

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042424\
 Data File : VW035399.D
 Acq On : 24 Apr 2024 20:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 02:03:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	435833	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	440985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	219504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170102	40.413	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.820%
7) Chloroethane-d5	1.529	69	112793	30.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.700%#
11) 1,1-Dichloroethene-d2	2.047	65	74400	40.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.640%
21) 2-Butanone-d5	3.802	46	250527	100.359	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	4.246	84	348063	49.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	4.937	65	212977	47.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	4.953	84	664099	44.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
36) 1,2-Dichloropropane-d6	5.986	67	213877	45.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.940%
41) Toluene-d8	7.240	98	612385	45.905	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.551	79	101868	44.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.100%
47) 2-Hexanone-d5	8.037	63	152512	85.756	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.760%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	317934	49.083	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	11.561	152	232453	47.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	175366	55.516	ug/L	99
3) Chloromethane	1.214	50	182225	44.873	ug/L	100
5) Vinyl chloride	1.282	62	190862	44.833	ug/L	98
6) Bromomethane	1.487	94	103248	32.354	ug/L	100
8) Chloroethane	1.542	64	79794	27.444	ug/L	100
9) Trichlorofluoromethane	1.696	101	180267	32.262	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	158766	46.423	ug/L	96
12) 1,1-Dichloroethene	2.057	96	140152	42.848	ug/L	97
13) Acetone	2.134	43	183932	80.256	ug/L	98
14) Carbon disulfide	2.227	76	401109	43.545	ug/L	100
15) Methyl Acetate	2.378	43	191496	53.023	ug/L	96
16) Methylene chloride	2.439	84	189152	53.370	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	153854	48.651	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	542566	48.846	ug/L	100
19) 1,1-Dichloroethane	3.105	63	325095	50.130	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	176780	49.228	ug/L	93
22) 2-Butanone	3.886	43	238201	89.570	ug/L	96
23) Bromochloromethane	4.143	128	98124	54.614	ug/L	90
25) Chloroform	4.272	83	329232	51.349	ug/L	99

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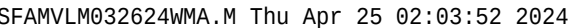
Instrument :
 MSVOA_V
 ClientSampleId :

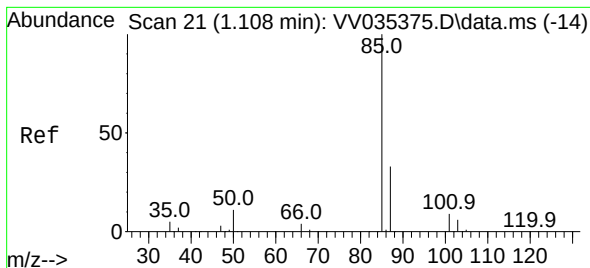
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	250453	49.061	ug/L	96
29) Cyclohexane	4.574	56	238310	43.147	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	278908	48.521	ug/L	98
31) Carbon tetrachloride	4.728	117	240121	49.285	ug/L	99
33) Benzene	5.005	78	686737	47.757	ug/L	100
34) Trichloroethene	5.828	95	174190	44.885	ug/L	97
35) Methylcyclohexane	6.043	83	261271	44.578	ug/L	98
37) 1,2-Dichloropropane	6.088	63	192579	48.461	ug/L	98
38) Bromodichloromethane	6.429	83	252411	49.229	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	294222	46.999	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	472446	93.116	ug/L	98
42) Toluene	7.310	91	732465	48.653	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	274847	47.788	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	194687	51.978	ug/L	98
46) Tetrachloroethene	7.902	164	137263	50.627	ug/L	96
48) 2-Hexanone	8.088	43	388425	90.011	ug/L	98
49) Dibromochloromethane	8.175	129	202431	54.568	ug/L	99
50) 1,2-Dibromoethane	8.281	107	204090	50.611	ug/L	99
51) Chlorobenzene	8.812	112	518234	53.112	ug/L	99
52) Ethylbenzene	8.944	91	803379	48.150	ug/L	99
53) m,p-Xylene	9.072	106	303924	49.463	ug/L	97
54) o-Xylene	9.477	106	297192	48.883	ug/L	99
55) Styrene	9.497	104	521636	50.773	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	311309	51.297	ug/L	99
59) Bromoform	9.667	173	159684	63.481	ug/L	99
60) Isopropylbenzene	9.866	105	801232	50.633	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	241054	50.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	632697	61.563	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	624951	49.184	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	368672	49.854	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	406113	54.003	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	401750	54.535	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	57794	44.103	ug/L	84
69) 1,3,5-Trichlorobenzene	12.580	180	248041	46.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	206949	42.272	ug/L	99
71) Naphthalene	13.439	128	441893	32.534	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	203758	42.223	ug/L	99

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

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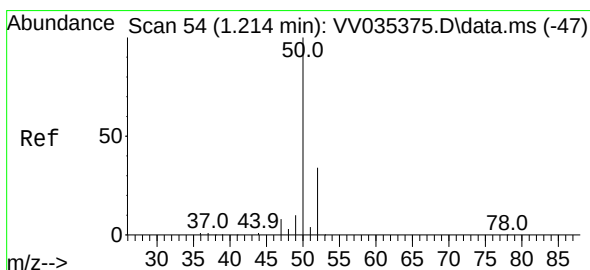
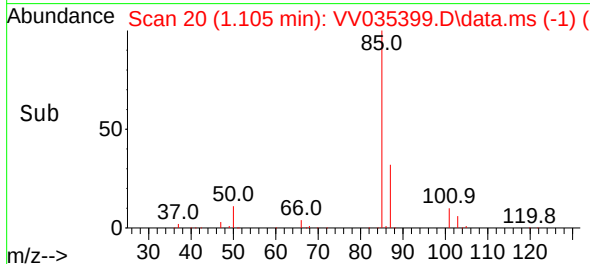
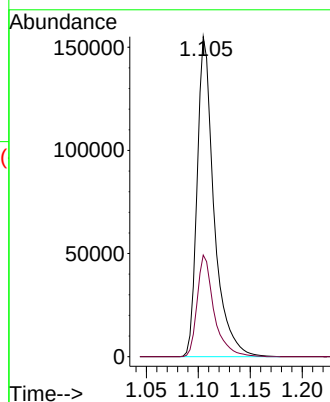
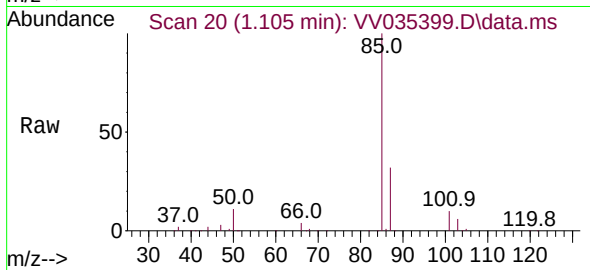




#2
Dichlorodifluoromethane
Concen: 55.516 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

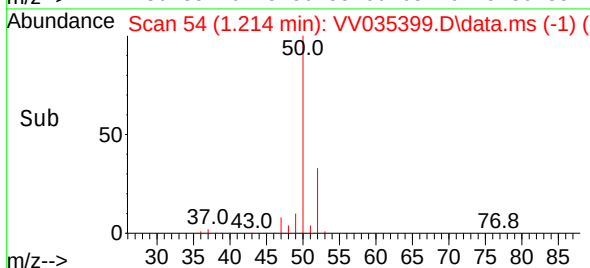
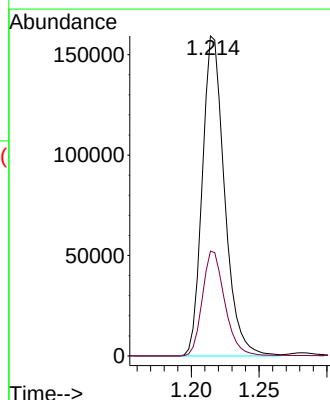
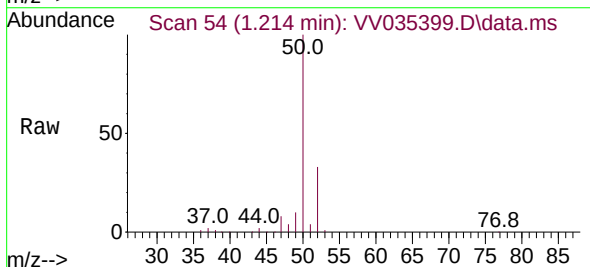
Instrument :
MSVOA_V
ClientSampleId :

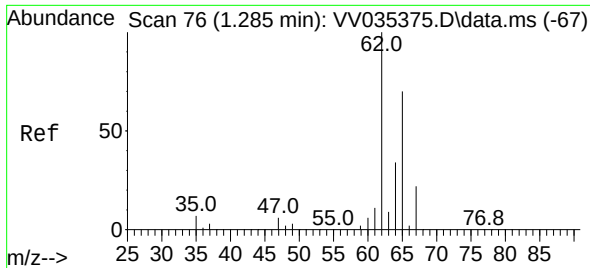
Tgt Ion: 85 Resp: 175366
Ion Ratio Lower Upper
85 100
87 31.7 25.7 38.5



#3
Chloromethane
Concen: 44.873 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion: 50 Resp: 182225
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8





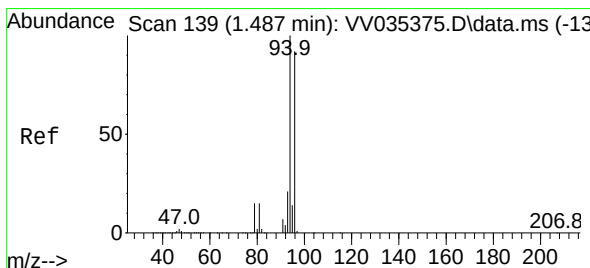
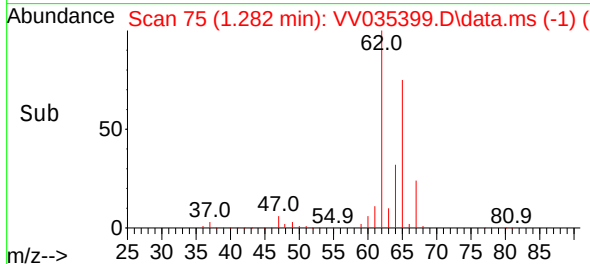
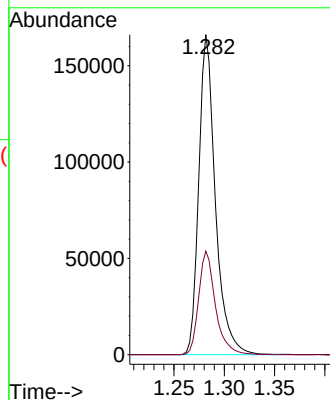
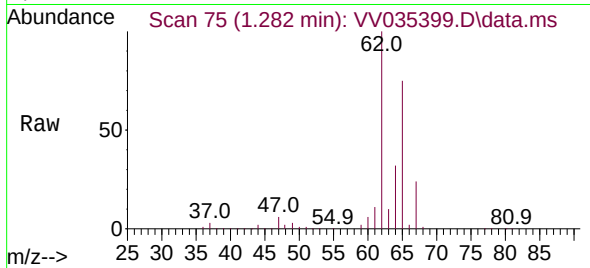
#5
 Vinyl chloride
 Concen: 44.833 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV035399.D
 Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

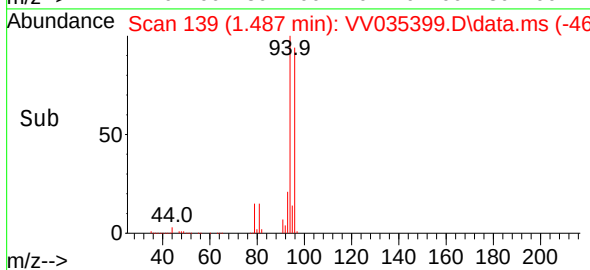
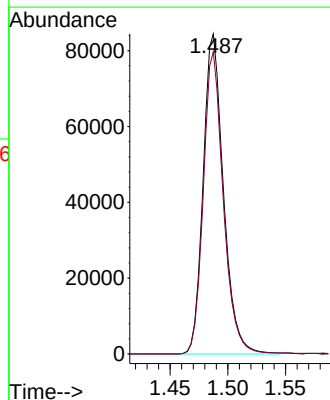
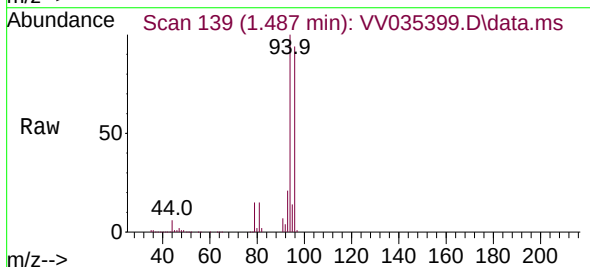
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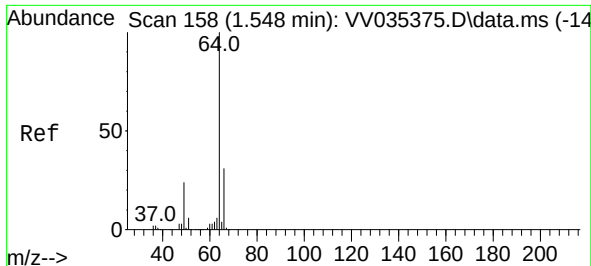
Tgt Ion: 62 Resp: 190862
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.6 43.8



#6
 Bromomethane
 Concen: 32.354 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035399.D
 Acq: 24 Apr 2024 20:15

Tgt Ion: 94 Resp: 103248
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.3 123.1





#8

Chloroethane

Concen: 27.444 ug/L

RT: 1.542 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

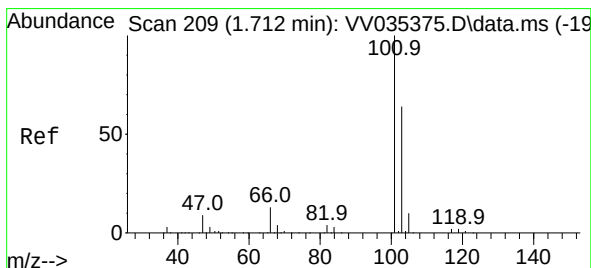
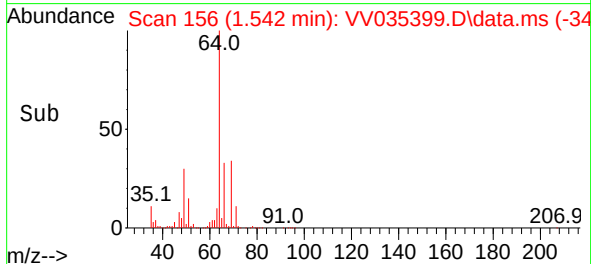
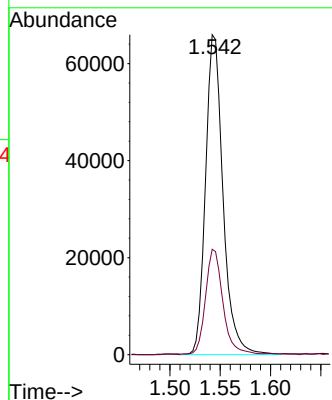
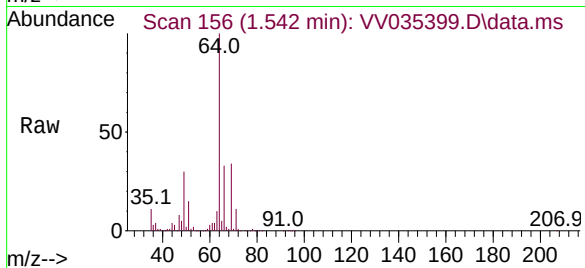
ClientSampleId :

Tgt Ion: 64 Resp: 79794

Ion Ratio Lower Upper

64 100

66 32.9 23.2 43.2



#9

Trichlorofluoromethane

Concen: 32.262 ug/L

RT: 1.696 min Scan# 204

Delta R.T. -0.016 min

Lab File: VV035399.D

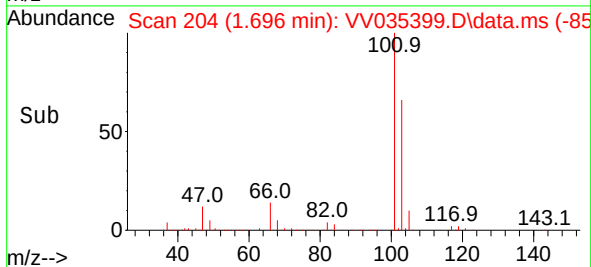
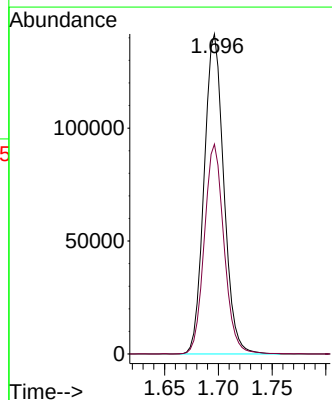
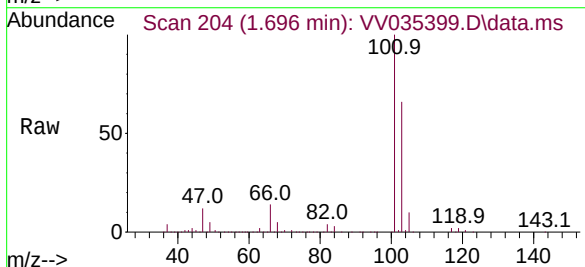
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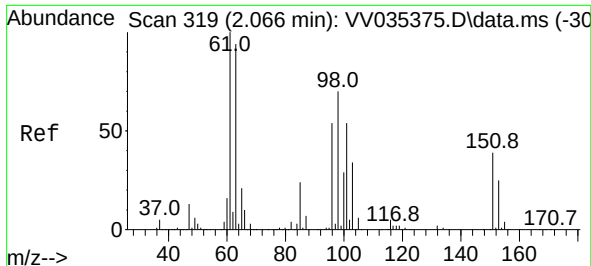
Tgt Ion:101 Resp: 180267

Ion Ratio Lower Upper

101 100

103 65.6 51.6 77.4





#10

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

Concen: 46.423 ug/L

RT: 2.057 min Scan# 316

Delta R.T. -0.009 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

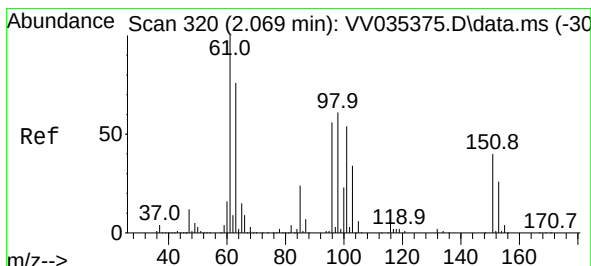
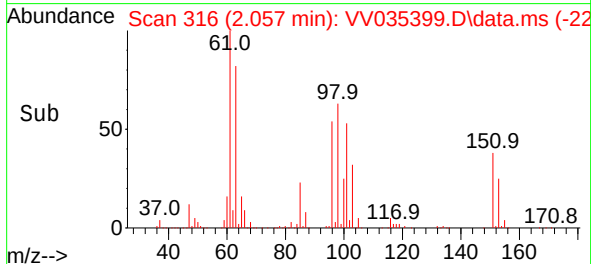
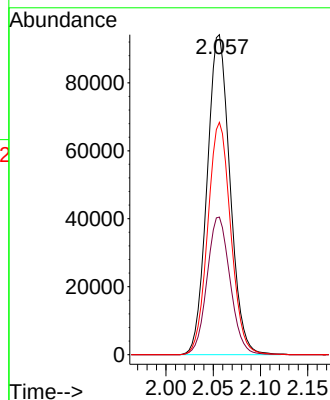
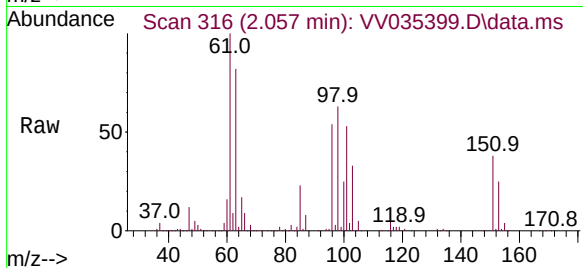
Tgt Ion:101 Resp: 158766

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

151 72.9 55.0 82.4



#12

1,1-Dichloroethene

Concen: 42.848 ug/L

RT: 2.057 min Scan# 316

Delta R.T. -0.013 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

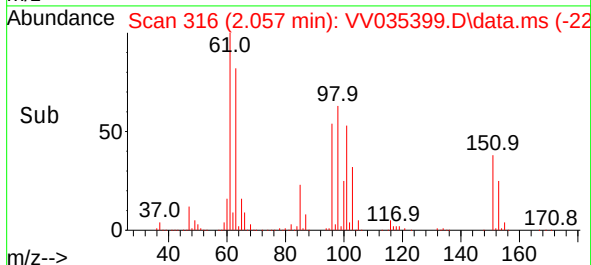
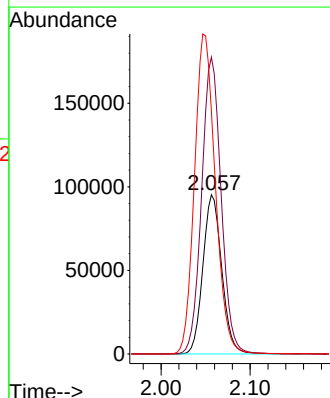
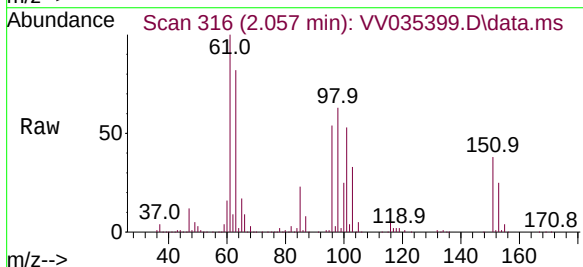
Tgt Ion: 96 Resp: 140152

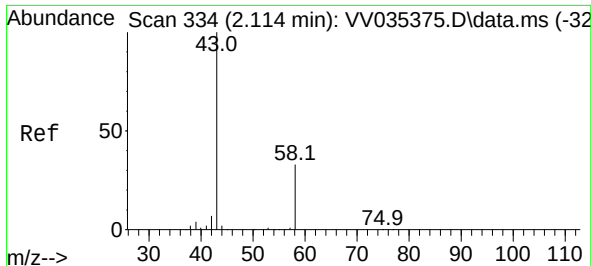
Ion Ratio Lower Upper

96 100

61 186.4 131.5 244.3

63 152.4 111.4 206.8





#13

Acetone

Concen: 80.256 ug/L

RT: 2.134 min Scan# 34

Delta R.T. 0.019 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

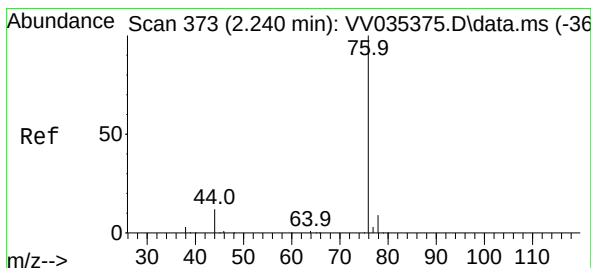
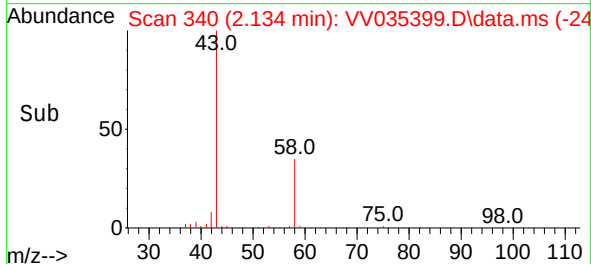
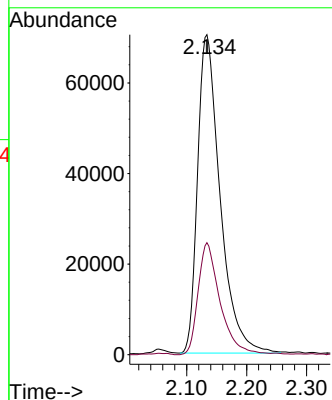
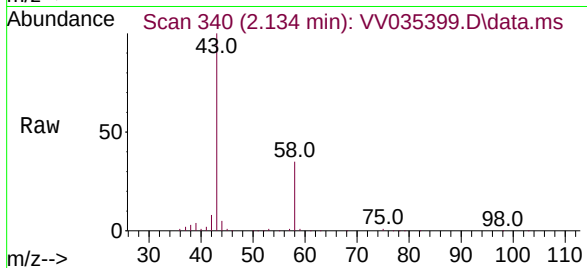
ClientSampleId :

Tgt Ion: 43 Resp: 183932

Ion Ratio Lower Upper

43 100

58 34.1 0.0 66.0



#14

Carbon disulfide

Concen: 43.545 ug/L

RT: 2.227 min Scan# 369

Delta R.T. -0.013 min

Lab File: VV035399.D

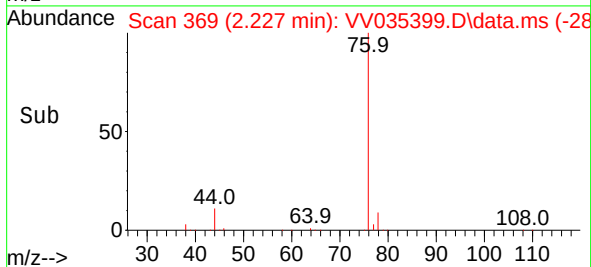
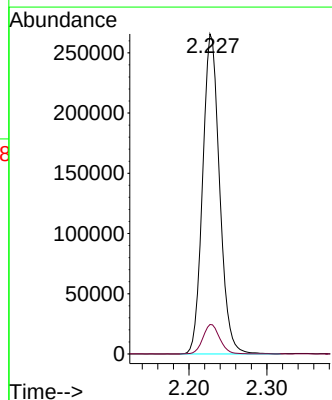
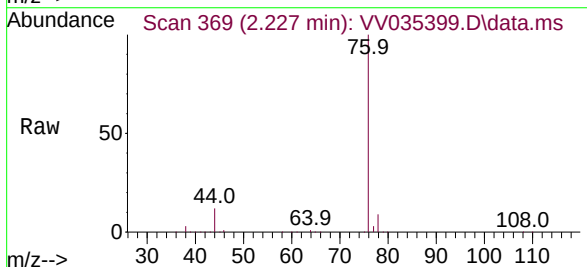
Acq: 24 Apr 2024 20:15

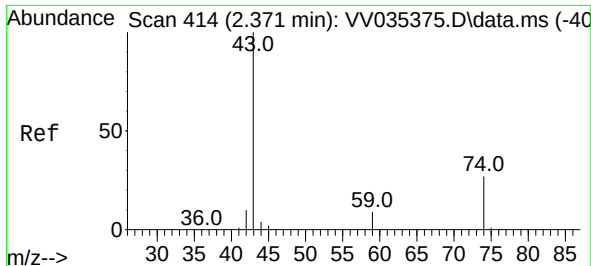
Tgt Ion: 76 Resp: 401109

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

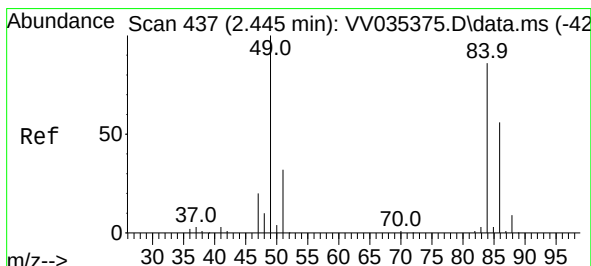
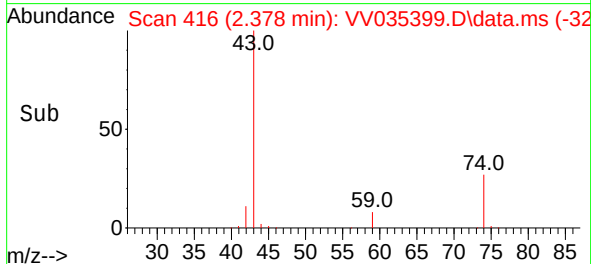
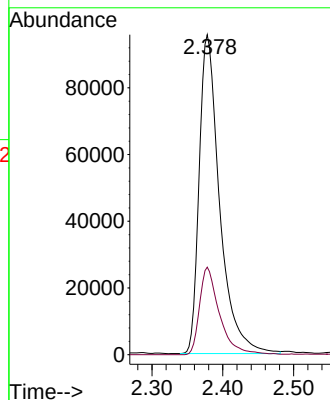
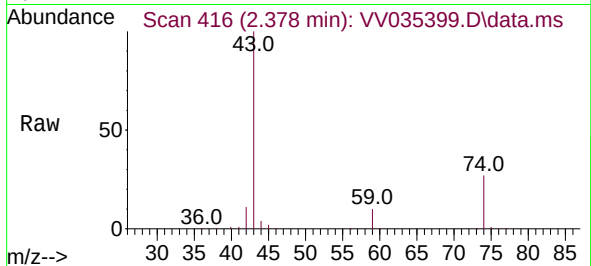




#15
Methyl Acetate
Concen: 53.023 ug/L
RT: 2.378 min Scan# 414
Delta R.T. 0.007 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

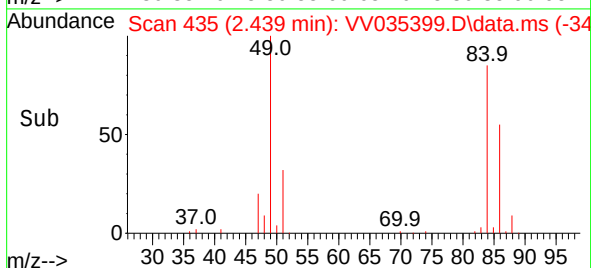
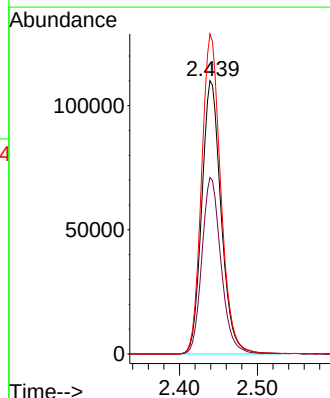
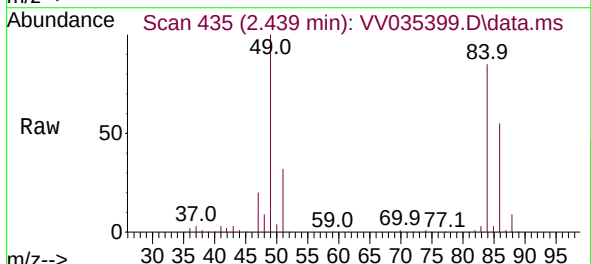
Instrument :
MSVOA_V
ClientSampleId :

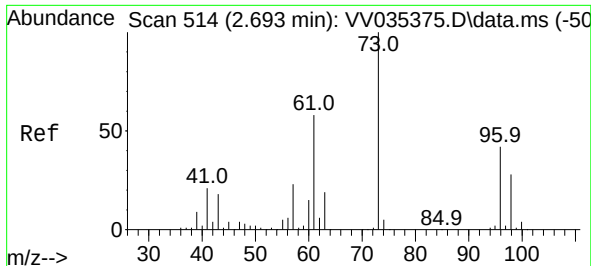
Tgt Ion: 43 Resp: 191496
Ion Ratio Lower Upper
43 100
74 26.7 19.8 29.8



#16
Methylene chloride
Concen: 53.370 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.006 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion: 84 Resp: 189152
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 117.1 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 48.651 ug/L

RT: 2.687 min Scan# 514

Delta R.T. -0.006 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

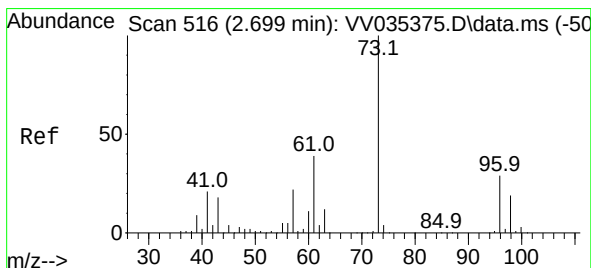
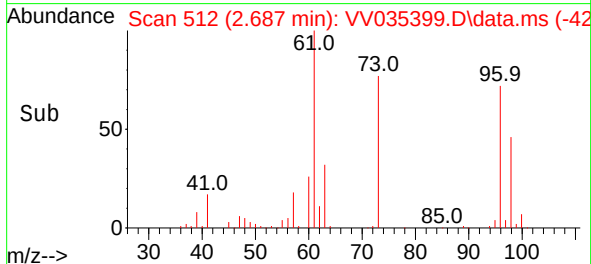
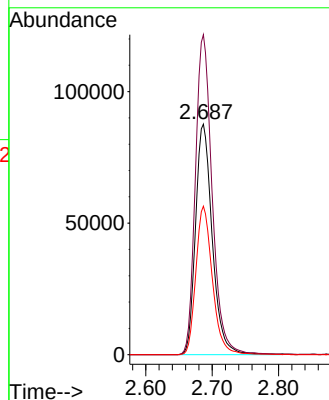
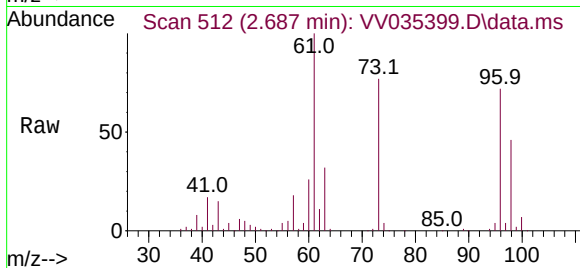
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 153854

Ion	Ratio	Lower	Upper
96	100		
61	138.8	99.0	183.8
98	64.4	44.3	82.3



#18

Methyl tert-butyl Ether

Concen: 48.846 ug/L

RT: 2.706 min Scan# 518

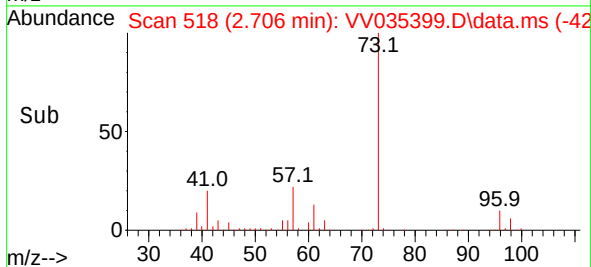
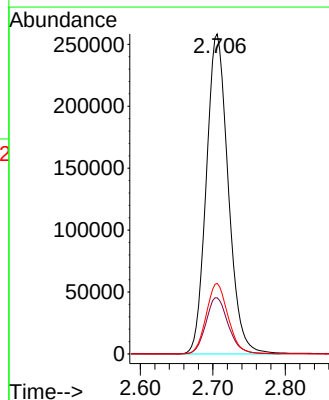
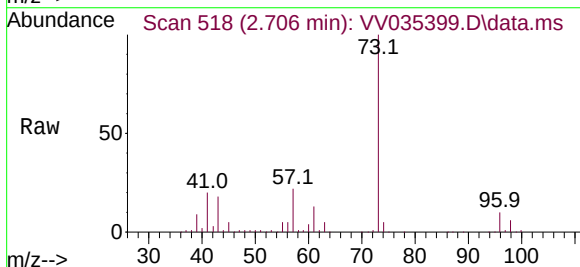
Delta R.T. 0.007 min

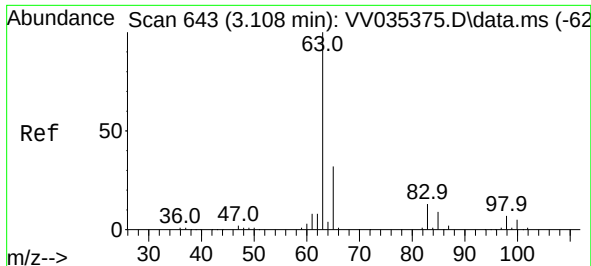
Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Tgt Ion: 73 Resp: 542566

Ion	Ratio	Lower	Upper
73	100		
43	17.9	14.6	21.8
57	22.1	17.6	26.4





#19

1,1-Dichloroethane

Concen: 50.130 ug/L

RT: 3.105 min Scan# 643

Delta R.T. -0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

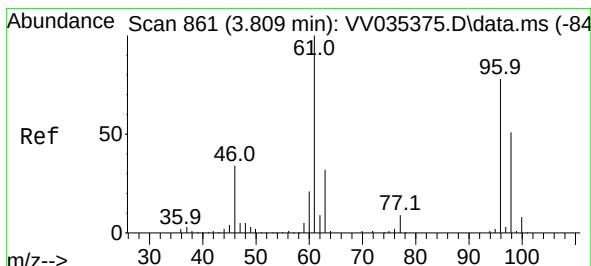
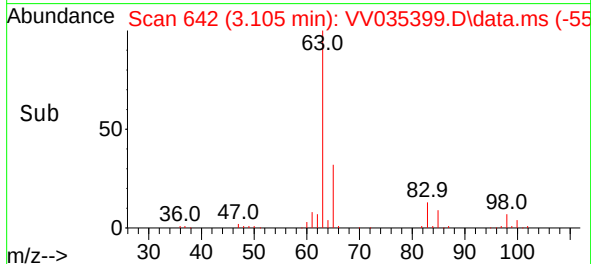
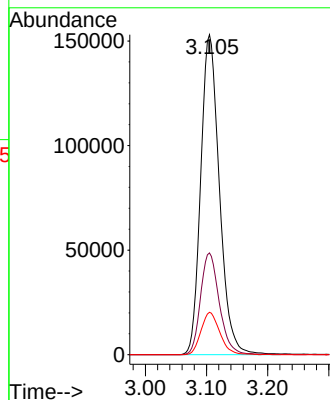
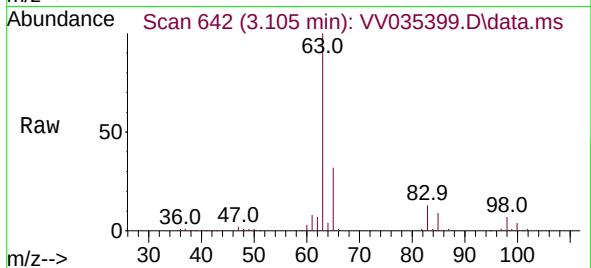
Tgt Ion: 63 Resp: 325095

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.6

83 13.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 49.228 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

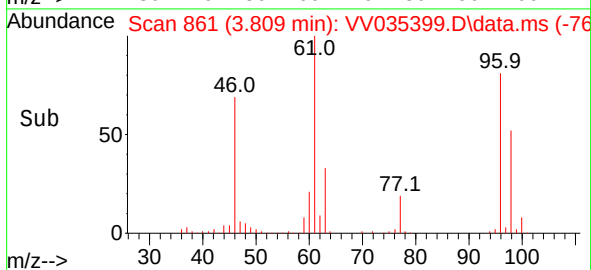
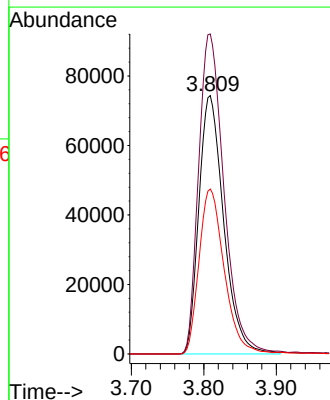
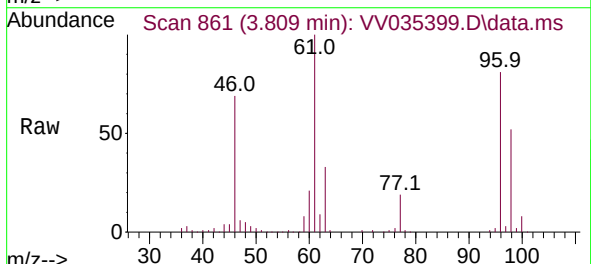
Tgt Ion: 96 Resp: 176780

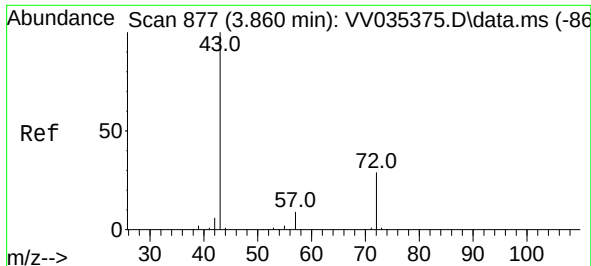
Ion Ratio Lower Upper

96 100

61 123.9 94.9 176.3

98 63.8 45.6 84.8

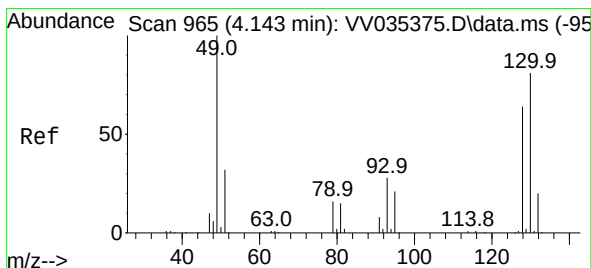
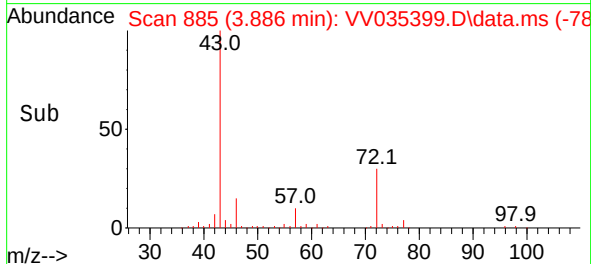
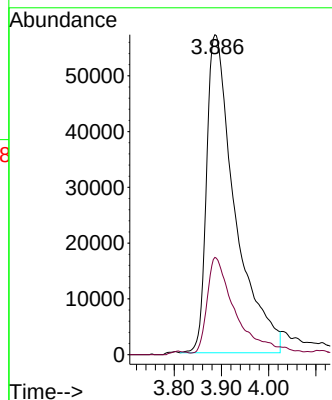
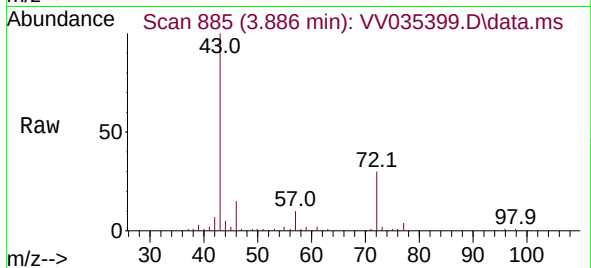




#22
2-Butanone
Concen: 89.570 ug/L
RT: 3.886 min Scan# 885
Delta R.T. 0.026 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

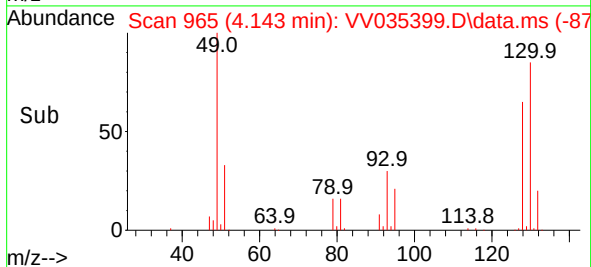
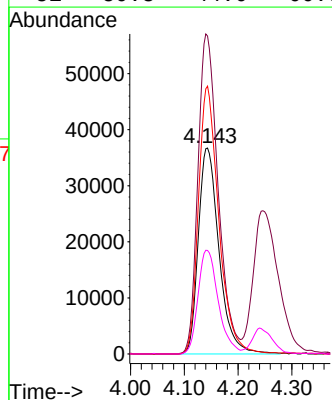
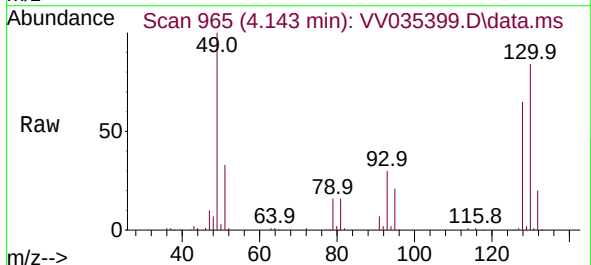
Instrument :
MSVOA_V
ClientSampleId :

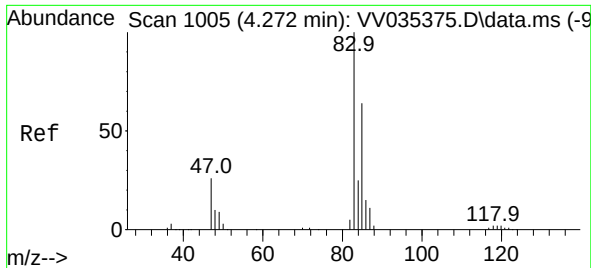
Tgt Ion: 43 Resp: 238201
Ion Ratio Lower Upper
43 100
72 28.6 13.2 39.6



#23
Bromochloromethane
Concen: 54.614 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion:128 Resp: 98124
Ion Ratio Lower Upper
128 100
49 154.4 123.8 229.8
130 130.0 93.2 173.0
51 50.3 44.0 66.0

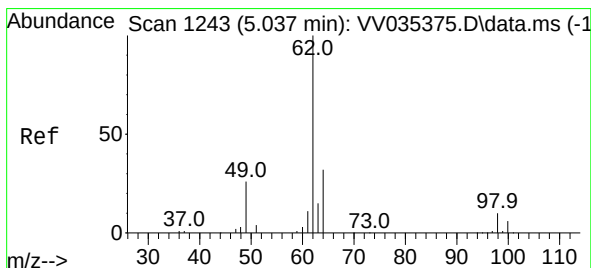
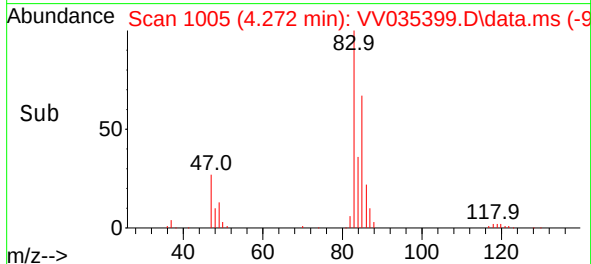
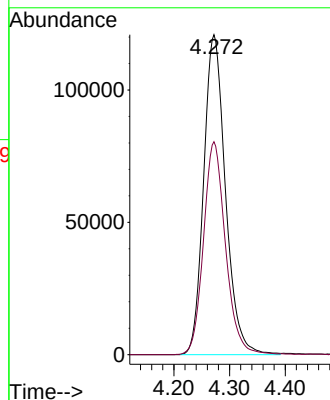
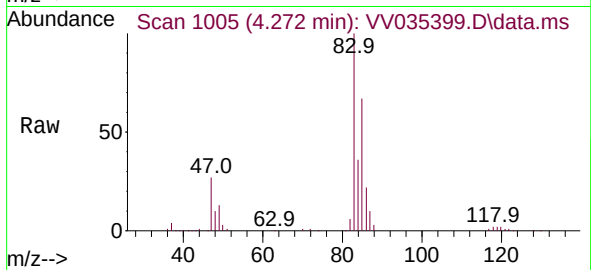




#25
Chloroform
Concen: 51.349 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

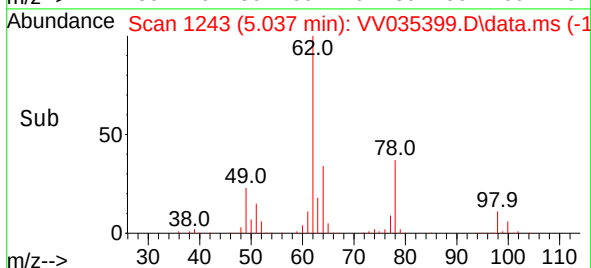
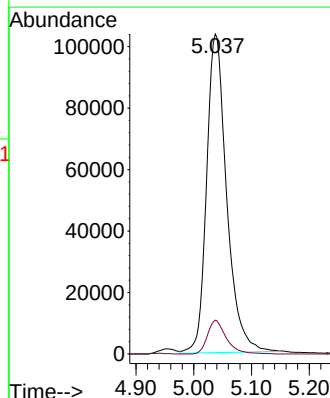
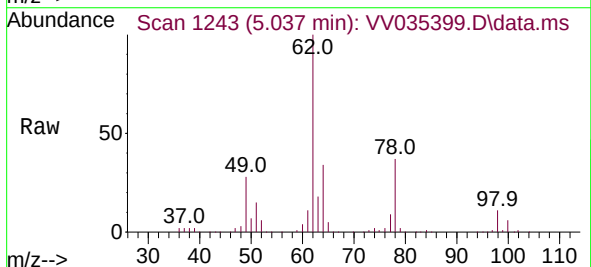
Instrument :
MSVOA_V
ClientSampleId :

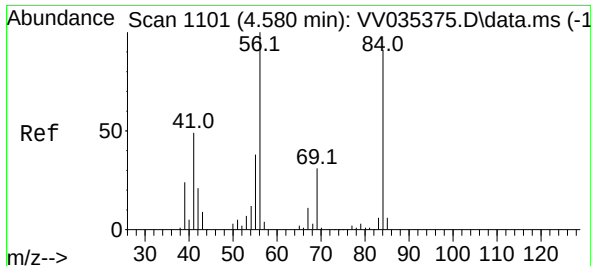
Tgt Ion: 83 Resp: 329232
Ion Ratio Lower Upper
83 100
85 66.5 46.0 85.4



#27
1,2-Dichloroethane
Concen: 49.061 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion: 62 Resp: 250453
Ion Ratio Lower Upper
62 100
98 10.6 7.2 10.8





#29

Cyclohexane

Concen: 43.147 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

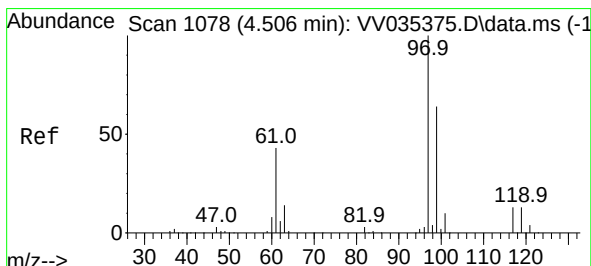
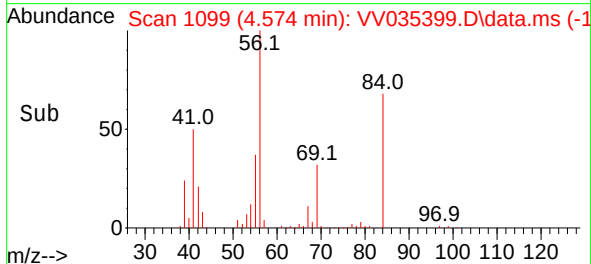
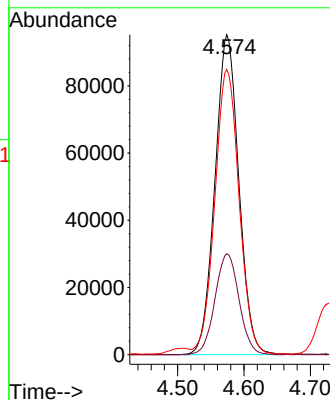
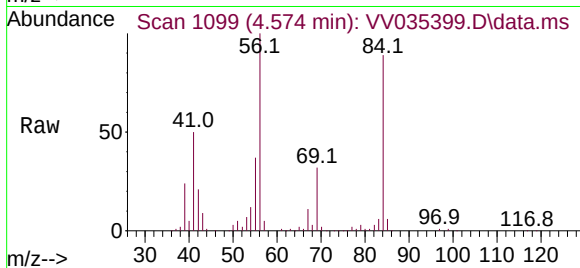
Tgt Ion: 56 Resp: 238310

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

84 90.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 48.521 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

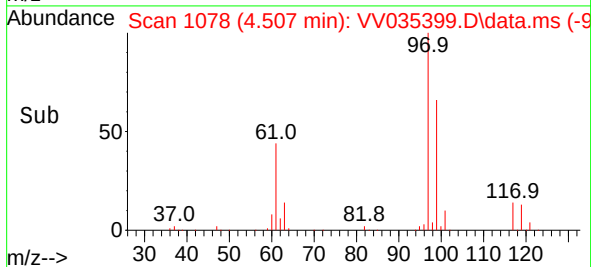
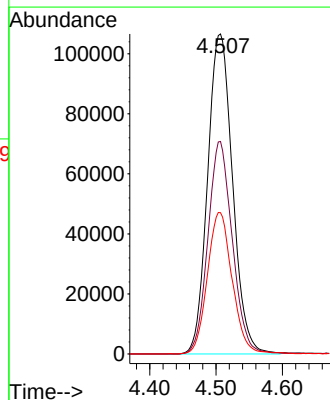
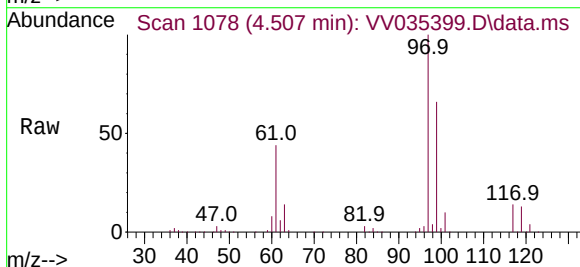
Tgt Ion: 97 Resp: 278908

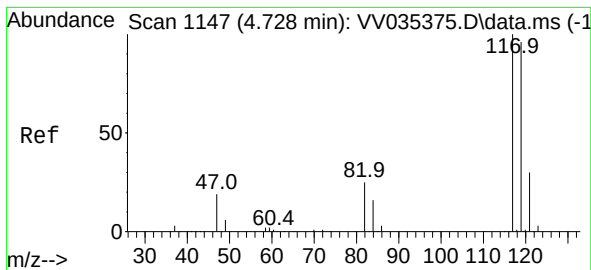
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 43.9 36.8 55.2





#31

Carbon tetrachloride

Concen: 49.285 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

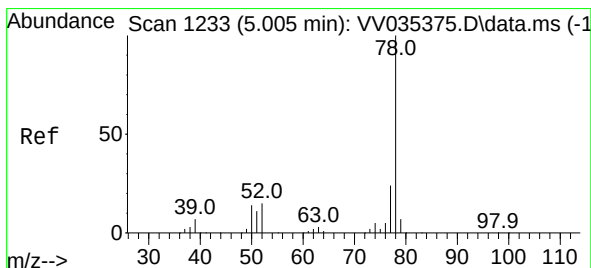
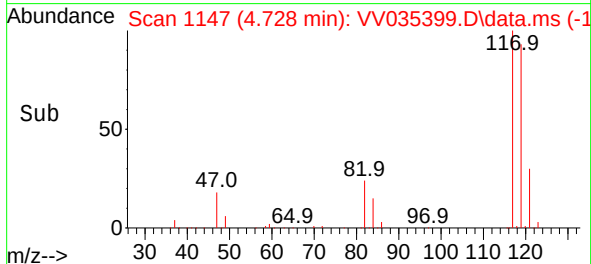
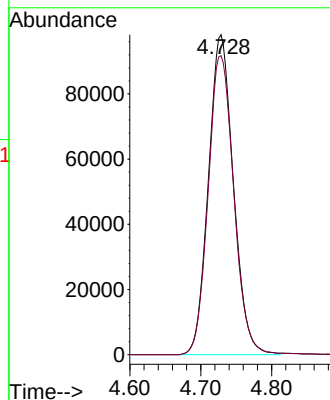
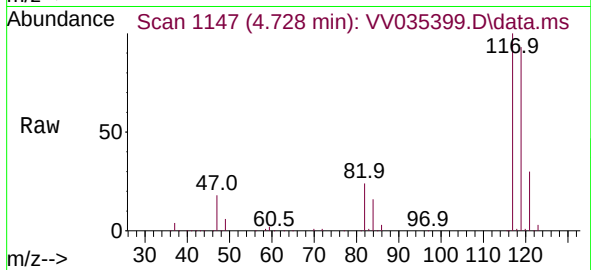
ClientSampleId :

Tgt Ion:117 Resp: 240121

Ion Ratio Lower Upper

117 100

119 95.8 77.1 115.7



#33

Benzene

Concen: 47.757 ug/L

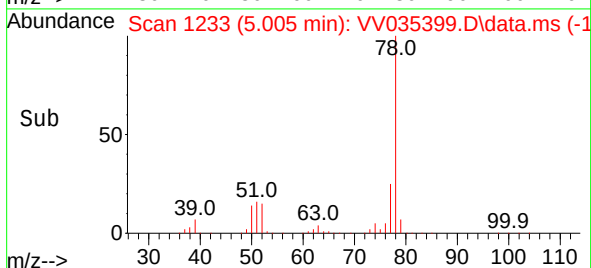
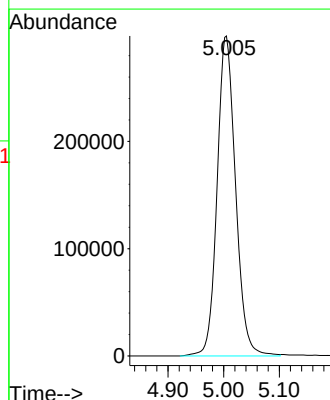
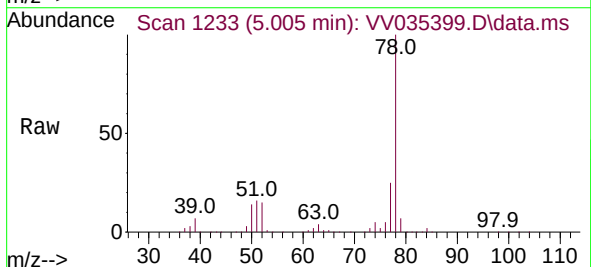
RT: 5.005 min Scan# 1233

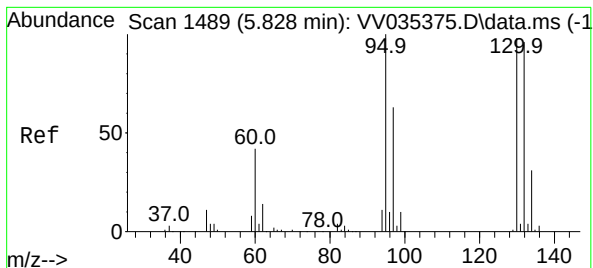
Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Tgt Ion: 78 Resp: 686737





#34

Trichloroethene

Concen: 44.885 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 174190

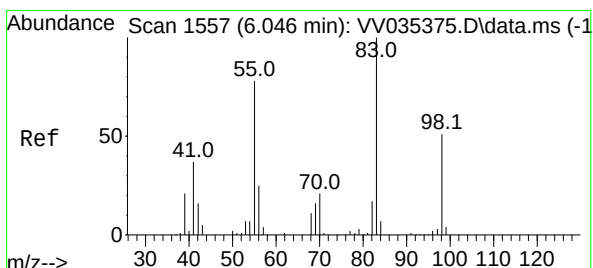
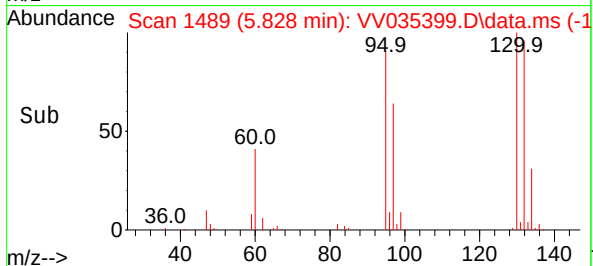
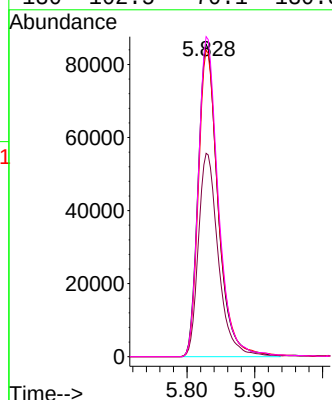
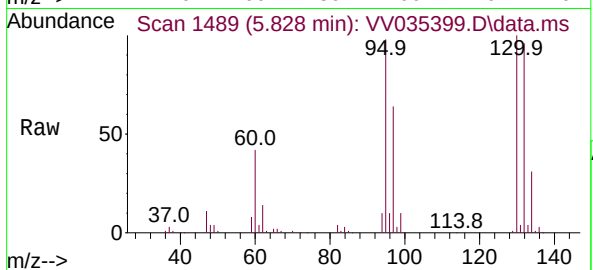
Ion Ratio Lower Upper

95 100

97 65.1 45.3 84.1

132 98.2 65.3 121.3

130 102.5 70.1 130.3



#35

Methylcyclohexane

Concen: 44.578 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

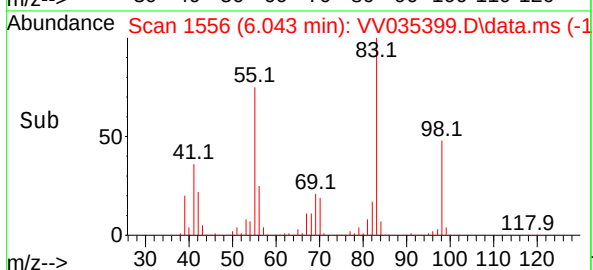
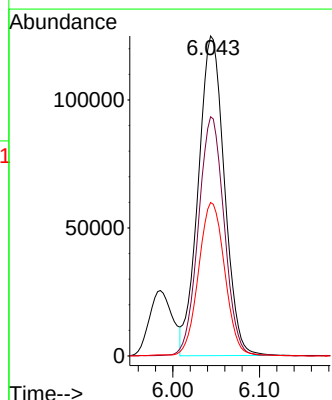
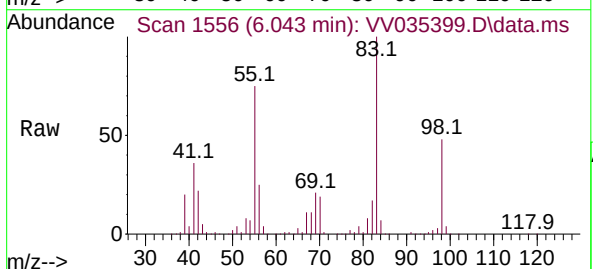
Tgt Ion: 83 Resp: 261271

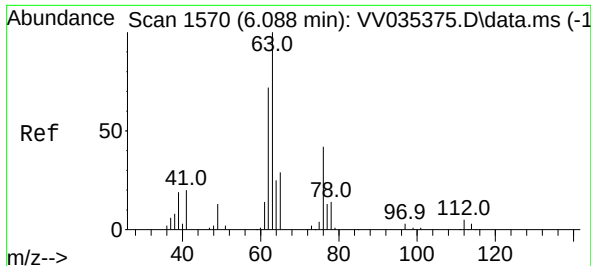
Ion Ratio Lower Upper

83 100

55 73.8 60.0 90.0

98 48.5 37.6 56.4





#37

1,2-Dichloropropane

Concen: 48.461 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

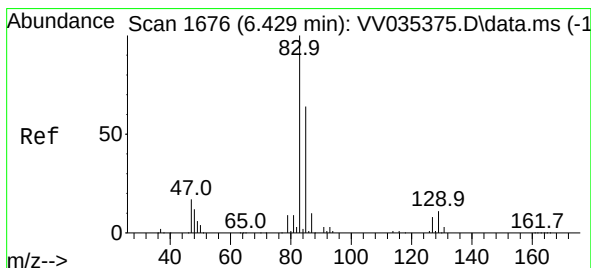
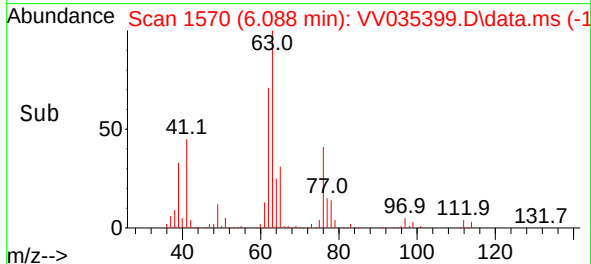
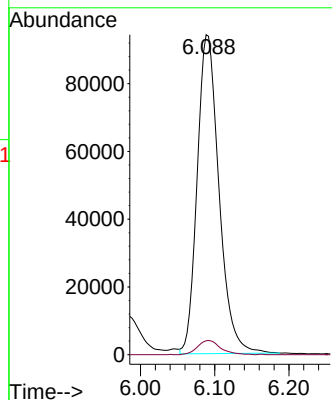
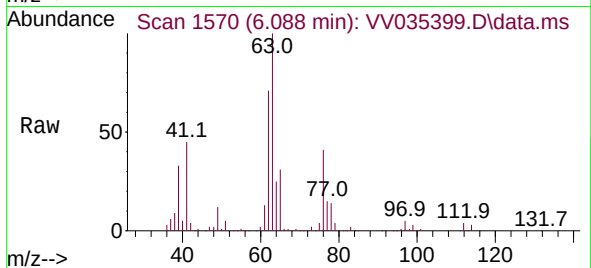
ClientSampleId :

Tgt Ion: 63 Resp: 192579

Ion Ratio Lower Upper

63 100

112 4.7 3.3 4.9



#38

Bromodichloromethane

Concen: 49.229 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

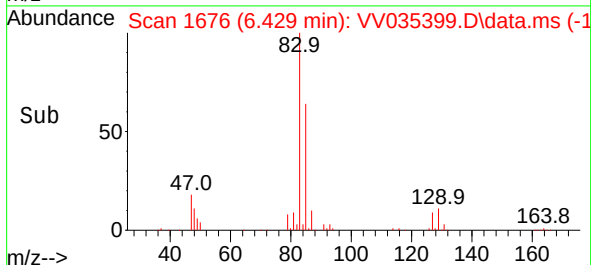
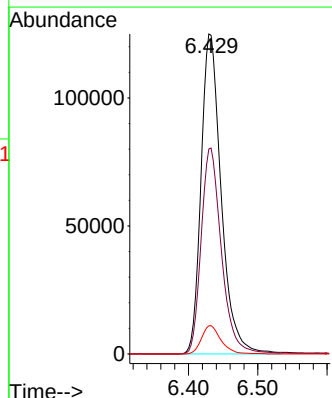
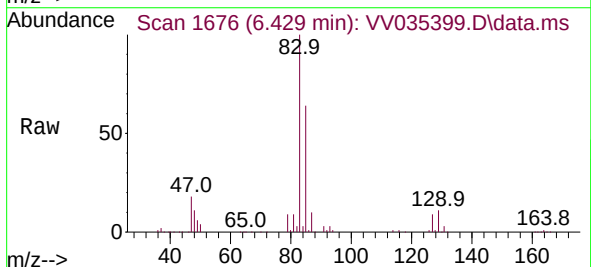
Tgt Ion: 83 Resp: 252411

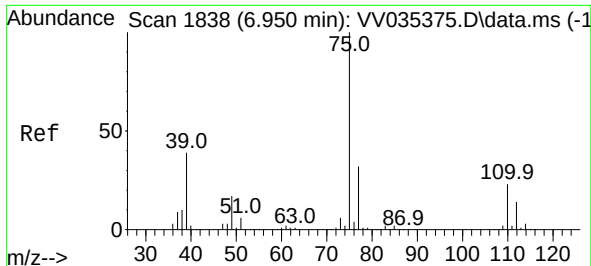
Ion Ratio Lower Upper

83 100

85 64.1 43.7 81.1

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 46.999 ug/L

RT: 6.953 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

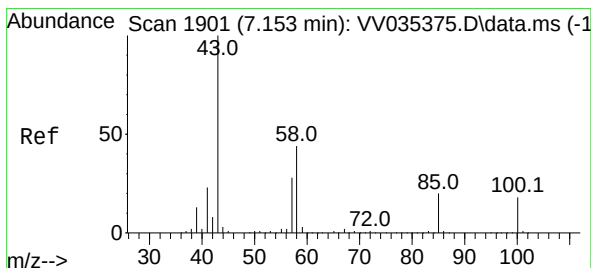
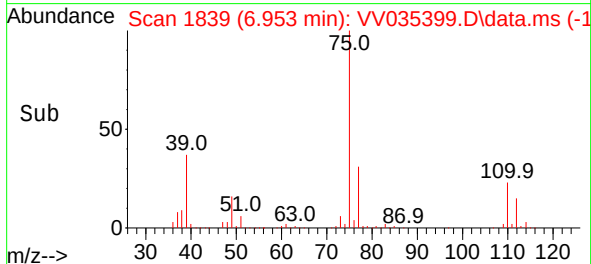
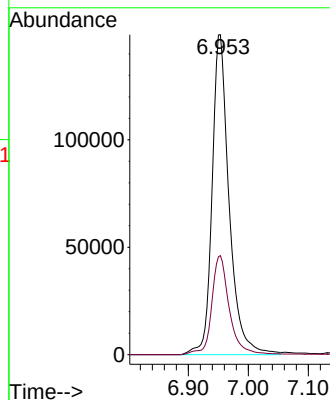
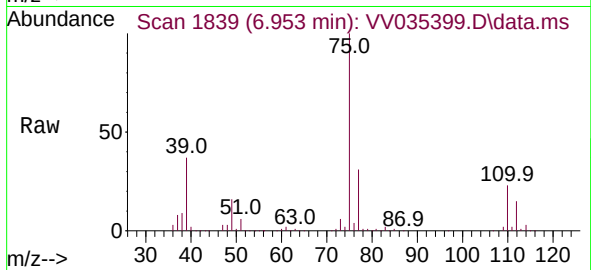
ClientSampleId :

Tgt Ion: 75 Resp: 294222

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 93.116 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.010 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

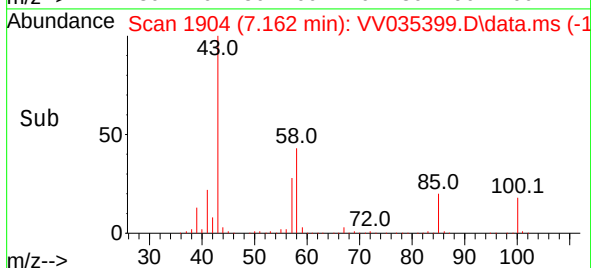
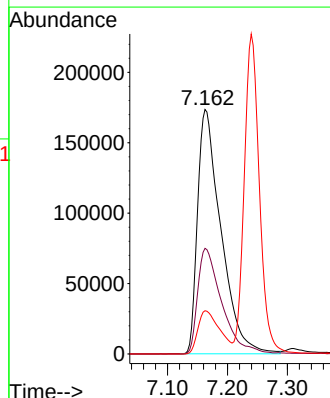
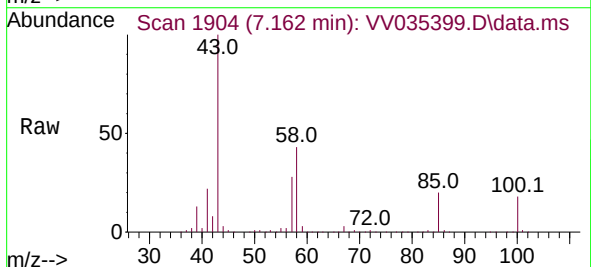
Tgt Ion: 43 Resp: 472446

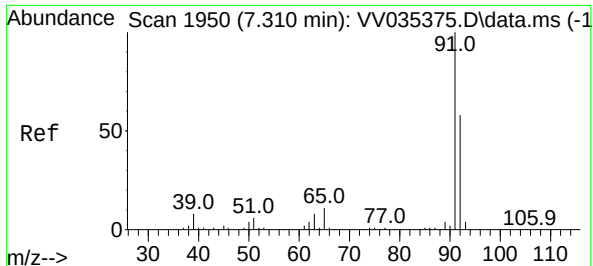
Ion Ratio Lower Upper

43 100

58 44.2 33.8 50.8

100 16.4 13.0 19.4





#42

Toluene

Concen: 48.653 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

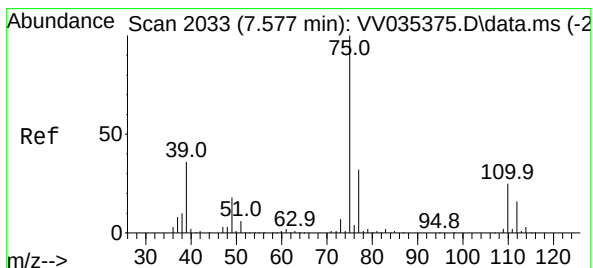
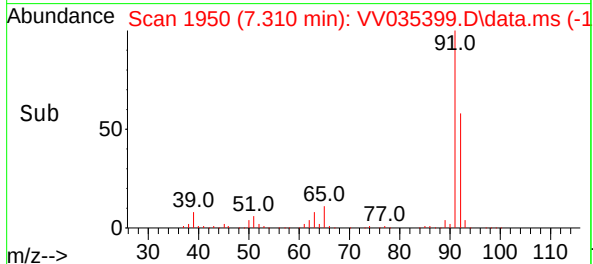
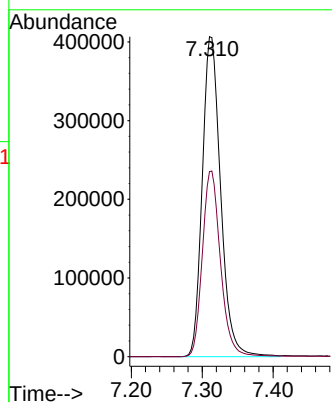
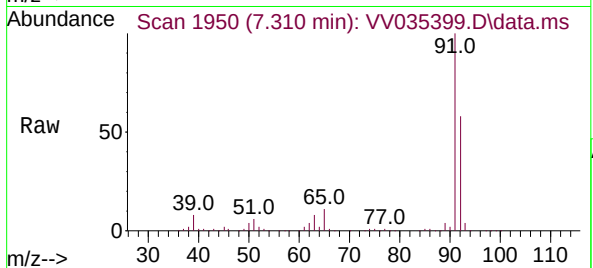
ClientSampleId :

Tgt Ion: 91 Resp: 732465

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 47.788 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035399.D

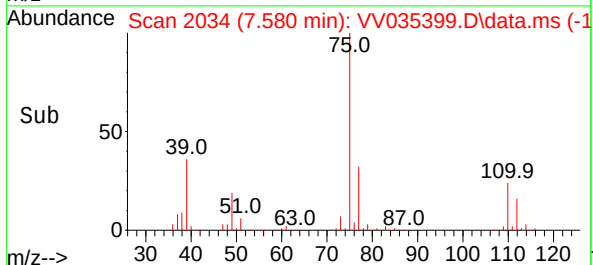
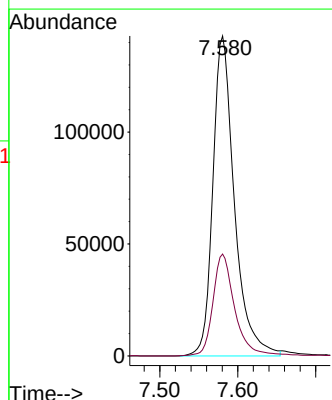
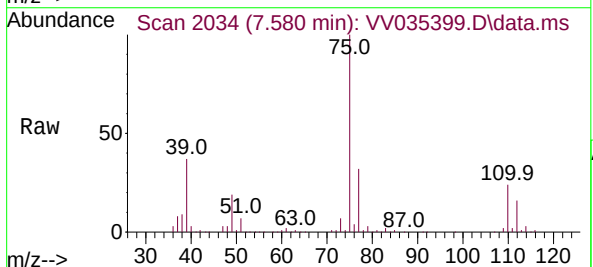
Acq: 24 Apr 2024 20:15

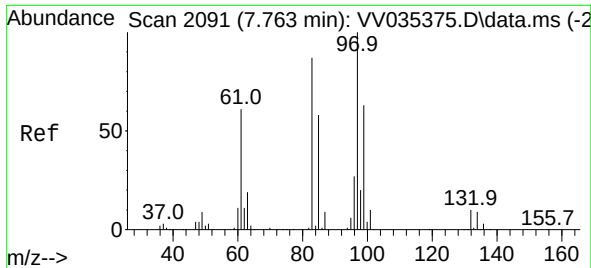
Tgt Ion: 75 Resp: 274847

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 51.978 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 194687

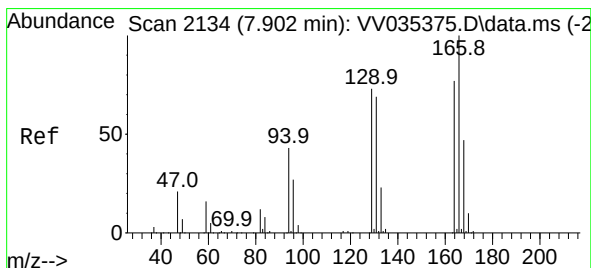
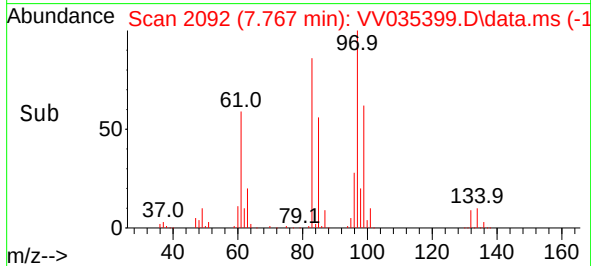
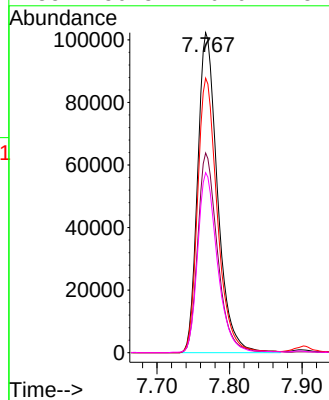
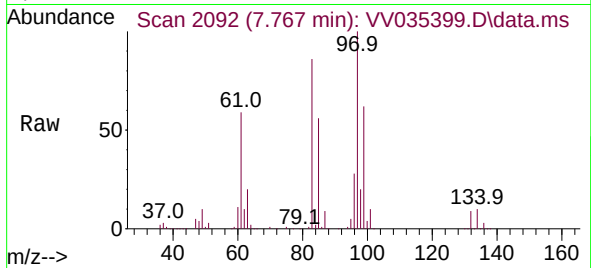
Ion Ratio Lower Upper

97 100

99 62.4 43.3 80.3

83 85.8 61.6 114.4

85 56.3 40.6 75.4



#46

Tetrachloroethene

Concen: 50.627 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Tgt Ion:164 Resp: 137263

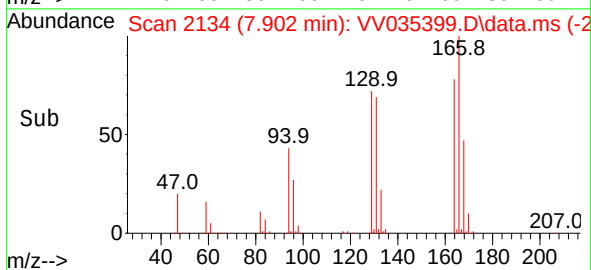
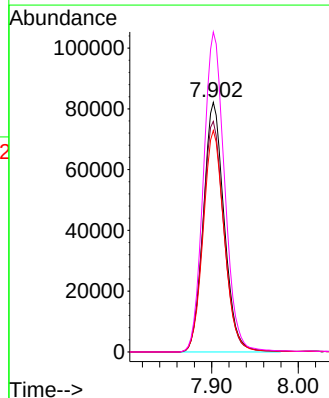
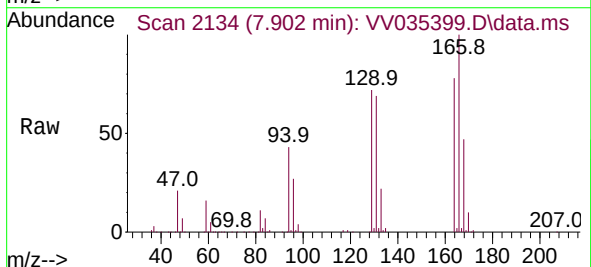
Ion Ratio Lower Upper

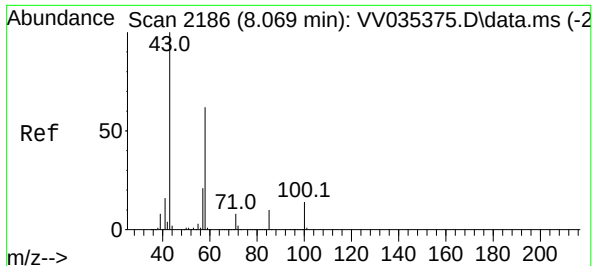
164 100

129 92.4 68.6 127.4

131 88.7 65.7 122.1

166 128.2 89.0 165.2





#48

2-Hexanone

Concen: 90.011 ug/L

RT: 8.088 min Scan# 21

Delta R.T. 0.020 min

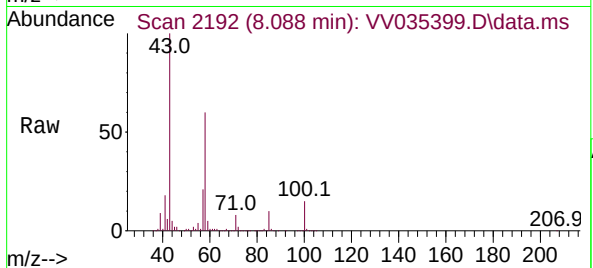
Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

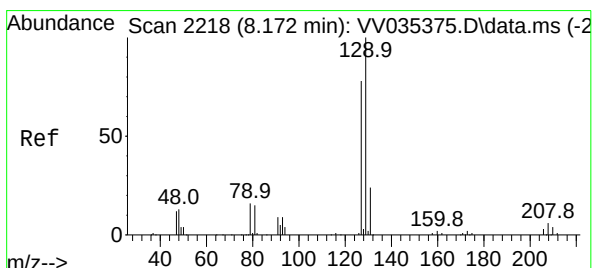
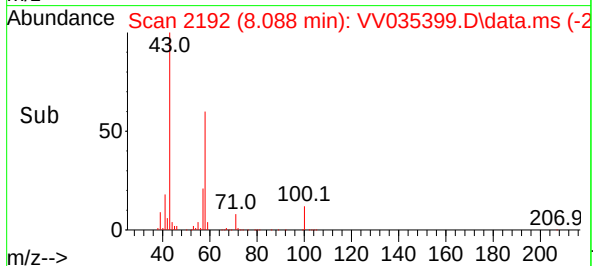
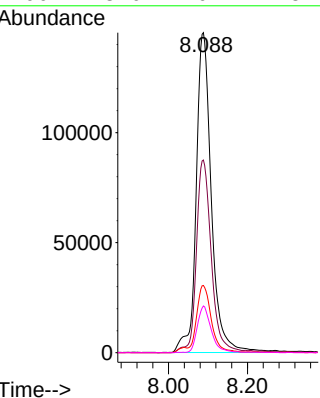
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 388425

Ion	Ratio	Lower	Upper
43	100		
58	59.0	45.4	68.2
57	19.8	16.2	24.4
100	13.0	10.1	15.1



#49

Dibromochloromethane

Concen: 54.568 ug/L

RT: 8.175 min Scan# 2219

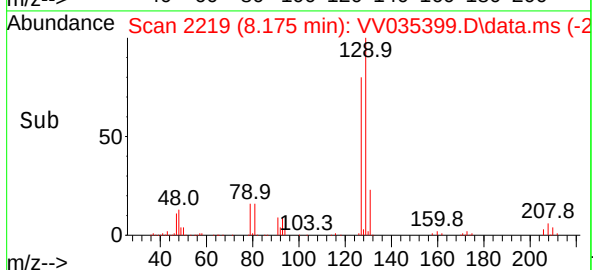
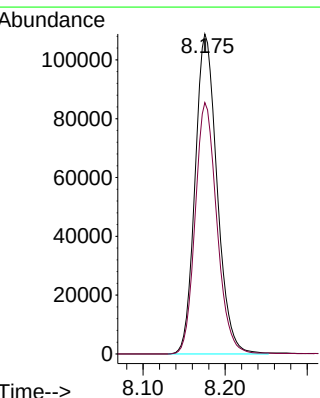
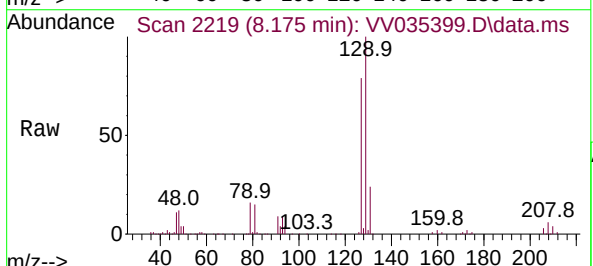
Delta R.T. 0.003 min

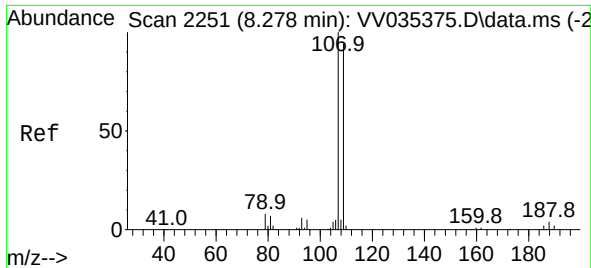
Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Tgt Ion:129 Resp: 202431

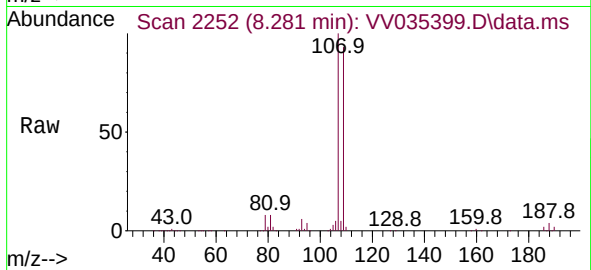
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.1	100.5



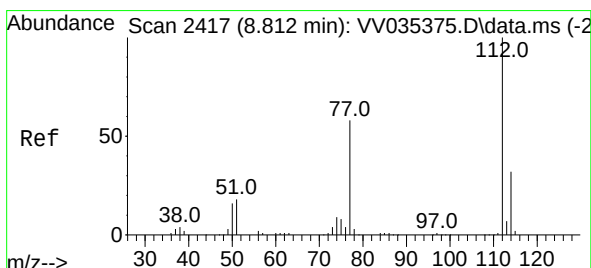
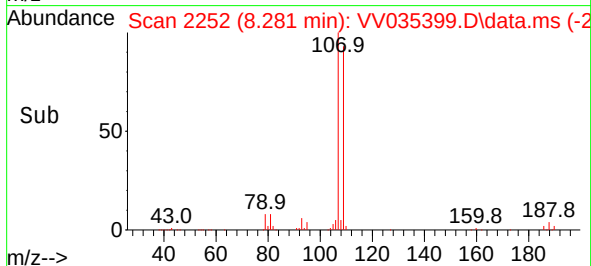
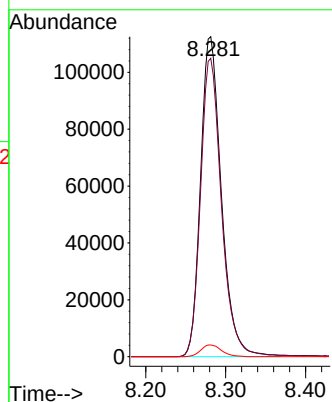


#50
1,2-Dibromoethane
Concen: 50.611 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

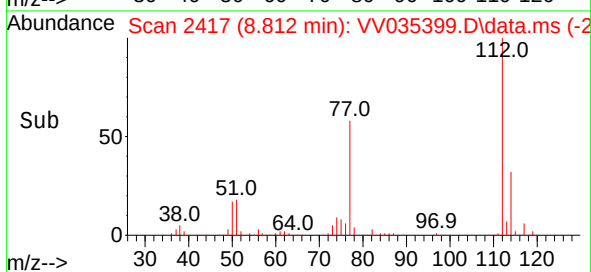
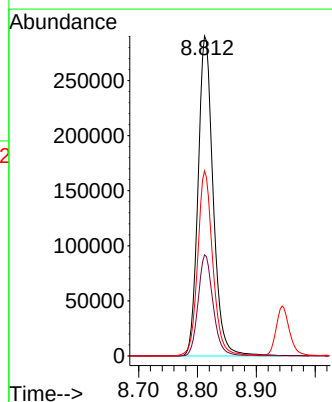
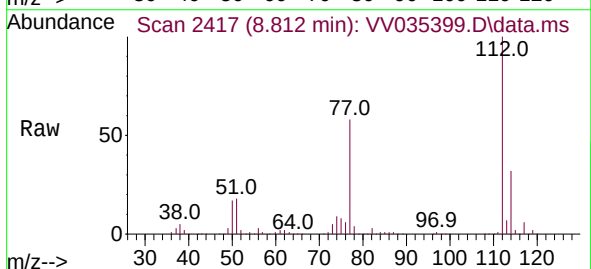


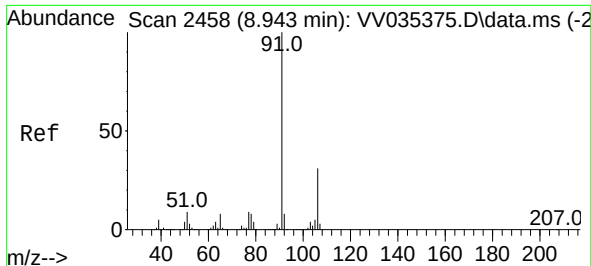
Tgt Ion:107 Resp: 204090
Ion Ratio Lower Upper
107 100
109 93.3 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 53.112 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion:112 Resp: 518234
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 57.9 47.4 71.2





#52

Ethylbenzene

Concen: 48.150 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

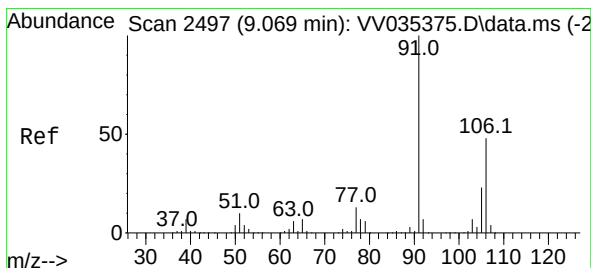
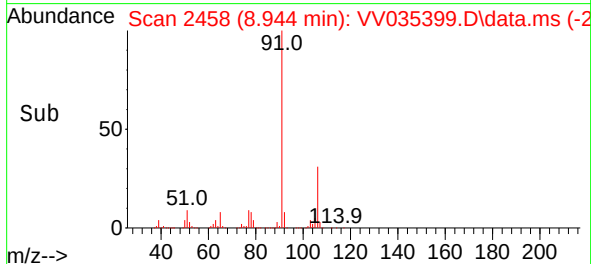
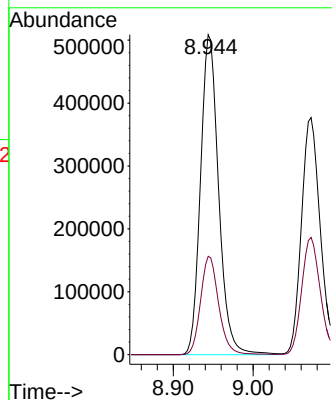
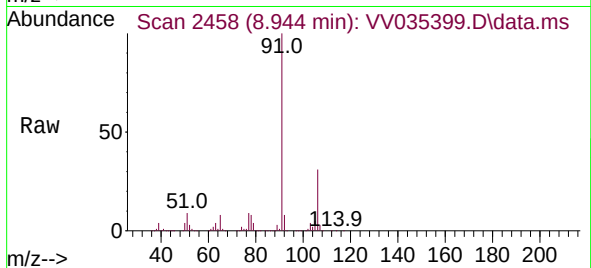
ClientSampleId :

Tgt Ion: 91 Resp: 803379

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 49.463 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035399.D

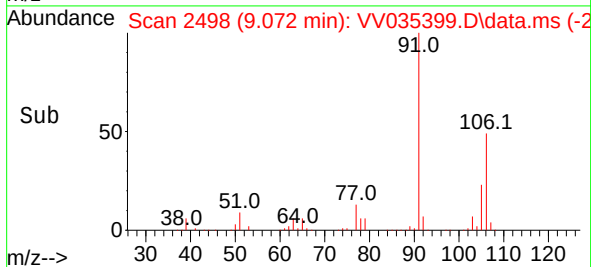
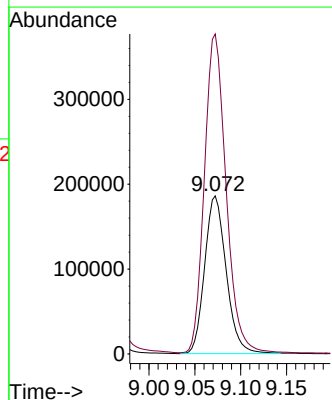
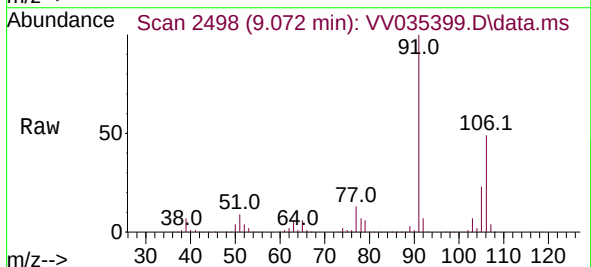
Acq: 24 Apr 2024 20:15

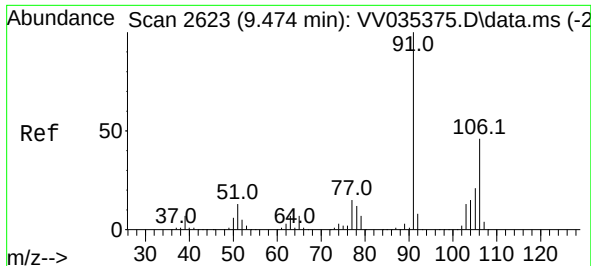
Tgt Ion:106 Resp: 303924

Ion Ratio Lower Upper

106 100

91 202.3 144.8 269.0





#54

o-Xylene

Concen: 48.883 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

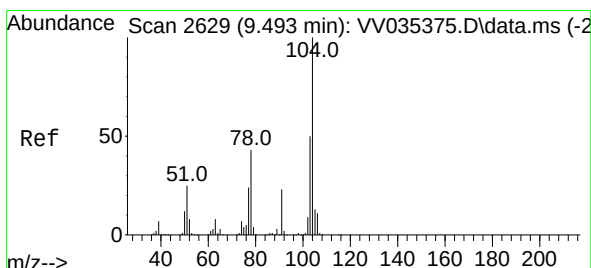
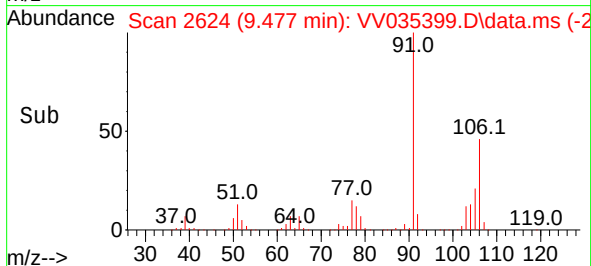
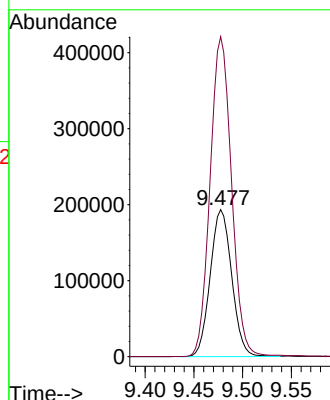
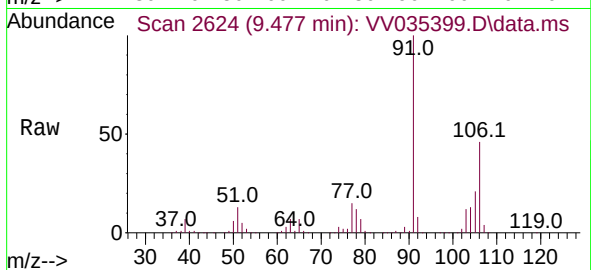
ClientSampleId :

Tgt Ion:106 Resp: 297192

Ion Ratio Lower Upper

106 100

91 217.6 151.3 280.9



#55

Styrene

Concen: 50.773 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV035399.D

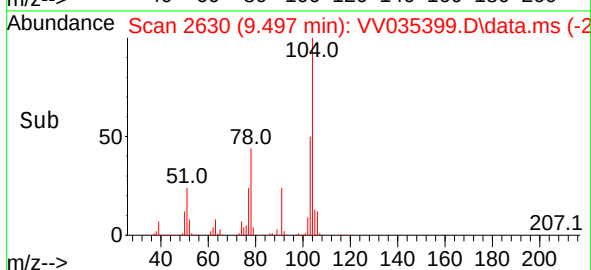
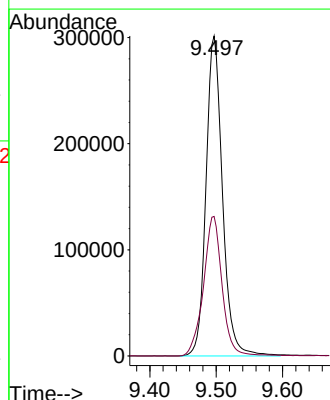
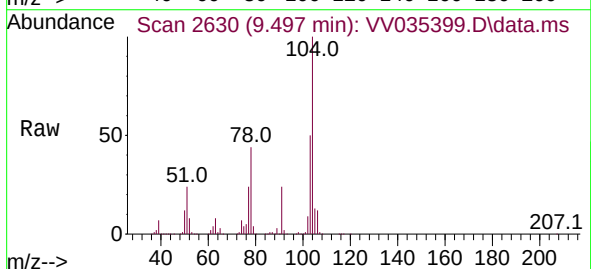
Acq: 24 Apr 2024 20:15

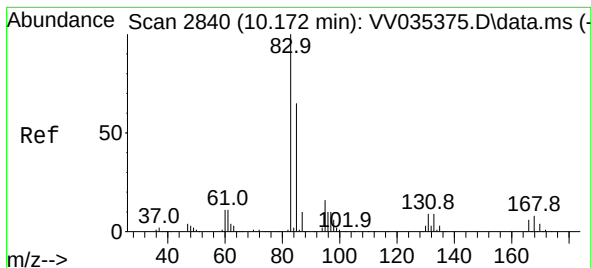
Tgt Ion:104 Resp: 521636

Ion Ratio Lower Upper

104 100

78 43.6 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 51.297 ug/L

RT: 10.178 min Scan# 2840

Delta R.T. 0.007 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

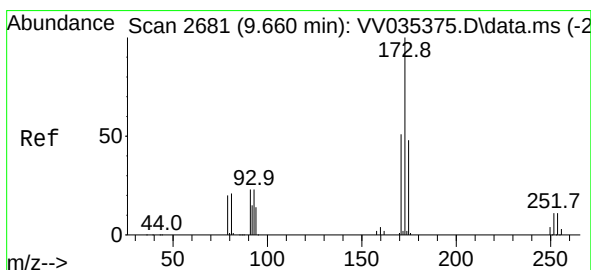
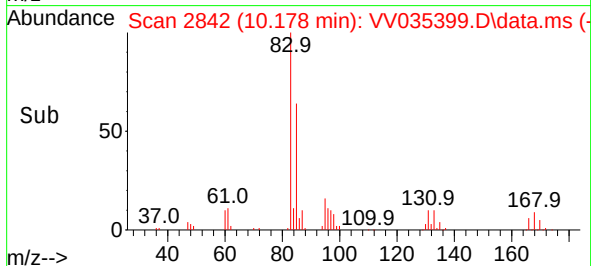
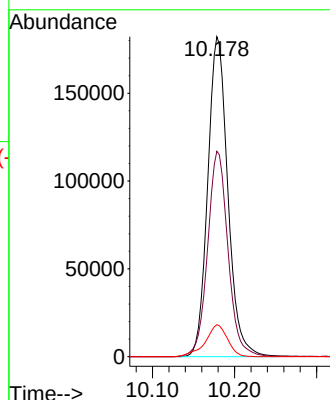
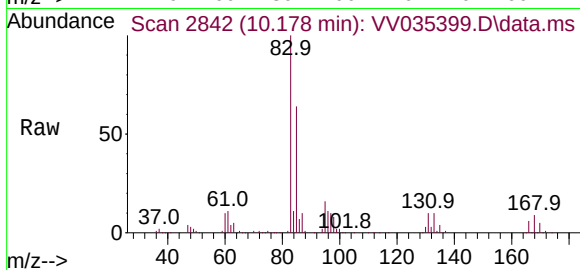
Tgt Ion: 83 Resp: 311309

Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

131 10.0 6.9 10.3



#59

Bromoform

Concen: 63.481 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.007 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

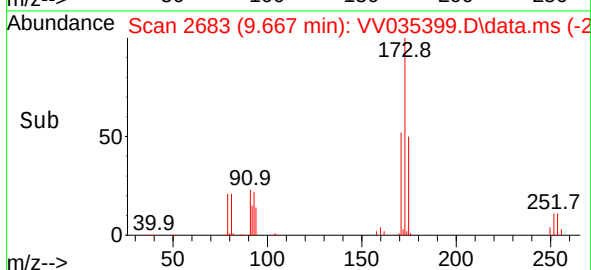
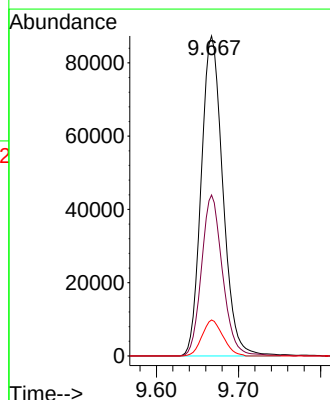
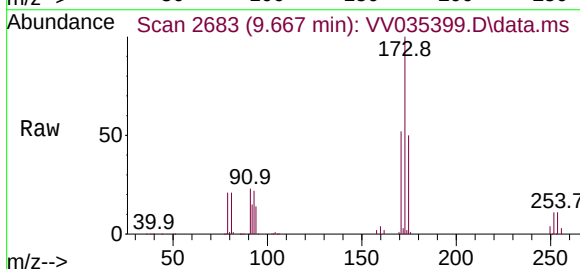
Tgt Ion: 173 Resp: 159684

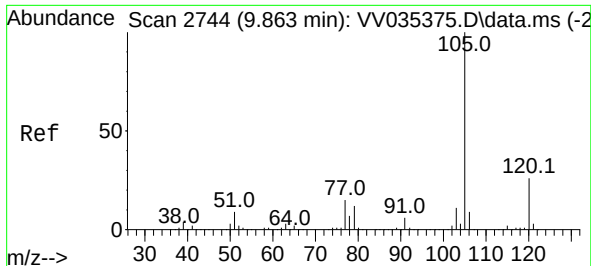
Ion Ratio Lower Upper

173 100

175 49.0 39.3 58.9

254 10.9 7.5 11.3

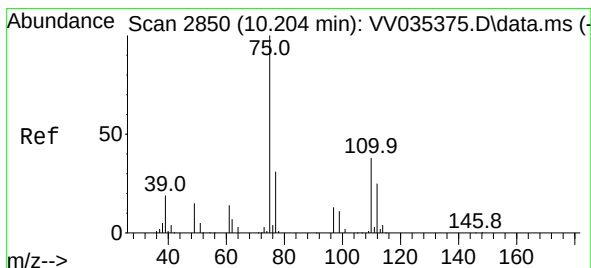
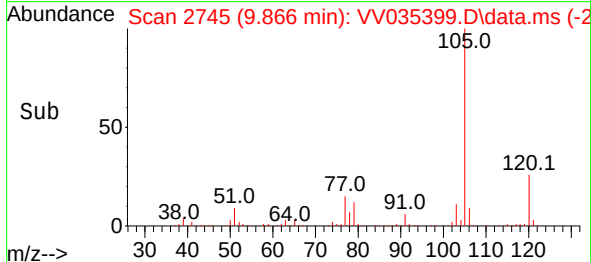
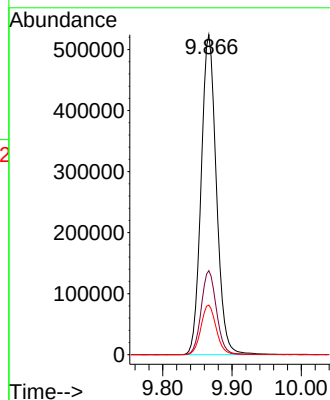
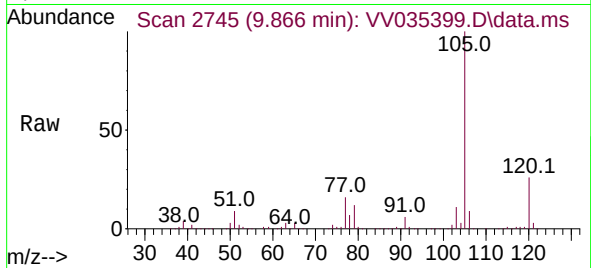




#60
Isopropylbenzene
Concen: 50.633 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

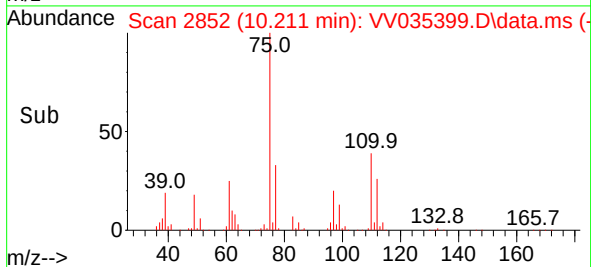
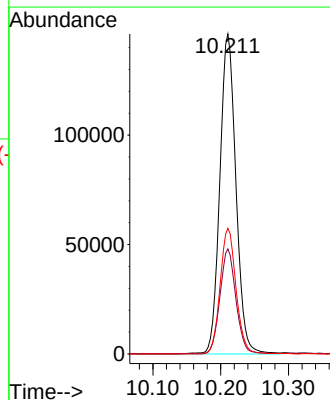
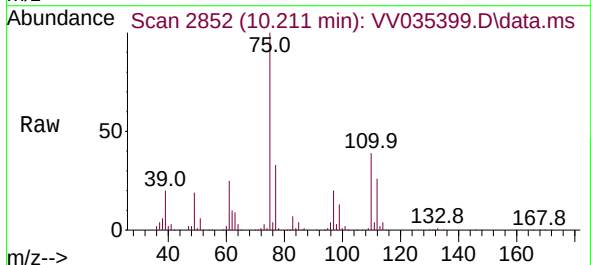
Instrument :
MSVOA_V
ClientSampleId :

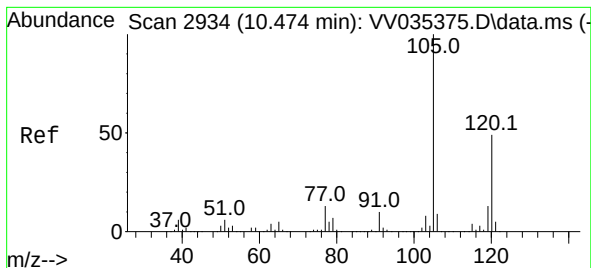
Tgt Ion:105 Resp: 801232
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.679 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.007 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion: 75 Resp: 241054
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 38.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 61.563 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

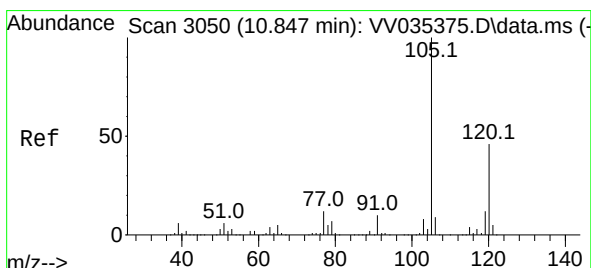
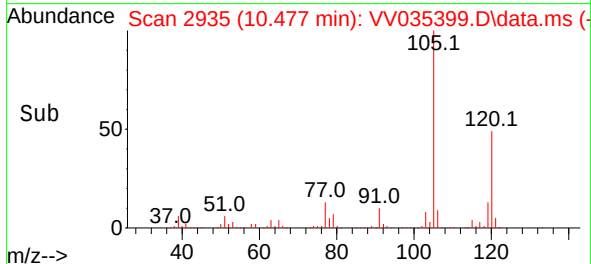
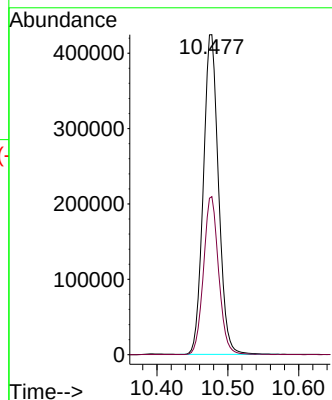
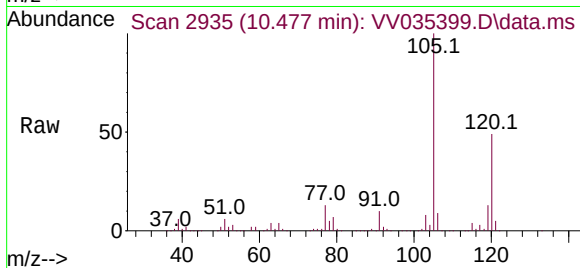
ClientSampleId :

Tgt Ion:105 Resp: 632697

Ion Ratio Lower Upper

105 100

120 49.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 49.184 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035399.D

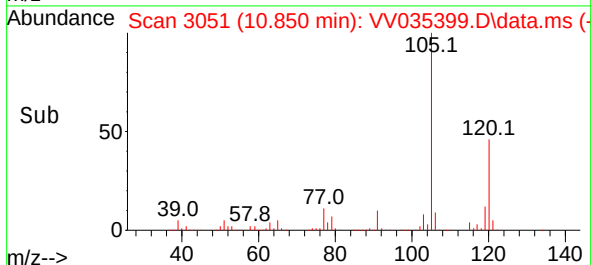
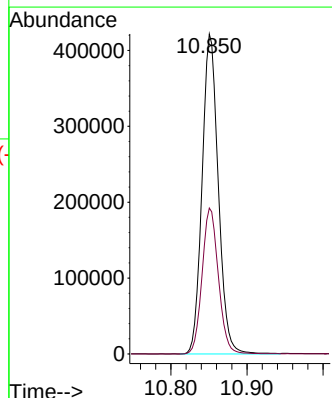
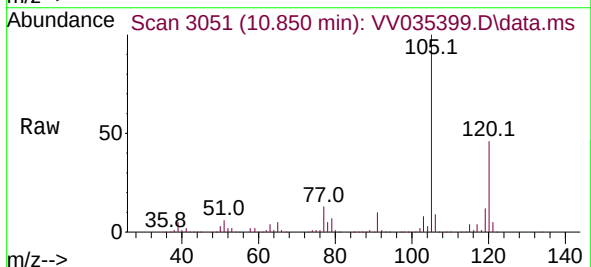
Acq: 24 Apr 2024 20:15

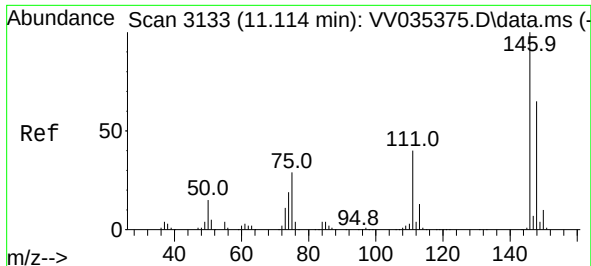
Tgt Ion:105 Resp: 624951

Ion Ratio Lower Upper

105 100

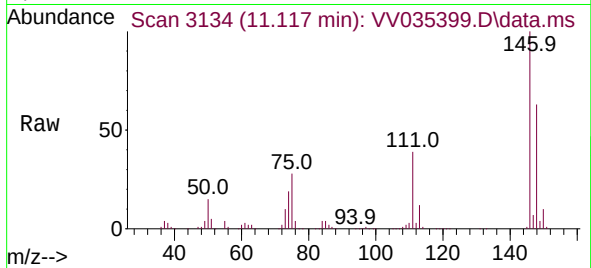
120 45.8 35.9 53.9



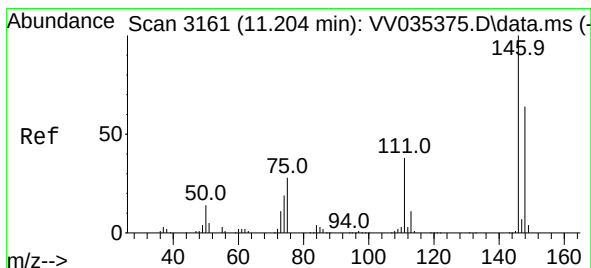
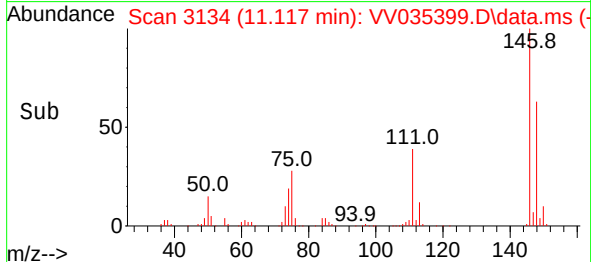
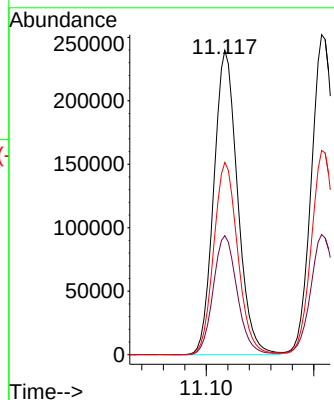


#64
1,3-Dichlorobenzene
Concen: 49.854 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :

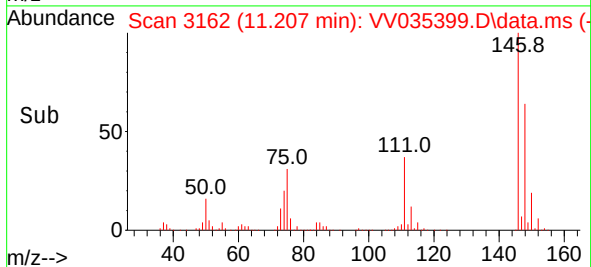
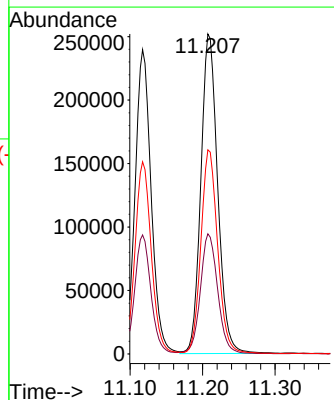
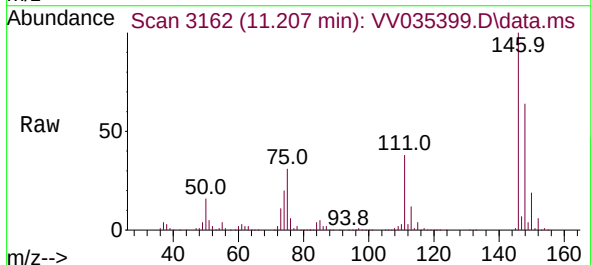


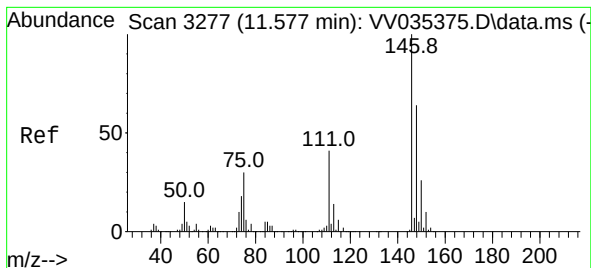
Tgt Ion:146 Resp: 368672
Ion Ratio Lower Upper
146 100
111 39.1 28.7 53.3
148 63.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 54.003 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035399.D
Acq: 24 Apr 2024 20:15

Tgt Ion:146 Resp: 406113
Ion Ratio Lower Upper
146 100
111 37.5 27.4 50.8
148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 54.535 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

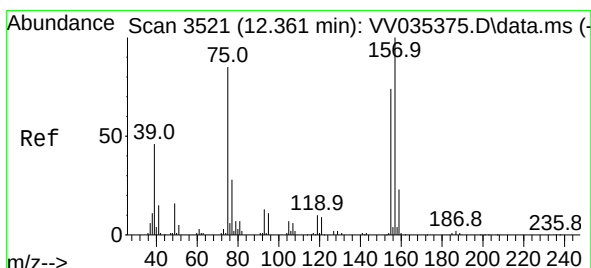
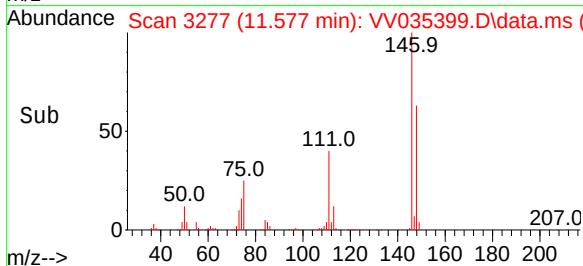
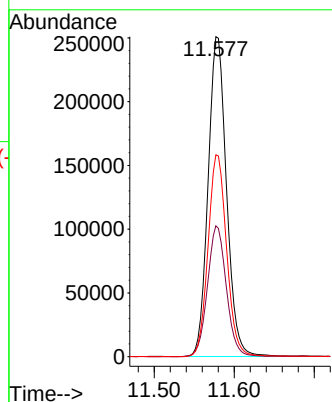
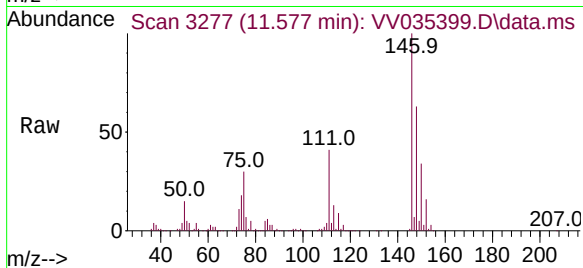
Tgt Ion:146 Resp: 401750

Ion Ratio Lower Upper

146 100

111 40.9 34.6 52.0

148 63.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.103 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

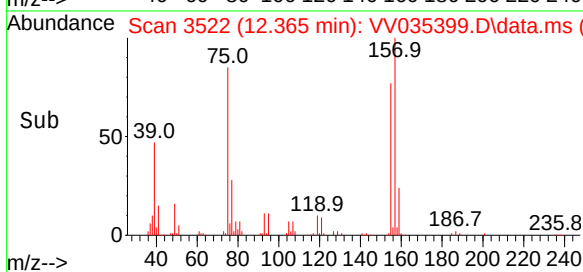
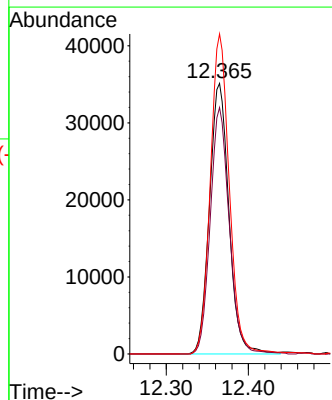
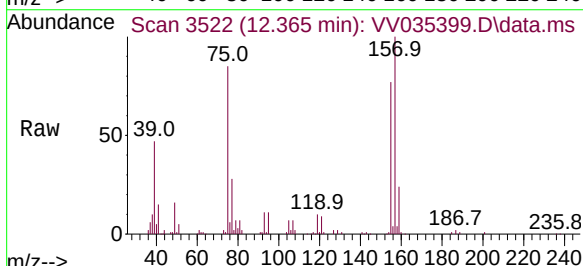
Tgt Ion: 75 Resp: 57794

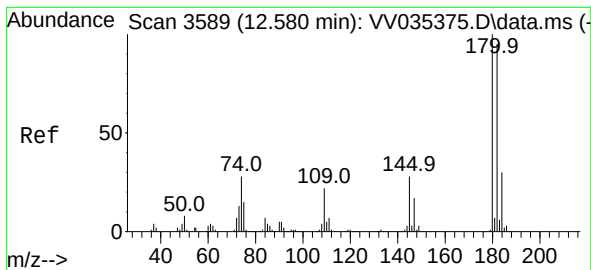
Ion Ratio Lower Upper

75 100

155 91.1 63.0 94.6

157 118.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 46.540 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 248041

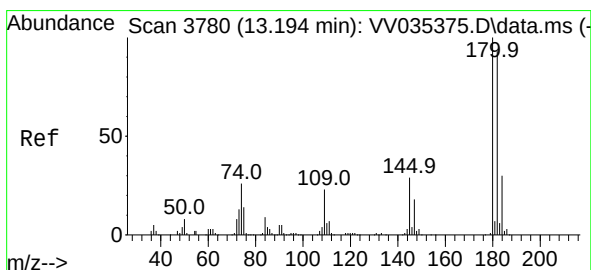
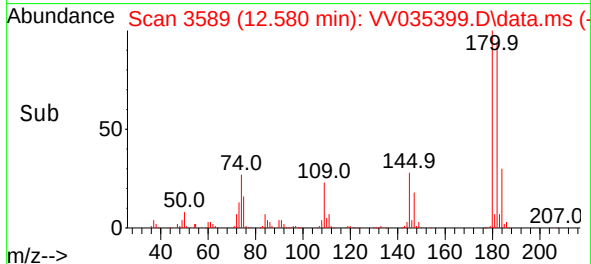
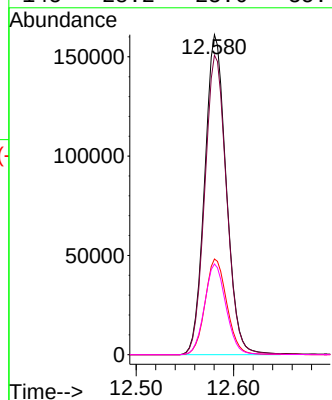
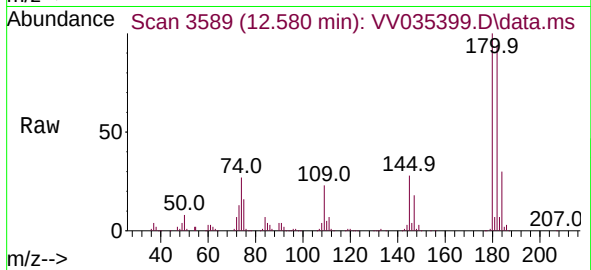
Ion Ratio Lower Upper

180 100

182 94.7 74.7 112.1

184 30.0 24.0 36.0

145 28.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 42.272 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

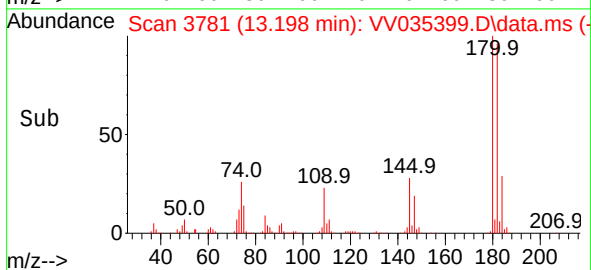
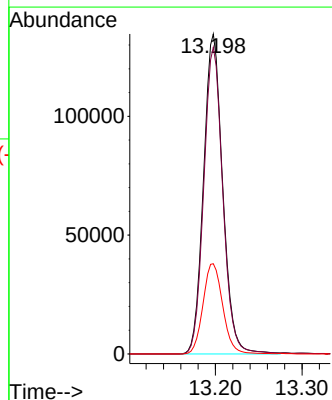
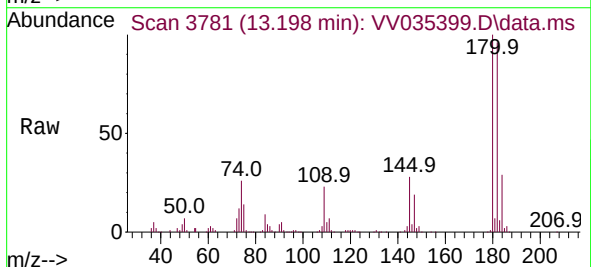
Tgt Ion:180 Resp: 206949

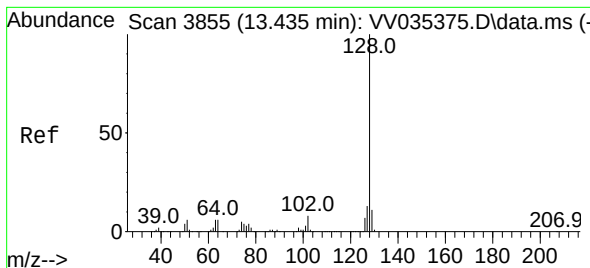
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

145 29.0 24.1 36.1





#71

Naphthalene

Concen: 32.534 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Instrument :

MSVOA_V

ClientSampleId :

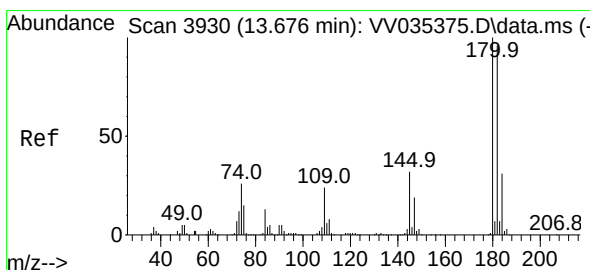
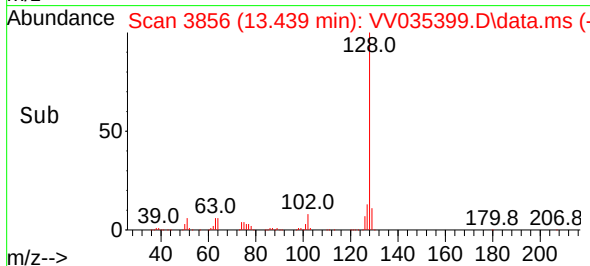
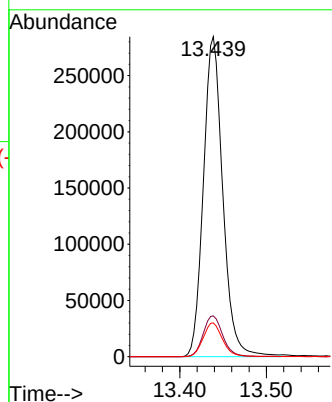
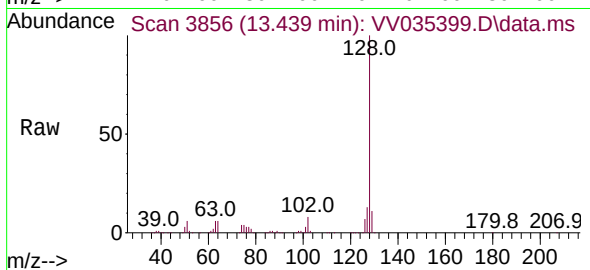
Tgt Ion:128 Resp: 441893

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 42.223 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035399.D

Acq: 24 Apr 2024 20:15

Tgt Ion:180 Resp: 203758

Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 30.8 25.8 38.6

