

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034407.D
 Acq On : 26 Feb 2024 13:15
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 04:32:46 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	161851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	149350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46696	3.981	ug/L	0.00
7) Chloroethane-d5	1.536	69	41799	4.071	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	22118	3.903	ug/L	0.00
20) 2-Butanone-d5	3.822	46	130618	60.757	ug/L	0.00
24) Chloroform-d	4.253	84	95546	4.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	50071	4.874	ug/L	0.00
32) Benzene-d6	4.963	84	171989	4.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	50962	4.298	ug/L	0.00
41) Toluene-d8	7.243	98	152804	3.985	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	19586	4.375	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	116609	66.011	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	41078	5.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	58887	4.351	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	50452	3.642	ug/L	100
3) Chloromethane	1.217	50	59038	3.836	ug/L	100
5) Vinyl chloride	1.285	62	59761	4.065	ug/L	100
6) Bromomethane	1.491	94	34248	4.300	ug/L	100
8) Chloroethane	1.552	64	39693	3.900	ug/L	100
9) Trichlorofluoromethane	1.716	101	96316	4.460	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	51318	4.524	ug/L	100
12) 1,1-Dichloroethene	2.069	96	50040	4.545	ug/L	100
13) Acetone	2.156	43	108226	62.868	ug/L	100
14) Carbon disulfide	2.243	76	133882	3.885	ug/L	100
15) Methyl Acetate	2.391	43	21947	5.572	ug/L	100
16) Methylene chloride	2.449	84	55361	5.099	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	136468	5.740	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	51968	4.622	ug/L	100
19) 1,1-Dichloroethane	3.114	63	100542	4.852	ug/L	100
21) 2-Butanone	3.902	43	140309	62.277	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	56471	4.432	ug/L	100
23) Bromochloromethane	4.153	128	25312	5.514	ug/L	100
25) Chloroform	4.278	83	102909	4.878	ug/L	100
27) 1,2-Dichloroethane	5.047	62	65093	5.304	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	92998	4.722	ug/L	100
30) Cyclohexane	4.584	56	80506	4.304	ug/L	100
31) Carbon tetrachloride	4.738	117	80833	4.710	ug/L	100
33) Benzene	5.011	78	208992	4.757	ug/L	100
34) Trichloroethene	5.834	95	55533	4.385	ug/L	100
35) Methylcyclohexane	6.050	83	83960	4.281	ug/L	100
37) 1,2-Dichloropropane	6.095	63	52784	4.969	ug/L	100
38) Bromodichloromethane	6.436	83	69349	4.919	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	74392	4.631	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	344167	63.002	ug/L	100
42) Toluene	7.317	91	223927	4.763	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	59057	4.773	ug/L	100

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

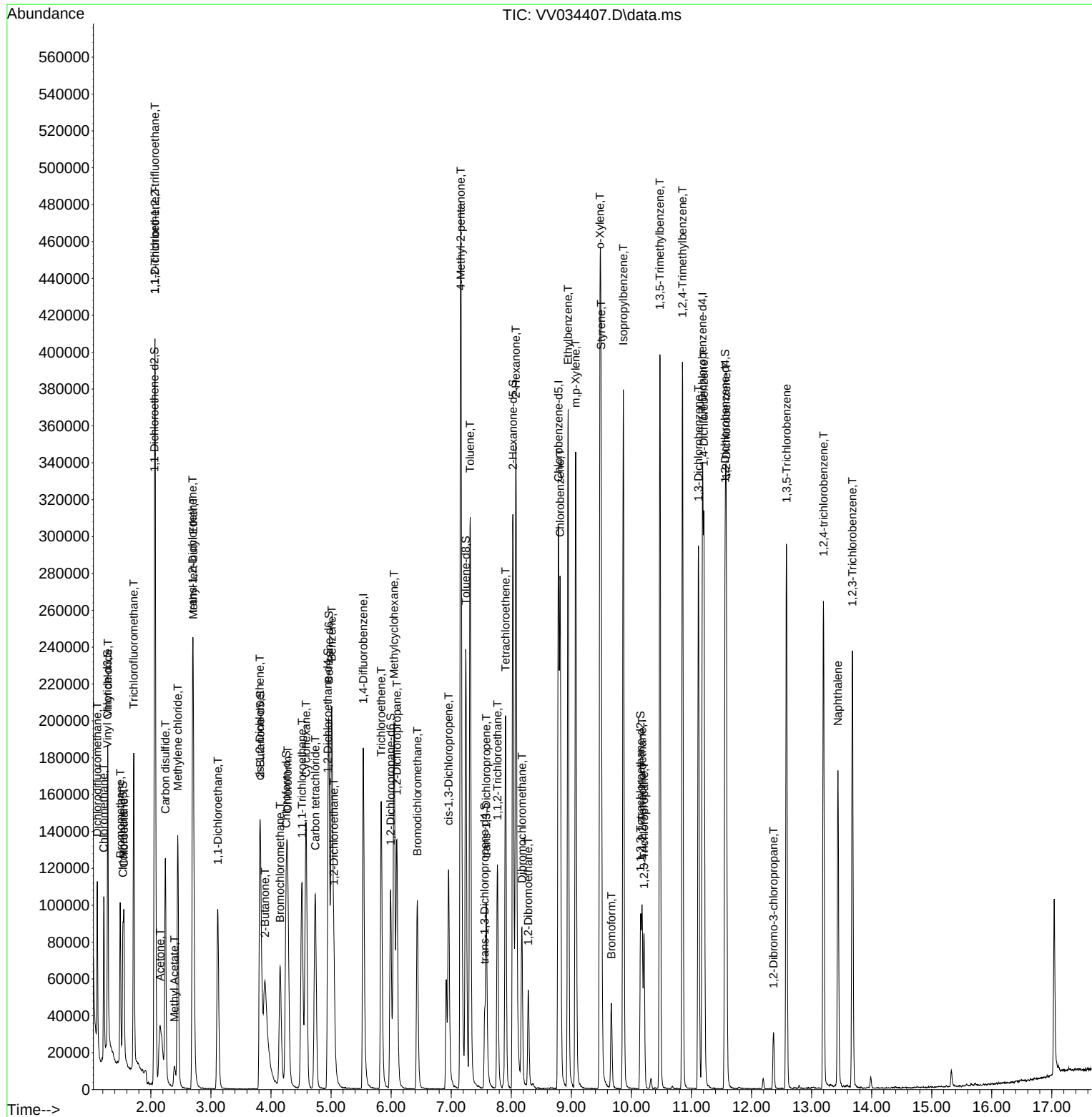
45) 1,1,2-Trichloroethane	7.770	97	37309	5.463	ug/L	100
47) Tetrachloroethene	7.905	164	43689	4.258	ug/L	100
48) 2-Hexanone	8.076	43	239888	62.253	ug/L	100
49) Dibromochloromethane	8.178	129	41512	5.217	ug/L	100
50) 1,2-Dibromoethane	8.285	107	34320	5.612	ug/L	100
51) Chlorobenzene	8.815	112	144243	4.830	ug/L	100
52) Ethylbenzene	8.947	91	251614	4.679	ug/L	100
53) m,p-Xylene	9.072	106	93376	4.603	ug/L	100
54) o-Xylene	9.477	106	93437	4.742	ug/L	100
55) Styrene	9.497	104	154265	4.890	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	42558	5.855	ug/L	100
59) Bromoform	9.667	173	20348	4.841	ug/L	100
60) Isopropylbenzene	9.866	105	237063	4.299	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	31474	5.731	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	205948	4.388	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	205784	4.490	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	113835	4.636	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	112161	4.606	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	105419	4.939	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	7865	6.609	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	84763	4.498	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	76174	5.020	ug/L	100
71) Naphthalene	13.439	128	134223	6.314	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	67438	5.479	ug/L	100

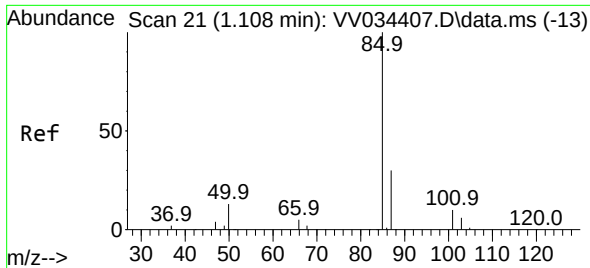
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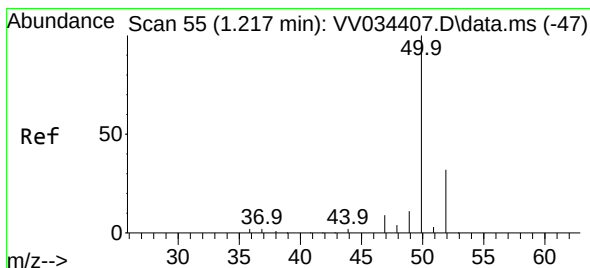
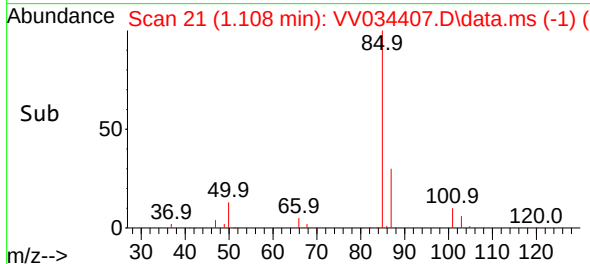
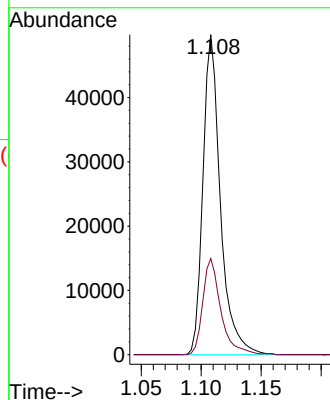
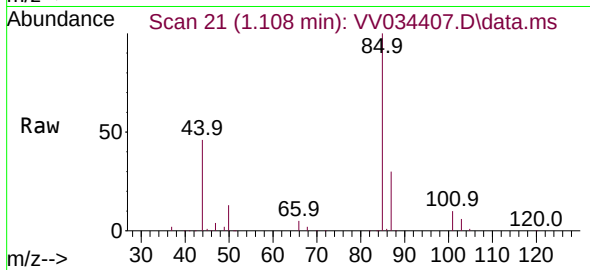




#2
 Dichlorodifluoromethane
 Concen: 3.642 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

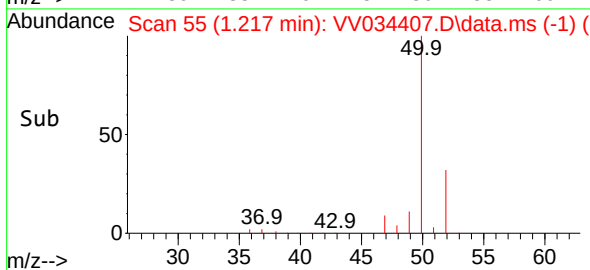
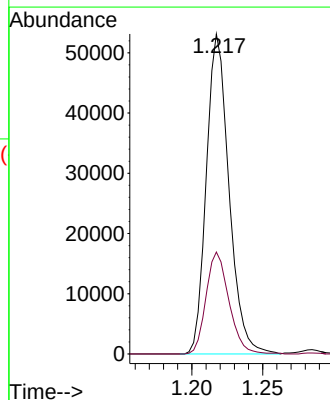
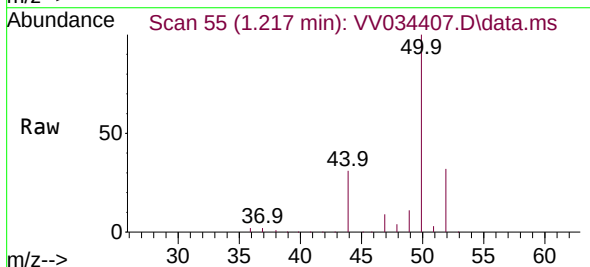
Instrument :
 MSVOA_V
 ClientSampleId :

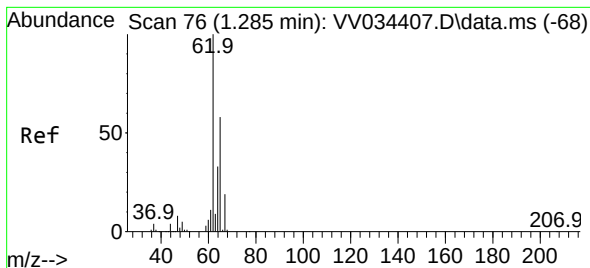
Tgt Ion: 85 Resp: 50452
 Ion Ratio Lower Upper
 85 100
 87 31.1 24.9 37.3



#3
 Chloromethane
 Concen: 3.836 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

Tgt Ion: 50 Resp: 59038
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.3 41.3





#5

Vinyl chloride

Concen: 4.065 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

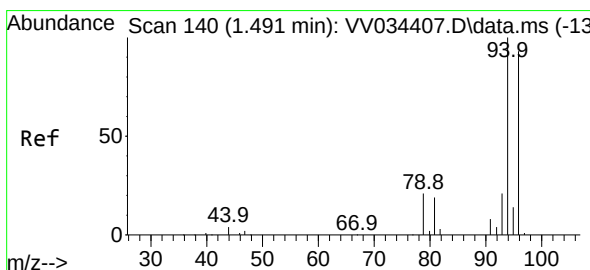
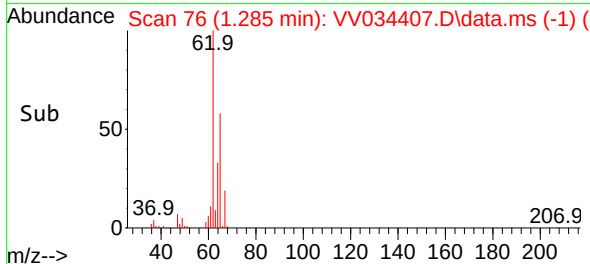
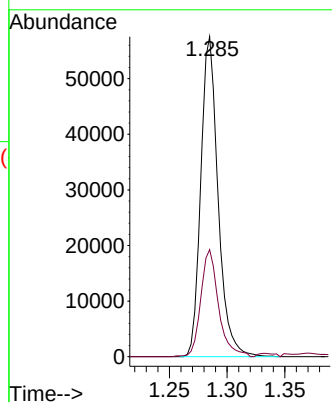
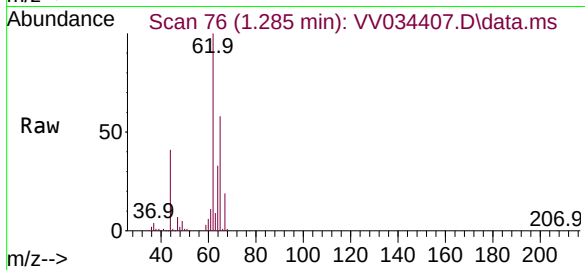
ClientSampleId :

Tgt Ion: 62 Resp: 59761

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 4.300 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034407.D

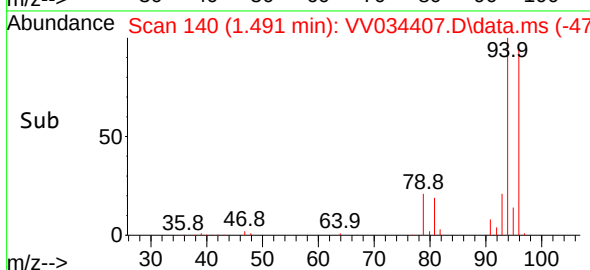
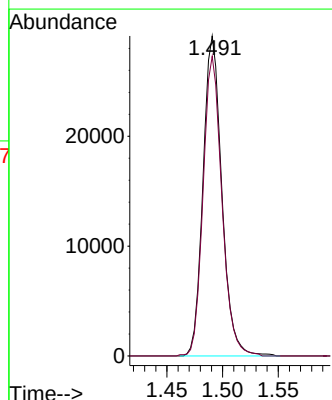
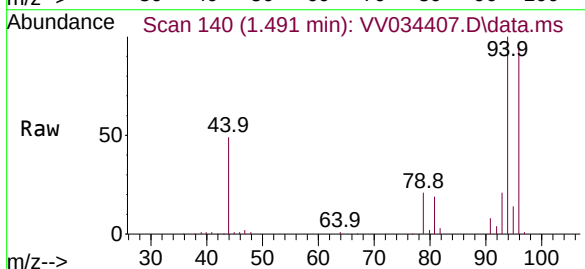
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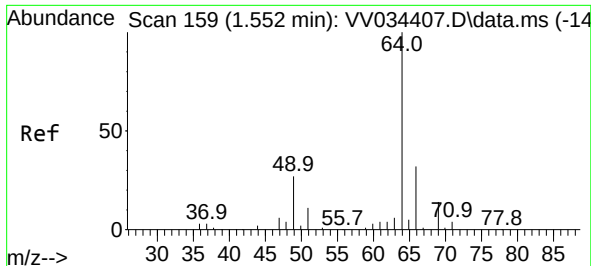
Tgt Ion: 94 Resp: 34248

Ion Ratio Lower Upper

94 100

96 93.6 65.5 121.7

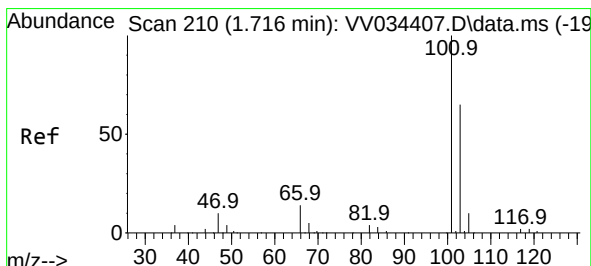
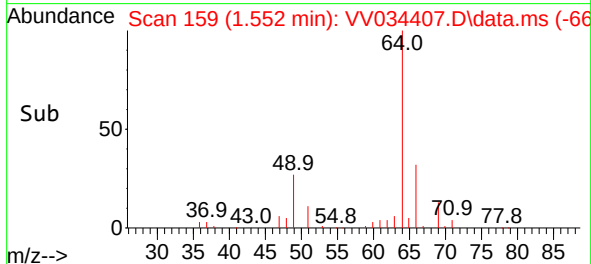
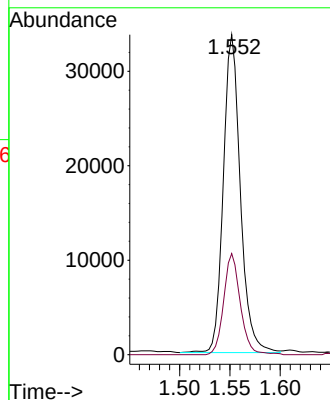
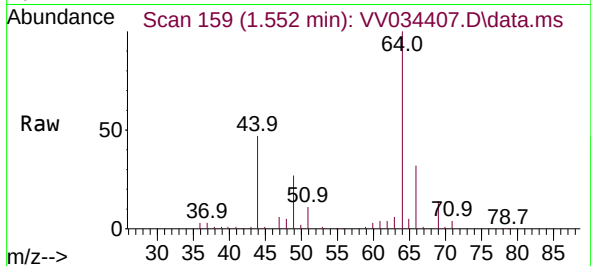




#8
Chloroethane
Concen: 3.900 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

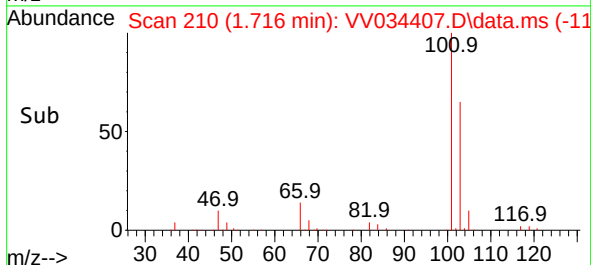
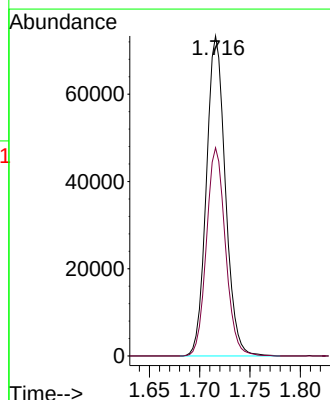
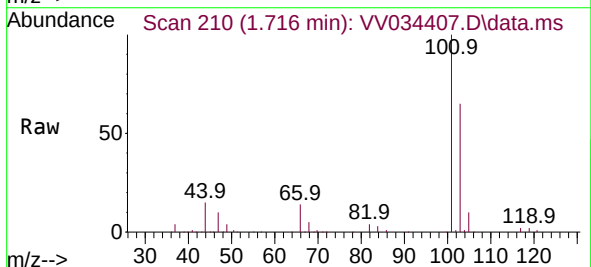
Instrument :
MSVOA_V
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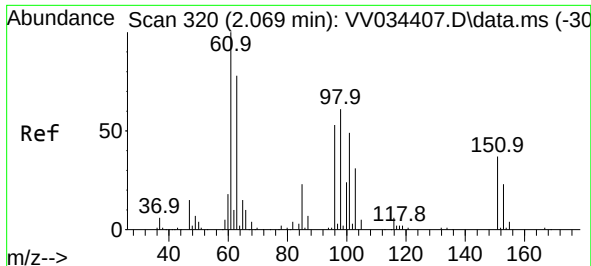
Tgt Ion: 64 Resp: 39693
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.460 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion:101 Resp: 96316
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

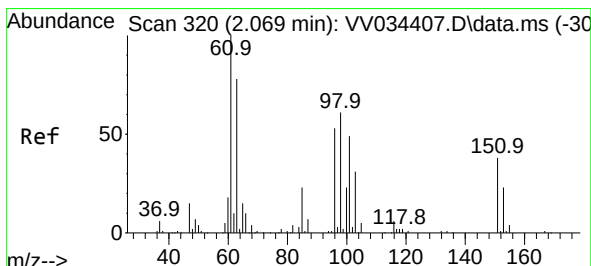
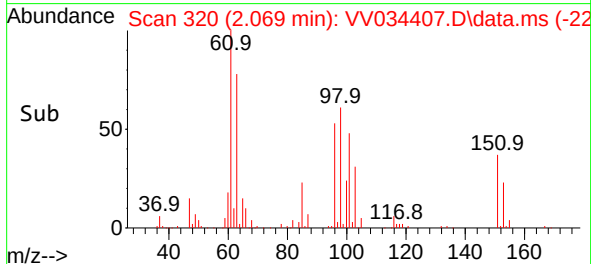
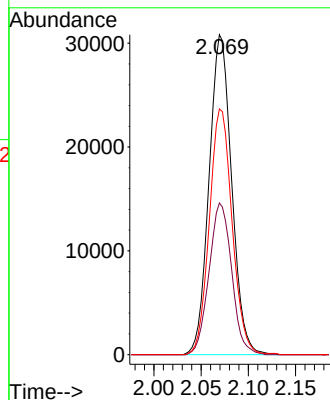
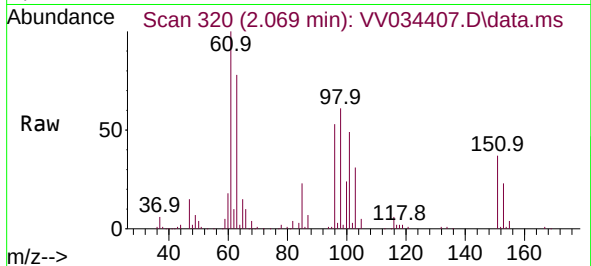




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.524 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

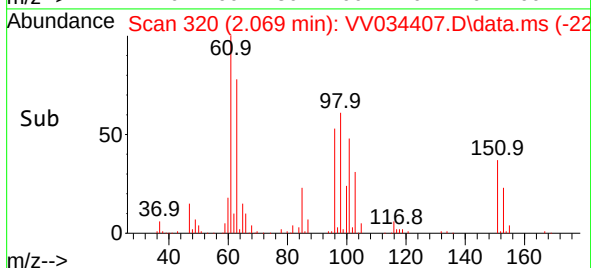
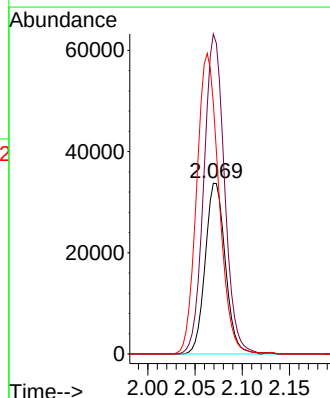
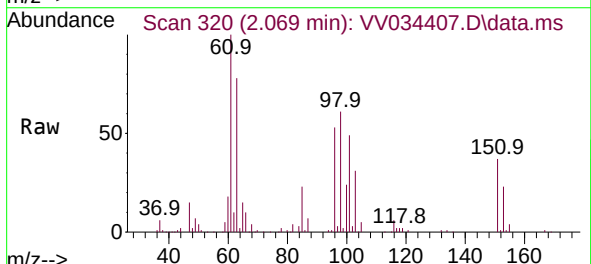
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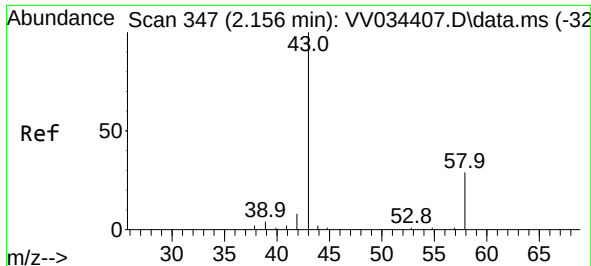
Tgt Ion:101 Resp: 51318
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.9 56.9
 151 77.2 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 4.545 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

Tgt Ion: 96 Resp: 50040
 Ion Ratio Lower Upper
 96 100
 61 187.5 131.3 243.8
 63 146.9 102.8 191.0





#13

Acetone

Concen: 62.868 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

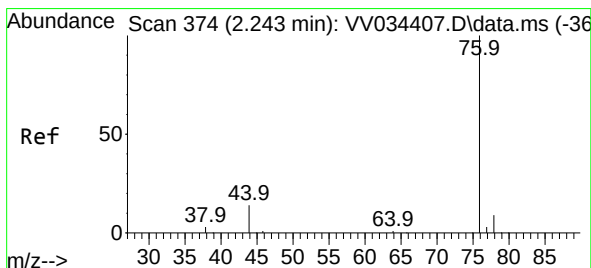
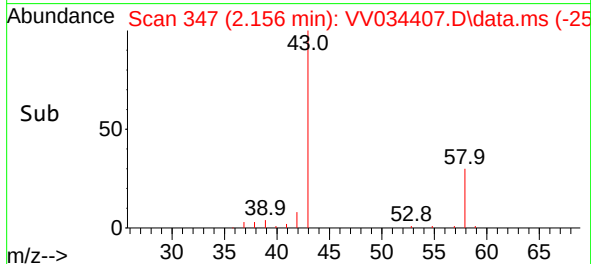
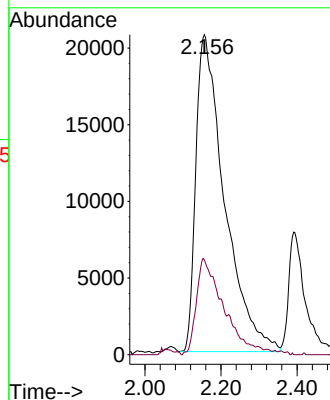
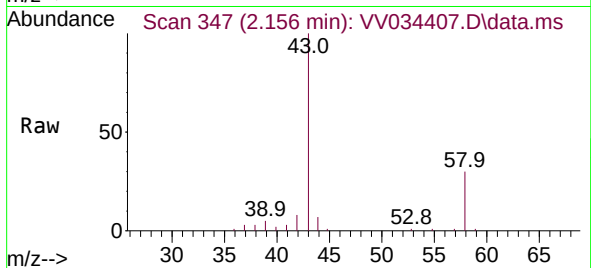
ClientSampleId :

Tgt Ion: 43 Resp: 108226

Ion Ratio Lower Upper

43 100

58 28.1 0.0 56.2



#14

Carbon disulfide

Concen: 3.885 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV034407.D

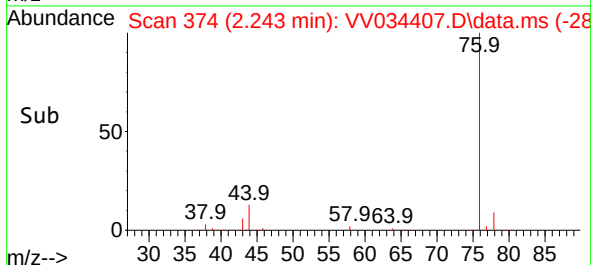
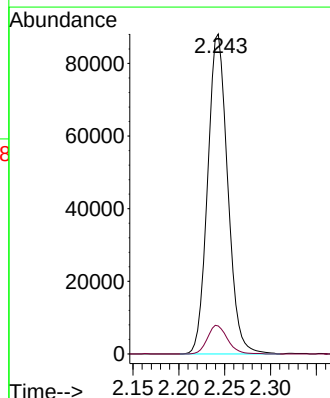
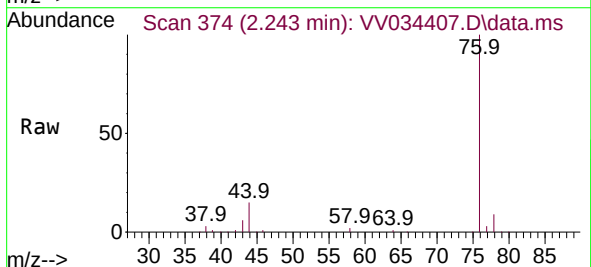
Acq: 26 Feb 2024 13:15

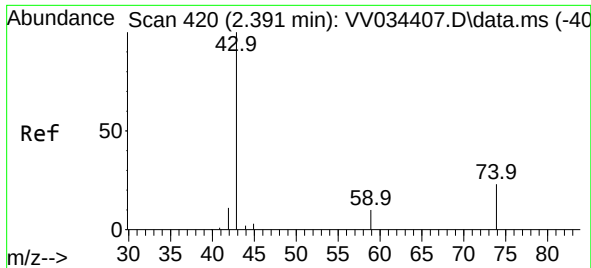
Tgt Ion: 76 Resp: 133882

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

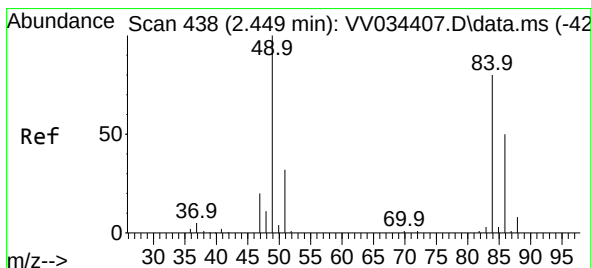
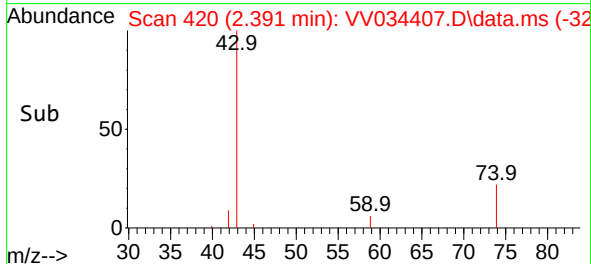
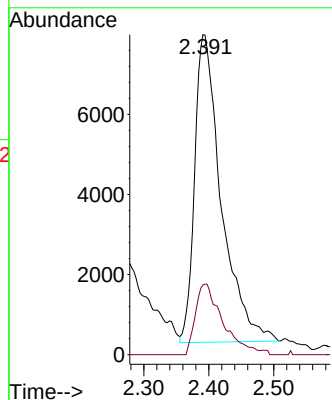
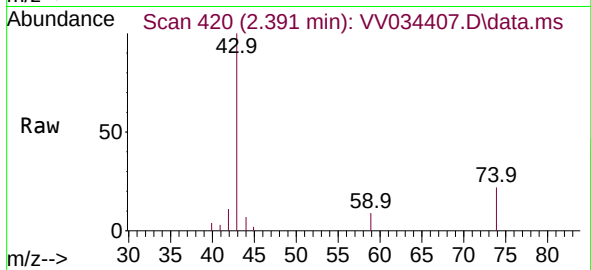




#15
Methyl Acetate
Concen: 5.572 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

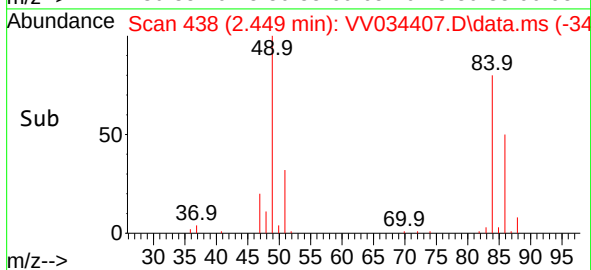
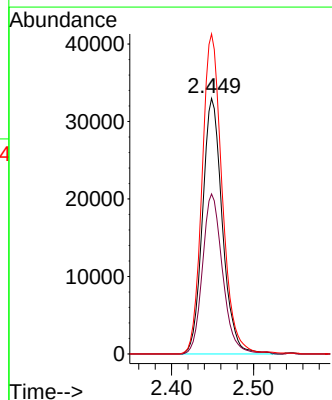
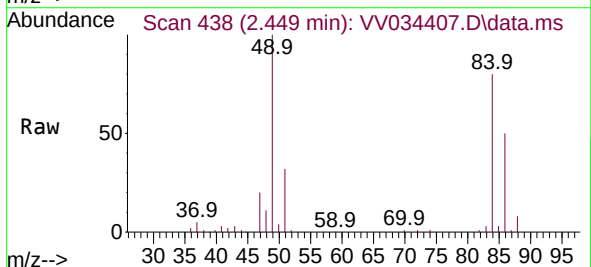
Instrument :
MSVOA_V
ClientSampleId :

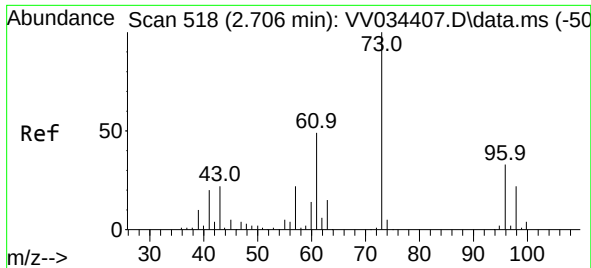
Tgt Ion: 43 Resp: 21947
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0



#16
Methylene chloride
Concen: 5.099 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion: 84 Resp: 55361
Ion Ratio Lower Upper
84 100
86 62.6 43.8 81.4
49 125.2 87.6 162.8

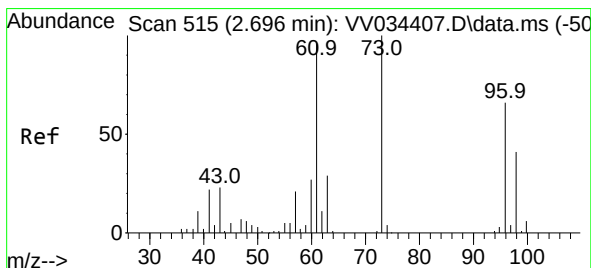
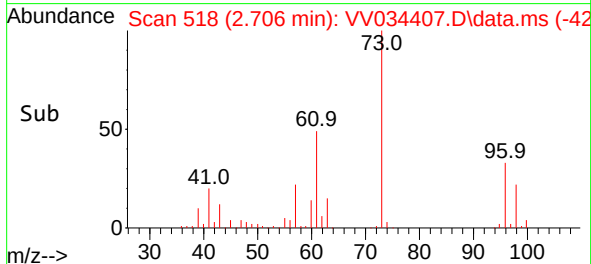
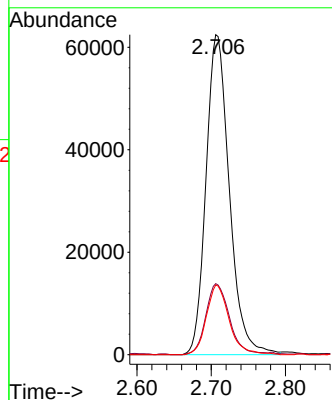
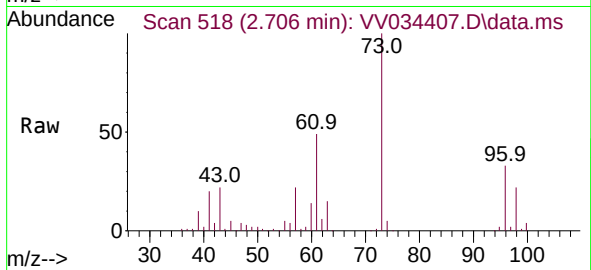




#17
Methyl tert-butyl Ether
Concen: 5.740 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

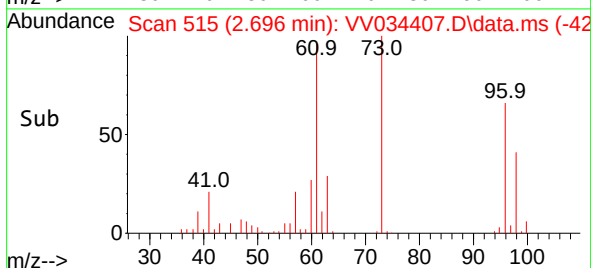
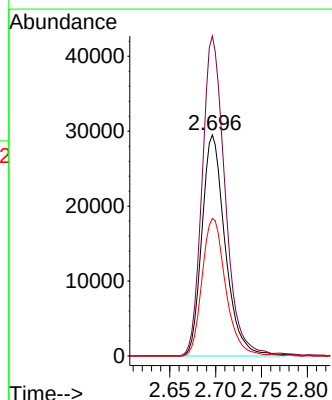
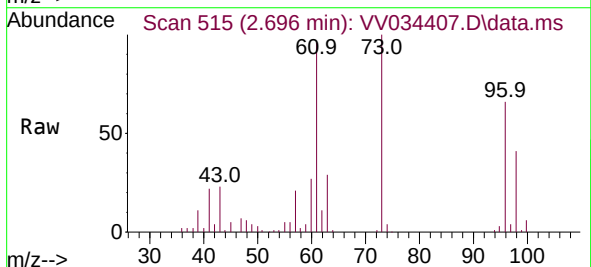
Instrument :
MSVOA_V
ClientSampleId :

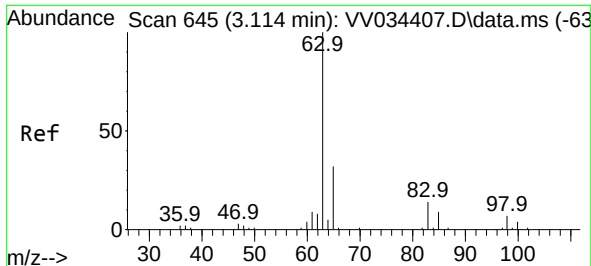
Tgt Ion: 73 Resp: 136468
Ion Ratio Lower Upper
73 100
43 22.5 18.0 27.0
57 21.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.622 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion: 96 Resp: 51968
Ion Ratio Lower Upper
96 100
61 144.7 101.3 188.1
98 62.1 43.5 80.7

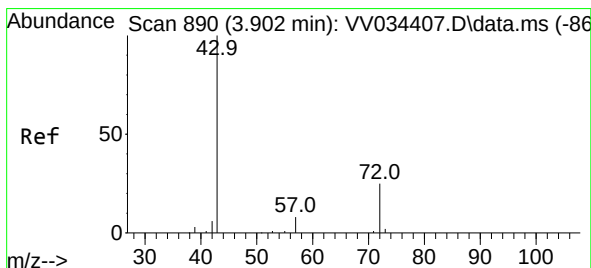
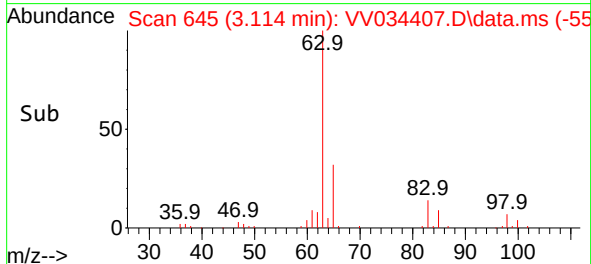
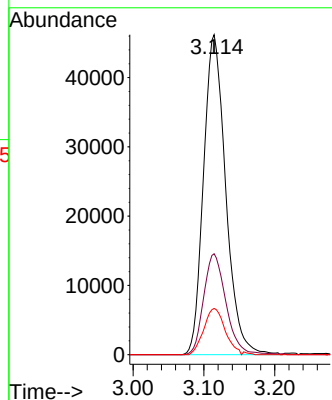
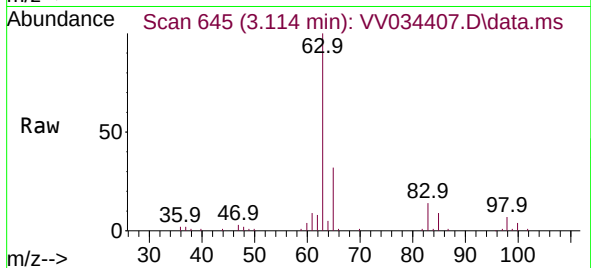




#19
1,1-Dichloroethane
Concen: 4.852 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

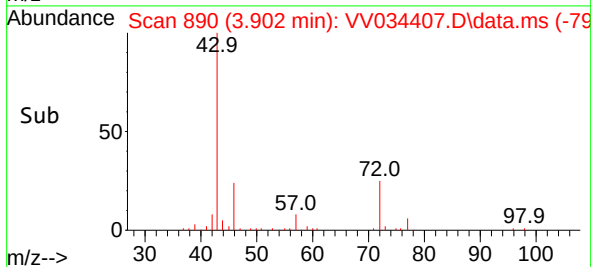
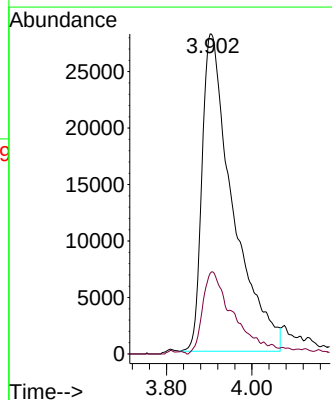
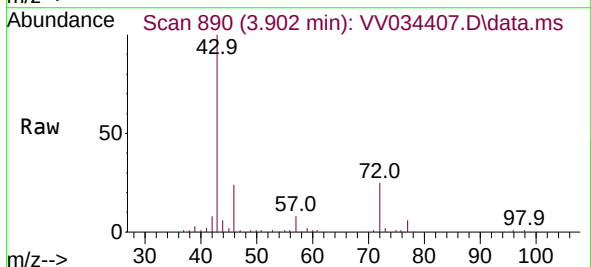
Instrument :
MSVOA_V
ClientSampleId :

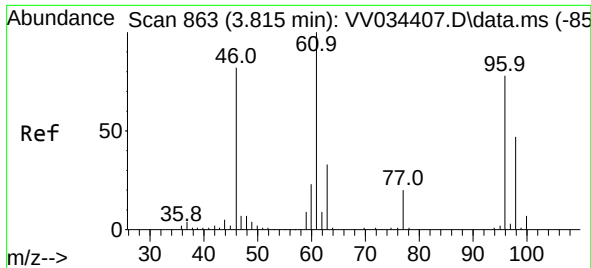
Tgt Ion: 63 Resp: 100542
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 14.5 10.1 18.9



#21
2-Butanone
Concen: 62.277 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

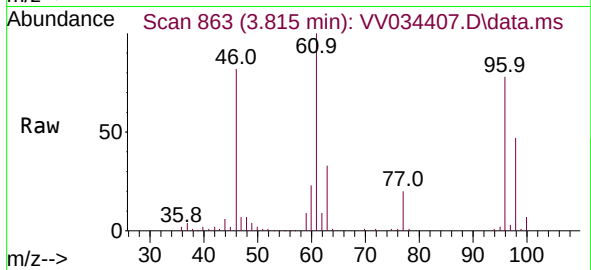
Tgt Ion: 43 Resp: 140309
Ion Ratio Lower Upper
43 100
72 24.7 12.4 37.0





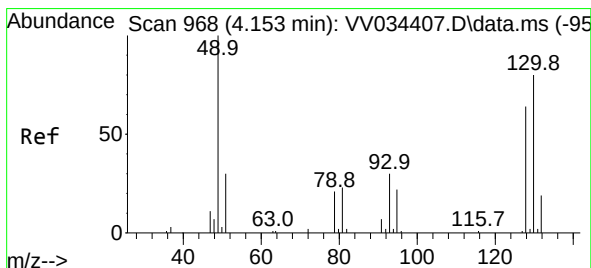
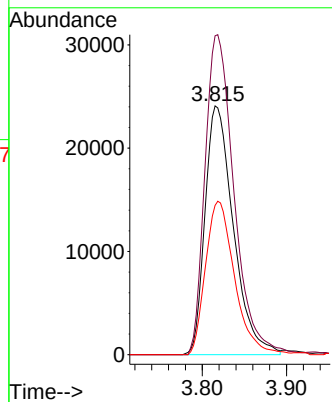
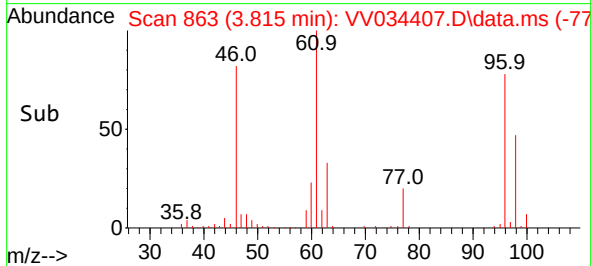
#22
 cis-1,2-Dichloroethene
 Concen: 4.432 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 56471

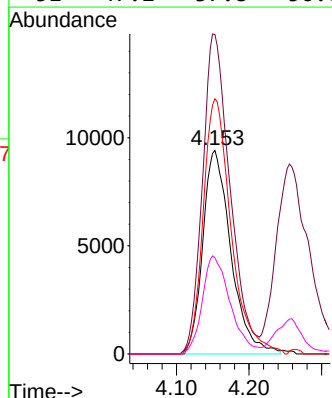
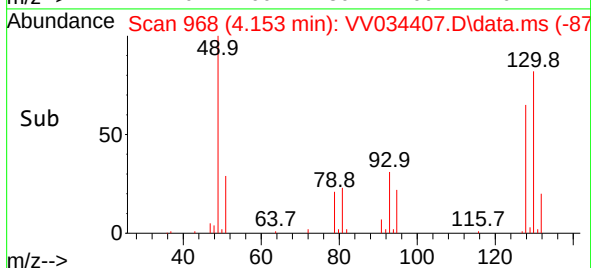
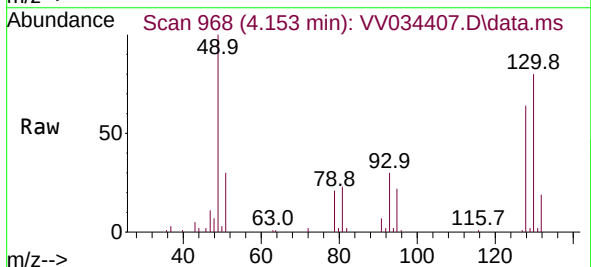
Ion	Ratio	Lower	Upper
96	100		
61	128.1	89.7	166.5
98	60.0	42.0	78.0

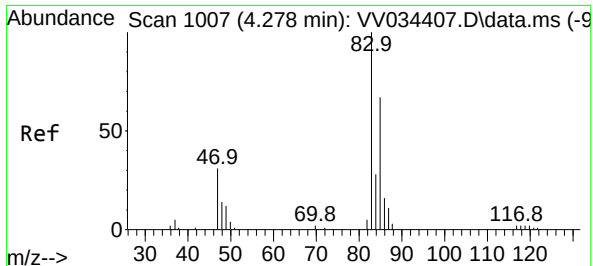


#23
 Bromochloromethane
 Concen: 5.514 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

Tgt Ion: 128 Resp: 25312

Ion	Ratio	Lower	Upper
128	100		
49	157.0	109.9	204.1
130	125.3	87.7	162.9
51	47.2	37.8	56.6





#25

Chloroform

Concen: 4.878 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

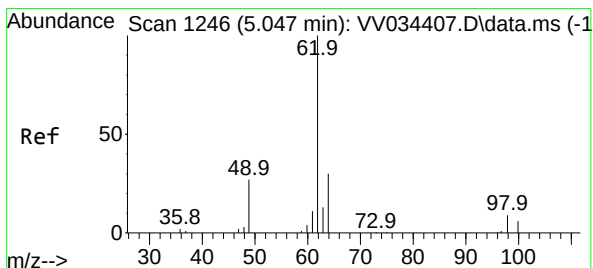
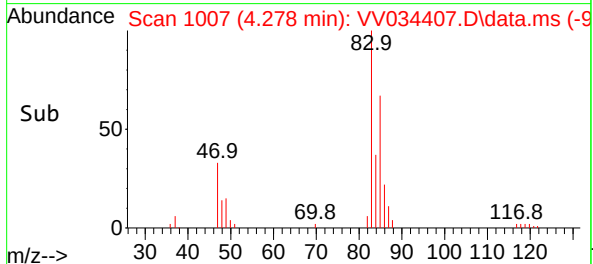
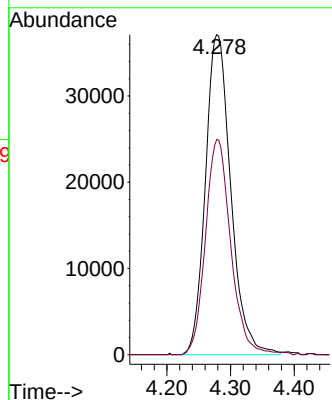
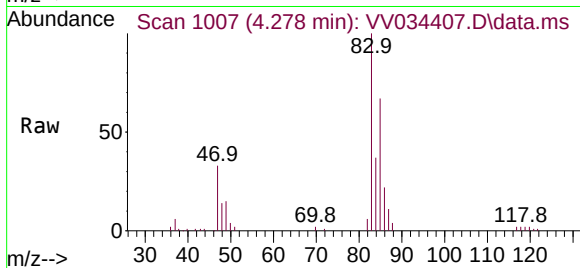
ClientSampleId :

Tgt Ion: 83 Resp: 102909

Ion Ratio Lower Upper

83 100

85 67.2 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.304 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV034407.D

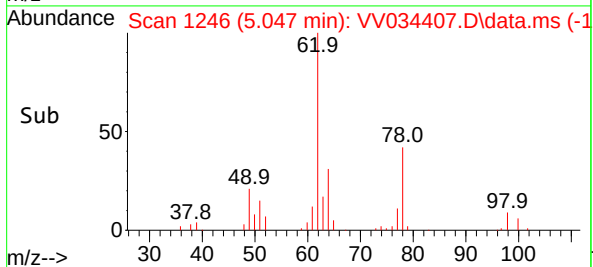
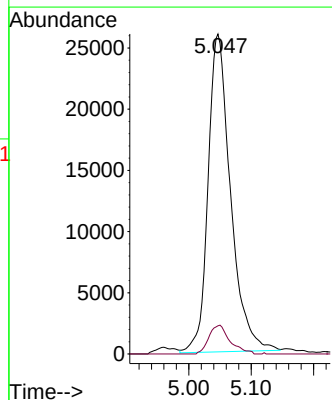
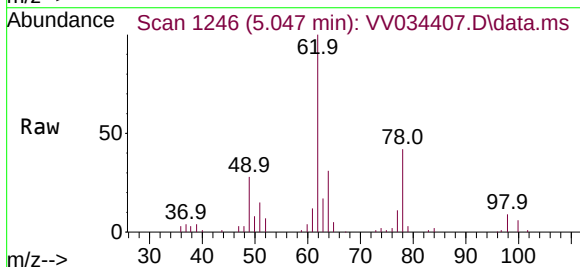
Acq: 26 Feb 2024 13:15

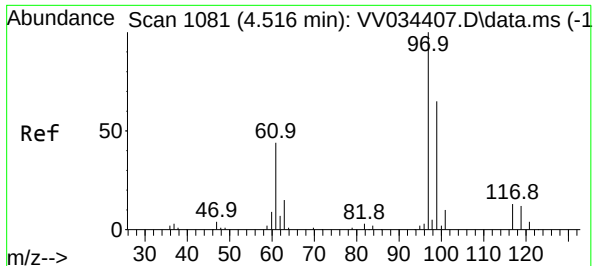
Tgt Ion: 62 Resp: 65093

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.722 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

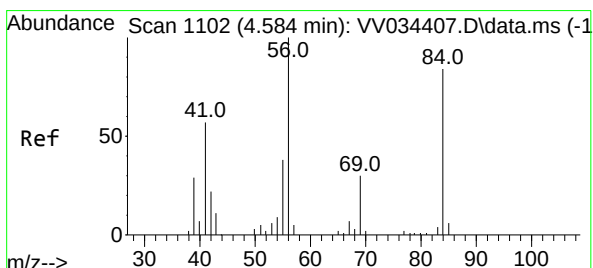
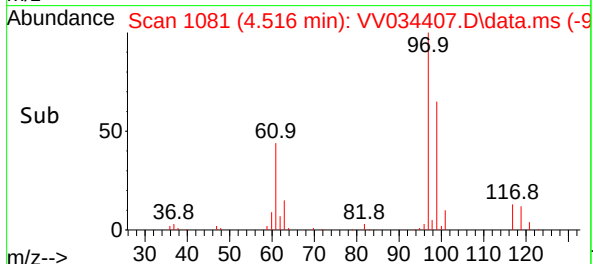
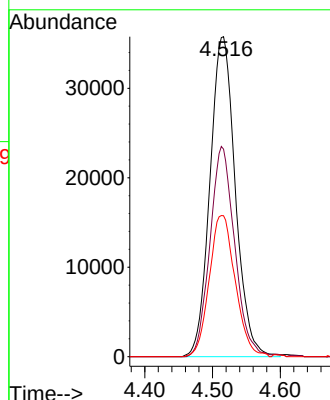
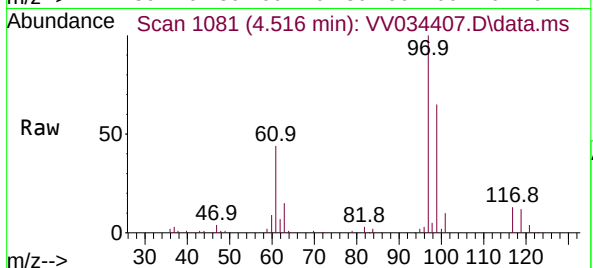
Tgt Ion: 97 Resp: 92998

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 45.1 36.1 54.1



#30

Cyclohexane

Concen: 4.304 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

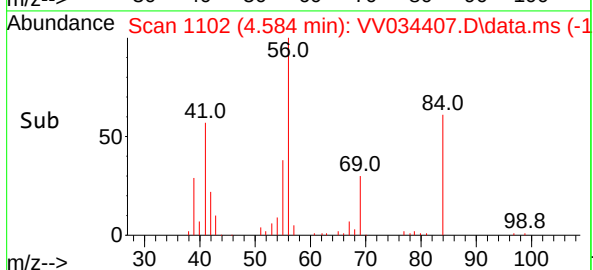
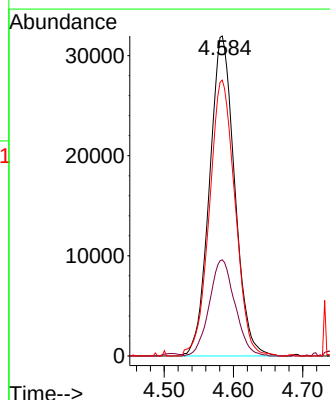
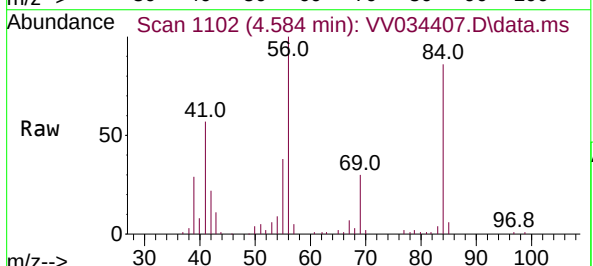
Tgt Ion: 56 Resp: 80506

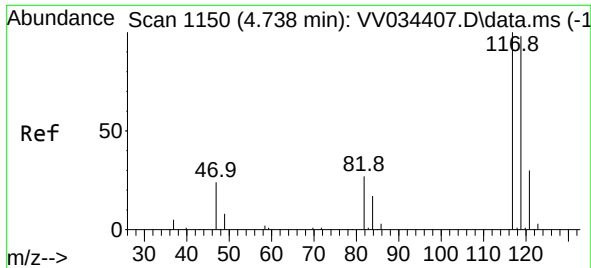
Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 87.9 70.3 105.5

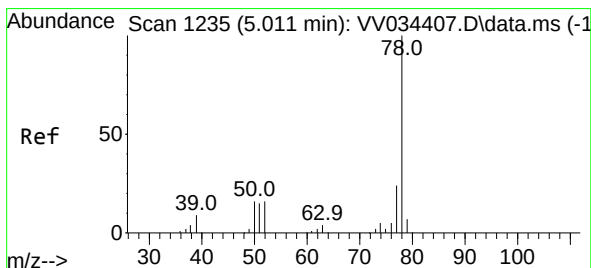
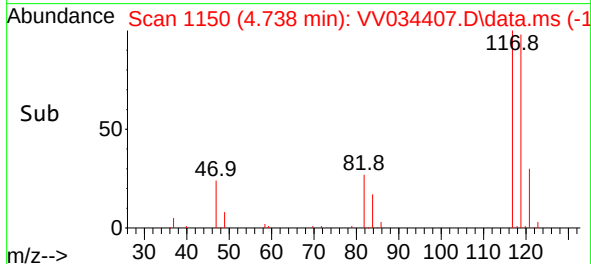
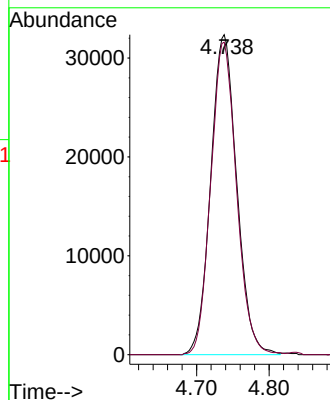
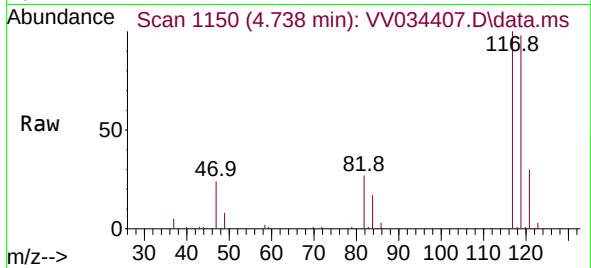




#31
Carbon tetrachloride
Concen: 4.710 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

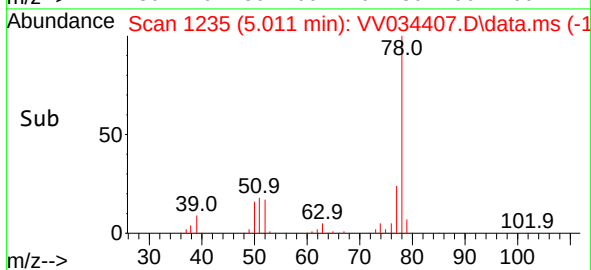
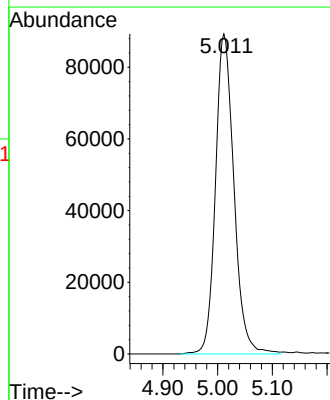
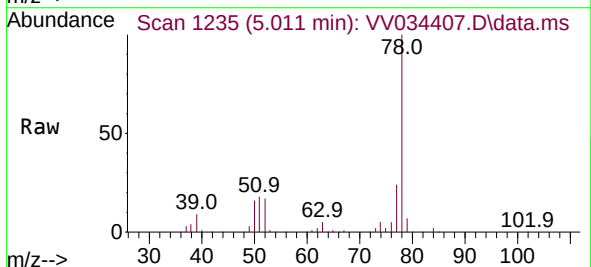
Instrument :
MSVOA_V
ClientSampleId :

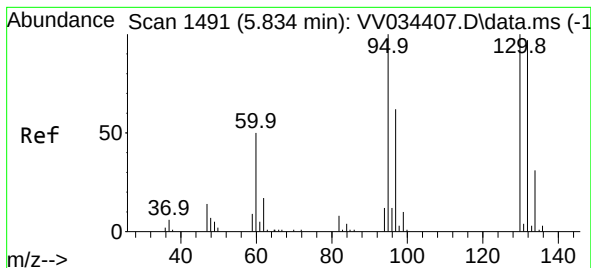
Tgt Ion:117 Resp: 80833
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 4.757 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion: 78 Resp: 208992





#34

Trichloroethene

Concen: 4.385 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 55533

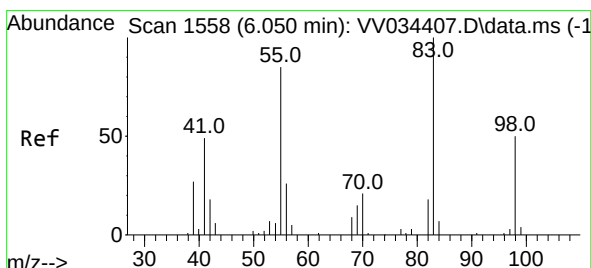
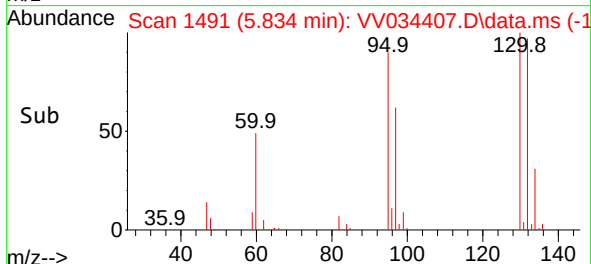
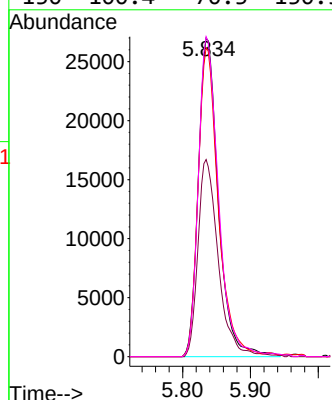
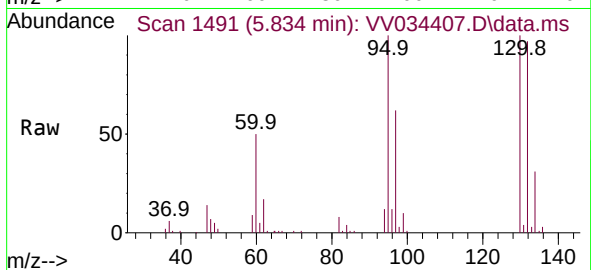
Ion Ratio Lower Upper

95 100

97 61.9 43.3 80.5

132 96.9 67.8 126.0

130 100.4 70.3 130.5



#35

Methylcyclohexane

Concen: 4.281 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

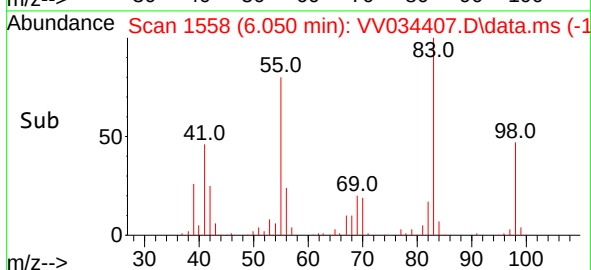
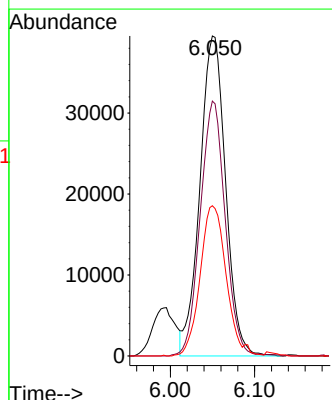
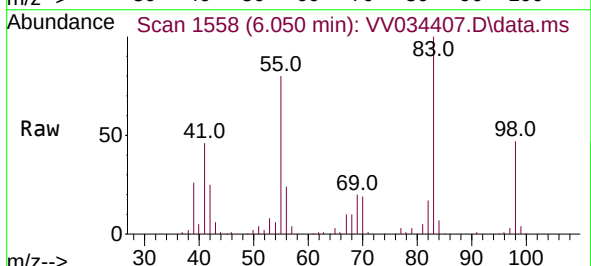
Tgt Ion: 83 Resp: 83960

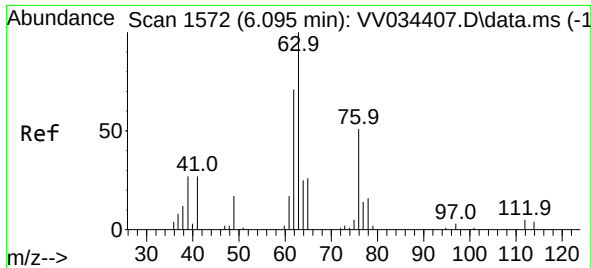
Ion Ratio Lower Upper

83 100

55 77.4 61.9 92.9

98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 4.969 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

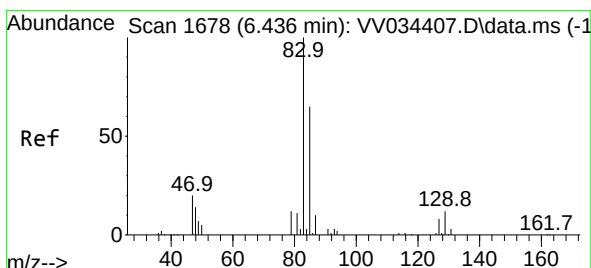
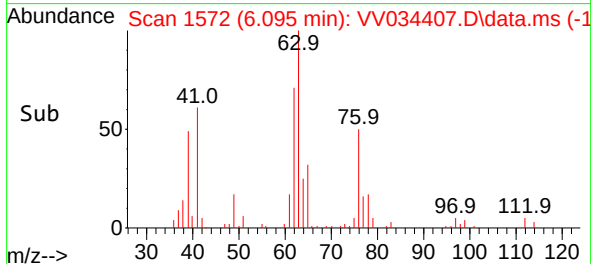
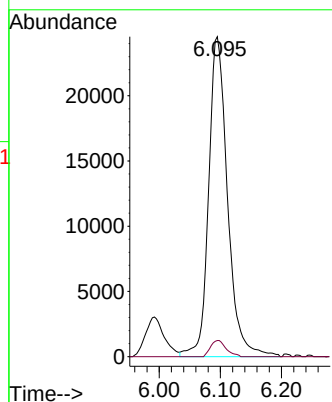
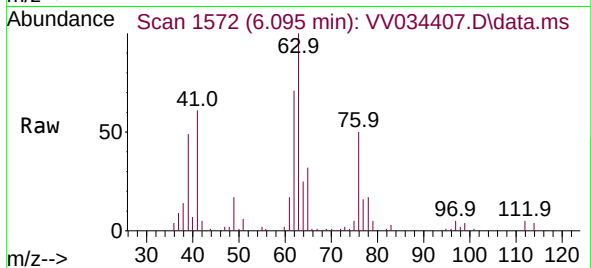
ClientSampleId :

Tgt Ion: 63 Resp: 52784

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 4.919 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

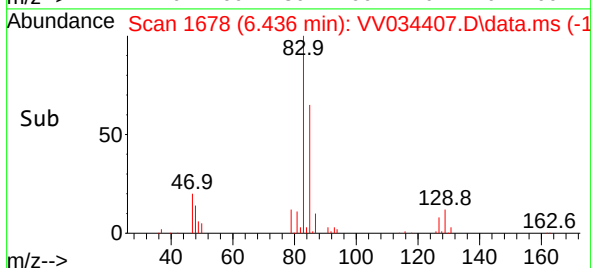
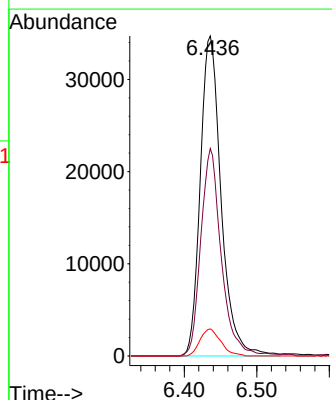
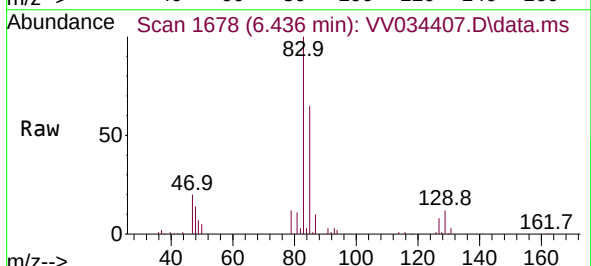
Tgt Ion: 83 Resp: 69349

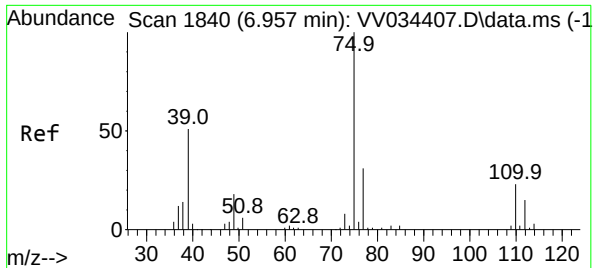
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 8.5 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.631 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

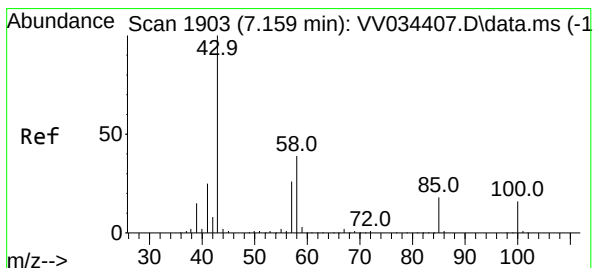
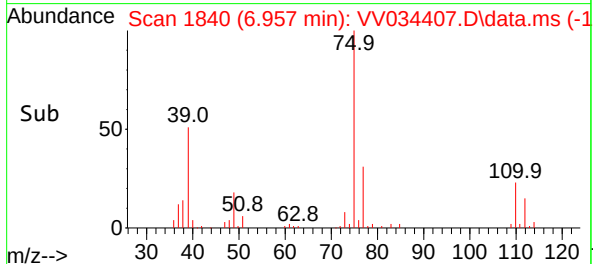
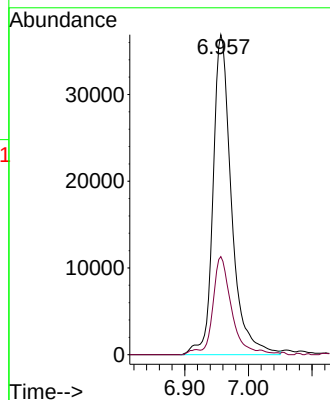
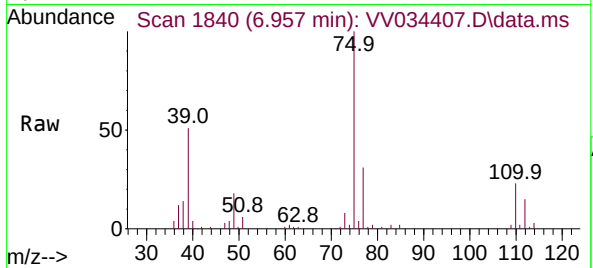
ClientSampleId :

Tgt Ion: 75 Resp: 74392

Ion Ratio Lower Upper

75 100

77 30.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 63.002 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

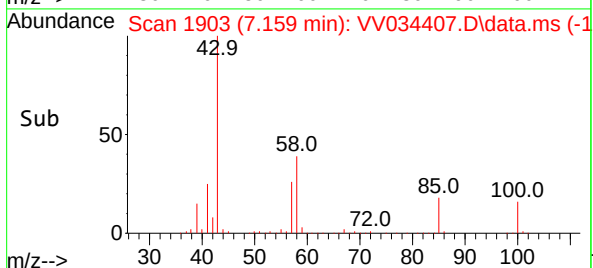
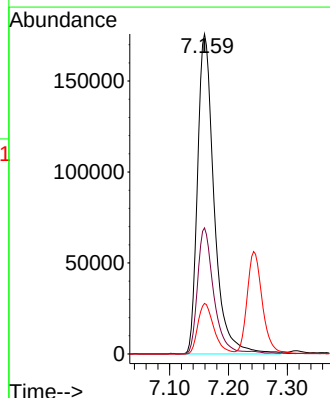
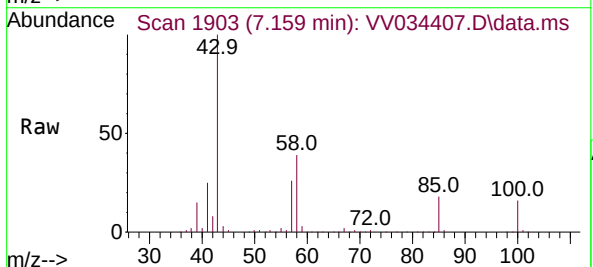
Tgt Ion: 43 Resp: 344167

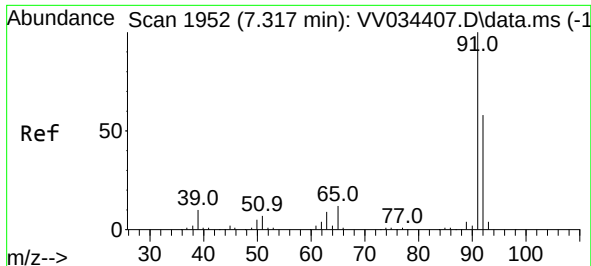
Ion Ratio Lower Upper

43 100

58 38.4 30.7 46.1

100 15.4 12.3 18.5





#42

Toluene

Concen: 4.763 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

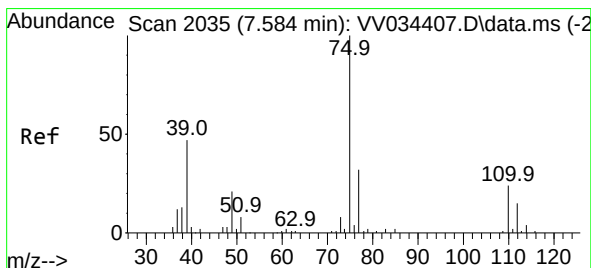
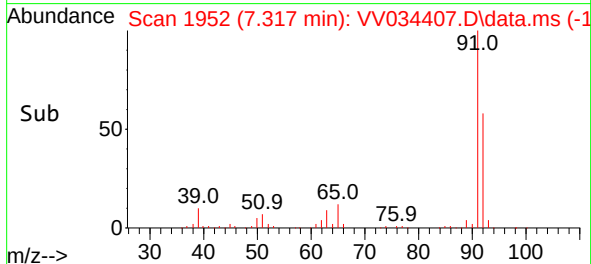
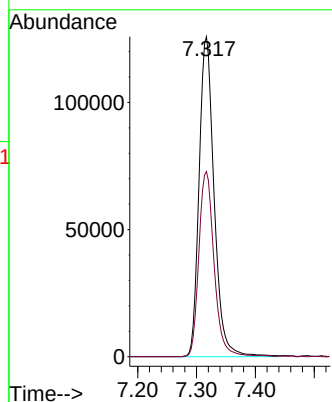
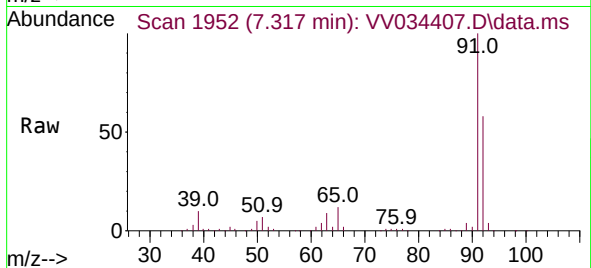
ClientSampleId :

Tgt Ion: 91 Resp: 223927

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.773 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034407.D

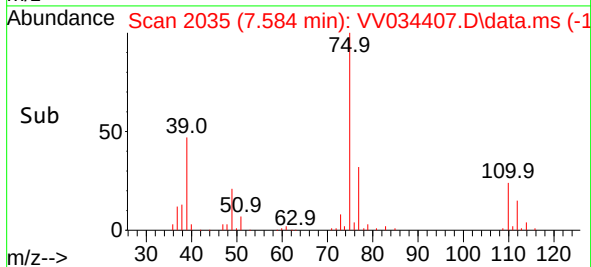
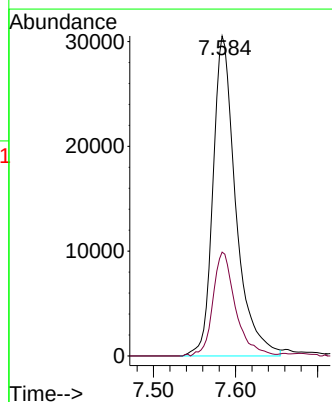
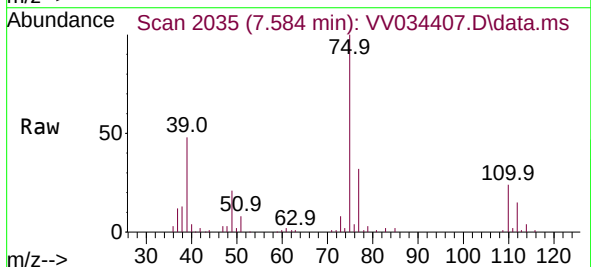
Acq: 26 Feb 2024 13:15

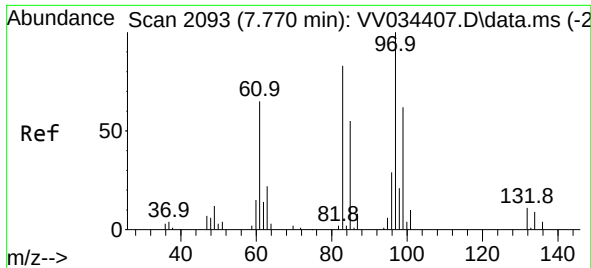
Tgt Ion: 75 Resp: 59057

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1

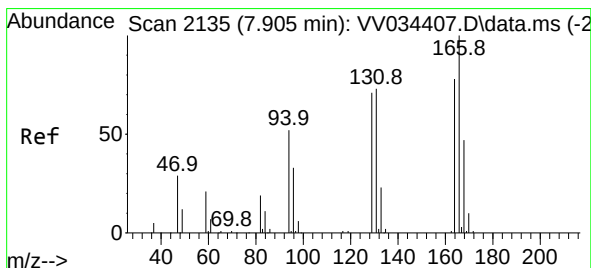
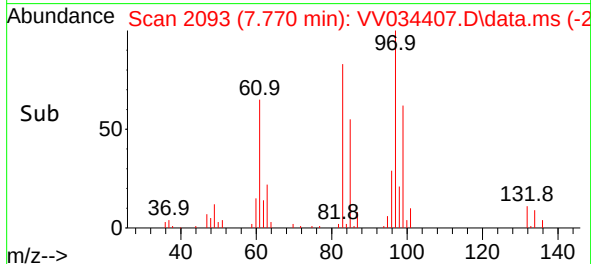
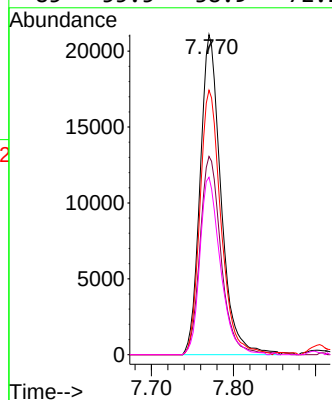
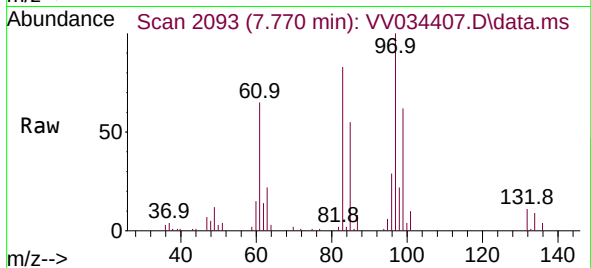




#45
1,1,2-Trichloroethane
Concen: 5.463 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

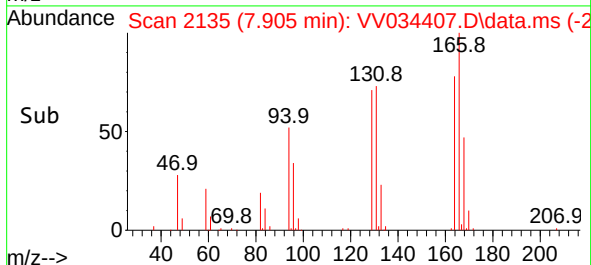
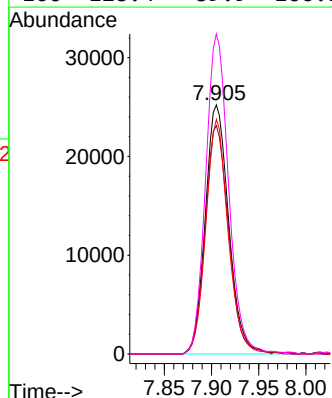
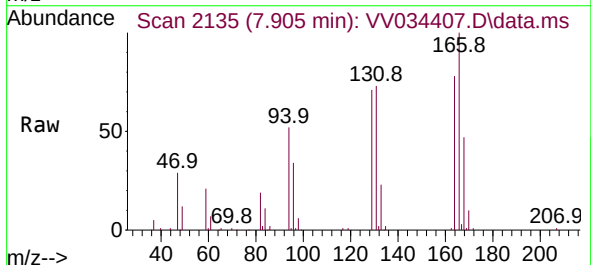
Instrument :
MSVOA_V
ClientSampleId :

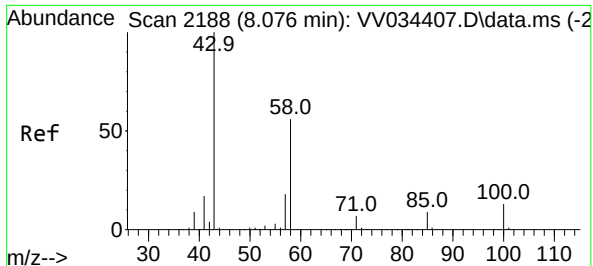
Tgt Ion:	97	Resp:	37309
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	82.7	57.9	107.5
85	55.5	38.9	72.2



#47
Tetrachloroethene
Concen: 4.258 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion:	164	Resp:	43689
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.2	119.2
131	94.1	65.9	122.3
166	128.4	89.9	166.9



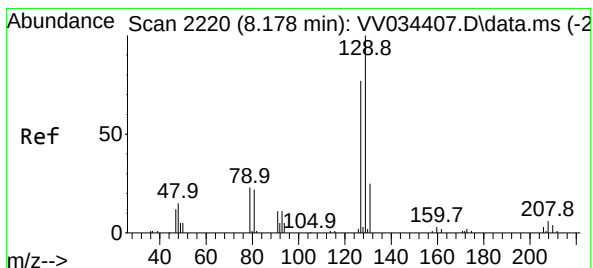
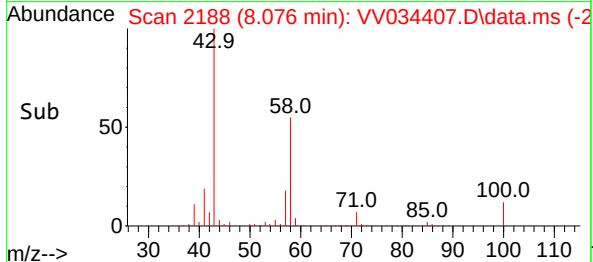
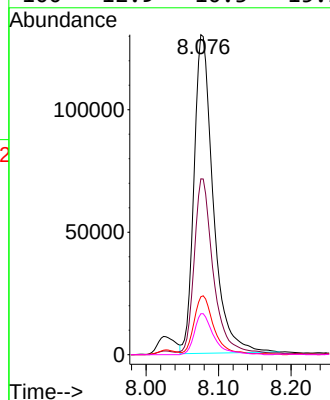
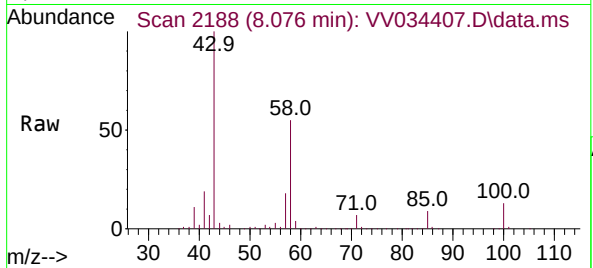


#48
2-Hexanone
Concen: 62.253 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 239888

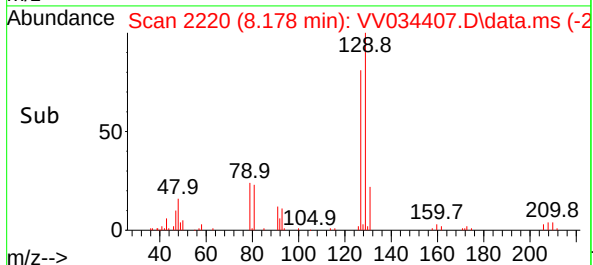
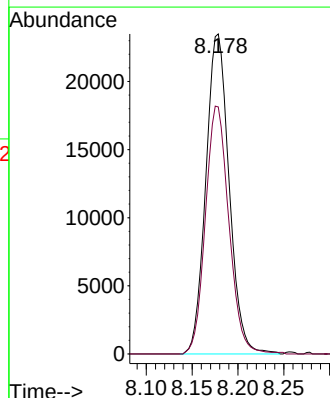
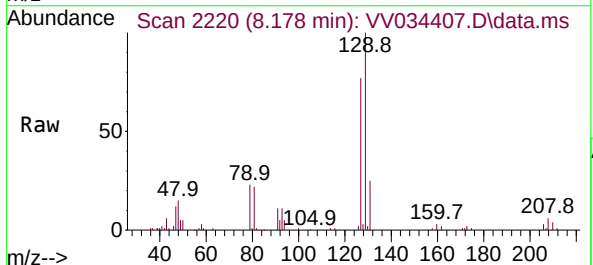
Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.4	65.0
57	19.4	15.5	23.3
100	12.9	10.3	15.5

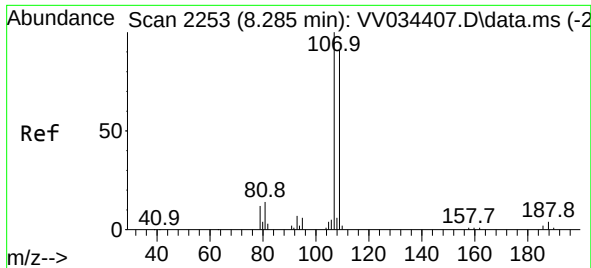


#49
Dibromochloromethane
Concen: 5.217 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion: 129 Resp: 41512

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.0	100.4

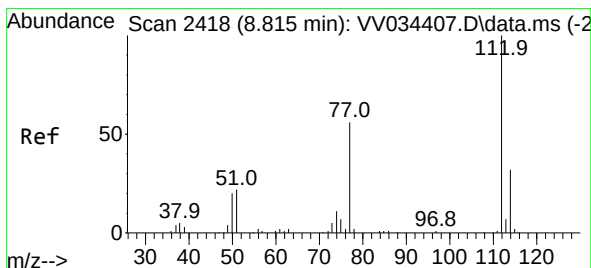
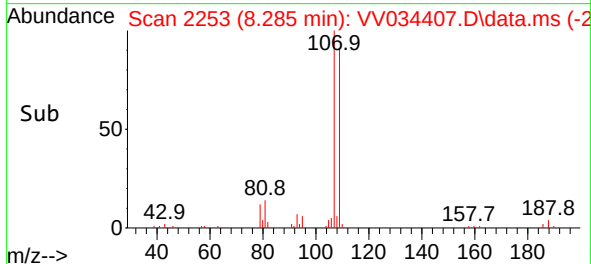
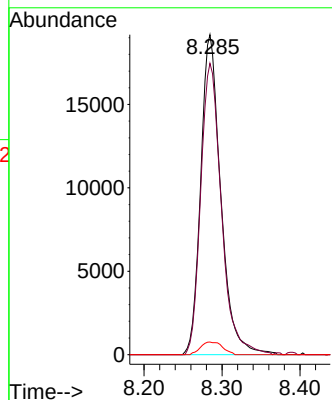
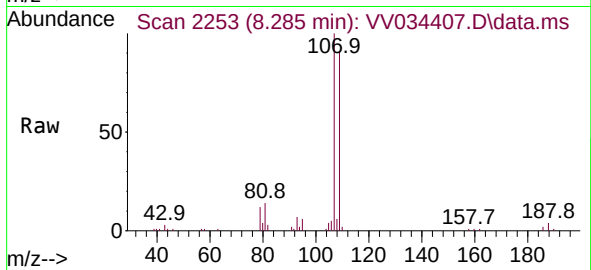




#50
1,2-Dibromoethane
Concen: 5.612 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

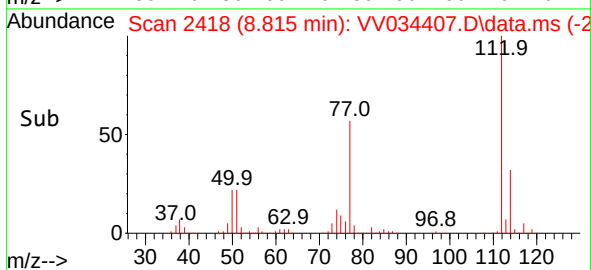
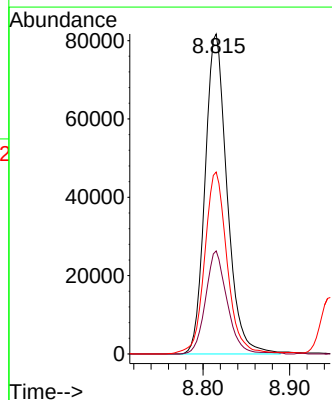
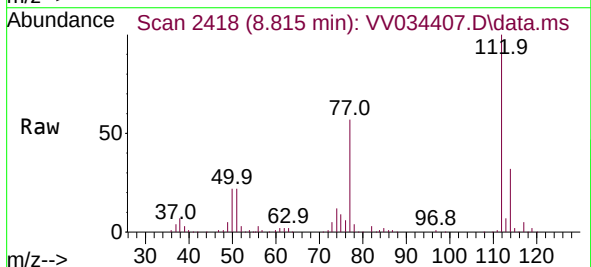
Instrument :
MSVOA_V
ClientSampleId :

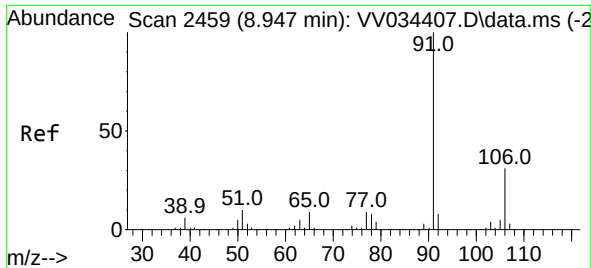
Tgt Ion:107 Resp: 34320
Ion Ratio Lower Upper
107 100
109 91.1 63.8 118.4
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 4.830 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion:112 Resp: 144243
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 56.8 45.4 68.2

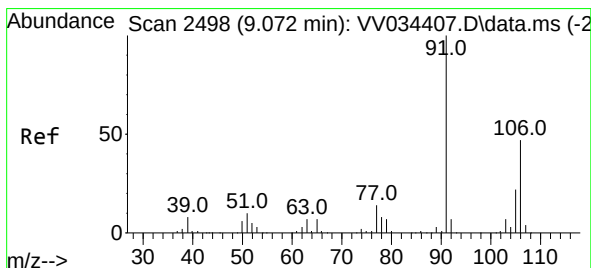
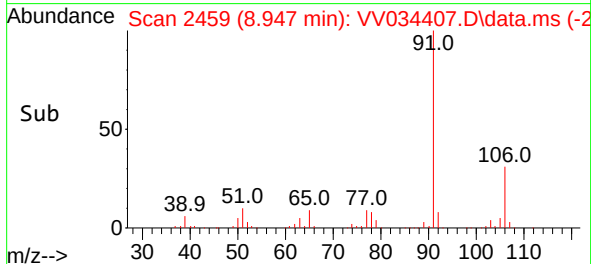
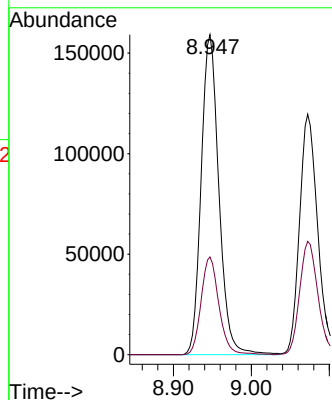
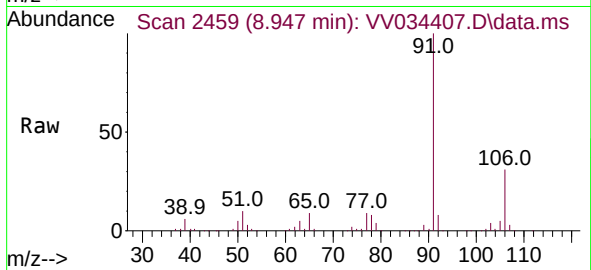




#52
Ethylbenzene
Concen: 4.679 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

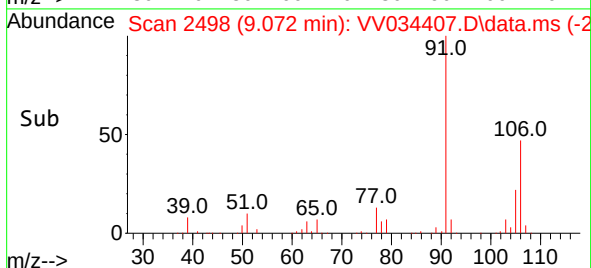
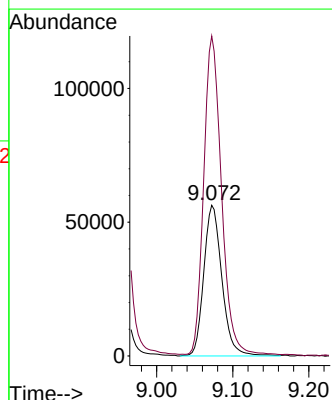
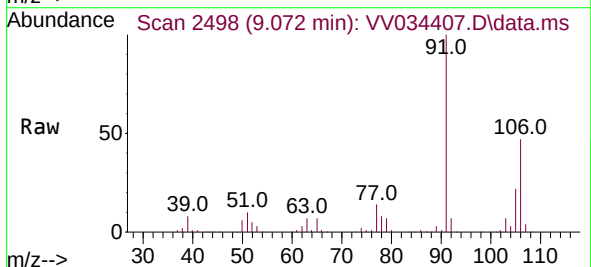
Instrument :
MSVOA_V
ClientSampleId :

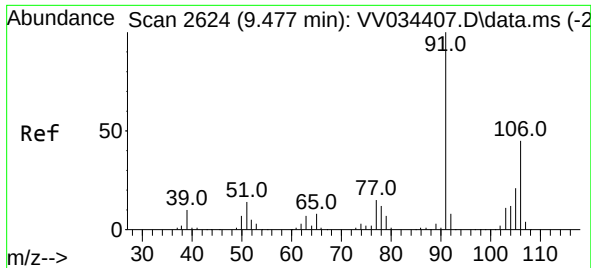
Tgt Ion: 91 Resp: 251614
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 4.603 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion:106 Resp: 93376
Ion Ratio Lower Upper
106 100
91 212.2 148.5 275.9

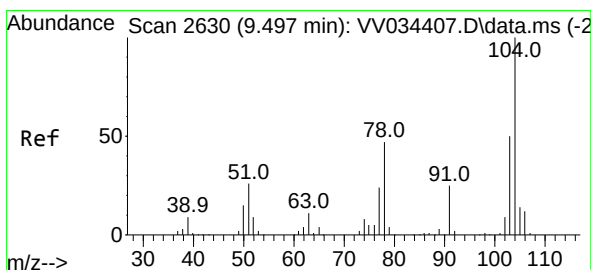
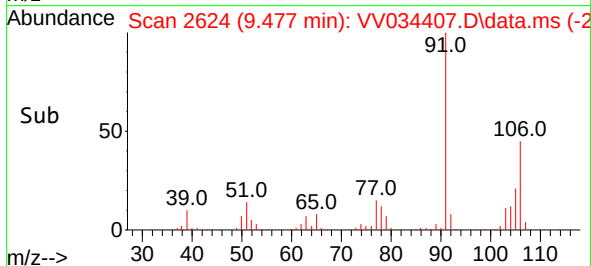
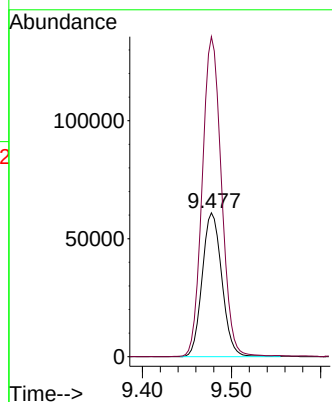
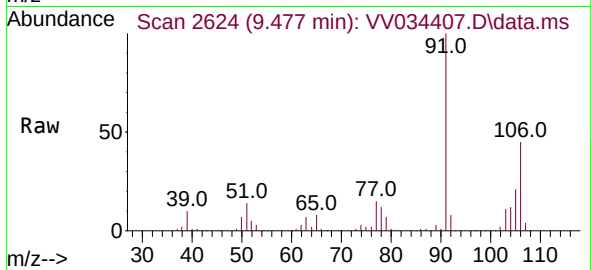




#54
o-Xylene
Concen: 4.742 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

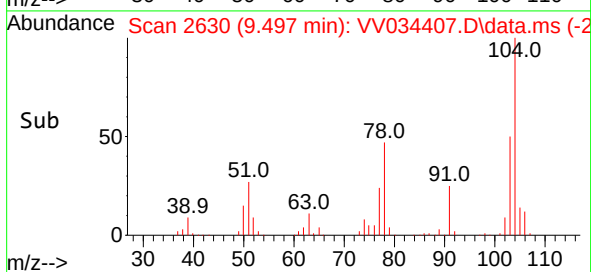
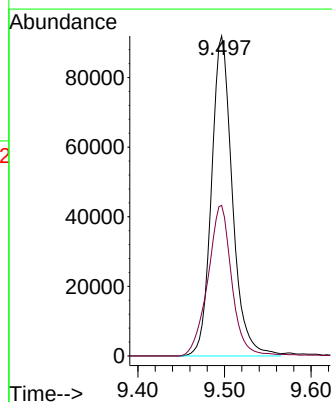
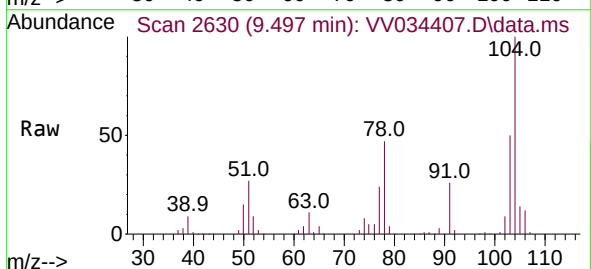
Instrument :
MSVOA_V
ClientSampleId :

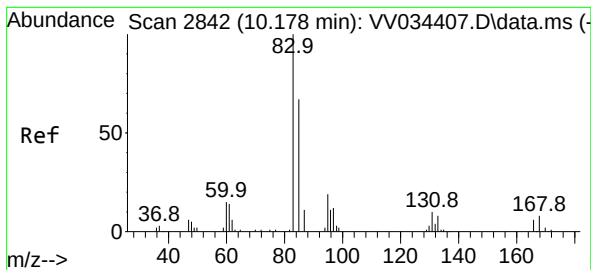
Tgt Ion:106 Resp: 93437
Ion Ratio Lower Upper
106 100
91 222.5 155.8 289.3



#55
Styrene
Concen: 4.890 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion:104 Resp: 154265
Ion Ratio Lower Upper
104 100
78 47.0 32.9 61.1

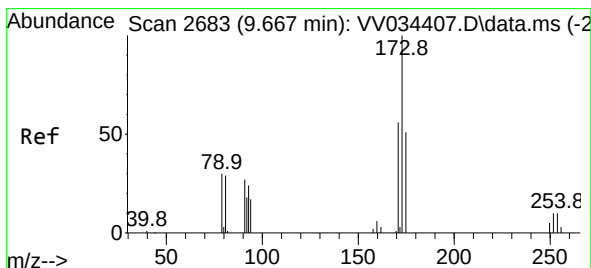
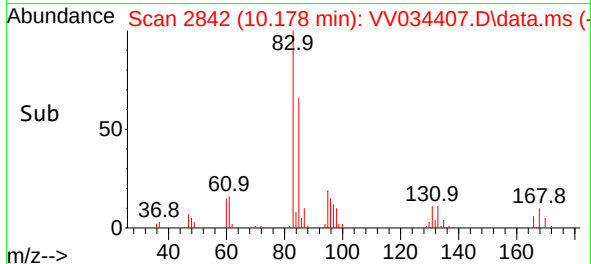
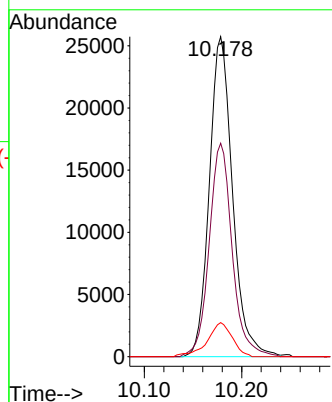
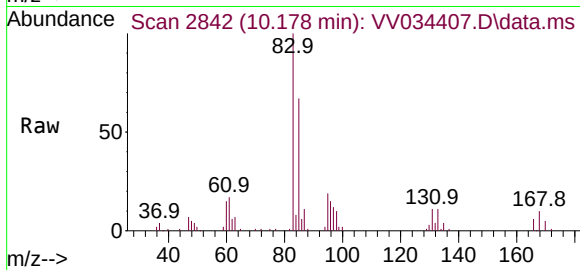




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.855 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

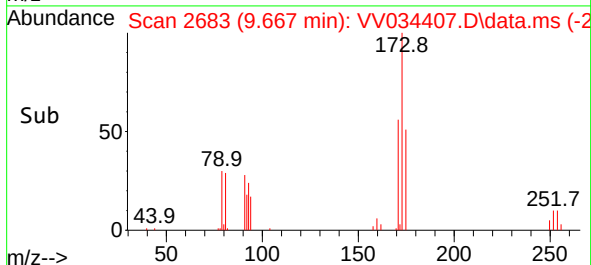
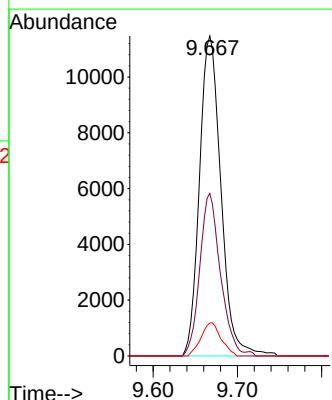
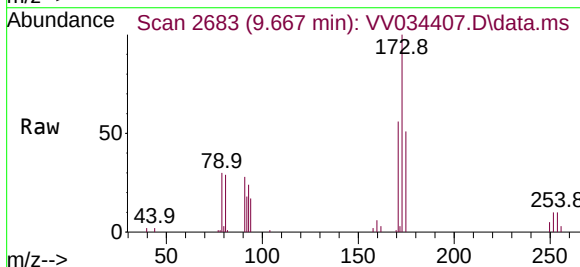
Instrument :
 MSVOA_V
 ClientSampleId :

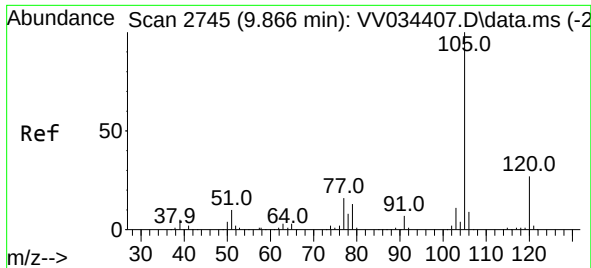
Tgt Ion: 83 Resp: 42558
 Ion Ratio Lower Upper
 83 100
 85 66.7 46.7 86.7
 131 10.7 8.6 12.8



#59
 Bromoform
 Concen: 4.841 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

Tgt Ion: 173 Resp: 20348
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.9 58.3
 254 9.7 7.8 11.6

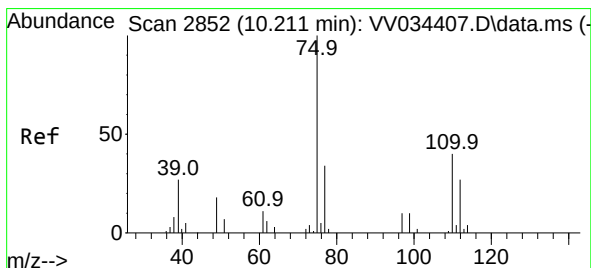
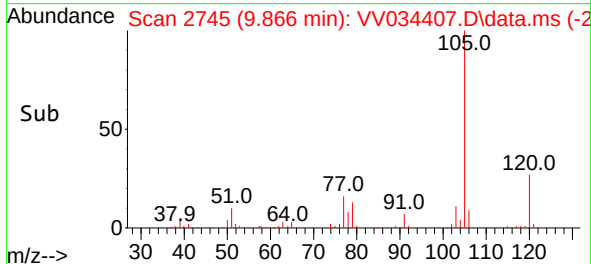
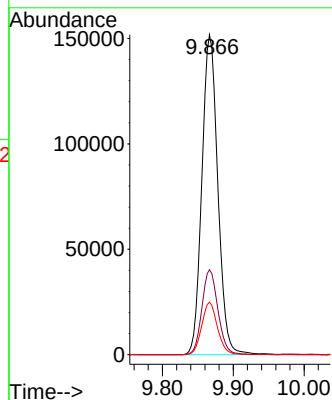
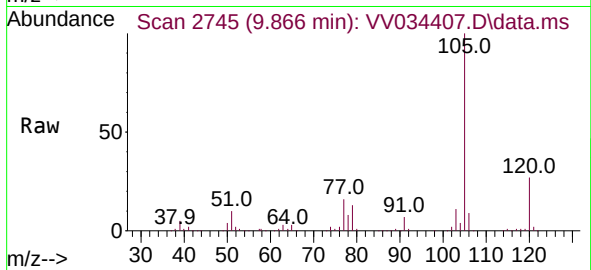




#60
Isopropylbenzene
Concen: 4.299 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

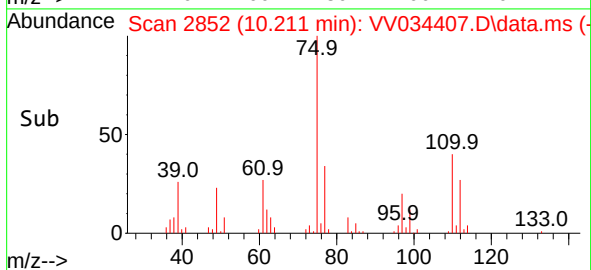
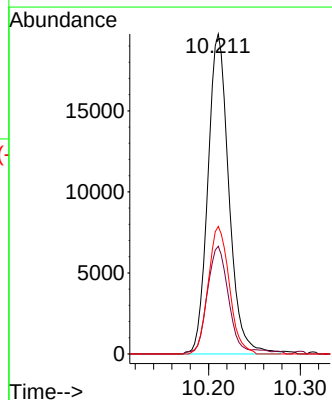
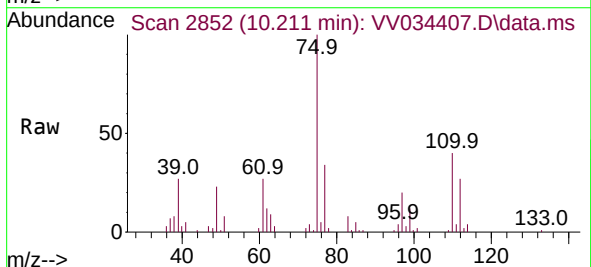
Instrument :
MSVOA_V
ClientSampleId :

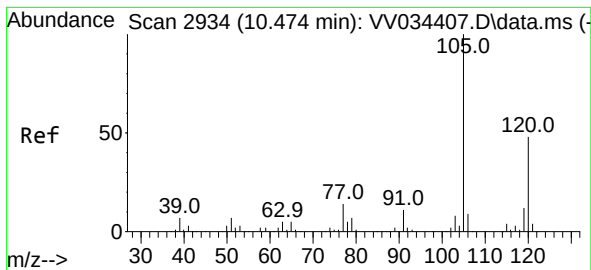
Tgt Ion:105 Resp: 237063
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.731 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034407.D
Acq: 26 Feb 2024 13:15

Tgt Ion: 75 Resp: 31474
Ion Ratio Lower Upper
75 100
77 34.6 27.7 41.5
110 40.0 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 4.388 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

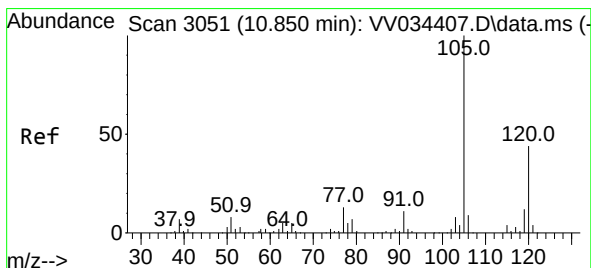
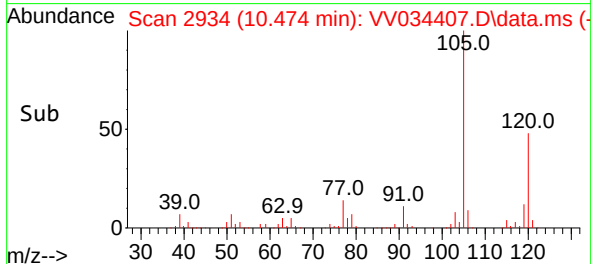
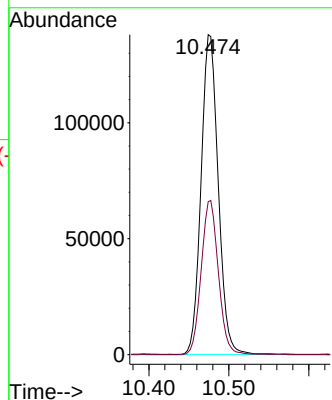
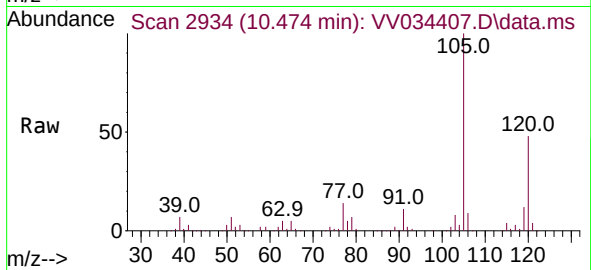
ClientSampleId :

Tgt Ion:105 Resp: 205948

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.490 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034407.D

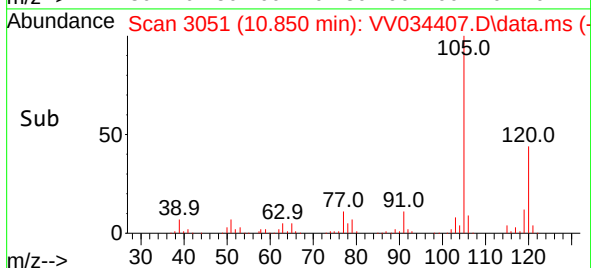
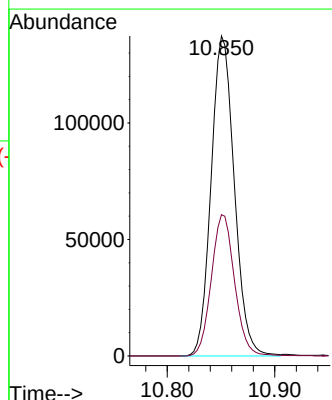
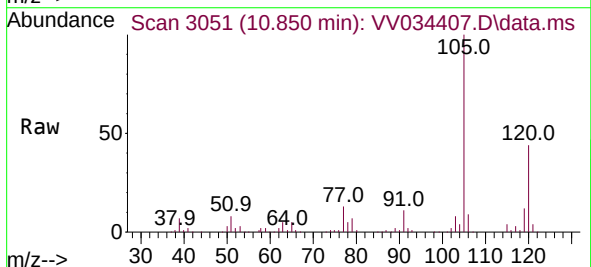
Acq: 26 Feb 2024 13:15

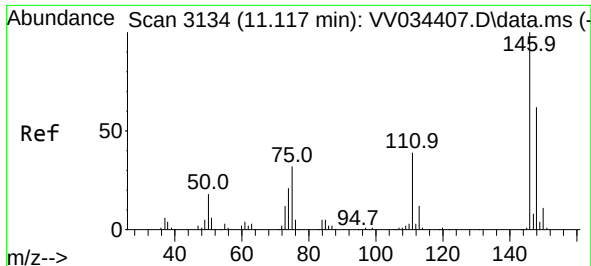
Tgt Ion:105 Resp: 205784

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 4.636 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

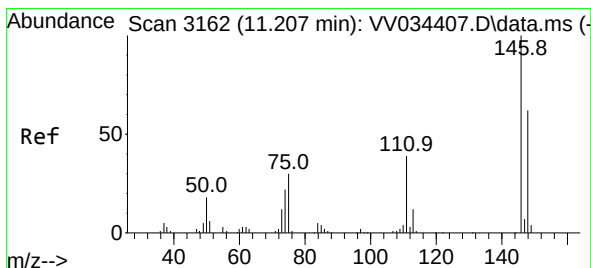
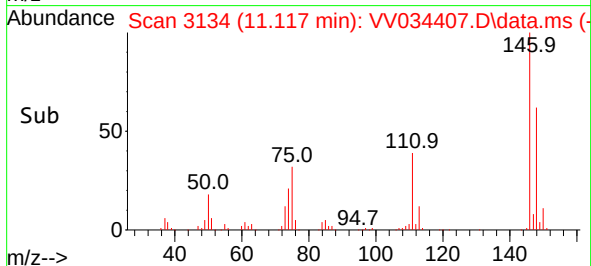
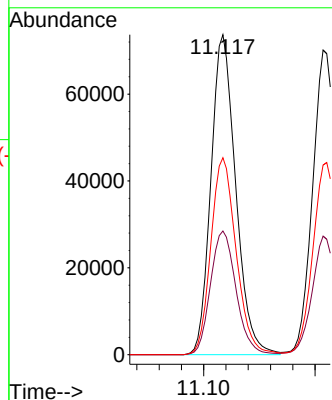
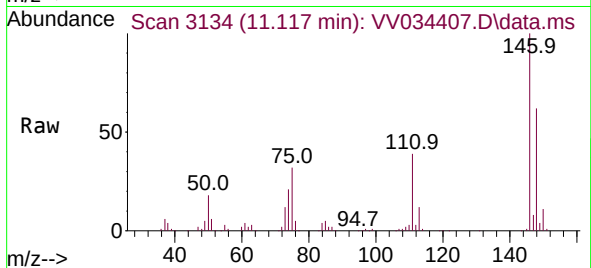
Tgt Ion:146 Resp: 113835

Ion Ratio Lower Upper

146 100

111 38.6 27.0 50.2

148 61.6 43.1 80.1



#65

1,4-Dichlorobenzene

Concen: 4.606 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

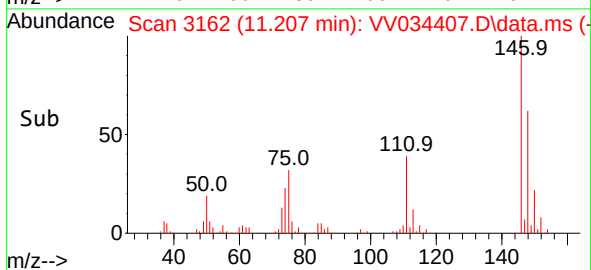
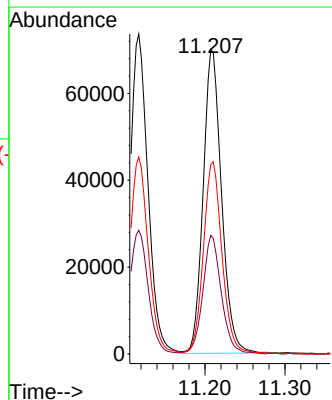
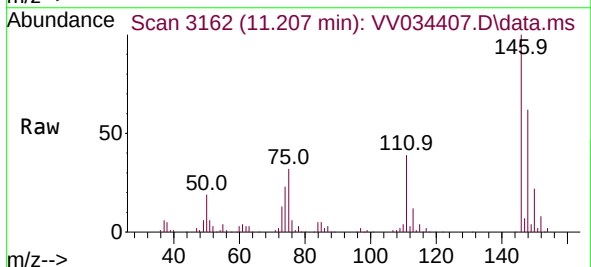
Tgt Ion:146 Resp: 112161

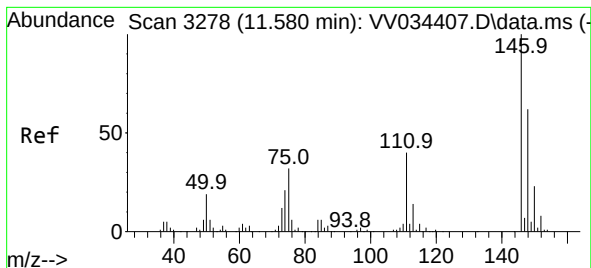
Ion Ratio Lower Upper

146 100

111 38.9 27.2 50.6

148 62.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.939 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

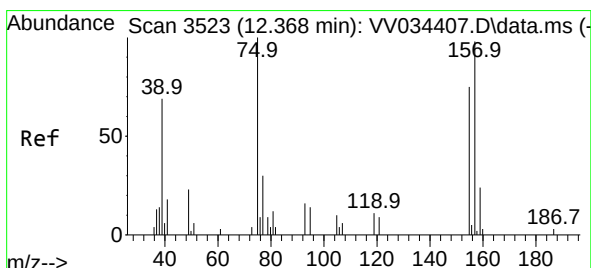
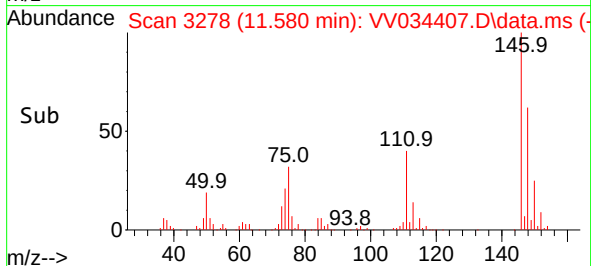
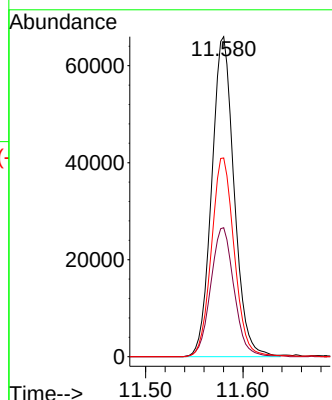
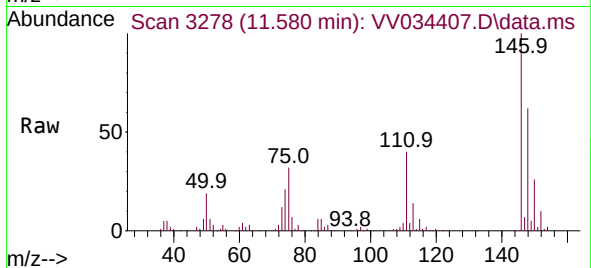
Tgt Ion:146 Resp: 105419

Ion Ratio Lower Upper

146 100

111 40.3 32.2 48.4

148 62.1 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.609 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

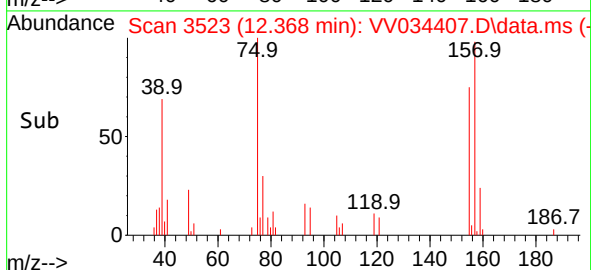
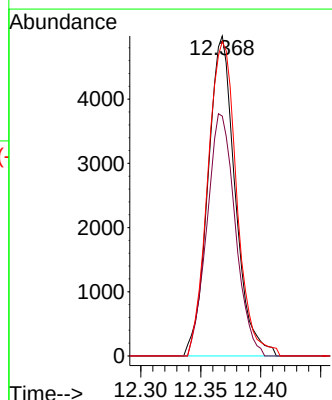
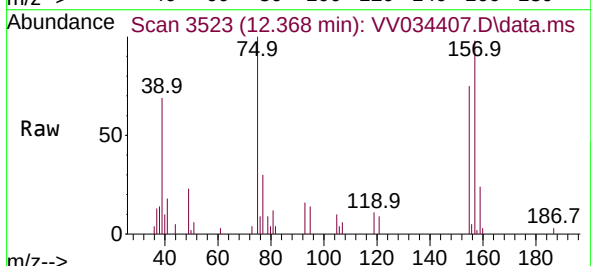
Tgt Ion: 75 Resp: 7865

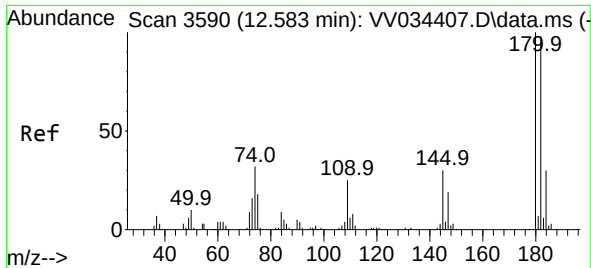
Ion Ratio Lower Upper

75 100

155 75.0 60.0 90.0

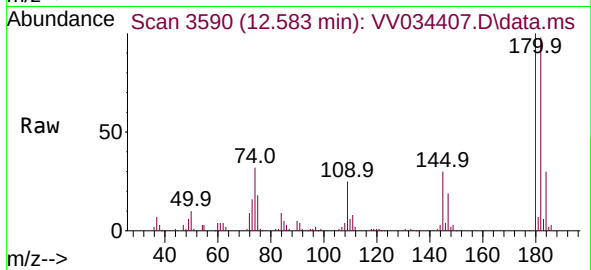
157 98.2 78.6 117.8



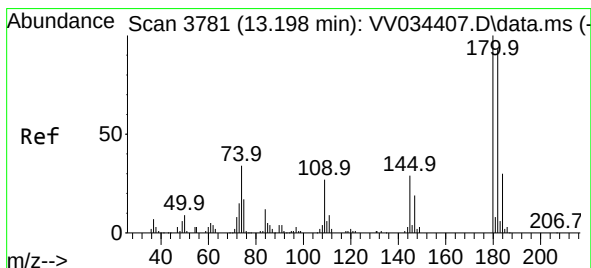
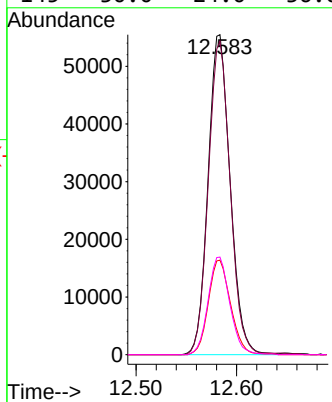
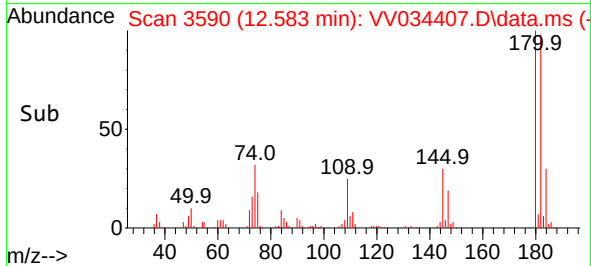


#69
 1,3,5-Trichlorobenzene
 Concen: 4.498 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15

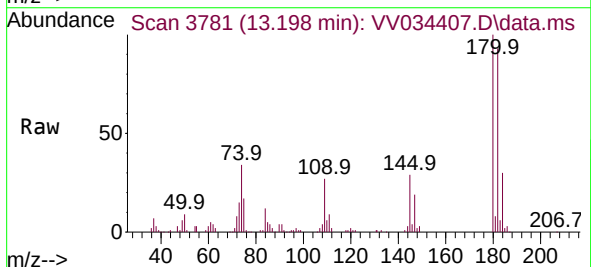
Instrument :
 MSVOA_V
 ClientSampleId :



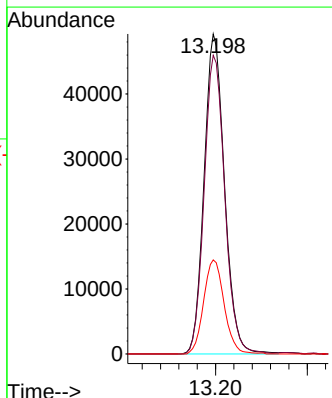
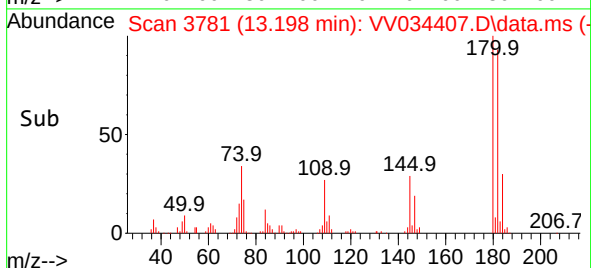
Tgt Ion:180 Resp: 84763
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.8 116.6
 184 29.8 23.8 35.8
 145 30.0 24.0 36.0

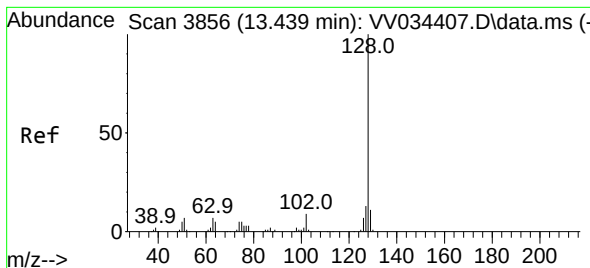


#70
 1,2,4-trichlorobenzene
 Concen: 5.020 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV034407.D
 Acq: 26 Feb 2024 13:15



Tgt Ion:180 Resp: 76174
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.3 112.9
 145 29.5 23.6 35.4





#71

Naphthalene

Concen: 6.314 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

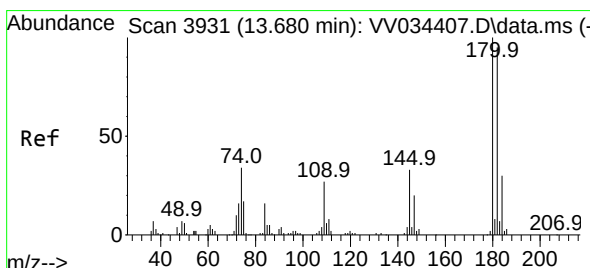
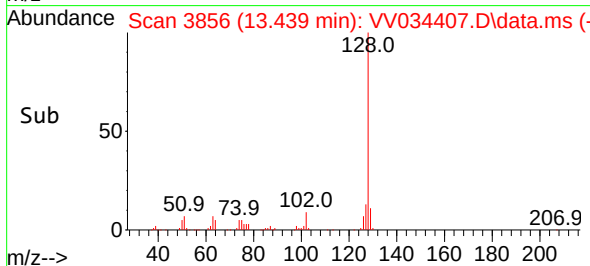
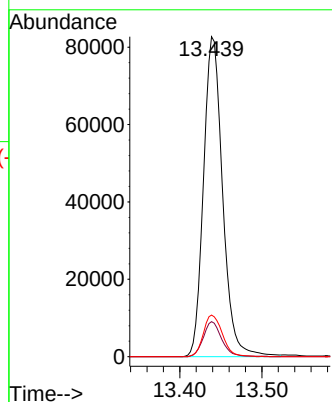
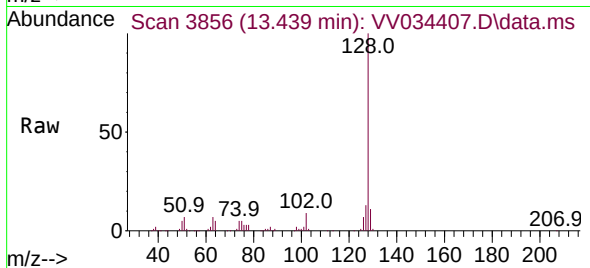
Tgt Ion:128 Resp: 134223

Ion Ratio Lower Upper

128 100

129 10.5 8.4 12.6

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.479 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034407.D

Acq: 26 Feb 2024 13:15

Tgt Ion:180 Resp: 67438

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 32.2 25.8 38.6

