

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034408.D
 Acq On : 26 Feb 2024 13:39
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 04:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:30:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	153508	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	141429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	73302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	93444	8.399	ug/L	0.00
7) Chloroethane-d5	1.532	69	83049	8.528	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	44167	8.218	ug/L	0.00
20) 2-Butanone-d5	3.806	46	273521	134.142	ug/L	-0.02
24) Chloroform-d	4.249	84	193557	9.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	101153	10.381	ug/L	0.00
32) Benzene-d6	4.960	84	341778	8.601	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	101335	9.025	ug/L	0.00
41) Toluene-d8	7.243	98	312298	8.601	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	43127	10.173	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	235401	140.721	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	81829	11.442	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	119178	9.368	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	99089	7.541	ug/L	98
3) Chloromethane	1.214	50	112032	7.676	ug/L	98
5) Vinyl chloride	1.282	62	115244	8.266	ug/L	99
6) Bromomethane	1.487	94	66659	8.825	ug/L	98
8) Chloroethane	1.548	64	75695	7.842	ug/L	100
9) Trichlorofluoromethane	1.712	101	190666	9.309	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	103838	9.653	ug/L	98
12) 1,1-Dichloroethene	2.069	96	97854	9.371	ug/L	90
13) Acetone	2.143	43	228065	139.683	ug/L	99
14) Carbon disulfide	2.240	76	265977	8.137	ug/L	99
15) Methyl Acetate	2.384	43	40761	10.912	ug/L	99
16) Methylene chloride	2.446	84	106551	10.348	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	268724	11.916	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	100081	9.385	ug/L	96
19) 1,1-Dichloroethane	3.111	63	194430	9.894	ug/L	100
21) 2-Butanone	3.886	43	293051	137.142	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	109721	9.079	ug/L	97
23) Bromochloromethane	4.146	128	47551	10.922	ug/L	99
25) Chloroform	4.275	83	202295	10.111	ug/L	97
27) 1,2-Dichloroethane	5.040	62	130624	11.223	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	181907	9.754	ug/L	99
30) Cyclohexane	4.580	56	155782	8.794	ug/L	99
31) Carbon tetrachloride	4.735	117	159024	9.785	ug/L	100
33) Benzene	5.008	78	401287	9.645	ug/L	100
34) Trichloroethene	5.831	95	108000	9.006	ug/L	98
35) Methylcyclohexane	6.050	83	165597	8.917	ug/L	99
37) 1,2-Dichloropropane	6.092	63	100346	9.975	ug/L	99
38) Bromodichloromethane	6.433	83	137710	10.315	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	154875	10.181	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	671616	129.829	ug/L	100
42) Toluene	7.314	91	430168	9.662	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	128857	10.998	ug/L	100

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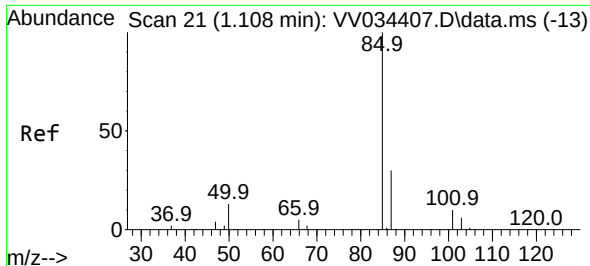
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.767	97	70562	10.911	ug/L	97
47) Tetrachloroethene	7.905	164	84314	8.677	ug/L	97
48) 2-Hexanone	8.076	43	480508	131.681	ug/L	99
49) Dibromochloromethane	8.175	129	82715	10.977	ug/L	100
50) 1,2-Dibromoethane	8.281	107	66526	11.487	ug/L	97
51) Chlorobenzene	8.812	112	274211	9.696	ug/L	98
52) Ethylbenzene	8.947	91	490554	9.634	ug/L	99
53) m,p-Xylene	9.072	106	183263	9.541	ug/L	97
54) o-Xylene	9.477	106	178815	9.583	ug/L	98
55) Styrene	9.493	104	304405	10.191	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	84191	12.231	ug/L	97
59) Bromoform	9.667	173	41990	10.627	ug/L	98
60) Isopropylbenzene	9.866	105	465869	8.988	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	61551	11.923	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	406406	9.212	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	404086	9.380	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	226050	9.794	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	220525	9.635	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	207258	10.331	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	14991	13.401	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	170536	9.626	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	154753	10.850	ug/L	99
71) Naphthalene	13.439	128	275695	13.798	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	136526	11.800	ug/L	100

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

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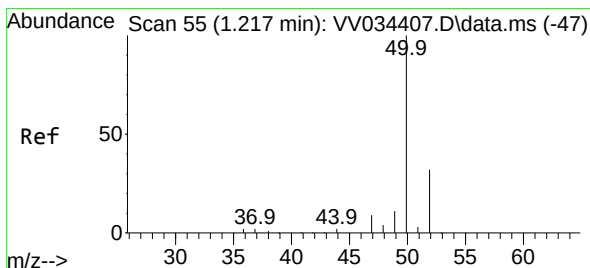
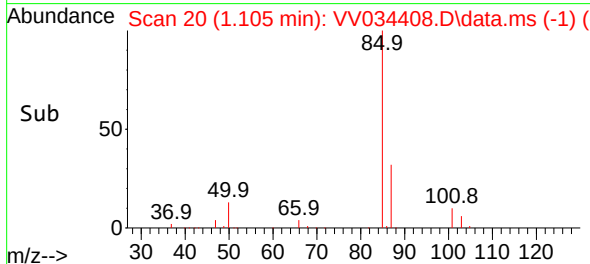
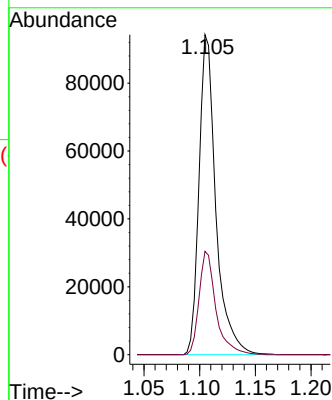
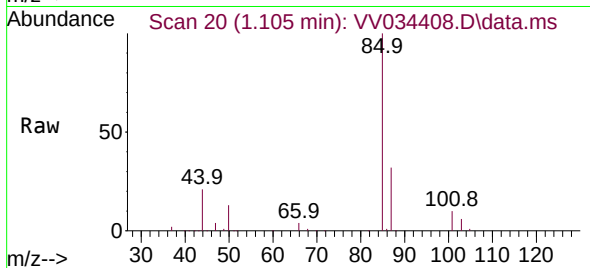




#2
Dichlorodifluoromethane
Concen: 7.541 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

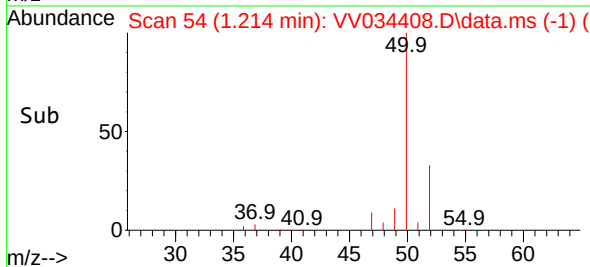
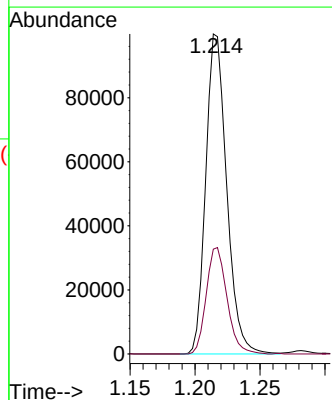
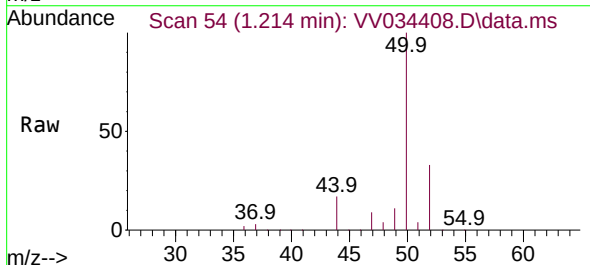
Instrument :
MSVOA_V
ClientSampleId :

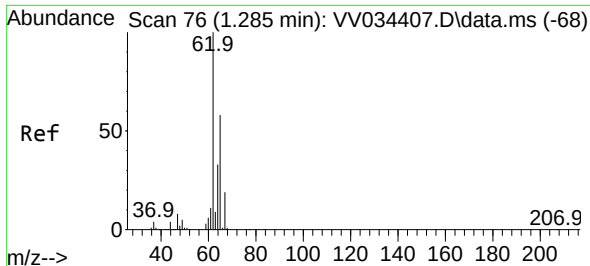
Tgt Ion: 85 Resp: 99089
Ion Ratio Lower Upper
85 100
87 32.3 24.9 37.3



#3
Chloromethane
Concen: 7.676 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion: 50 Resp: 112032
Ion Ratio Lower Upper
50 100
52 32.7 22.3 41.3

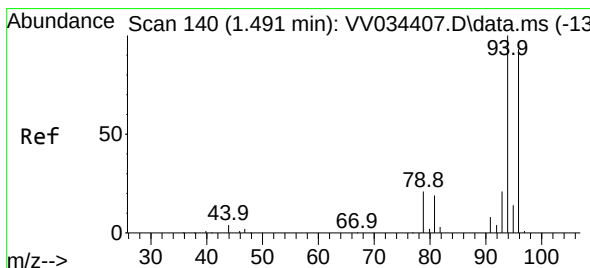
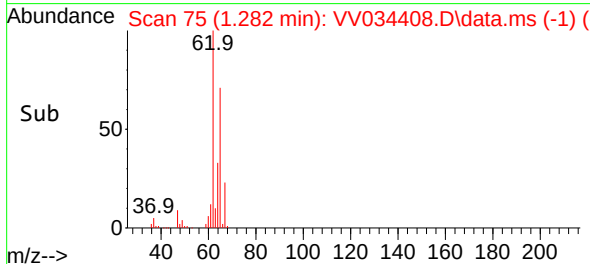
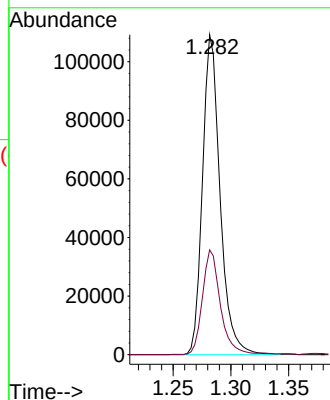
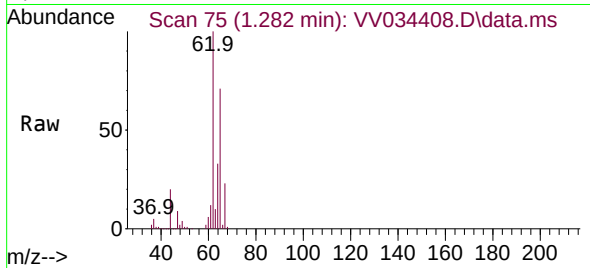




#5
 Vinyl chloride
 Concen: 8.266 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

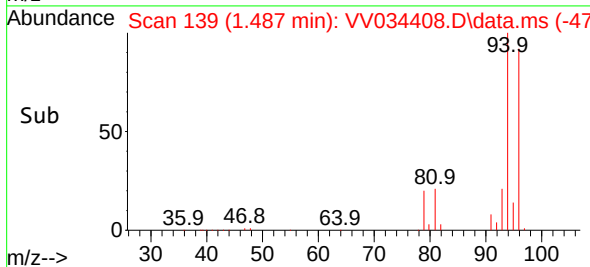
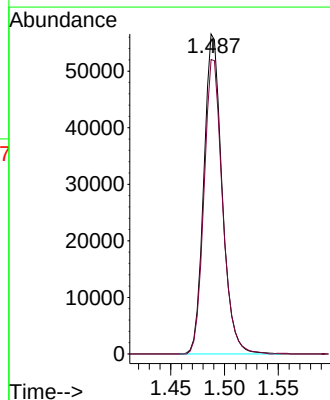
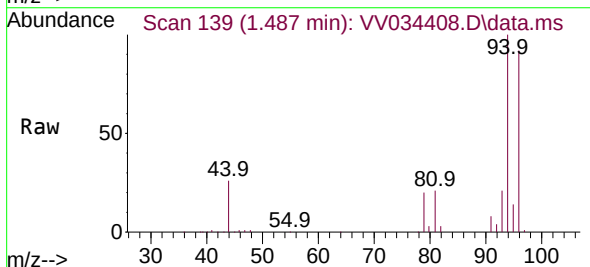
Instrument :
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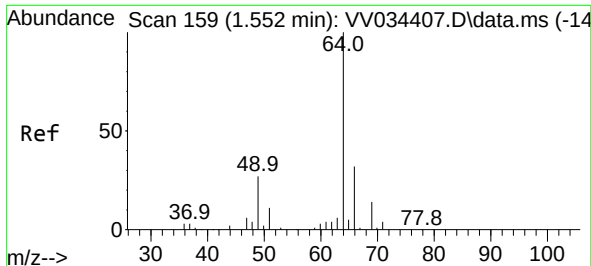
Tgt Ion: 62 Resp: 115244
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 8.825 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

Tgt Ion: 94 Resp: 66659
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.5 121.7

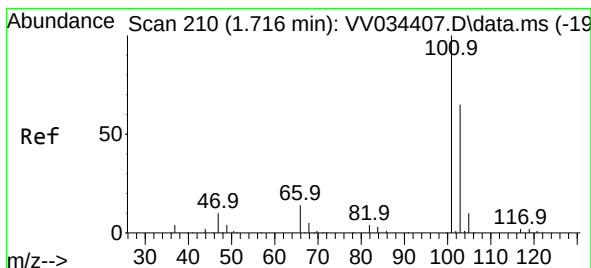
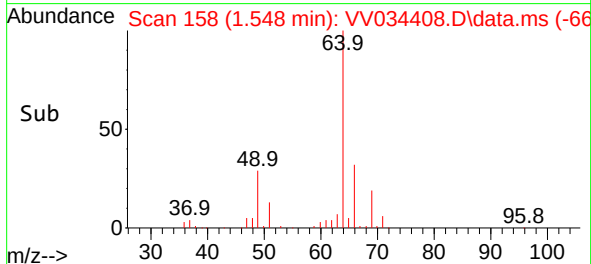
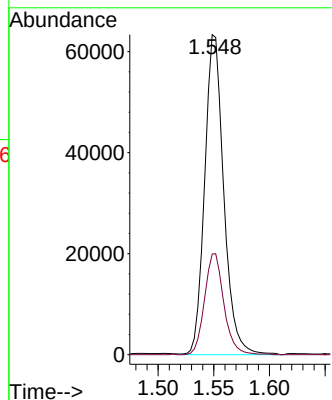
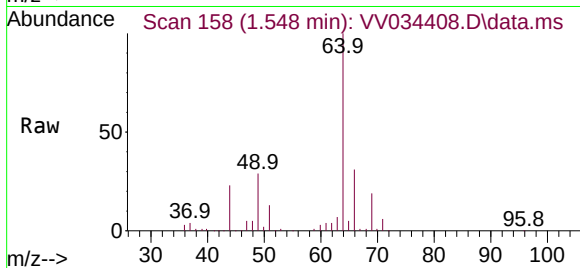




#8
Chloroethane
Concen: 7.842 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

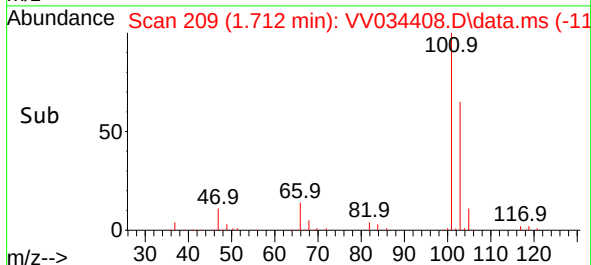
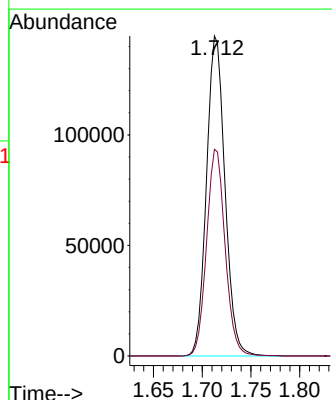
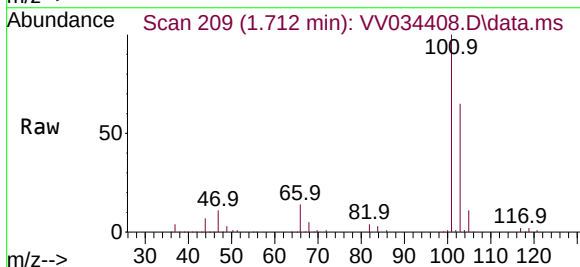
Instrument :
MSVOA_V
ClientSampleId :

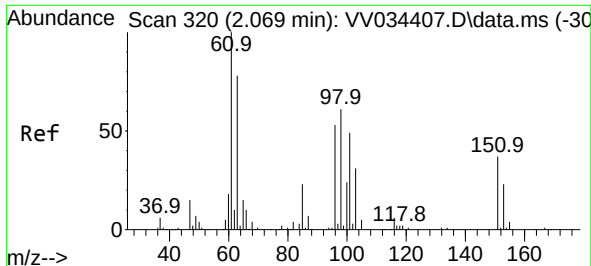
Tgt Ion: 64 Resp: 75695
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 9.309 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion:101 Resp: 190666
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.653 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

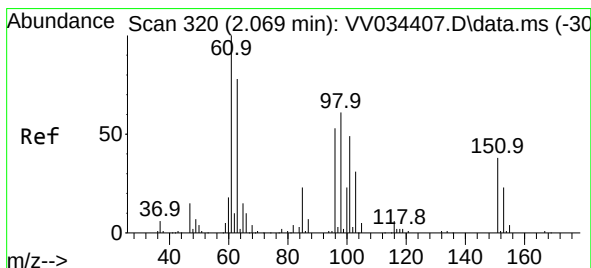
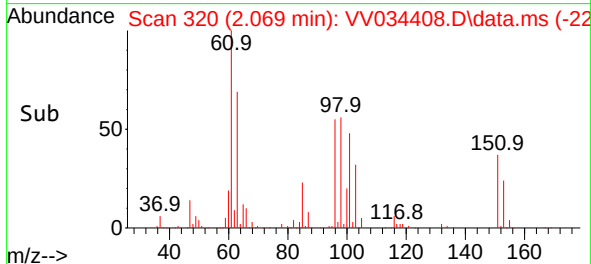
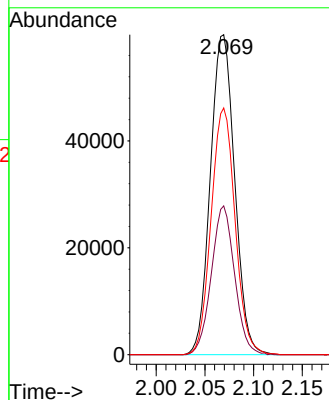
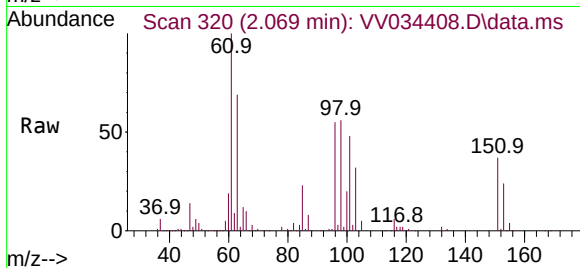
Tgt Ion:101 Resp: 103838

Ion Ratio Lower Upper

101 100

85 44.5 37.9 56.9

151 76.1 61.8 92.6



#12

1,1-Dichloroethene

Concen: 9.371 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

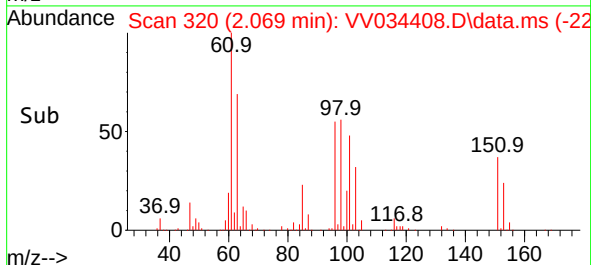
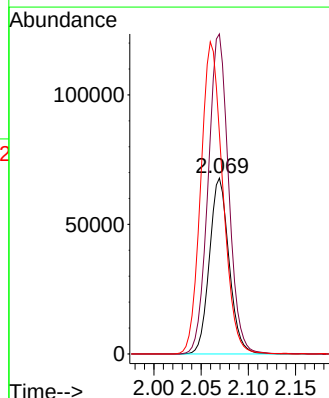
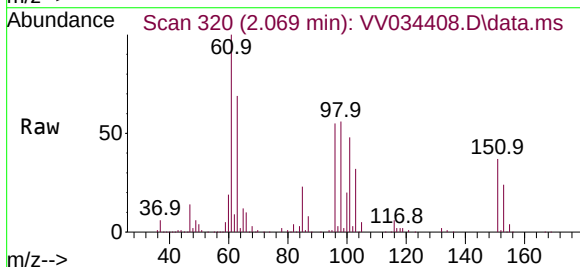
Tgt Ion: 96 Resp: 97854

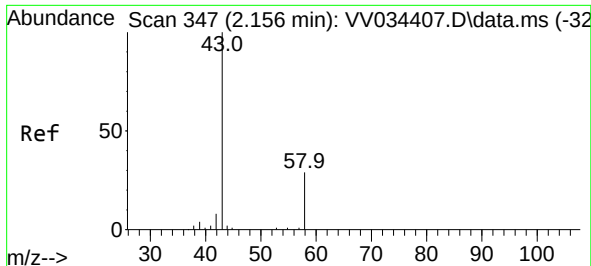
Ion Ratio Lower Upper

96 100

61 182.0 131.3 243.8

63 125.5 102.8 191.0





#13

Acetone

Concen: 139.683 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

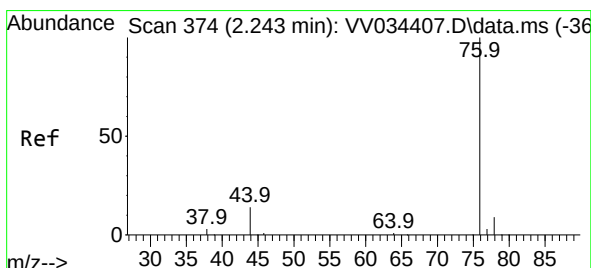
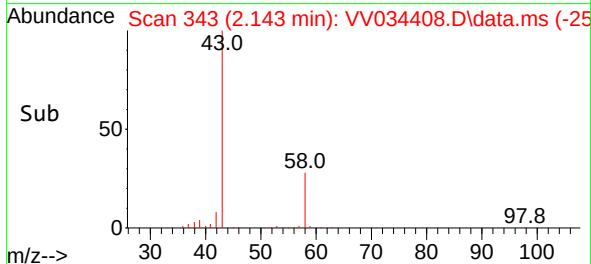
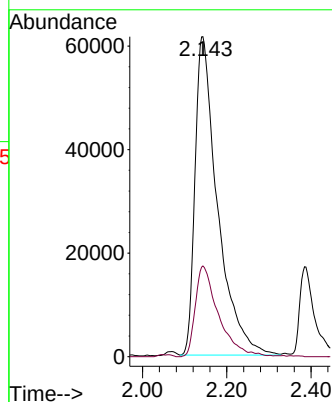
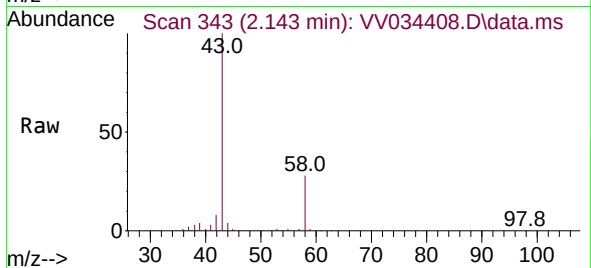
ClientSampleId :

Tgt Ion: 43 Resp: 228065

Ion Ratio Lower Upper

43 100

58 28.5 0.0 56.2



#14

Carbon disulfide

Concen: 8.137 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034408.D

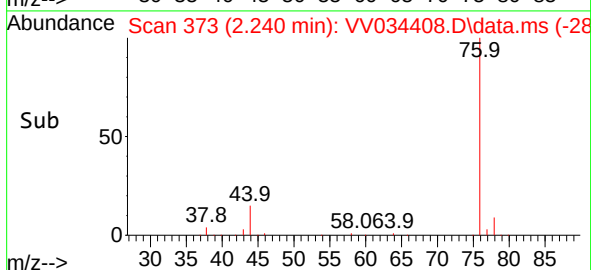
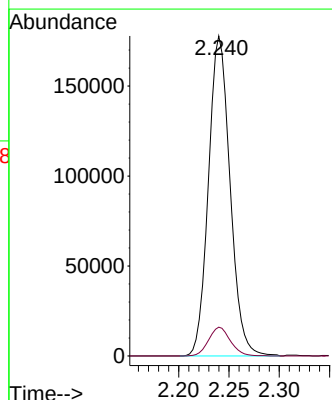
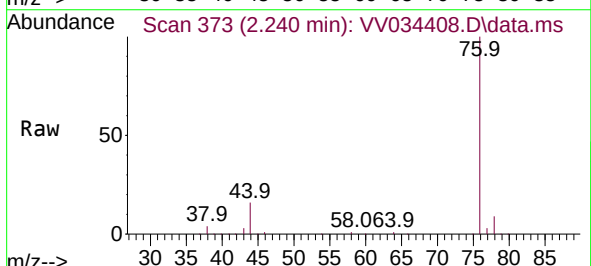
Acq: 26 Feb 2024 13:39

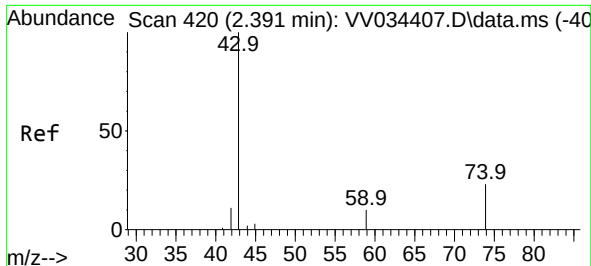
Tgt Ion: 76 Resp: 265977

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4





#15

Methyl Acetate

Concen: 10.912 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

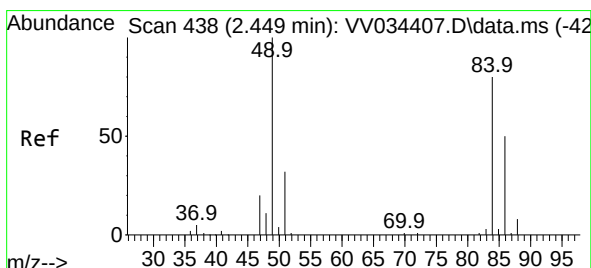
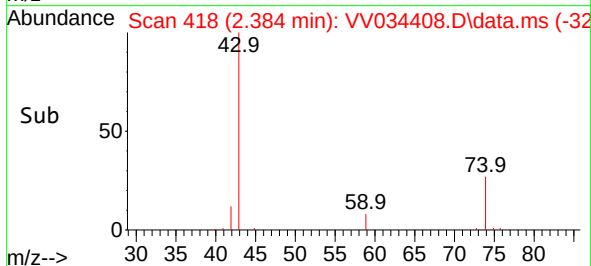
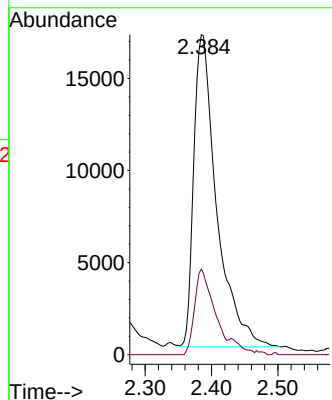
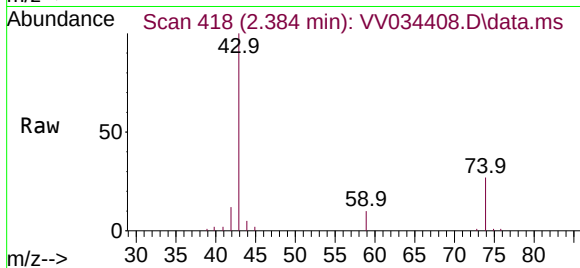
ClientSampleId :

Tgt Ion: 43 Resp: 40761

Ion Ratio Lower Upper

43 100

74 22.8 18.6 28.0



#16

Methylene chloride

Concen: 10.348 ug/L

RT: 2.446 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

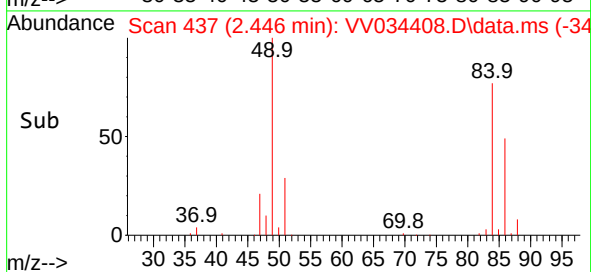
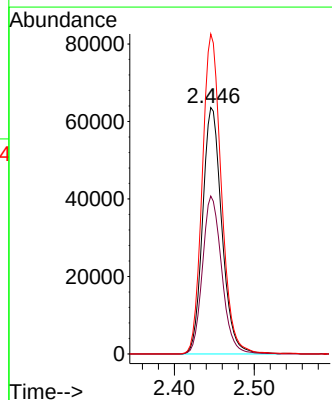
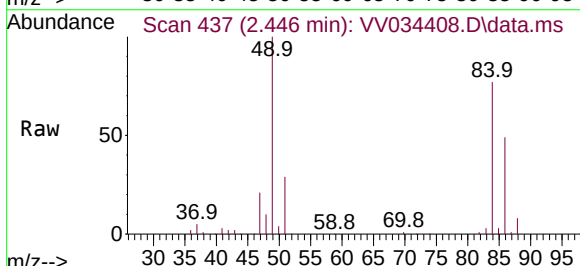
Tgt Ion: 84 Resp: 106551

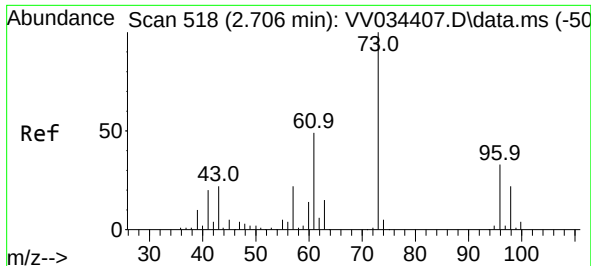
Ion Ratio Lower Upper

84 100

86 64.1 43.8 81.4

49 129.8 87.6 162.8





#17

Methyl tert-butyl Ether

Concen: 11.916 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

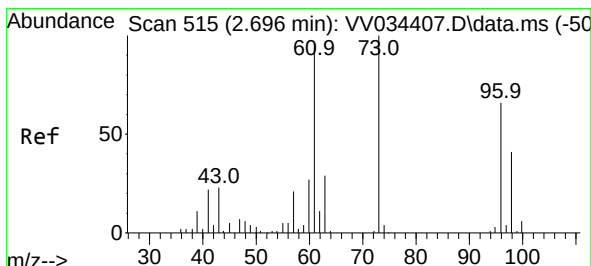
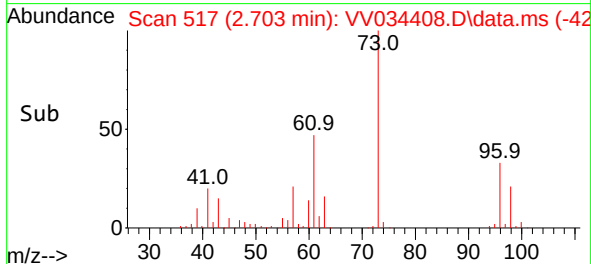
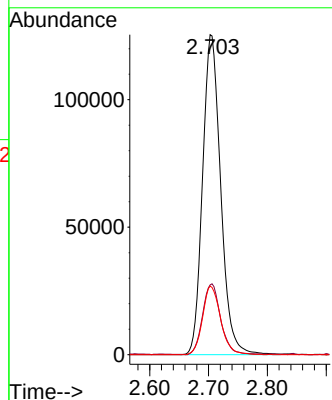
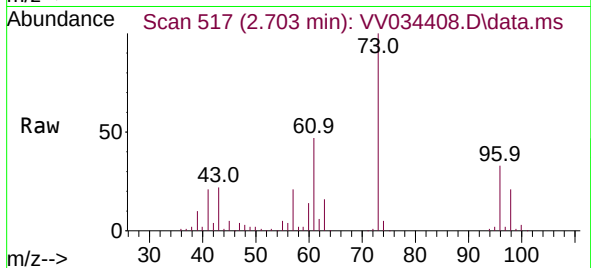
Tgt Ion: 73 Resp: 268724

Ion Ratio Lower Upper

73 100

43 22.2 18.0 27.0

57 21.4 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 9.385 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

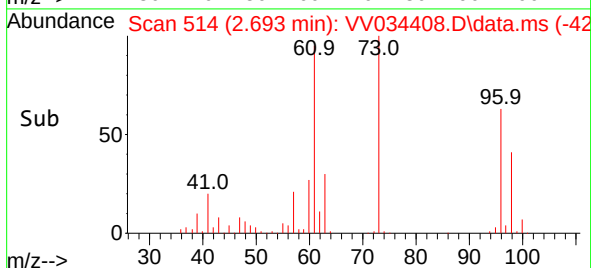
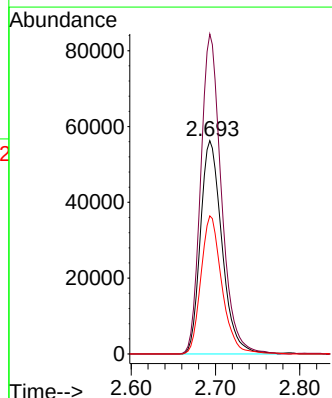
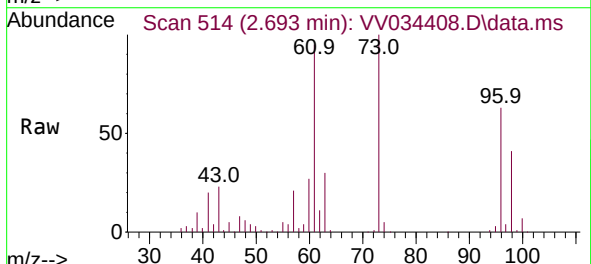
Tgt Ion: 96 Resp: 100081

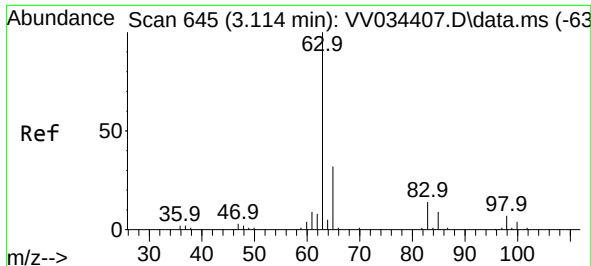
Ion Ratio Lower Upper

96 100

61 150.0 101.3 188.1

98 64.7 43.5 80.7





#19

1,1-Dichloroethane

Concen: 9.894 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

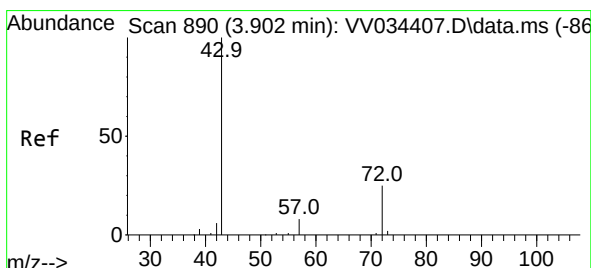
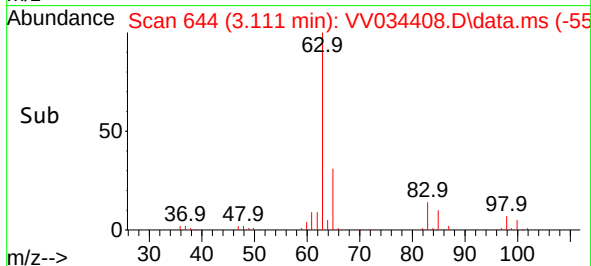
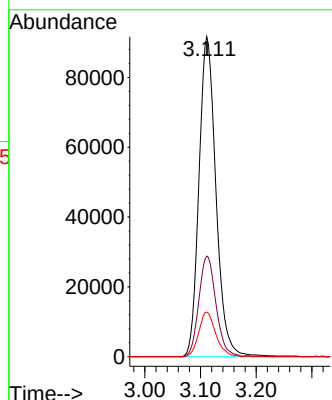
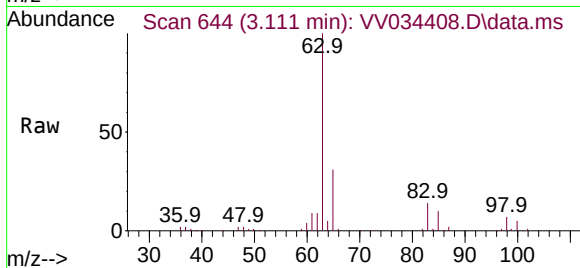
Tgt Ion: 63 Resp: 194430

Ion Ratio Lower Upper

63 100

65 31.4 22.0 41.0

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 137.142 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.016 min

Lab File: VV034408.D

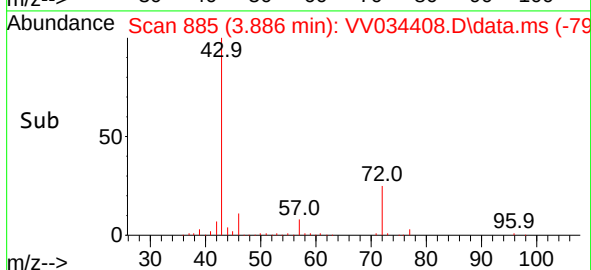
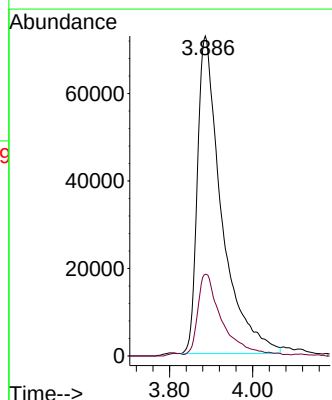
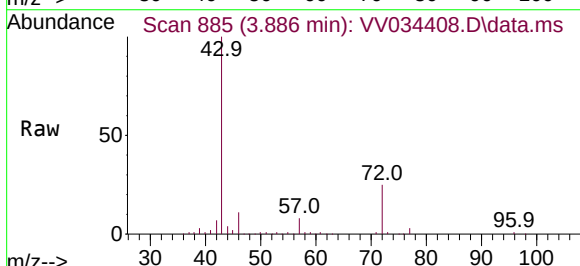
Acq: 26 Feb 2024 13:39

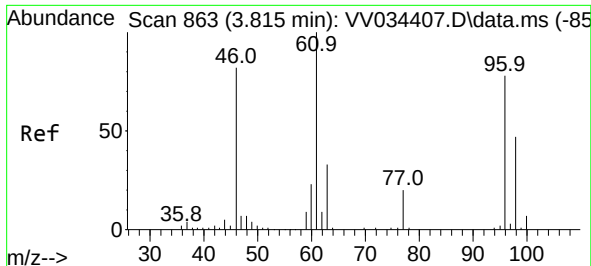
Tgt Ion: 43 Resp: 293051

Ion Ratio Lower Upper

43 100

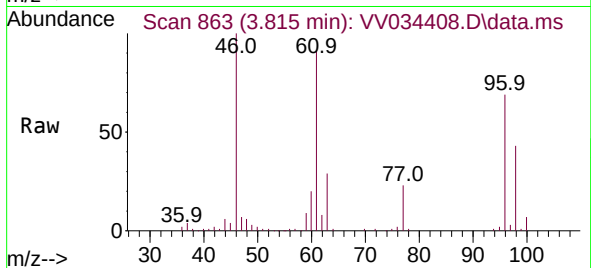
72 24.7 12.4 37.0



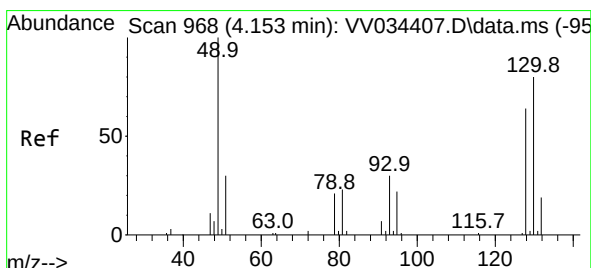
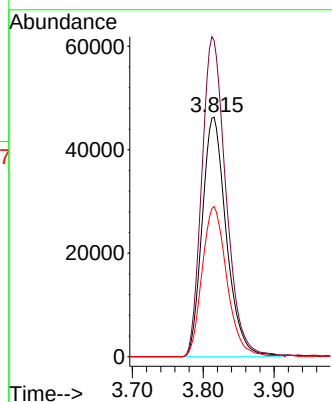
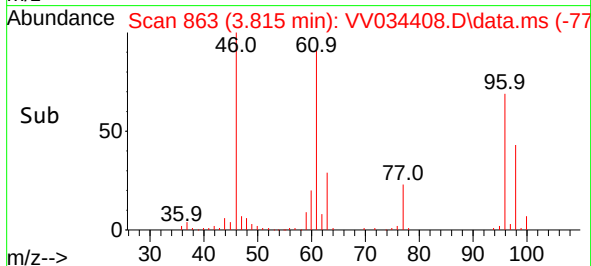


#22
 cis-1,2-Dichloroethene
 Concen: 9.079 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

Instrument :
 MSVOA_V
 ClientSampleId :

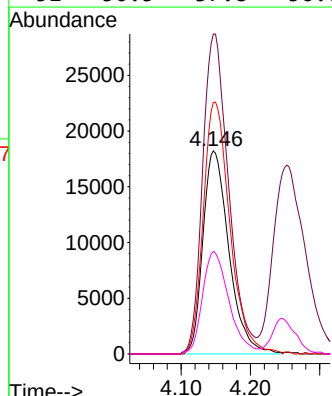
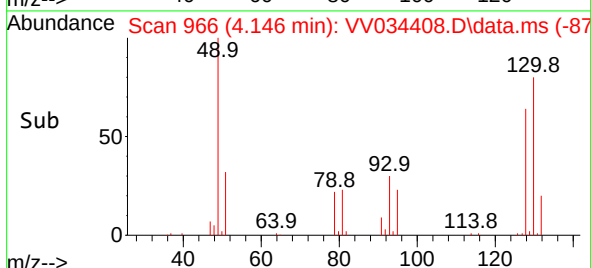
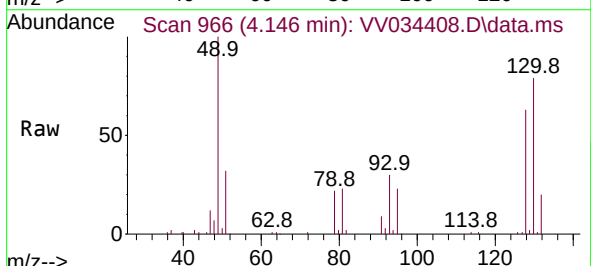


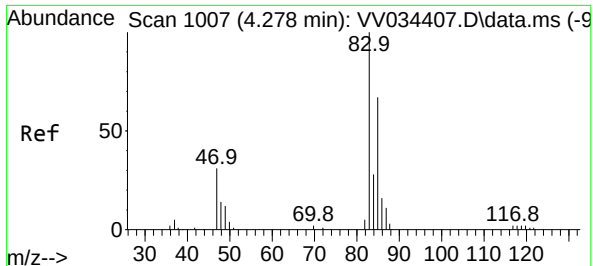
Tgt Ion: 96 Resp: 109721
 Ion Ratio Lower Upper
 96 100
 61 132.0 89.7 166.5
 98 62.7 42.0 78.0



#23
 Bromochloromethane
 Concen: 10.922 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

Tgt Ion: 128 Resp: 47551
 Ion Ratio Lower Upper
 128 100
 49 157.6 109.9 204.1
 130 123.9 87.7 162.9
 51 50.5 37.8 56.6





#25

Chloroform

Concen: 10.111 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

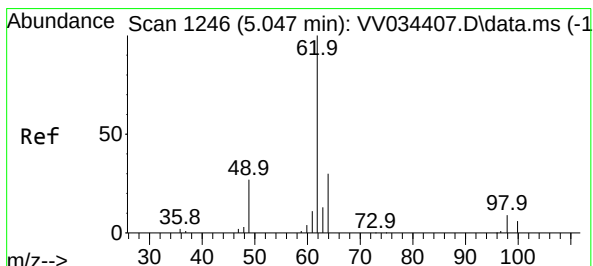
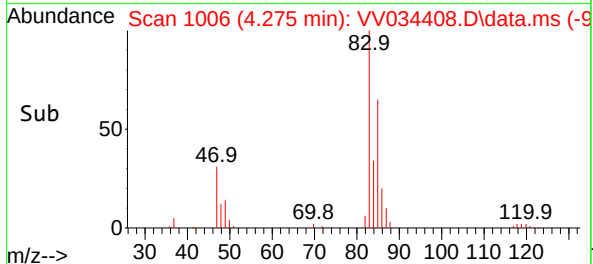
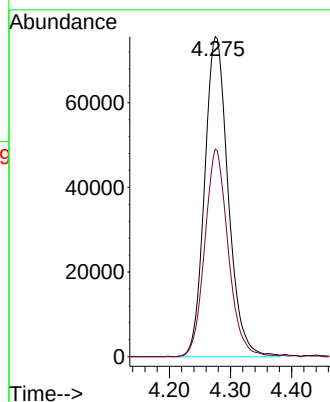
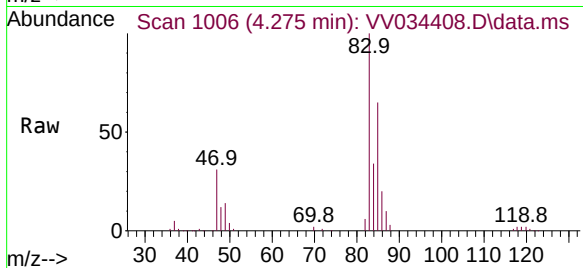
ClientSampleId :

Tgt Ion: 83 Resp: 202295

Ion Ratio Lower Upper

83 100

85 64.9 47.0 87.4



#27

1,2-Dichloroethane

Concen: 11.223 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VV034408.D

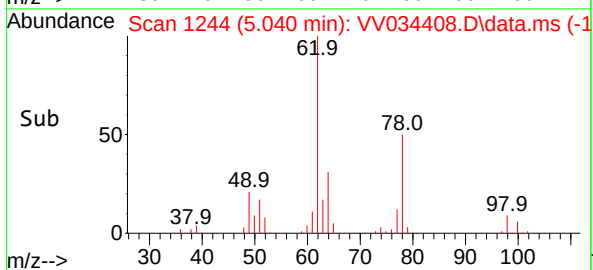
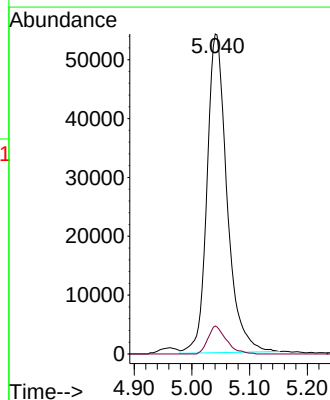
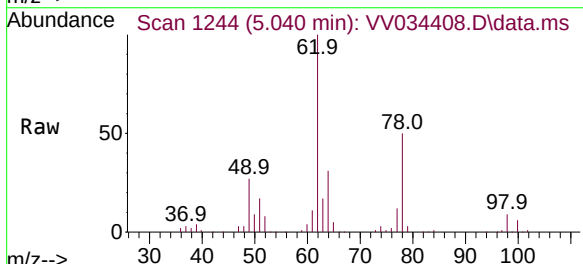
Acq: 26 Feb 2024 13:39

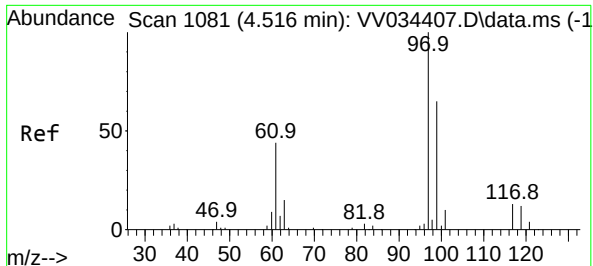
Tgt Ion: 62 Resp: 130624

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 9.754 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

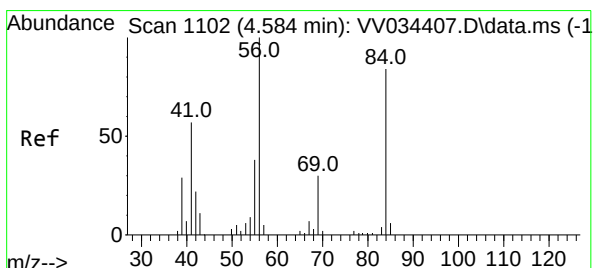
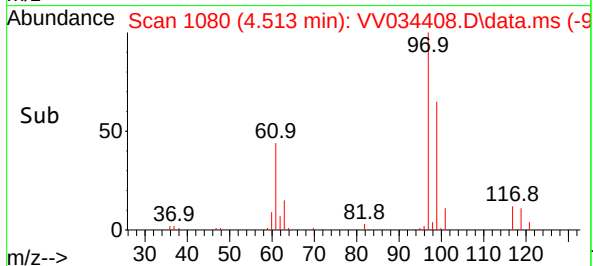
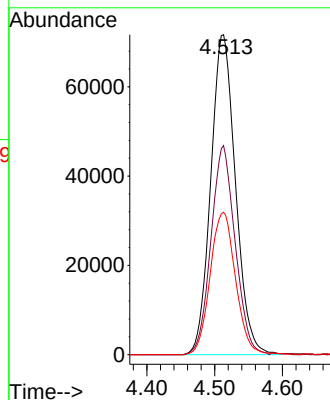
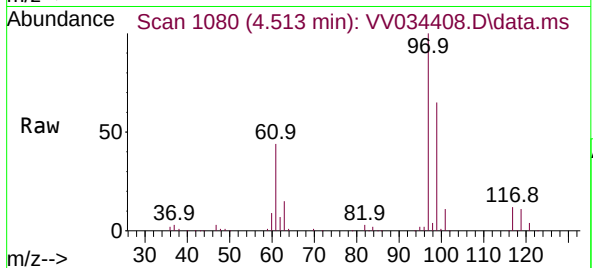
Tgt Ion: 97 Resp: 181907

Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 45.8 36.1 54.1



#30

Cyclohexane

Concen: 8.794 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

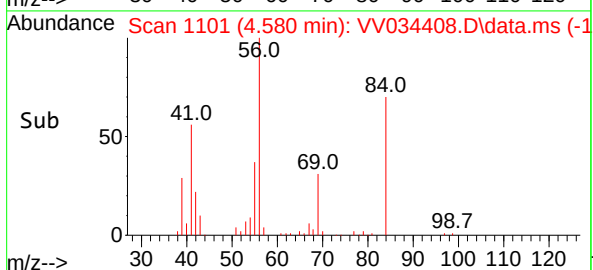
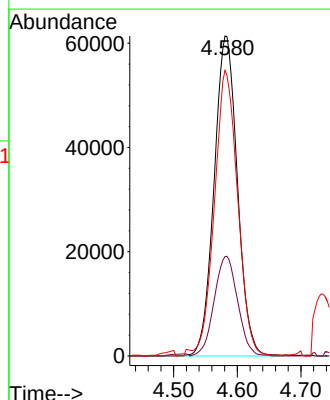
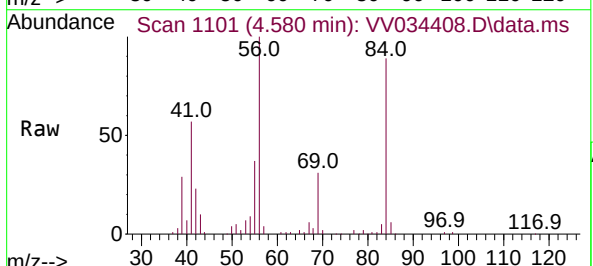
Tgt Ion: 56 Resp: 155782

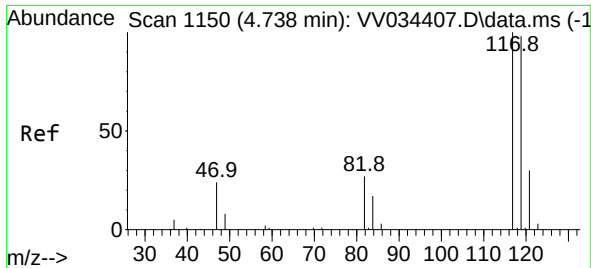
Ion Ratio Lower Upper

56 100

69 31.4 24.5 36.7

84 89.0 70.3 105.5

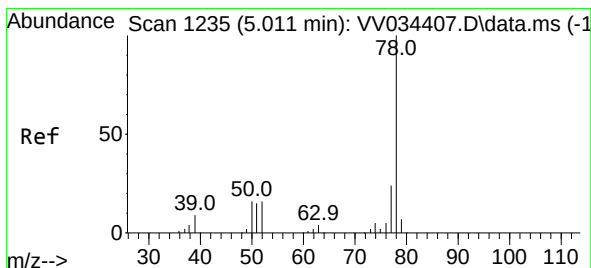
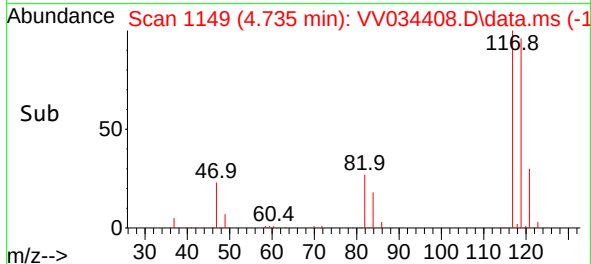
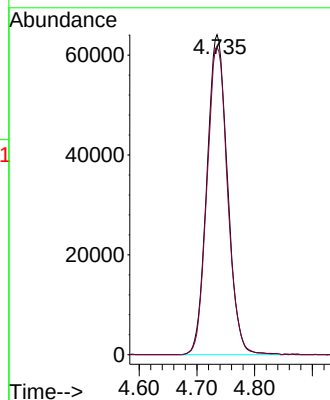
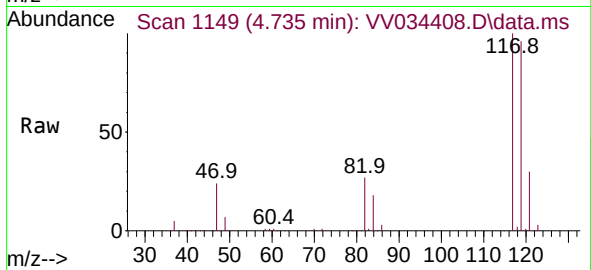




#31
Carbon tetrachloride
Concen: 9.785 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

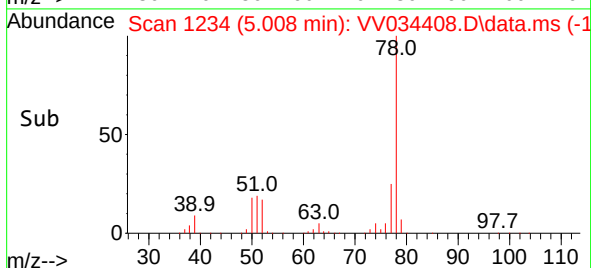
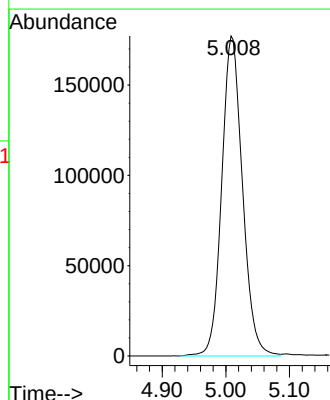
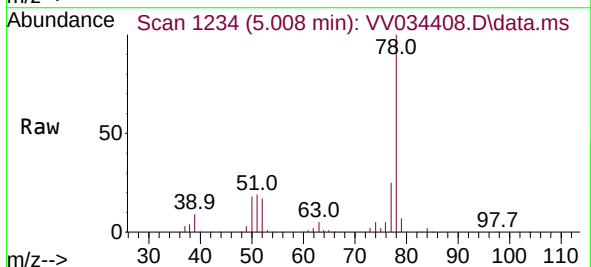
Instrument :
MSVOA_V
ClientSampleId :

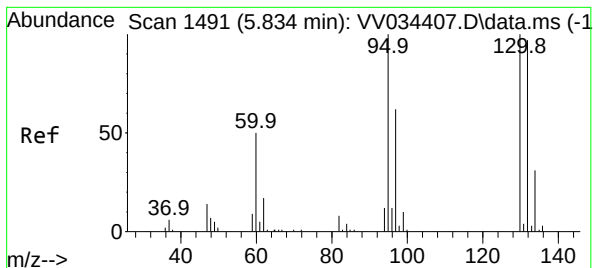
Tgt Ion:117 Resp: 159024
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 9.645 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion: 78 Resp: 401287





#34

Trichloroethene

Concen: 9.006 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 108000

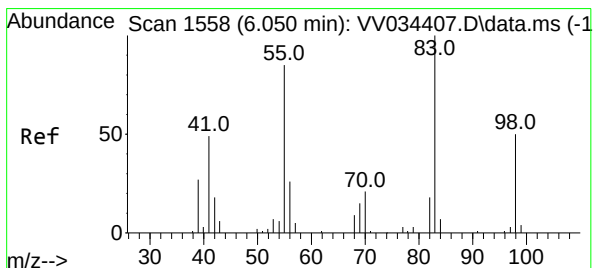
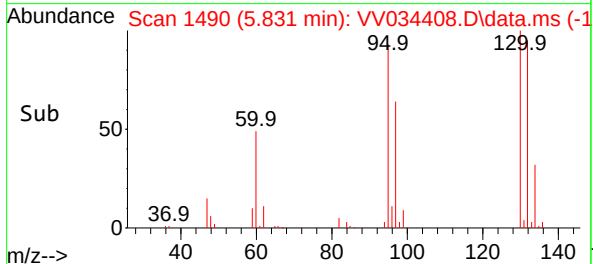
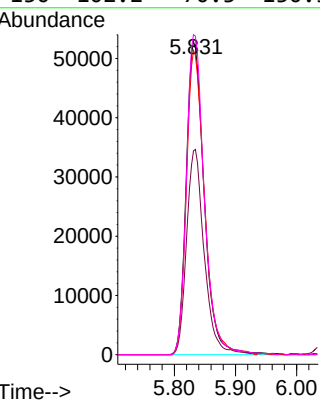
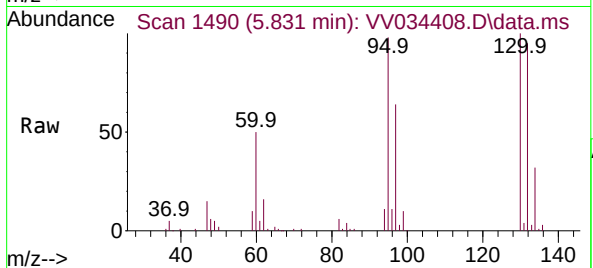
Ion Ratio Lower Upper

95 100

97 65.1 43.3 80.5

132 97.2 67.8 126.0

130 102.2 70.3 130.5



#35

Methylcyclohexane

Concen: 8.917 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

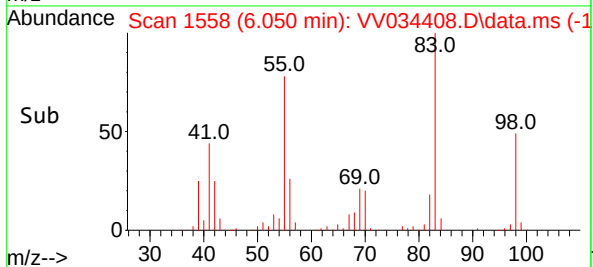
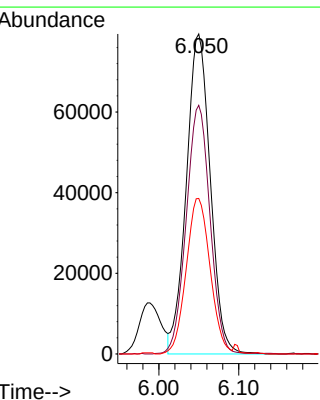
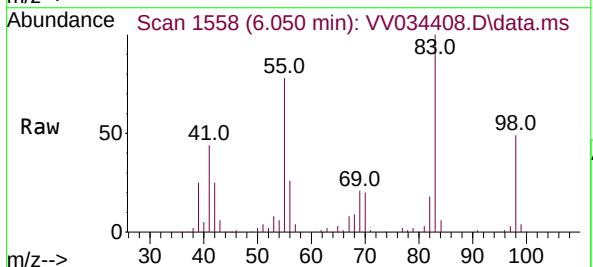
Tgt Ion: 83 Resp: 165597

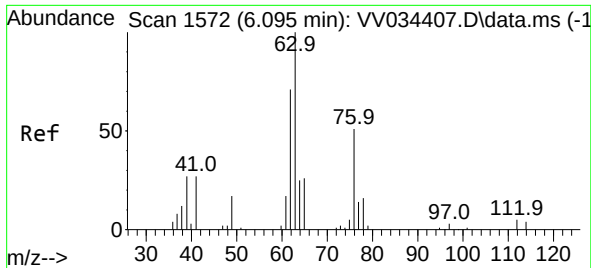
Ion Ratio Lower Upper

83 100

55 77.1 61.9 92.9

98 48.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 9.975 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

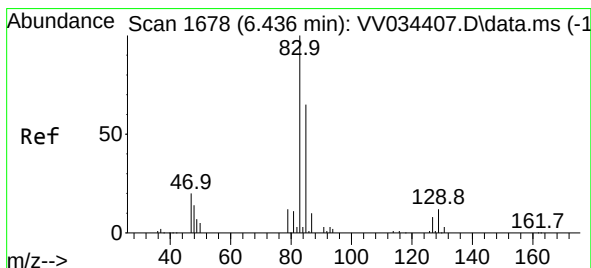
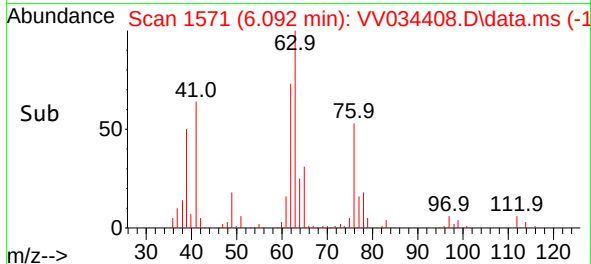
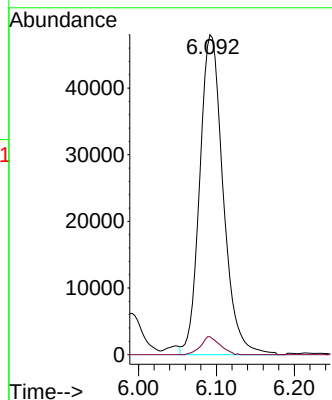
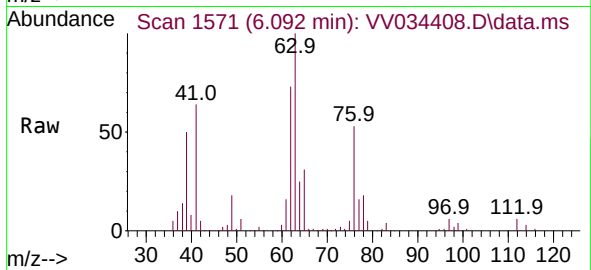
ClientSampleId :

Tgt Ion: 63 Resp: 100346

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 10.315 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

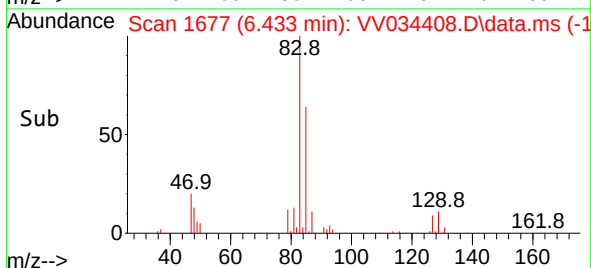
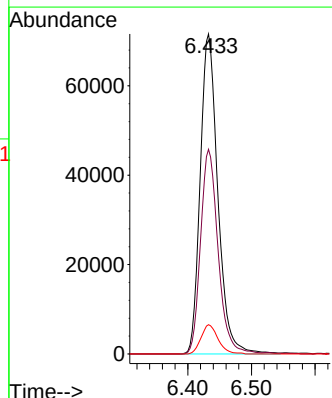
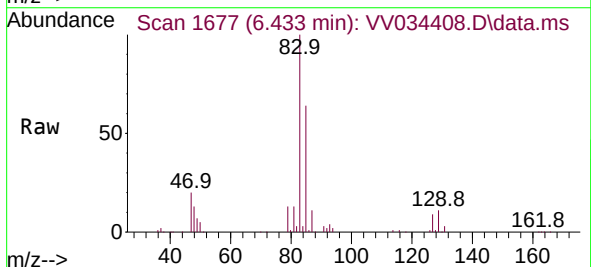
Tgt Ion: 83 Resp: 137710

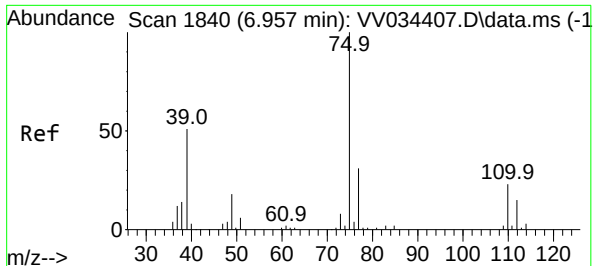
Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

127 9.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 10.181 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

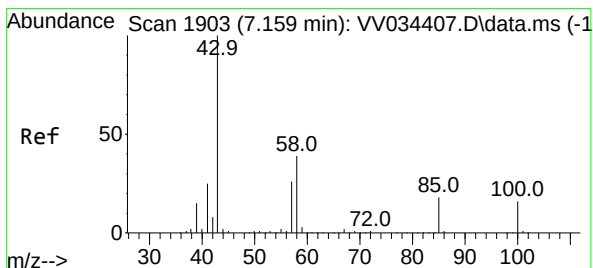
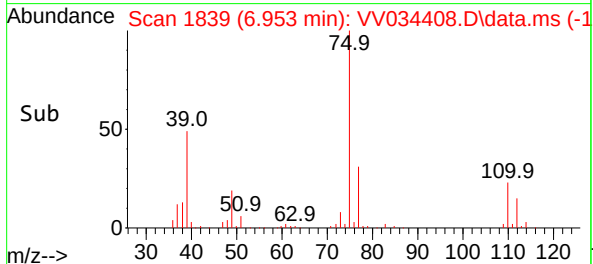
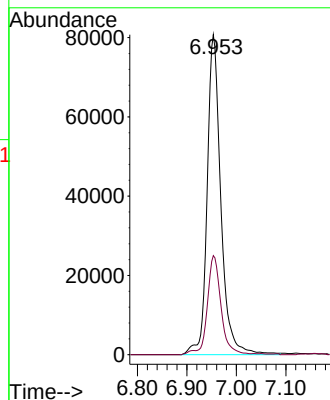
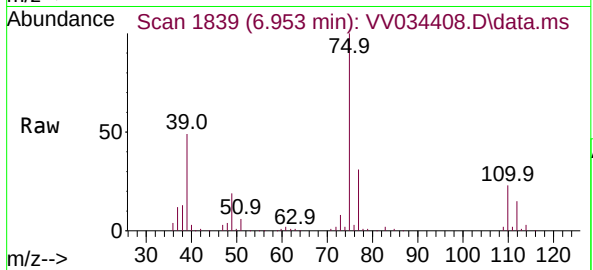
ClientSampleId :

Tgt Ion: 75 Resp: 154875

Ion Ratio Lower Upper

75 100

77 30.9 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 129.829 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

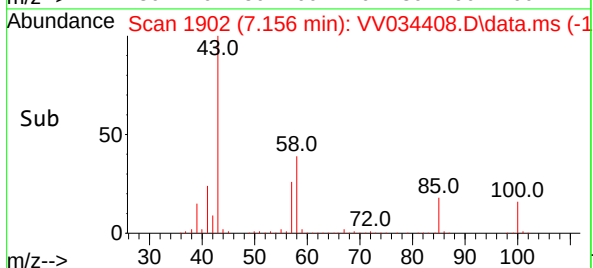
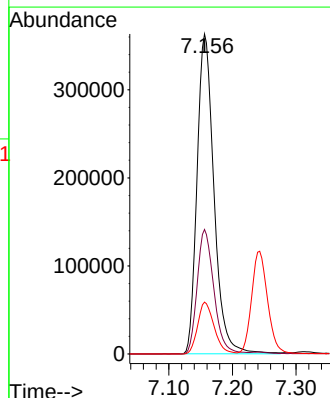
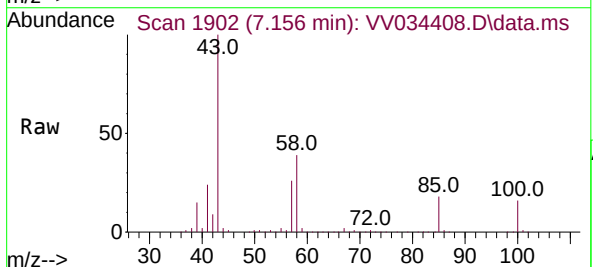
Tgt Ion: 43 Resp: 671616

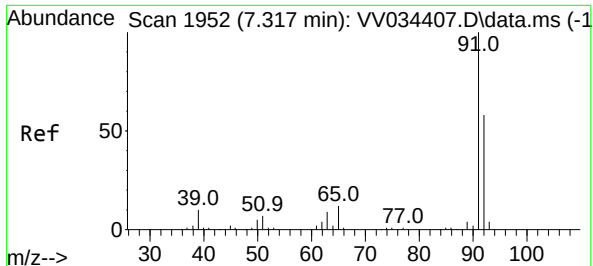
Ion Ratio Lower Upper

43 100

58 38.4 30.7 46.1

100 15.8 12.3 18.5





#42

Toluene

Concen: 9.662 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

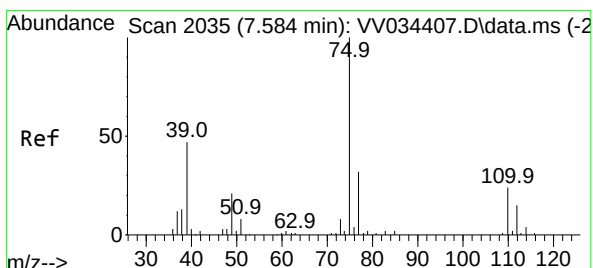
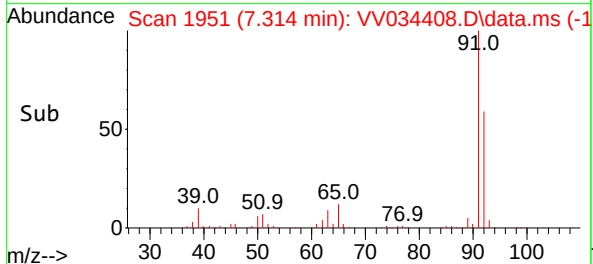
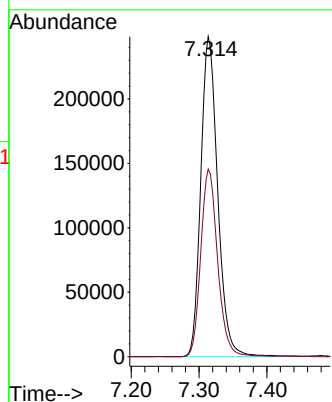
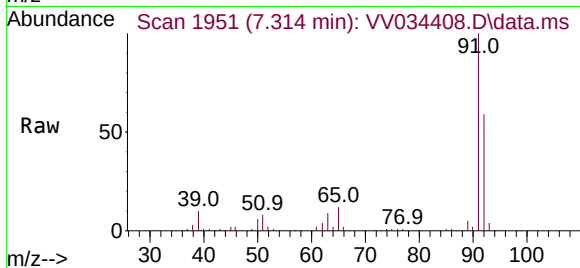
ClientSampleId :

Tgt Ion: 91 Resp: 430168

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 10.998 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV034408.D

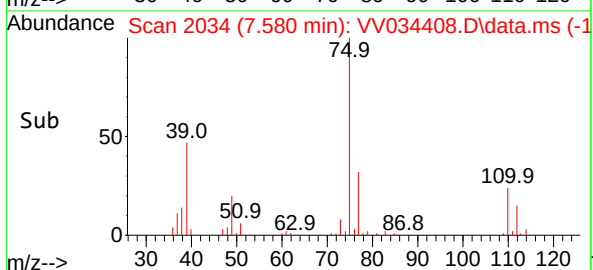
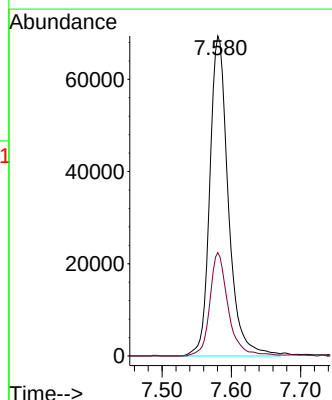
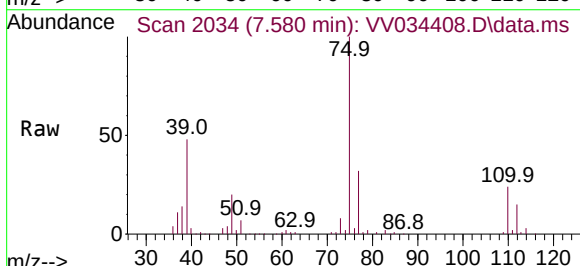
Acq: 26 Feb 2024 13:39

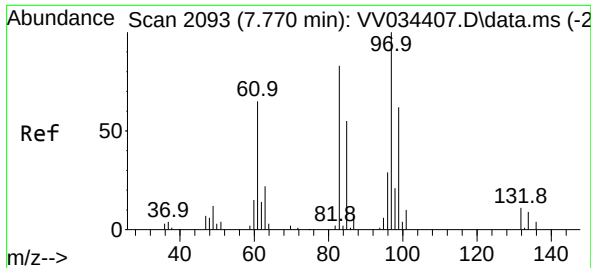
Tgt Ion: 75 Resp: 128857

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.1

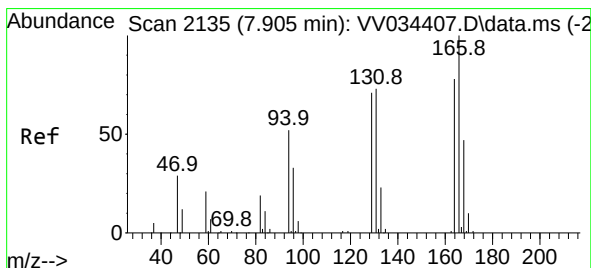
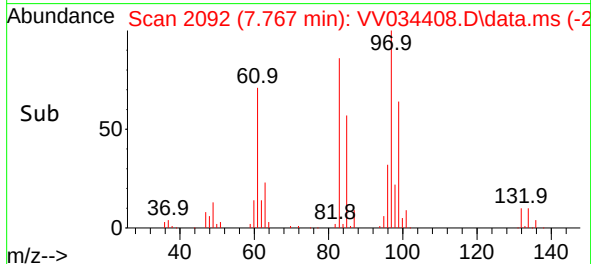
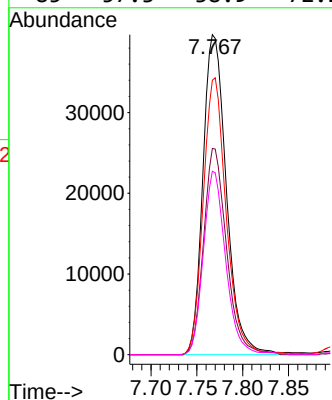
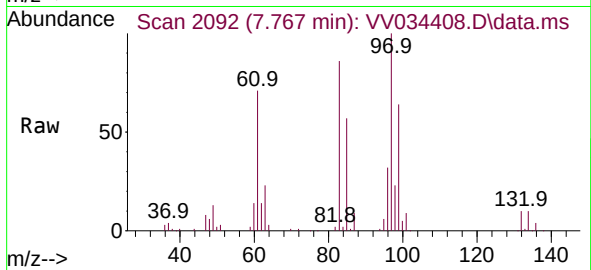




#45
1,1,2-Trichloroethane
Concen: 10.911 ug/L
RT: 7.767 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

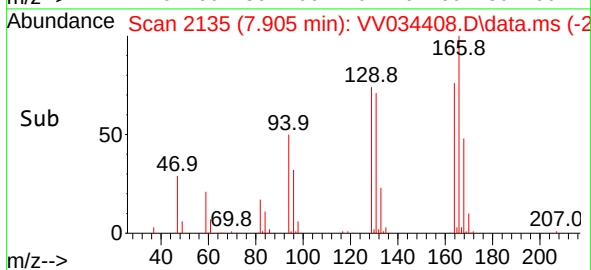
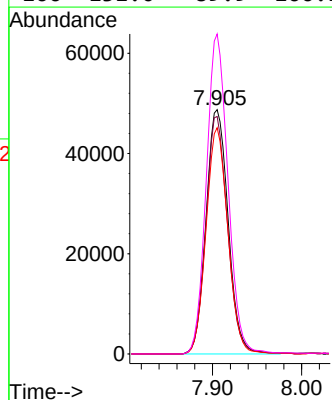
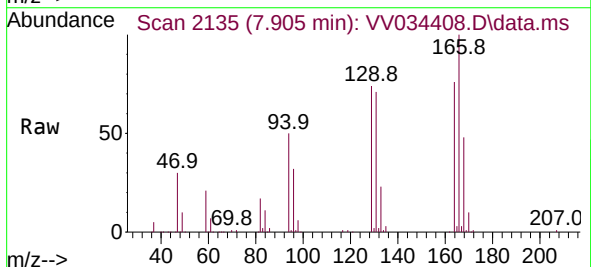
Instrument :
MSVOA_V
ClientSampleId :

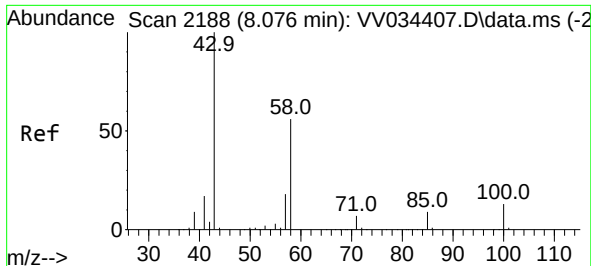
Tgt Ion:	97	Resp:	70562
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.3	80.5
83	85.7	57.9	107.5
85	57.3	38.9	72.2



#47
Tetrachloroethene
Concen: 8.677 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion:	164	Resp:	84314
Ion	Ratio	Lower	Upper
164	100		
129	97.2	64.2	119.2
131	92.6	65.9	122.3
166	131.0	89.9	166.9



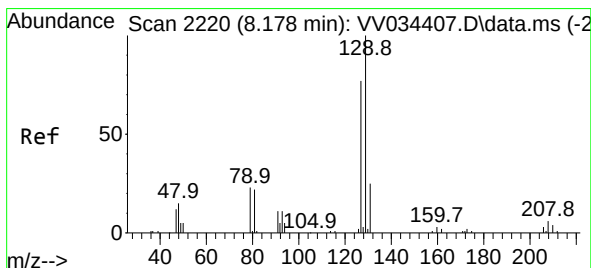
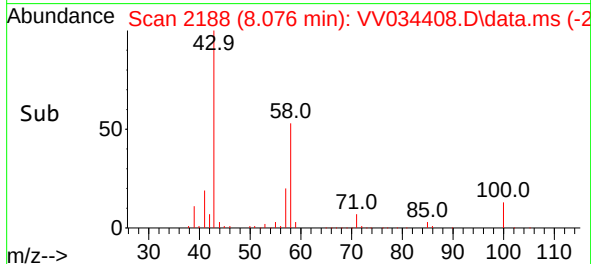
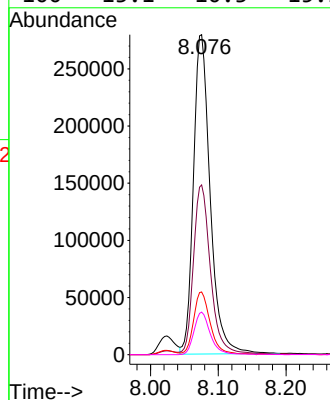
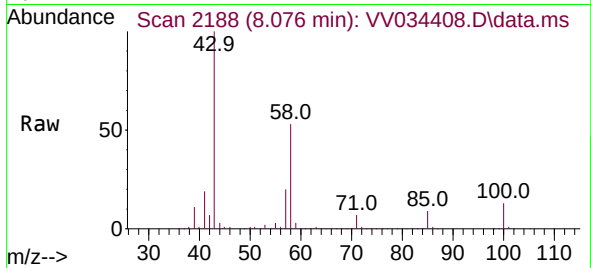


#48
2-Hexanone
Concen: 131.681 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 480508

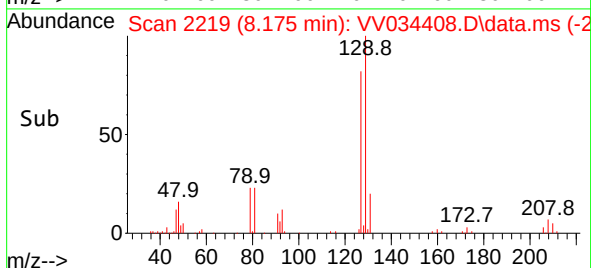
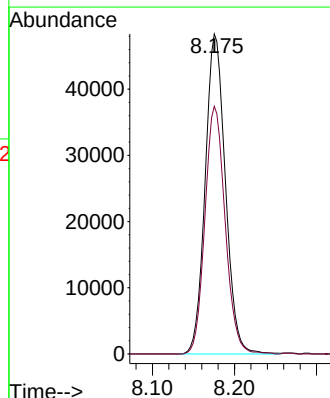
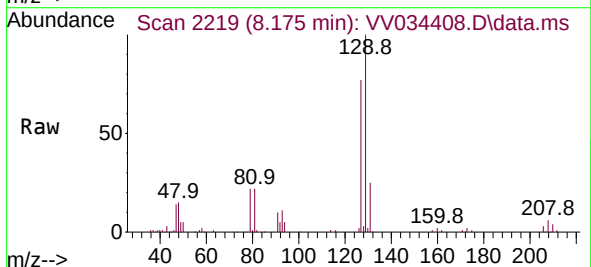
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.4	65.0
57	18.9	15.5	23.3
100	13.1	10.3	15.5

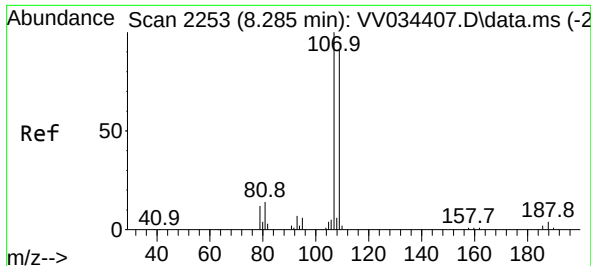


#49
Dibromochloromethane
Concen: 10.977 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion: 129 Resp: 82715

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.0	100.4





#50

1,2-Dibromoethane

Concen: 11.487 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV034408.D

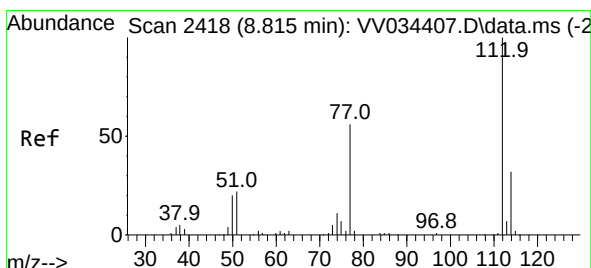
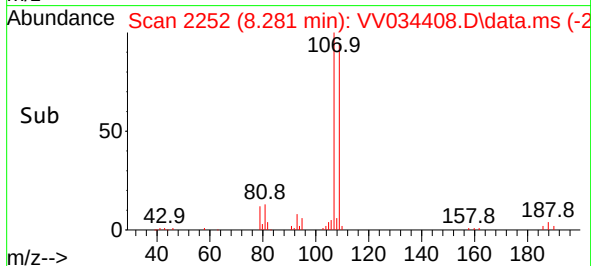
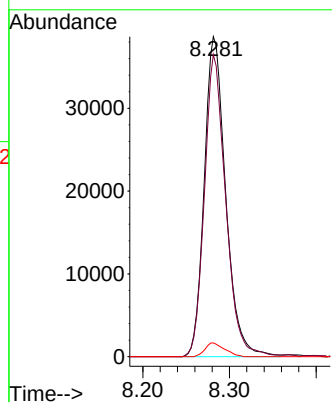
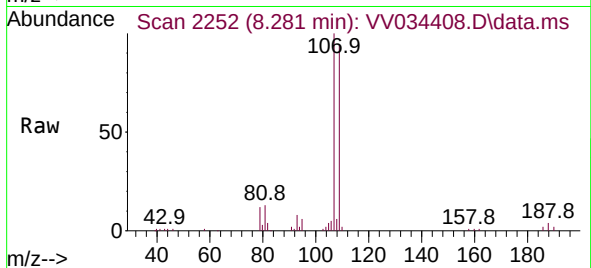
Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	66526
Ion	Ratio	Lower	Upper
107	100		
109	94.4	63.8	118.4
188	4.3	3.1	4.7



#51

Chlorobenzene

Concen: 9.696 ug/L

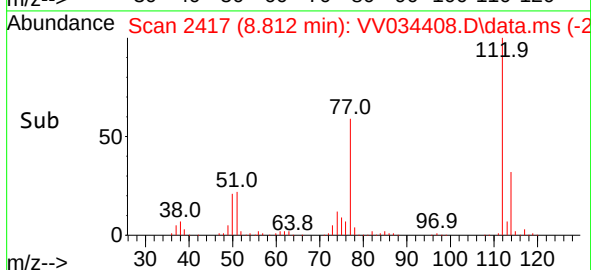
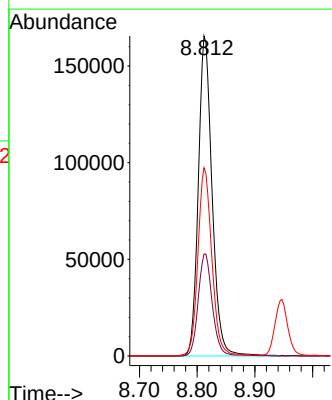
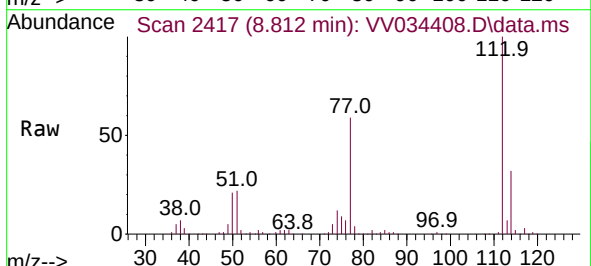
RT: 8.812 min Scan# 2417

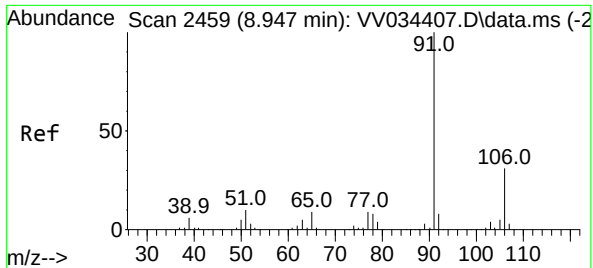
Delta R.T. -0.003 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Tgt Ion:	112	Resp:	274211
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.9
77	58.8	45.4	68.2

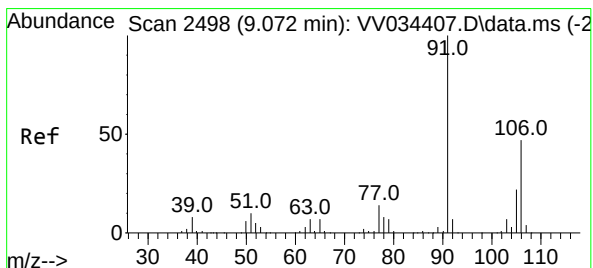
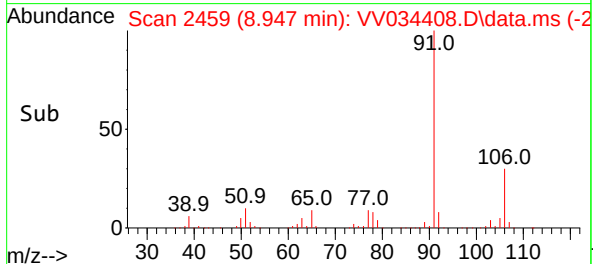
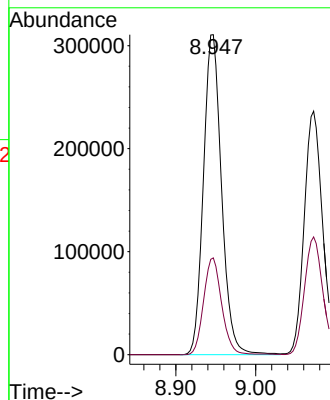
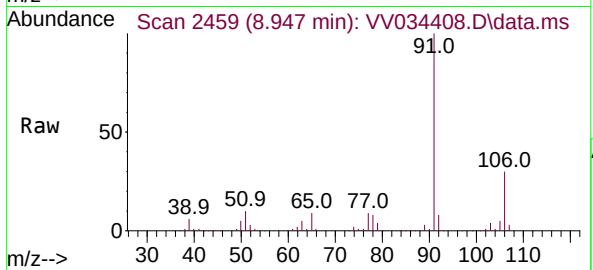




#52
Ethylbenzene
Concen: 9.634 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

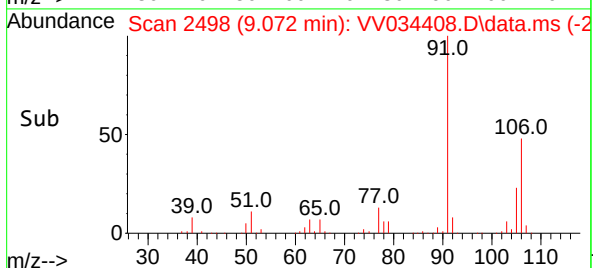
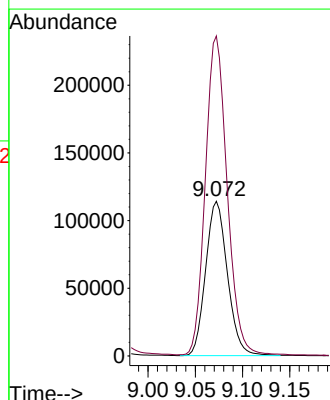
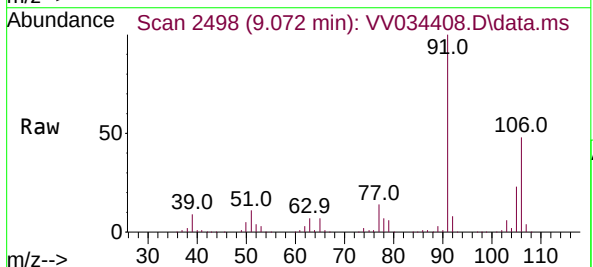
Instrument :
MSVOA_V
ClientSampleId :

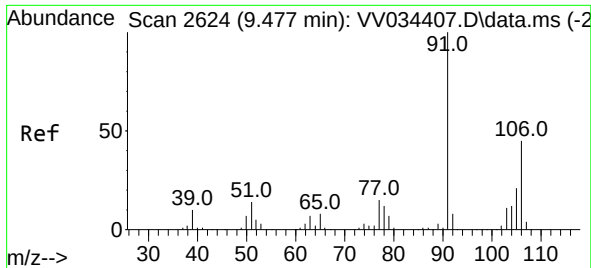
Tgt Ion: 91 Resp: 490554
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 9.541 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion: 106 Resp: 183263
Ion Ratio Lower Upper
106 100
91 206.8 148.5 275.9

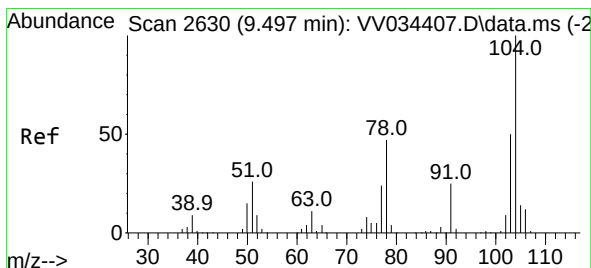
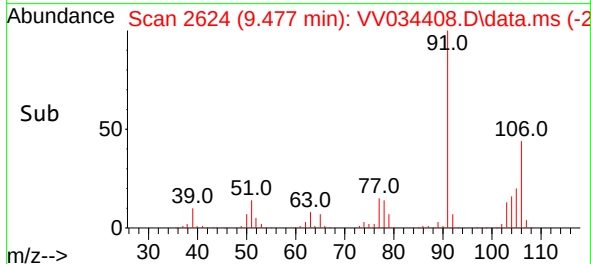
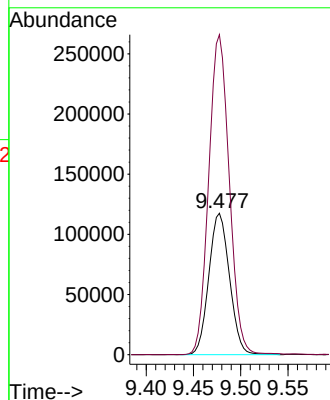
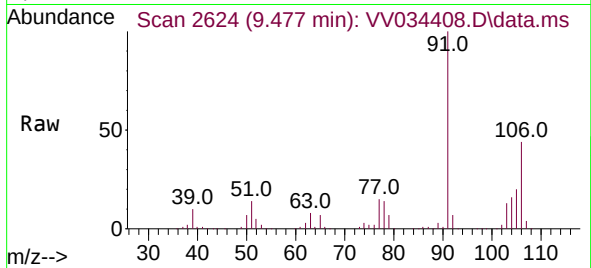




#54
o-Xylene
Concen: 9.583 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

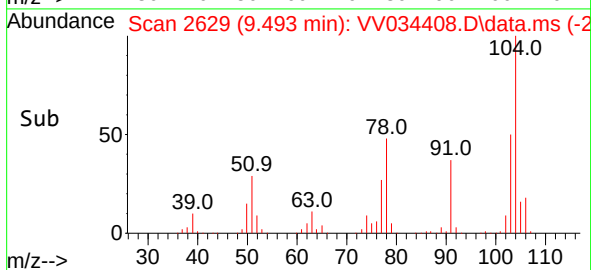
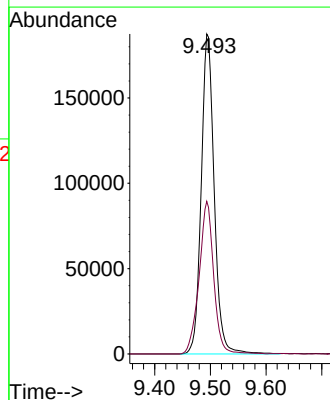
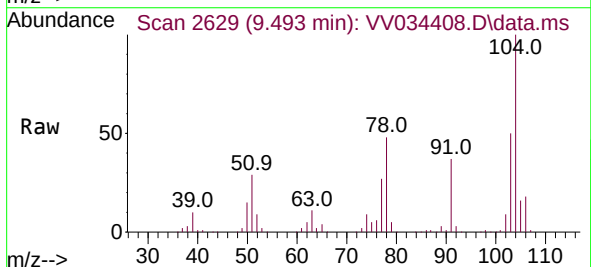
Instrument :
MSVOA_V
ClientSampleId :

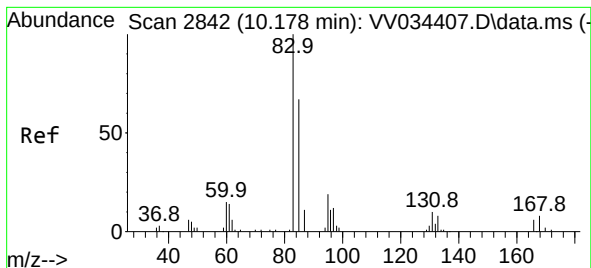
Tgt Ion:106 Resp: 178815
Ion Ratio Lower Upper
106 100
91 226.3 155.8 289.3



#55
Styrene
Concen: 10.191 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion:104 Resp: 304405
Ion Ratio Lower Upper
104 100
78 47.7 32.9 61.1

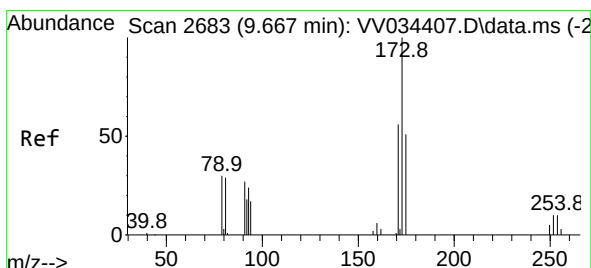
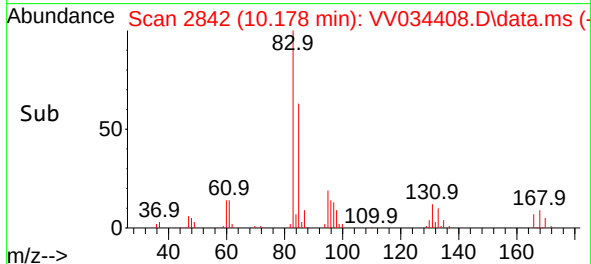
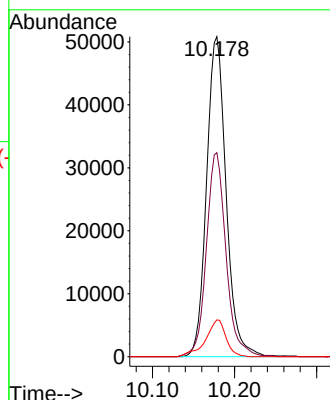
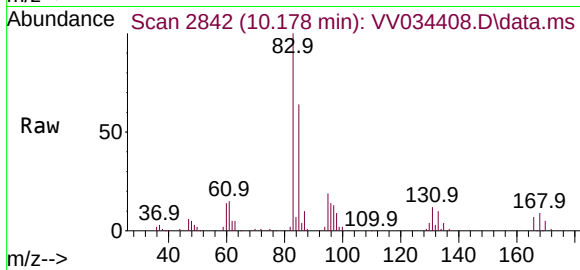




#57
1,1,2,2-Tetrachloroethane
Concen: 12.231 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

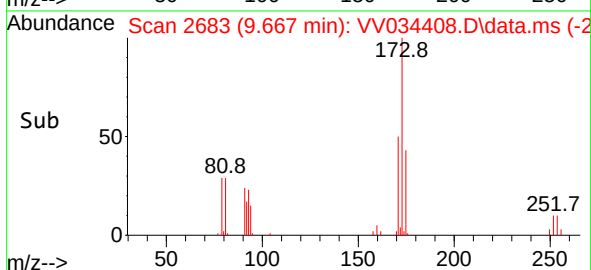
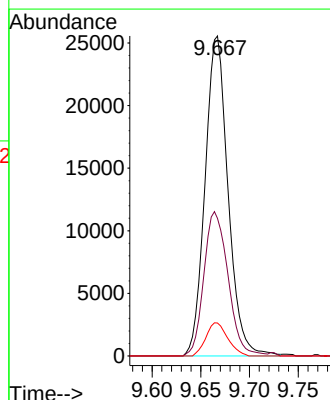
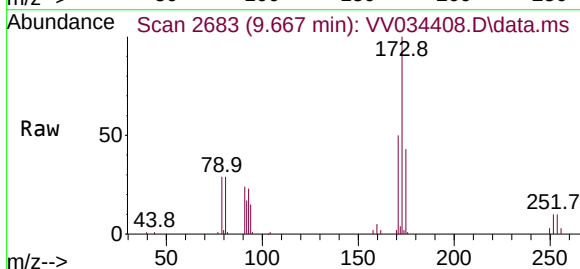
Instrument :
MSVOA_V
ClientSampleId :

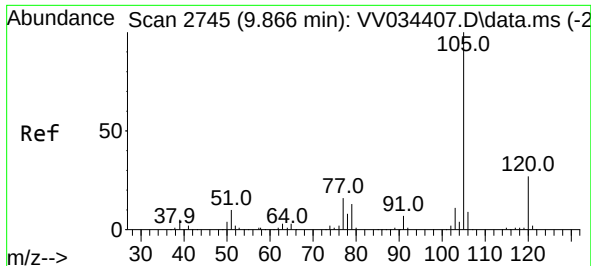
Tgt Ion: 83 Resp: 84191
Ion Ratio Lower Upper
83 100
85 63.7 46.7 86.7
131 11.5 8.6 12.8



#59
Bromoform
Concen: 10.627 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

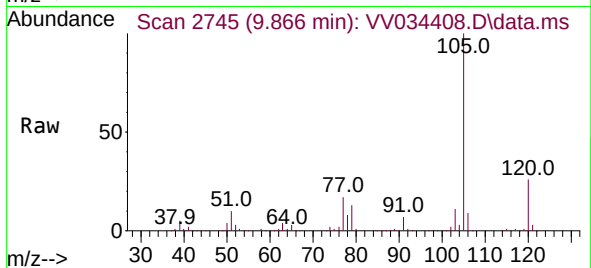
Tgt Ion: 173 Resp: 41990
Ion Ratio Lower Upper
173 100
175 47.4 38.9 58.3
254 9.8 7.8 11.6



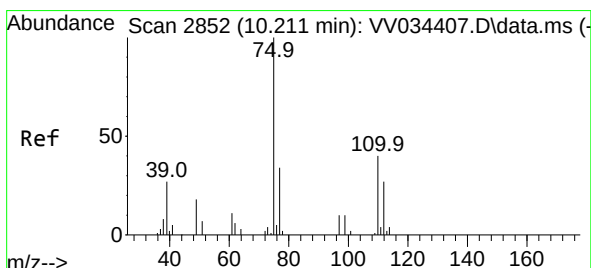
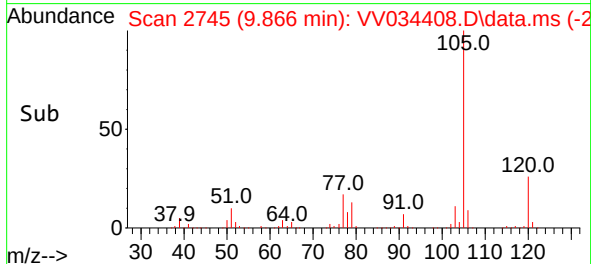
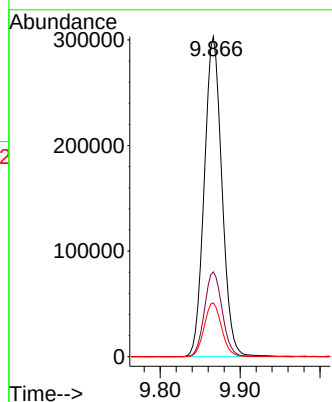


#60
Isopropylbenzene
Concen: 8.988 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Instrument :
MSVOA_V
ClientSampleId :

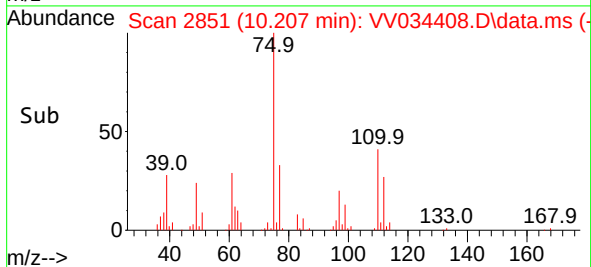
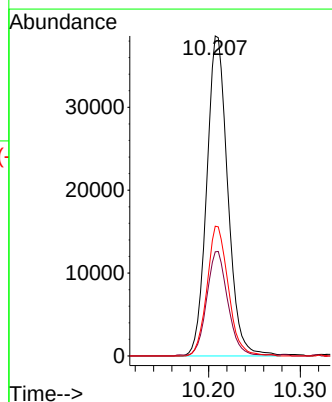
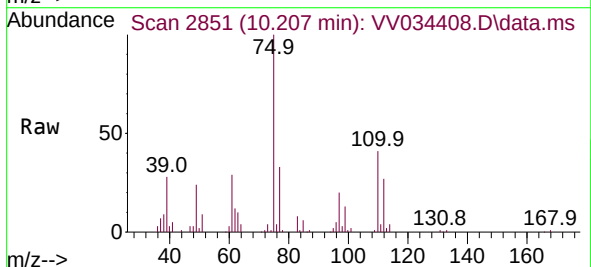


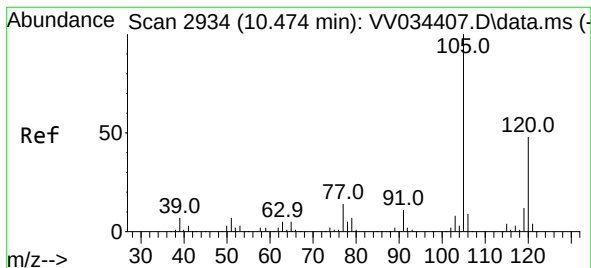
Tgt Ion:105 Resp: 465869
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 16.7 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 11.923 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion: 75 Resp: 61551
Ion Ratio Lower Upper
75 100
77 31.9 27.7 41.5
110 41.1 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 9.212 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034408.D

Acq: 26 Feb 2024 13:39

Instrument :

MSVOA_V

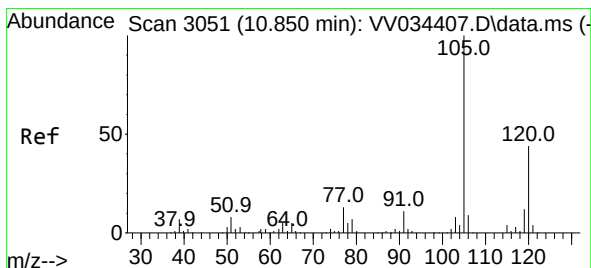
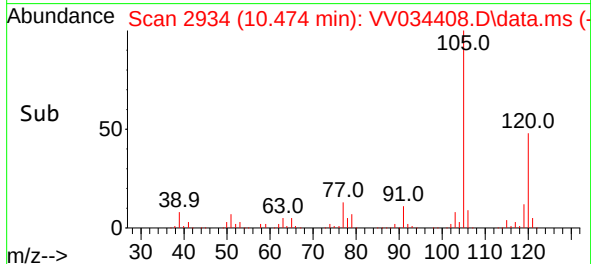
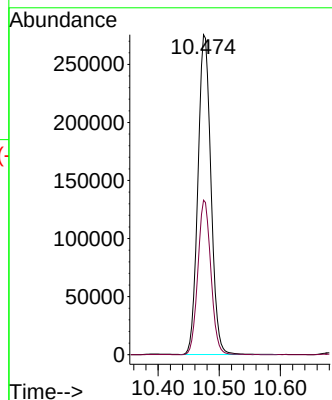
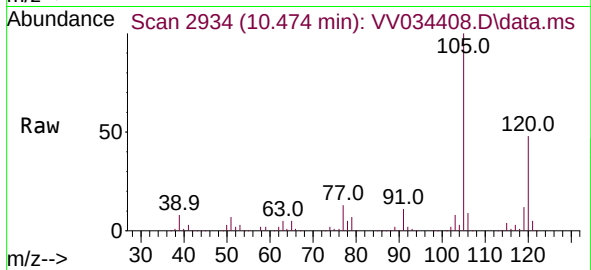
ClientSampleId :

Tgt Ion:105 Resp: 406406

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 9.380 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034408.D

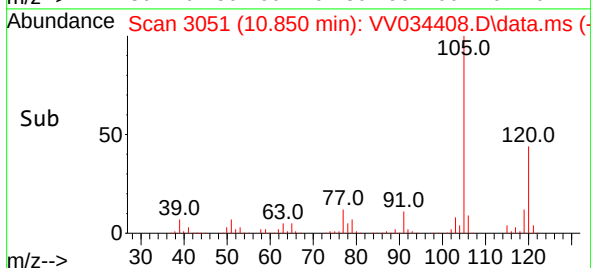
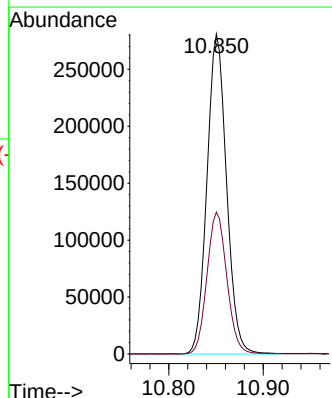
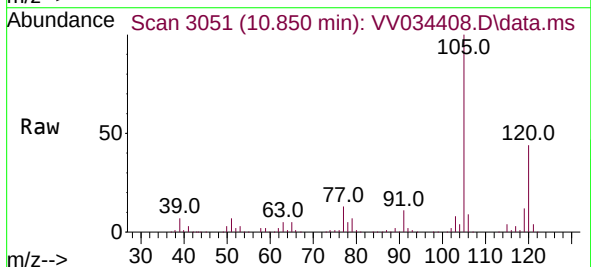
Acq: 26 Feb 2024 13:39

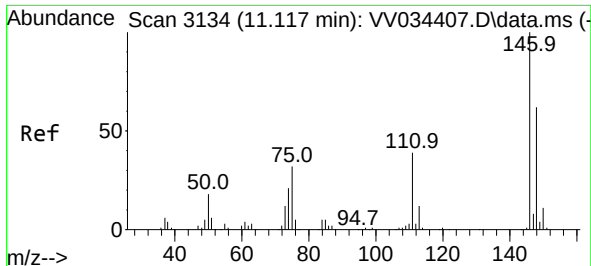
Tgt Ion:105 Resp: 404086

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.2

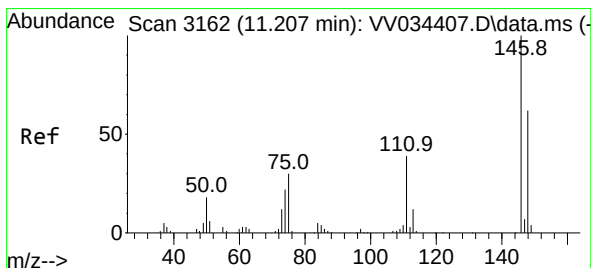
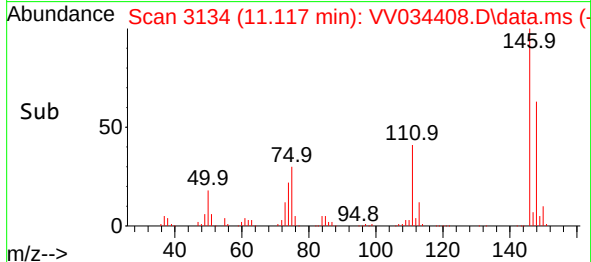
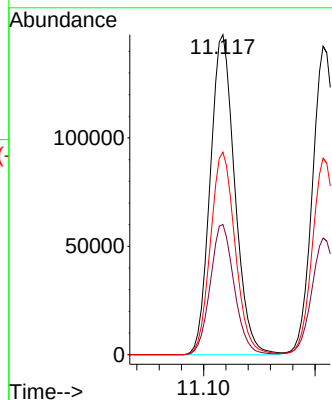
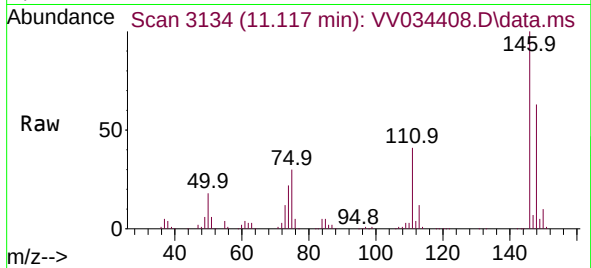




#64
 1,3-Dichlorobenzene
 Concen: 9.794 ug/L
 RT: 11.117 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

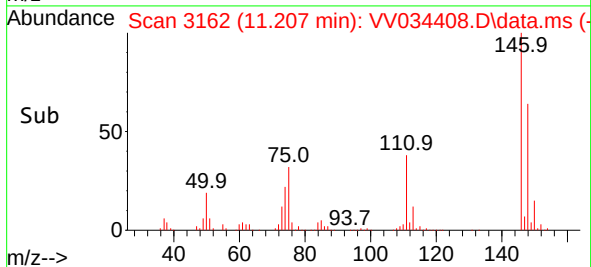
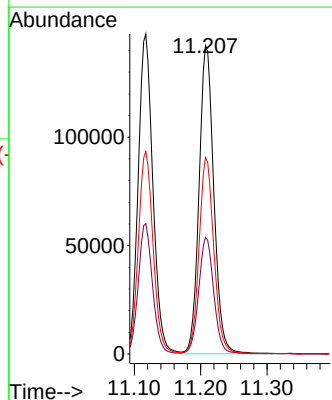
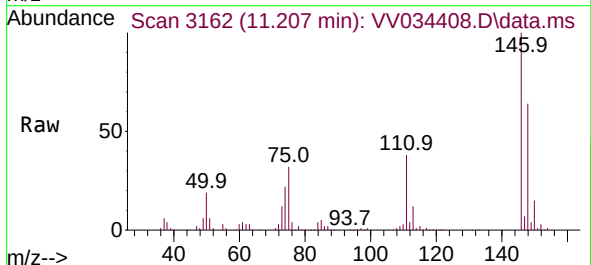
Instrument :
 MSVOA_V
 ClientSampleId :

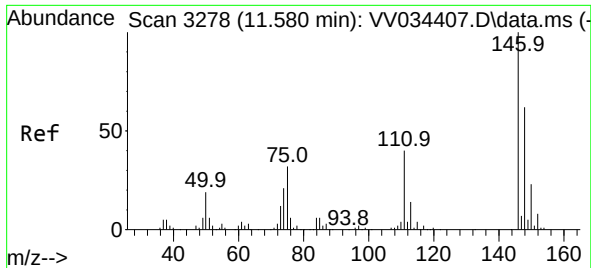
Tgt Ion:146 Resp: 226050
 Ion Ratio Lower Upper
 146 100
 111 40.7 27.0 50.2
 148 63.3 43.1 80.1



#65
 1,4-Dichlorobenzene
 Concen: 9.635 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

Tgt Ion:146 Resp: 220525
 Ion Ratio Lower Upper
 146 100
 111 37.8 27.2 50.6
 148 63.7 43.5 80.9

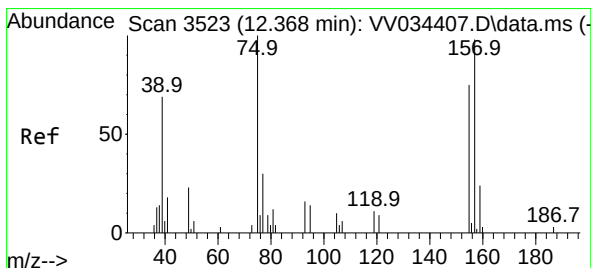
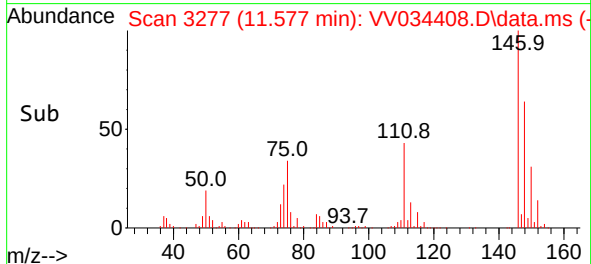
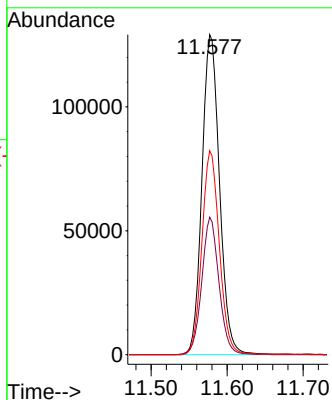
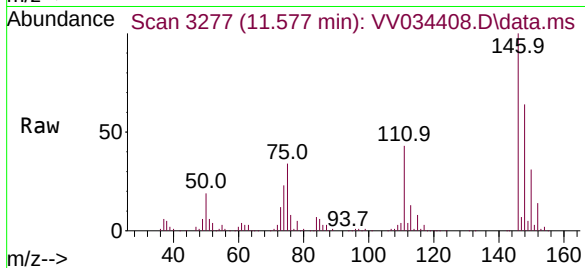




#67
1,2-Dichlorobenzene
Concen: 10.331 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

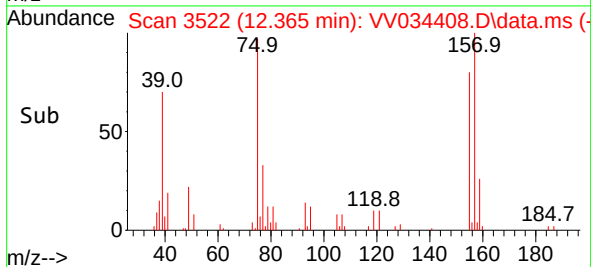
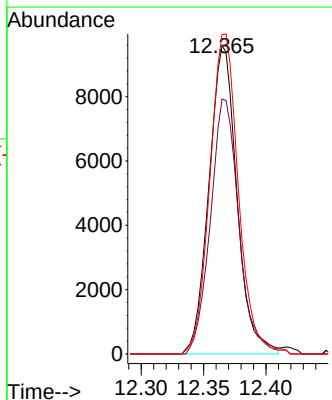
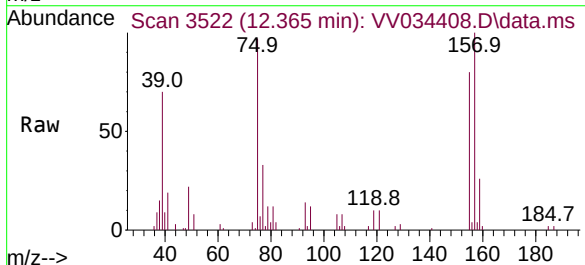
Instrument :
MSVOA_V
ClientSampleId :

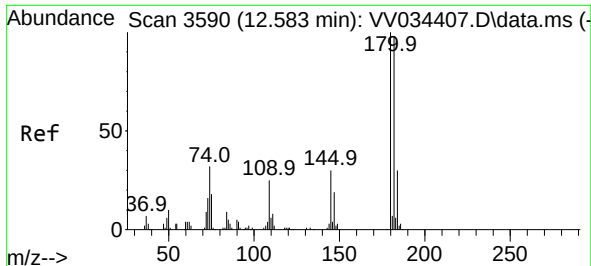
Tgt Ion:146 Resp: 207258
Ion Ratio Lower Upper
146 100
111 43.0 32.2 48.4
148 63.7 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 13.401 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

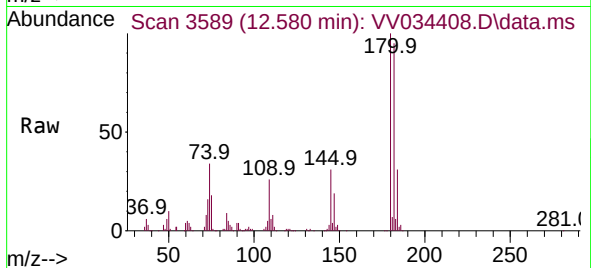
Tgt Ion: 75 Resp: 14991
Ion Ratio Lower Upper
75 100
155 82.6 60.0 90.0
157 103.5 78.6 117.8



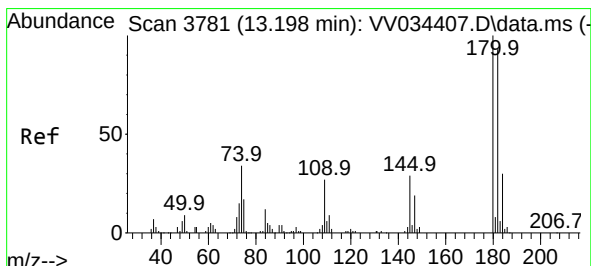
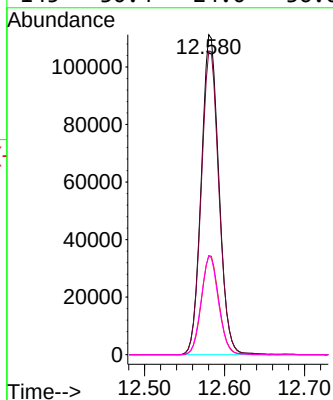
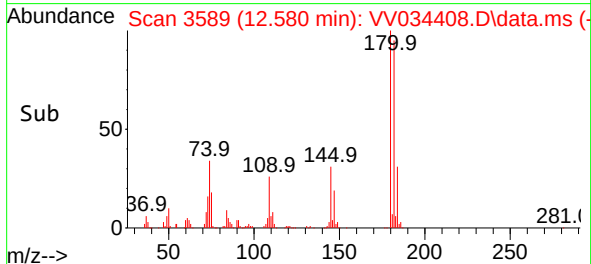


#69
 1,3,5-Trichlorobenzene
 Concen: 9.626 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.003 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39

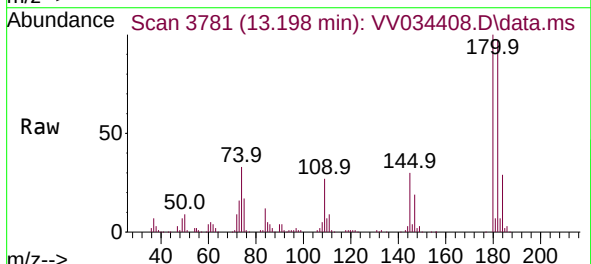
Instrument :
 MSVOA_V
 ClientSampleId :



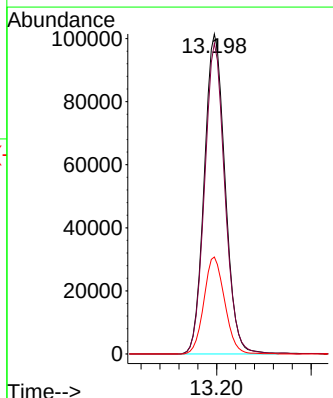
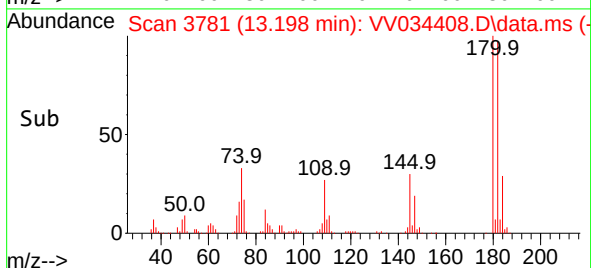
Tgt Ion:180 Resp: 170536
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.8 116.6
 184 30.8 23.8 35.8
 145 30.4 24.0 36.0

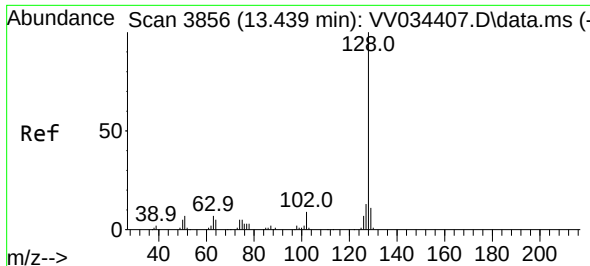


#70
 1,2,4-trichlorobenzene
 Concen: 10.850 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV034408.D
 Acq: 26 Feb 2024 13:39



Tgt Ion:180 Resp: 154753
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.3 112.9
 145 30.3 23.6 35.4

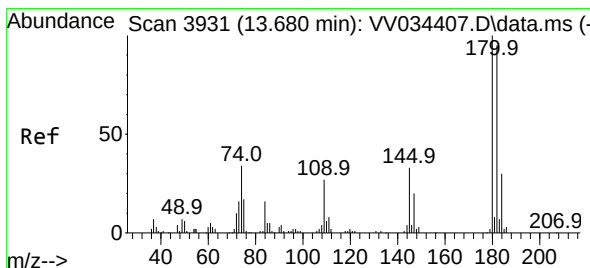
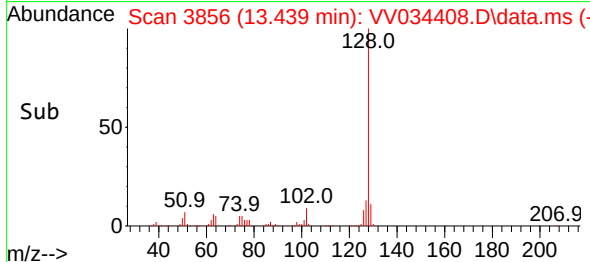
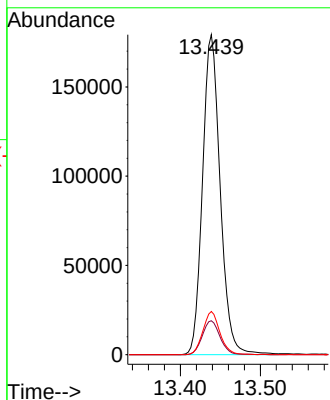
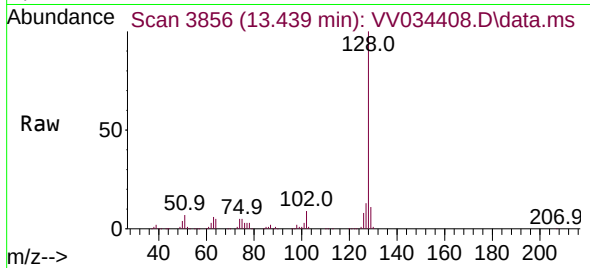




#71
Naphthalene
Concen: 13.798 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 275695
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 11.800 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034408.D
Acq: 26 Feb 2024 13:39

Tgt Ion:180 Resp: 136526
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 32.9 25.8 38.6

