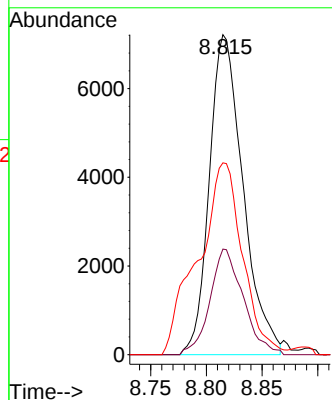
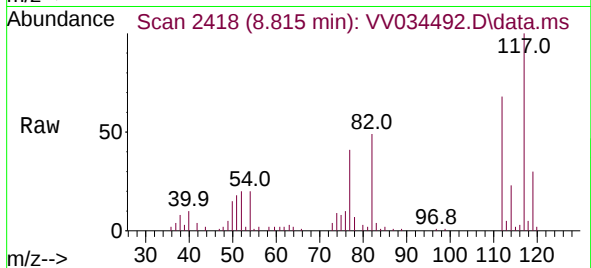
Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	112	Resp:	15193
Ion Ratio	Lower	Upper	
112	100		
114	33.0	22.3	41.5
77	60.0	47.7	71.5



#52

Ethylbenzene

Concen: 2.312 ug/L

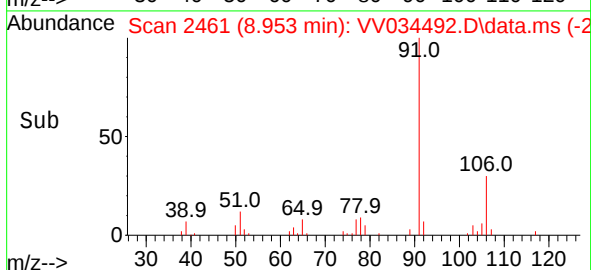
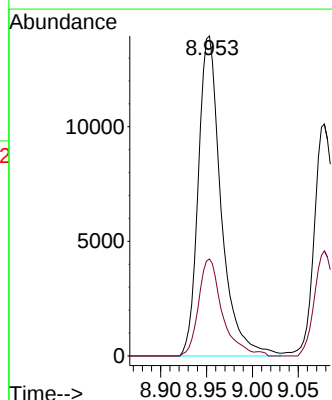
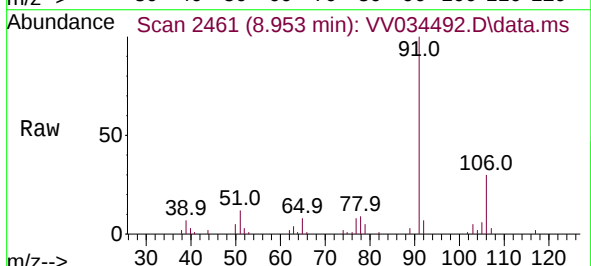
RT: 8.953 min Scan# 2461

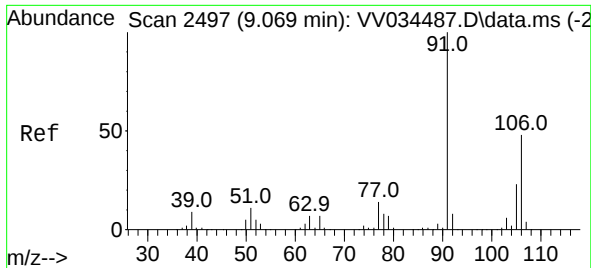
Delta R.T. 0.009 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Tgt Ion:	91	Resp:	24206
Ion Ratio	Lower	Upper	
91	100		
106	30.3	21.3	39.5





#53

m,p-Xylene

Concen: 2.063 ug/L

RT: 9.078 min Scan# 2497

Delta R.T. 0.010 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

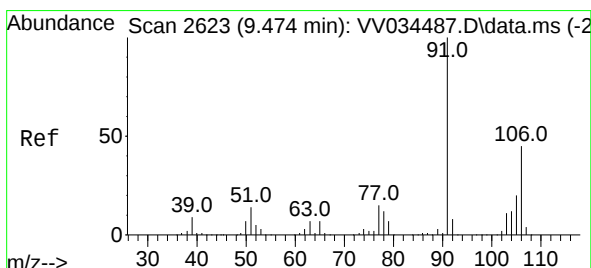
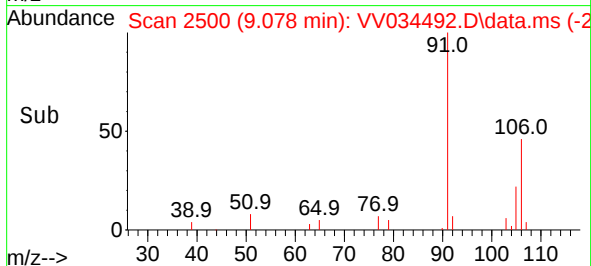
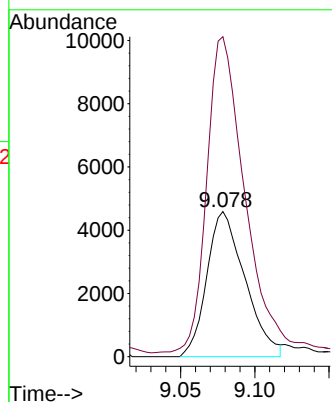
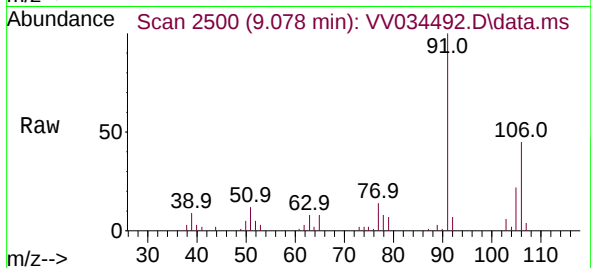
ClientSampleId :

Tgt Ion:106 Resp: 8196

Ion Ratio Lower Upper

106 100

91 220.6 145.3 269.9



#54

o-Xylene

Concen: 2.195 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. 0.006 min

Lab File: VV034492.D

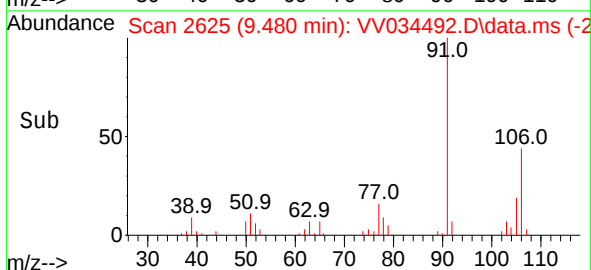
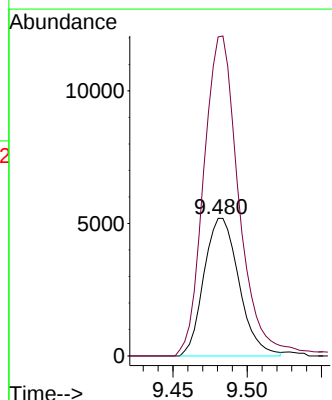
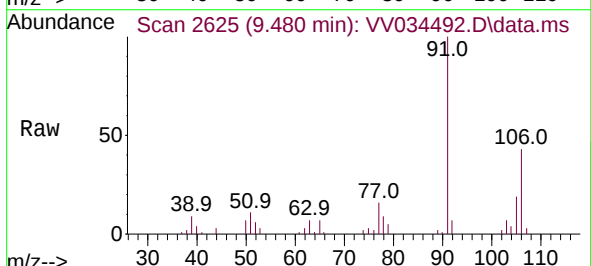
Acq: 01 Mar 2024 11:25

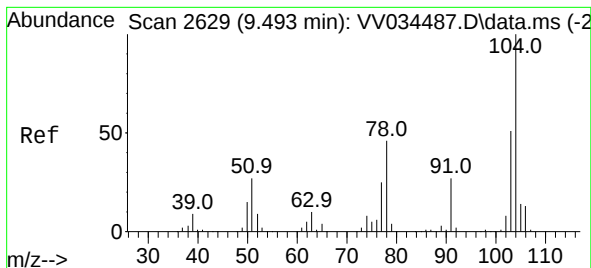
Tgt Ion:106 Resp: 8540

Ion Ratio Lower Upper

106 100

91 231.9 152.2 282.7





#55

Styrene

Concen: 2.147 ug/L

RT: 9.503 min Scan# 2

Delta R.T. 0.009 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

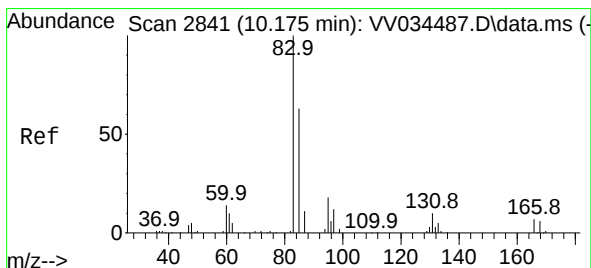
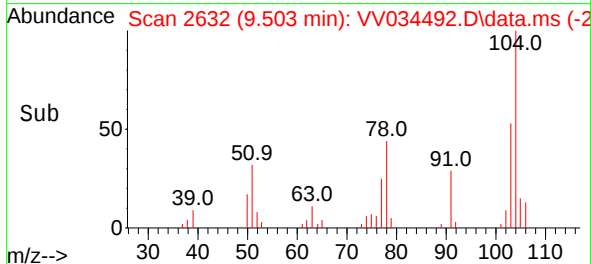
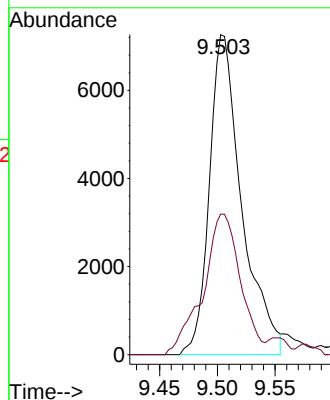
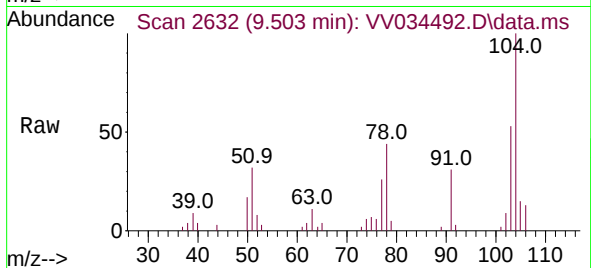
ClientSampleId :

Tgt Ion:104 Resp: 14144

Ion Ratio Lower Upper

104 100

78 43.9 33.0 61.4



#57

1,1,2,2-Tetrachloroethane

Concen: 2.749 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

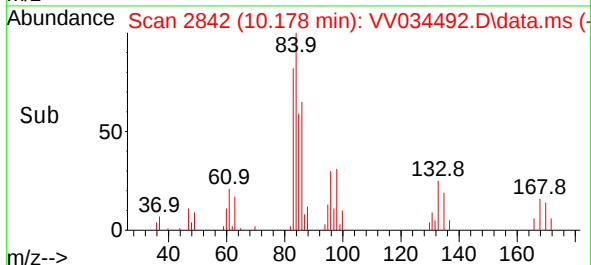
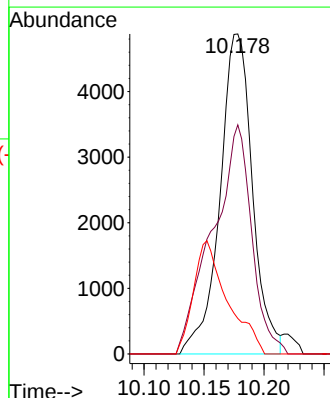
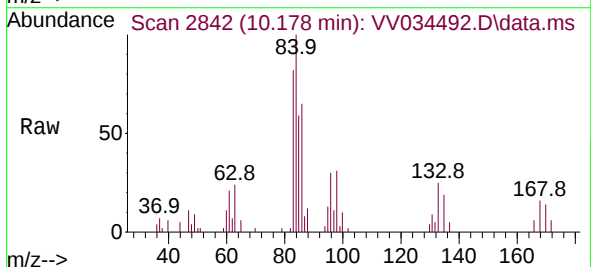
Tgt Ion: 83 Resp: 9208

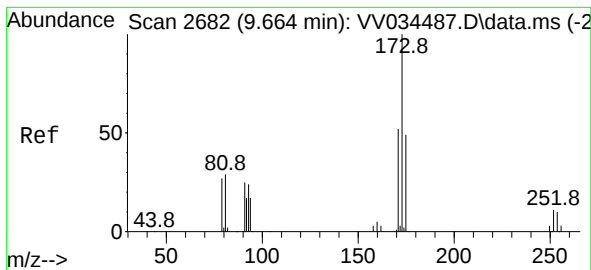
Ion Ratio Lower Upper

83 100

85 71.6 45.4 84.2

131 17.2 8.3 12.5#





#59

Bromoform

Concen: 2.191 ug/L

RT: 9.673 min Scan# 2

Delta R.T. 0.009 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

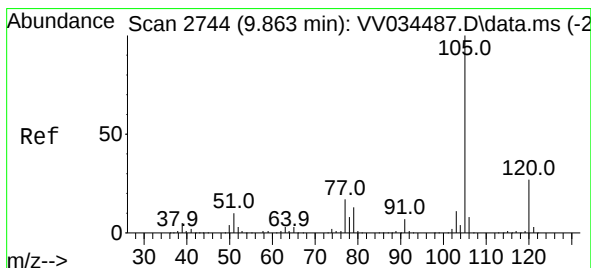
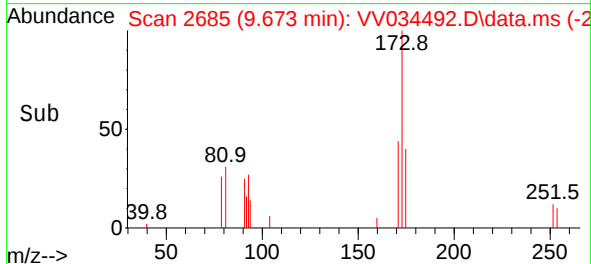
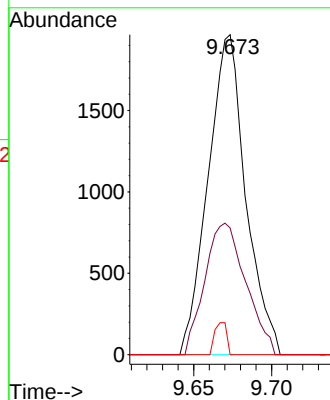
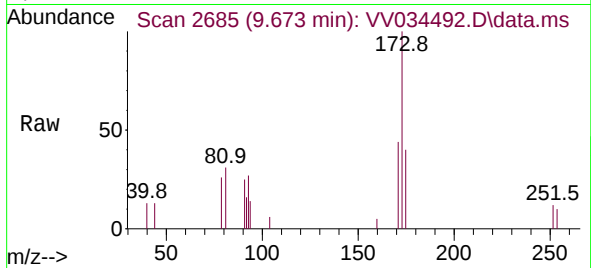
Tgt Ion:173 Resp: 3307

Ion Ratio Lower Upper

173 100

175 44.6 39.1 58.7

254 3.2 7.8 11.8#



#60

Isopropylbenzene

Concen: 2.457 ug/L

RT: 9.869 min Scan# 2746

Delta R.T. 0.006 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

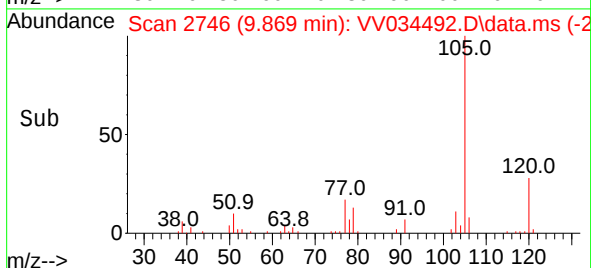
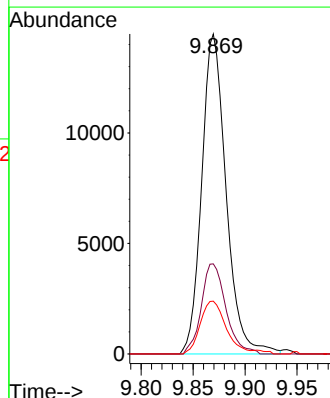
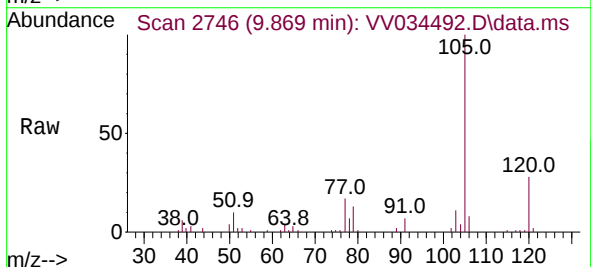
Tgt Ion:105 Resp: 23656

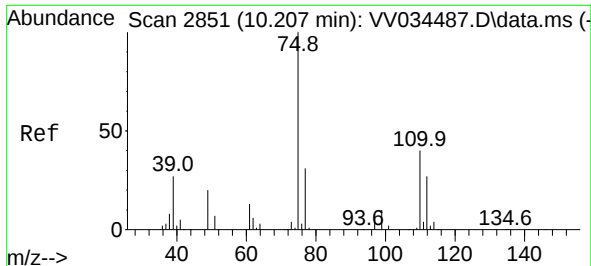
Ion Ratio Lower Upper

105 100

120 28.3 20.8 31.2

77 17.3 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 2.864 ug/L

RT: 10.213 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV034492.D

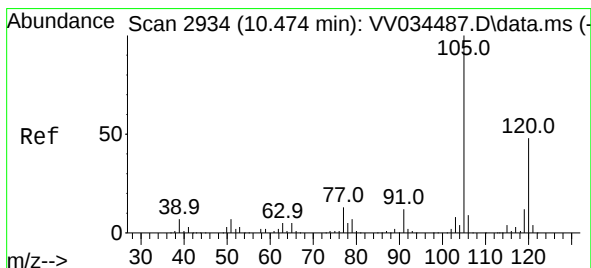
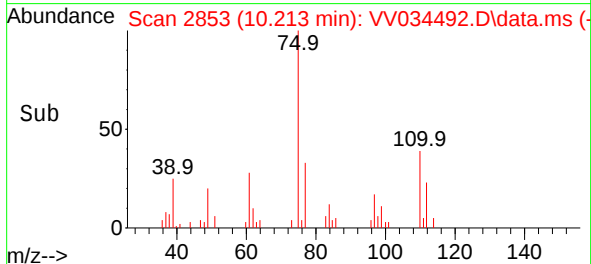
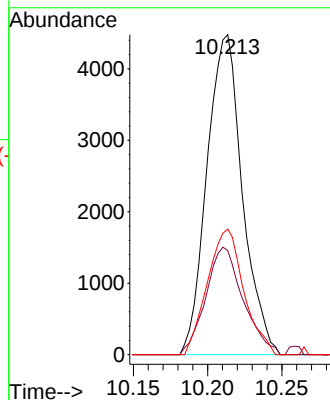
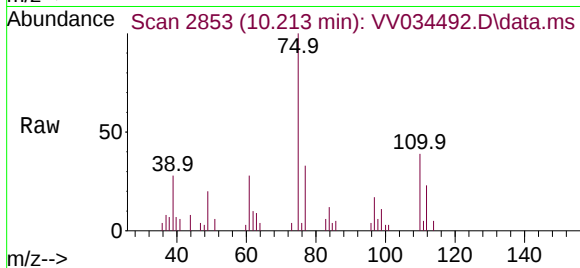
Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp:	7443
Ion Ratio	Lower	Upper
75	100	
77	35.4	25.9 38.9
110	40.3	33.1 49.7



#62

1,3,5-Trimethylbenzene

Concen: 2.430 ug/L

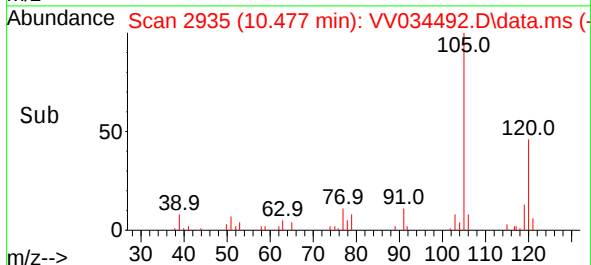
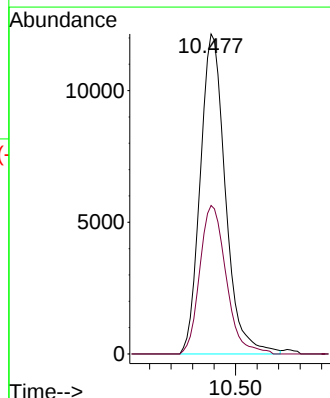
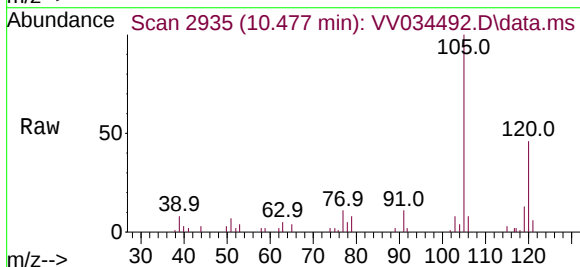
RT: 10.477 min Scan# 2935

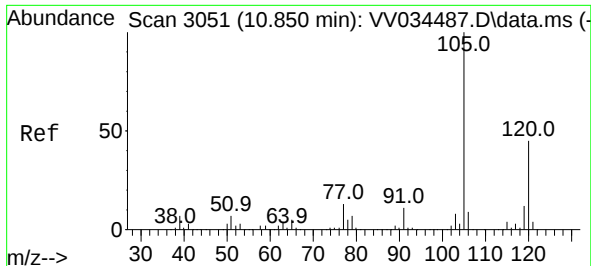
Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Tgt Ion: 105	Resp:	19741
Ion Ratio	Lower	Upper
105	100	
120	48.6	38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 2.343 ug/L

RT: 10.853 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

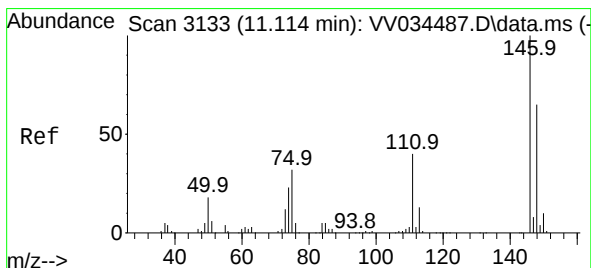
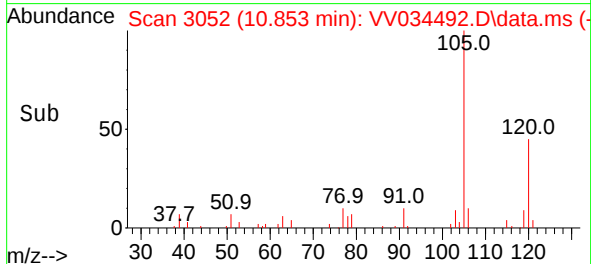
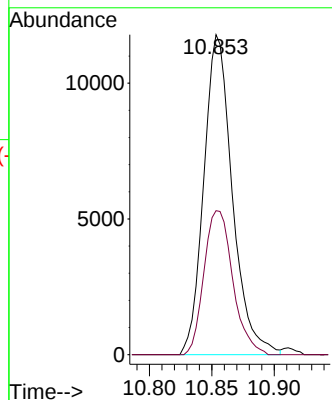
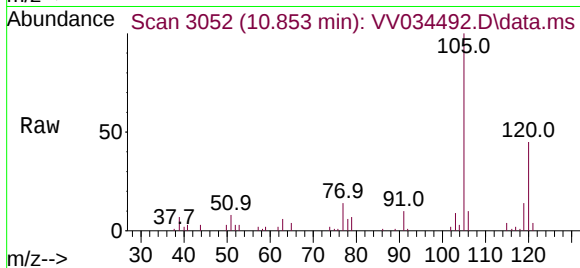
ClientSampleId :

Tgt Ion:105 Resp: 18819

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 2.486 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.010 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

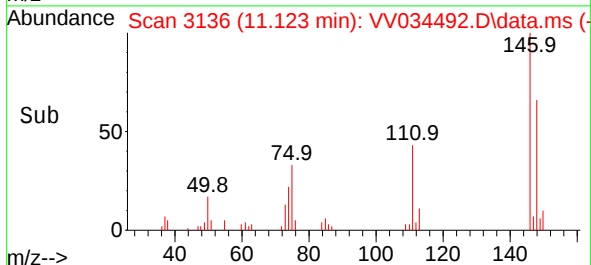
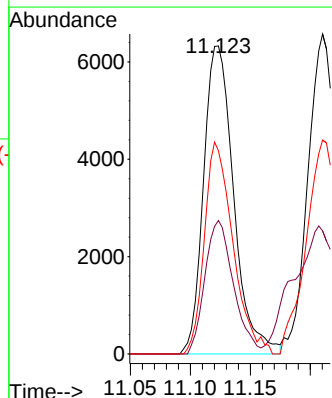
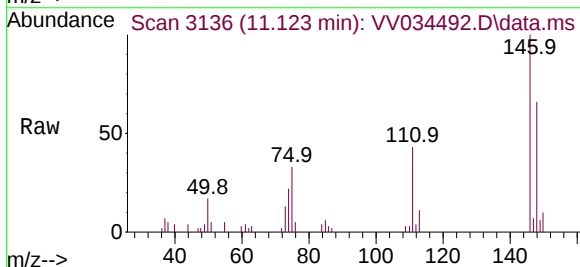
Tgt Ion:146 Resp: 11067

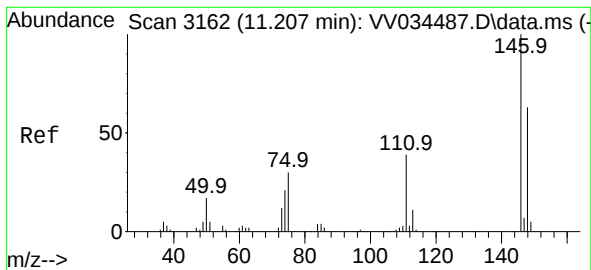
Ion Ratio Lower Upper

146 100

111 43.3 27.9 51.7

148 66.0 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 2.611 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

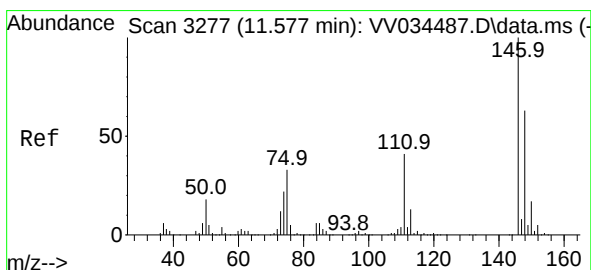
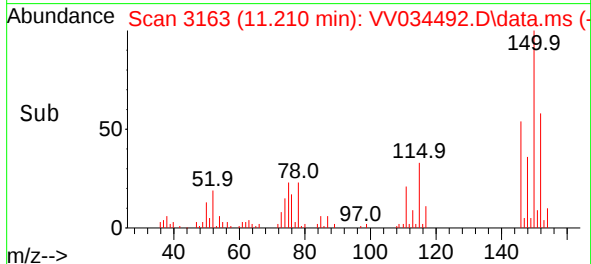
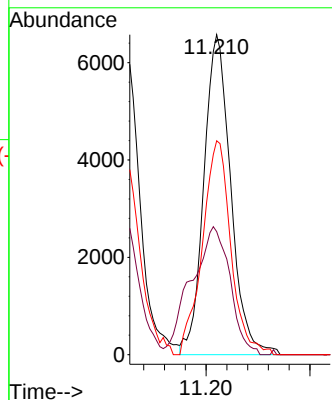
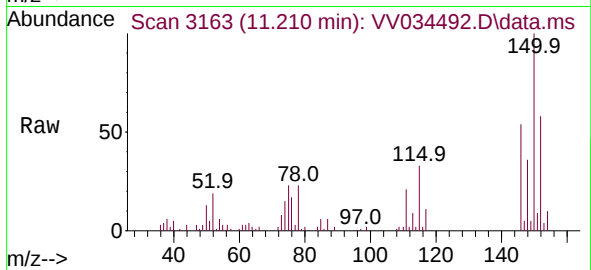
Tgt Ion:146 Resp: 11805

Ion Ratio Lower Upper

146 100

111 38.4 26.5 49.1

148 66.8 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 2.712 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

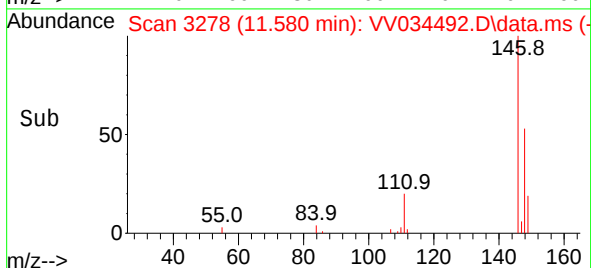
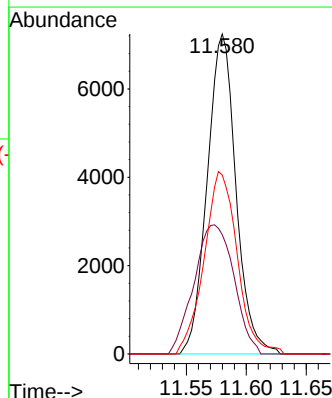
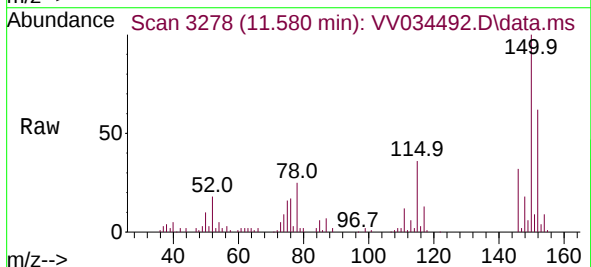
Tgt Ion:146 Resp: 12097

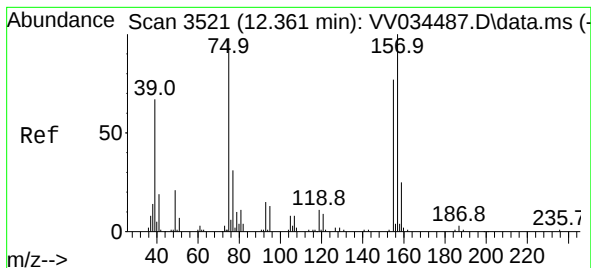
Ion Ratio Lower Upper

146 100

111 37.2 33.8 50.8

148 55.9 51.3 76.9





#68

1,2-Dibromo-3-chloropropane

Concen: 2.471 ug/L

RT: 12.371 min Scan# 3521

Delta R.T. 0.009 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

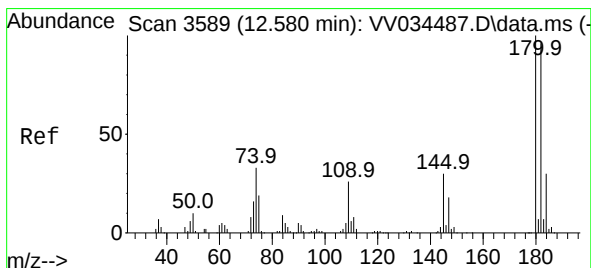
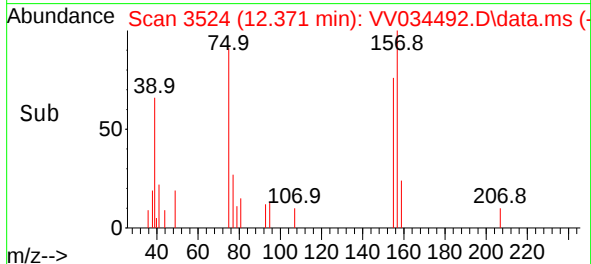
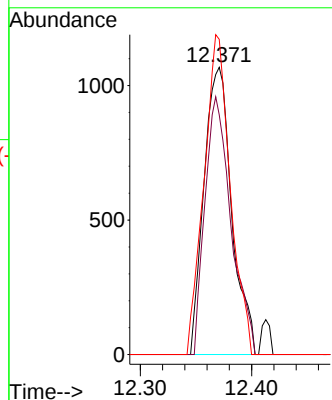
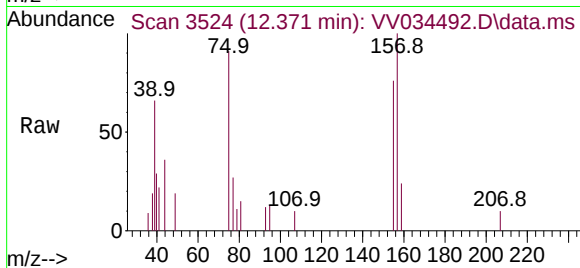
Tgt Ion: 75 Resp: 1913

Ion Ratio Lower Upper

75 100

155 83.4 63.3 94.9

157 109.7 81.4 122.0



#69

1,3,5-Trichlorobenzene

Concen: 2.207 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.006 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Tgt Ion: 180 Resp: 7370

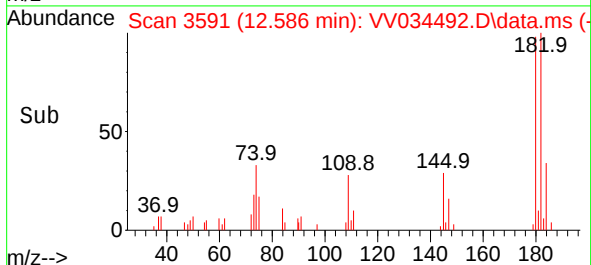
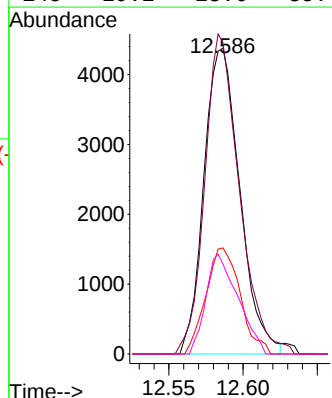
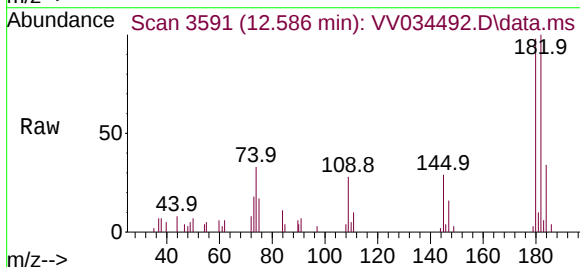
Ion Ratio Lower Upper

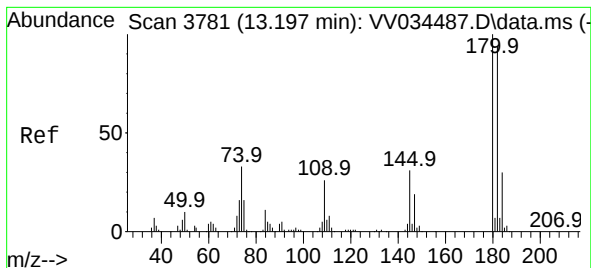
180 100

182 100.4 74.6 112.0

184 33.1 23.6 35.4

145 29.2 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 2.168 ug/L

RT: 13.200 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

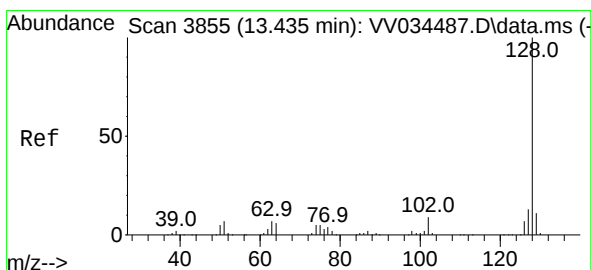
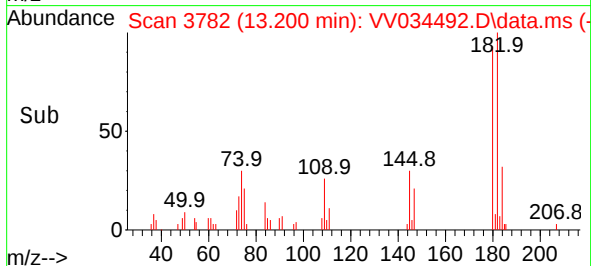
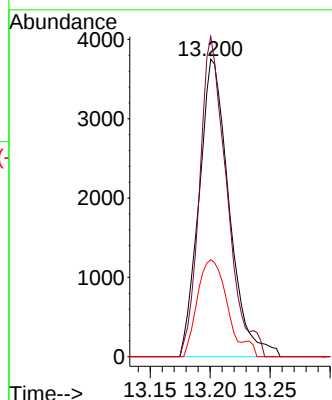
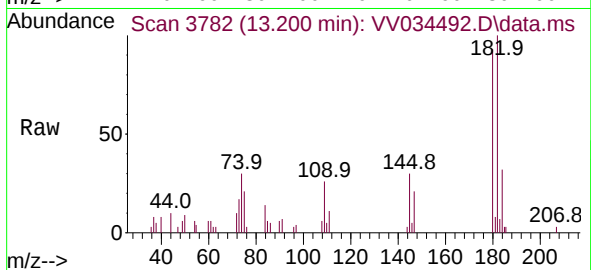
Tgt Ion:180 Resp: 6516

Ion Ratio Lower Upper

180 100

182 95.1 74.8 112.2

145 31.3 24.2 36.4



#71

Naphthalene

Concen: 2.135 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.010 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

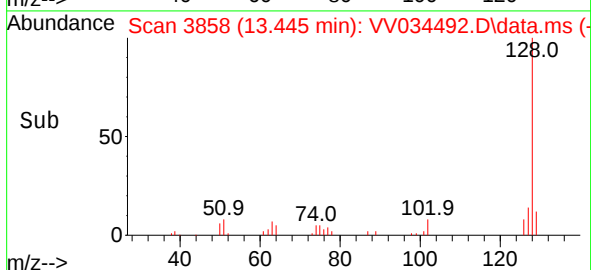
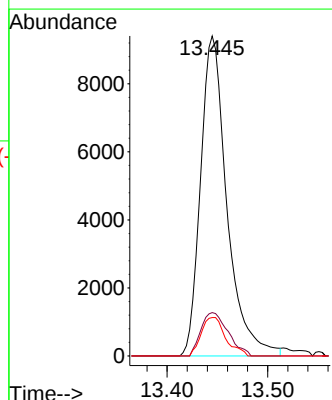
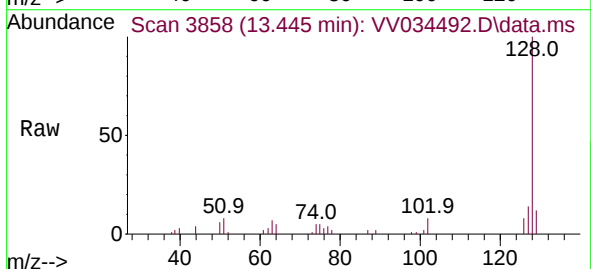
Tgt Ion:128 Resp: 17165

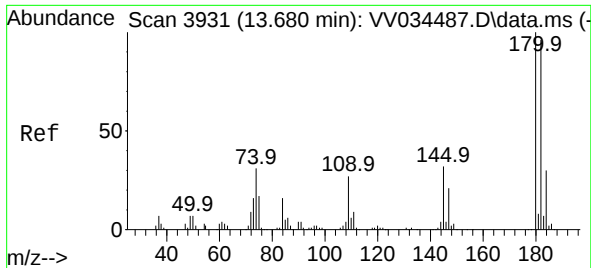
Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.1 8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 2.352 ug/L

RT: 13.683 min Scan# 3931

Delta R.T. 0.003 min

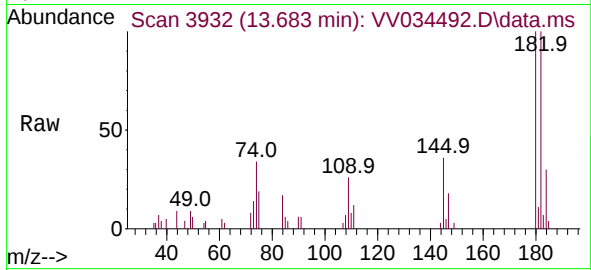
Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 6895

Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

145 33.1 25.5 38.3

