

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023217.D
 Acq On : 04 Nov 2021 21:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 02:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:45:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136209	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44217	5.182	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.600%		
7) Chloroethane-d5	1.568	69	37570	5.402	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.000%		
11) 1,1-Dichloroethene-d2	2.111	63	83156	5.206	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.200%		
20) 2-Butanone-d5	3.899	46	100570	78.009	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 156.020%#		
24) Chloroform-d	4.352	84	95599	5.257	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
26) 1,2-Dichloroethane-d4	5.034	65	44457	5.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.800%		
32) Benzene-d6	5.053	84	183836	5.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	6.072	67	53623	5.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.316	98	177148	5.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.000%		
43) trans-1,3-Dichloroprop...	7.625	79	20513	5.345	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.000%		
46) 2-Hexanone-d5	8.088	63	81121	57.454	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 114.900%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38669	5.313	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	65854	5.201	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	66633	5.017	ug/L	100
3) Chloromethane	1.240	50	59112	5.235	ug/L	99
5) Vinyl chloride	1.310	62	59420	5.269	ug/L	96
6) Bromomethane	1.523	94	36879	5.116	ug/L	100
8) Chloroethane	1.587	64	34024	5.228	ug/L	98
9) Trichlorofluoromethane	1.754	101	86049	5.078	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45035	5.279	ug/L	98
12) 1,1-Dichloroethene	2.121	96	42509	5.233	ug/L	95
13) Acetone	2.185	43	58589	61.475	ug/L	79
14) Carbon disulfide	2.297	76	148741	4.853	ug/L	99
15) Methyl Acetate	2.439	43	15046	4.128	ug/L #	91
16) Methylene chloride	2.510	84	52323	4.414	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	91232	5.102	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	50197	5.027	ug/L	100
19) 1,1-Dichloroethane	3.191	63	86373	5.123	ug/L	98
21) 2-Butanone	3.979	43	91724	74.531	ug/L	96
22) cis-1,2-Dichloroethene	3.911	96	49711	5.173	ug/L	96
23) Bromochloromethane	4.252	128	22729	5.129	ug/L	96
25) Chloroform	4.378	83	90772	5.051	ug/L	96

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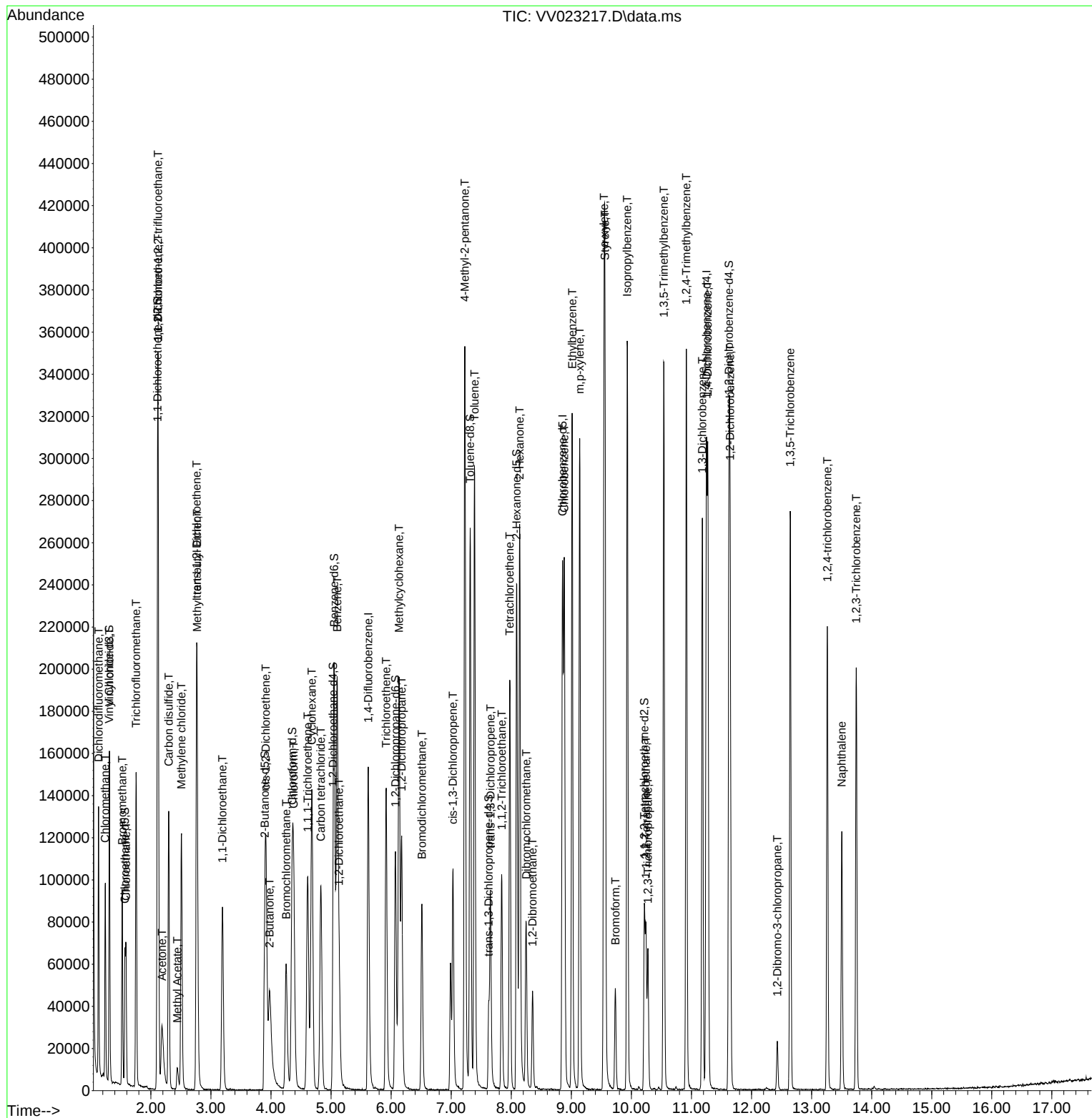
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49051	5.132	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	81668	5.018	ug/L	98
30) Cyclohexane	4.680	56	71283	4.888	ug/L	99
31) Carbon tetrachloride	4.831	117	73215	5.009	ug/L	96
33) Benzene	5.101	78	193411	5.164	ug/L	100
34) Trichloroethene	5.915	95	51907	5.212	ug/L	99
35) Methylcyclohexane	6.133	83	78945	5.022	ug/L	99
37) 1,2-Dichloropropane	6.175	63	46760	5.348	ug/L	98
38) Bromodichloromethane	6.513	83	59922	5.114	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	63276	5.032	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	231156	57.005	ug/L	98
42) Toluene	7.387	91	214154	5.346	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	53800	5.156	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	32403	5.158	ug/L	94
47) Tetrachloroethene	7.976	164	44224	5.124	ug/L	97
48) 2-Hexanone	8.140	43	165614	56.944	ug/L	98
49) Dibromochloromethane	8.249	129	41103	5.164	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29995	5.152	ug/L	100
51) Chlorobenzene	8.882	112	134360	5.046	ug/L	99
52) Ethylbenzene	9.014	91	217489	5.148	ug/L	99
53) m,p-xylene	9.140	106	87916	5.302	ug/L	100
54) o-xylene	9.545	106	81308	5.227	ug/L	99
55) Styrene	9.561	104	144764	5.433	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	35476	5.154	ug/L	99
59) Bromoform	9.734	173	21756	4.790	ug/L	99
60) Isopropylbenzene	9.931	105	223164	5.114	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	24794	4.908	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	180297	4.983	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	185088	5.140	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	110704	4.965	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	111935	4.916	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	100158	5.020	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6091	5.660	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	84693	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67197	4.807	ug/L	98
71) Naphthalene	13.503	128	96045	4.659	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60755	4.967	ug/L	98

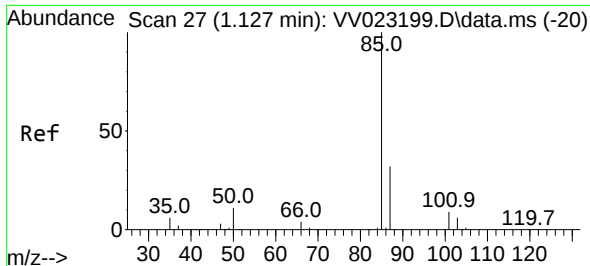
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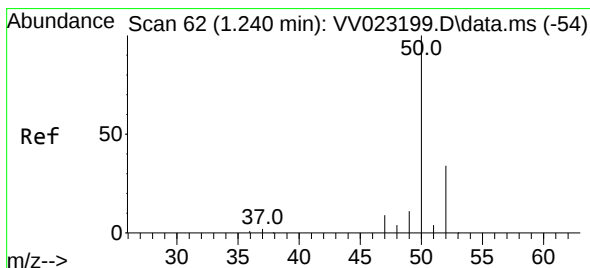
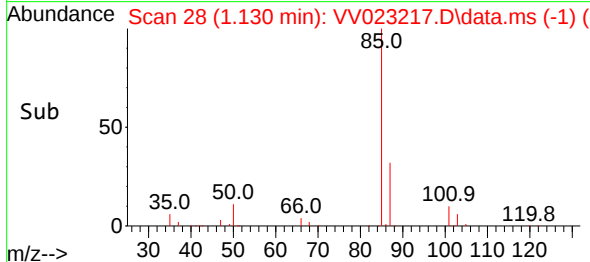
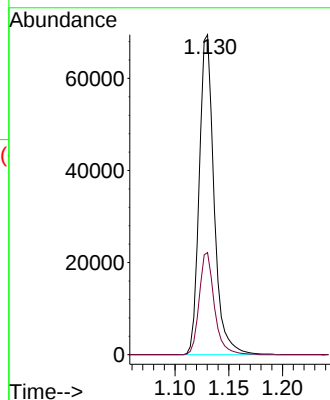
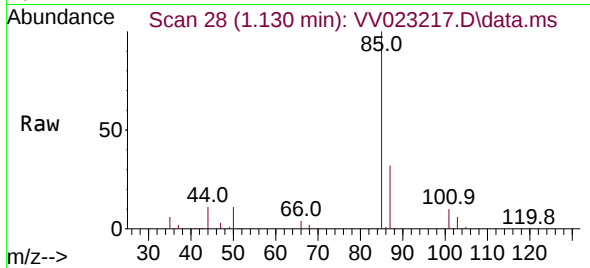




#2
Dichlorodifluoromethane
Concen: 5.017 ug/L
RT: 1.130 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

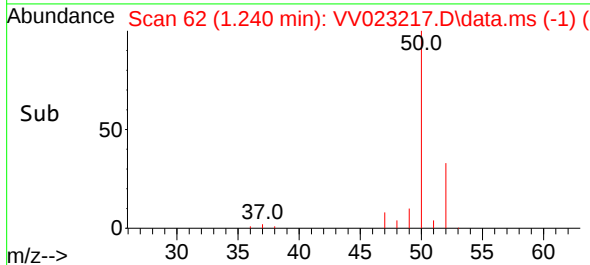
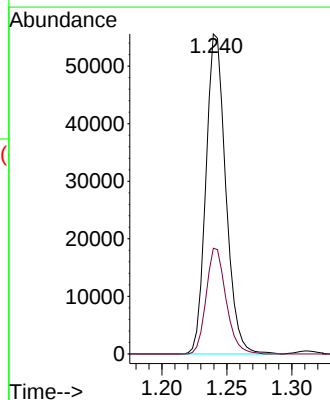
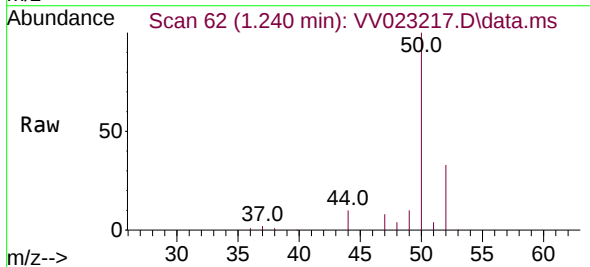
Instrument :
MSVOA_V
ClientSampleId :

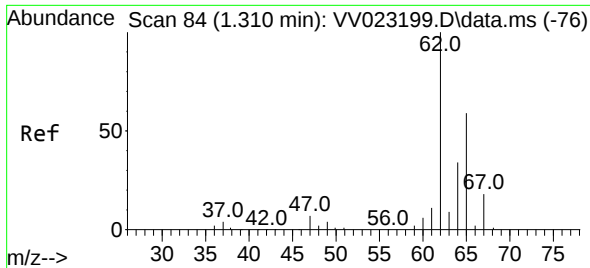
Tgt Ion: 85 Resp: 66633
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0



#3
Chloromethane
Concen: 5.235 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

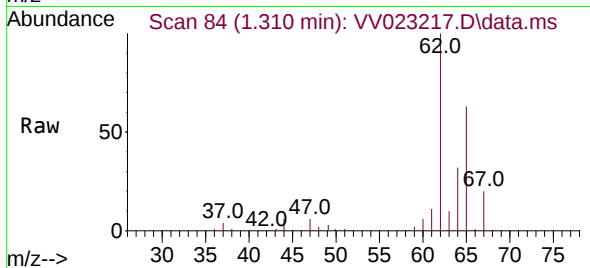
Tgt Ion: 50 Resp: 59112
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9



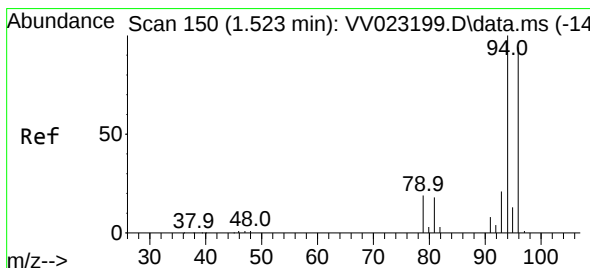
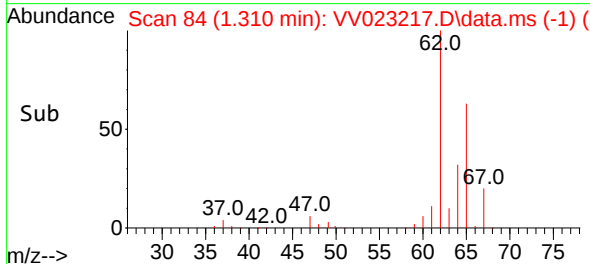
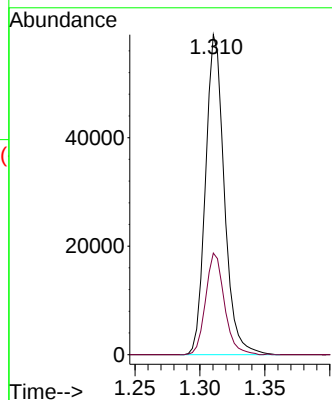


#5
 Vinyl chloride
 Concen: 5.269 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023217.D
 Acq: 04 Nov 2021 21:03

Instrument :
 MSVOA_V
 ClientSampleId :

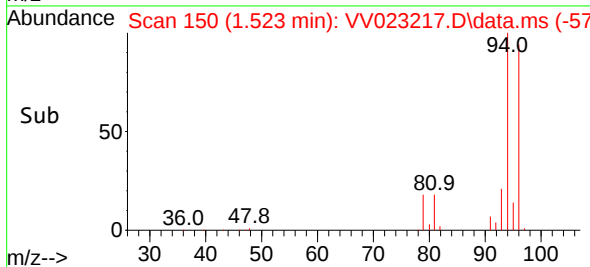
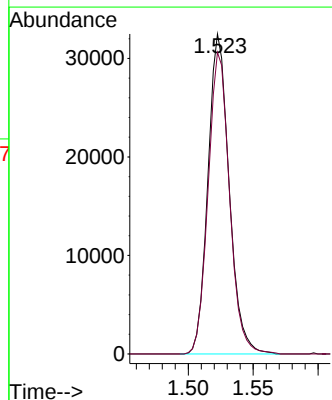
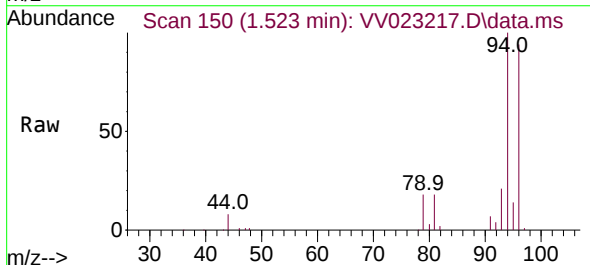


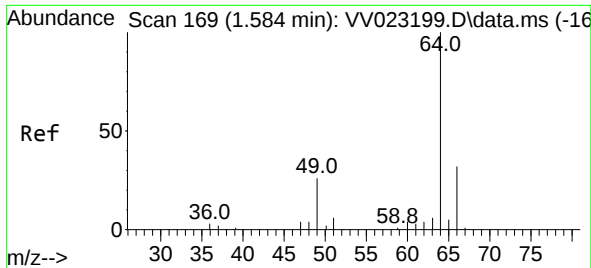
Tgt Ion: 62 Resp: 59420
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.7 43.9



#6
 Bromomethane
 Concen: 5.116 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023217.D
 Acq: 04 Nov 2021 21:03

Tgt Ion: 94 Resp: 36879
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 122.1

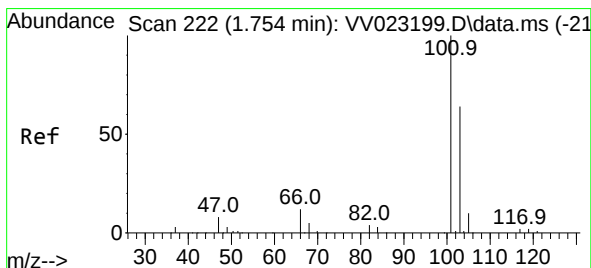
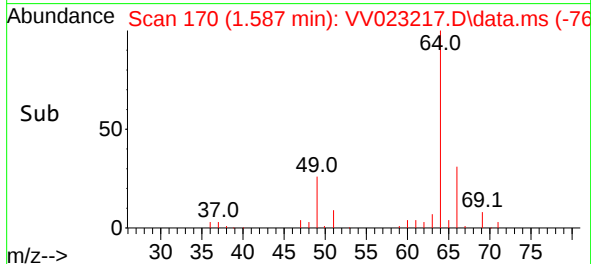
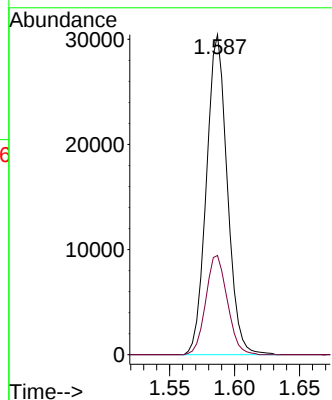
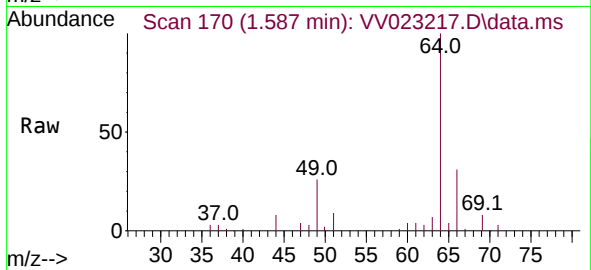




#8
Chloroethane
Concen: 5.228 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

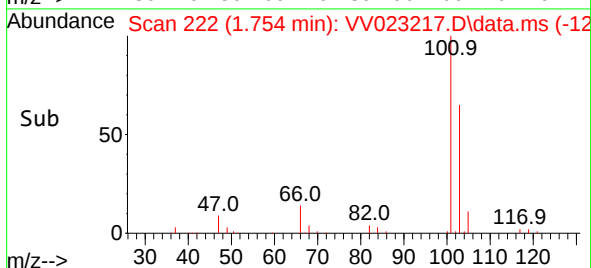
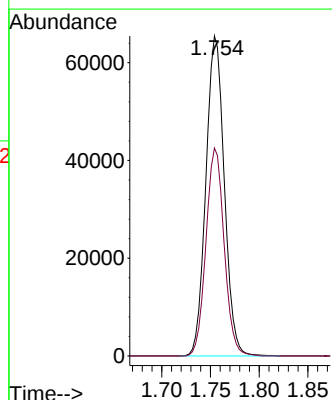
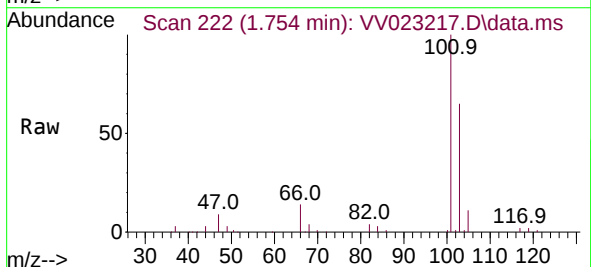
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ClientSampleId :

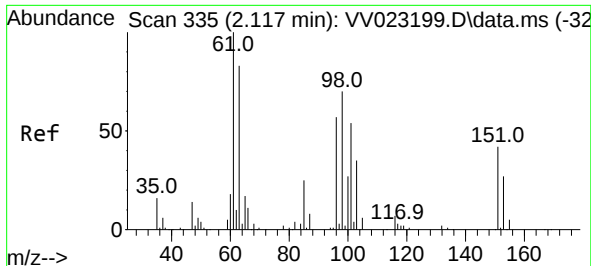
Tgt Ion: 64 Resp: 34024
Ion Ratio Lower Upper
64 100
66 31.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.078 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion:101 Resp: 86049
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

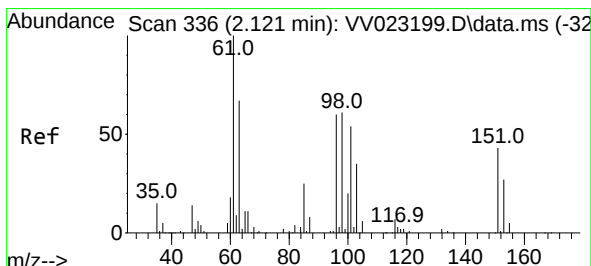
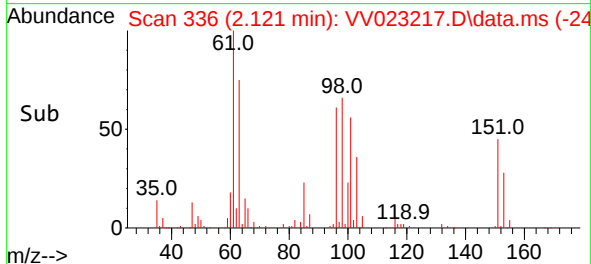
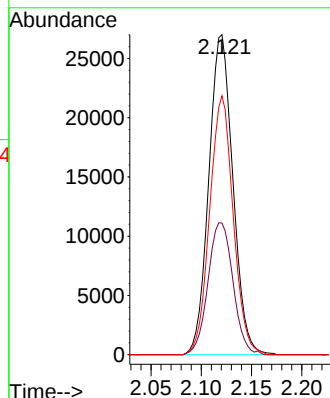
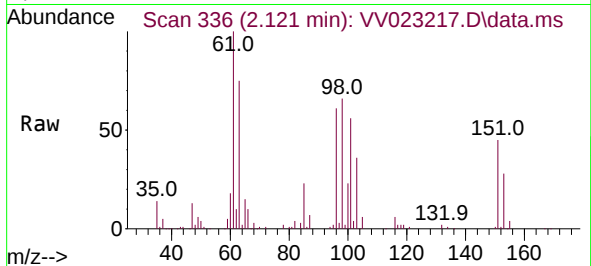




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.279 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023217.D
 Acq: 04 Nov 2021 21:03

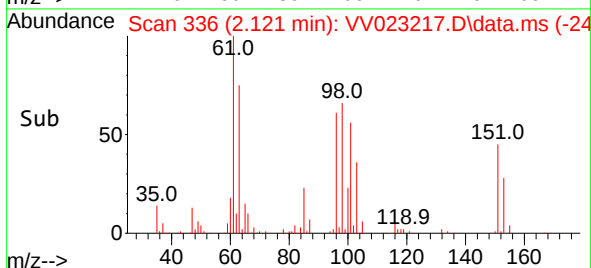
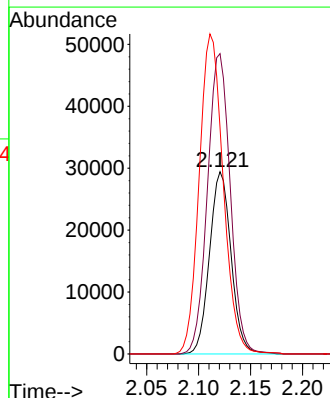
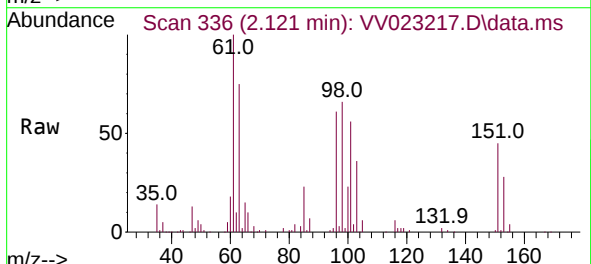
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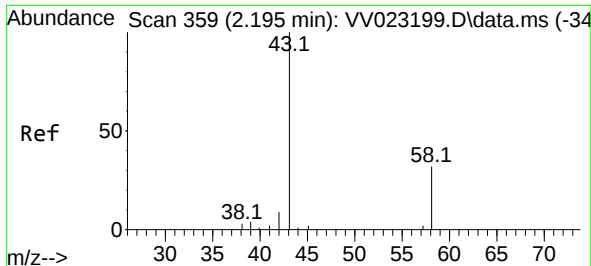
Tgt Ion:101 Resp: 45035
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.4 53.0
 151 79.0 64.3 96.5



#12
 1,1-Dichloroethene
 Concen: 5.233 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023217.D
 Acq: 04 Nov 2021 21:03

Tgt Ion: 96 Resp: 42509
 Ion Ratio Lower Upper
 96 100
 61 164.8 117.7 218.7
 63 124.1 80.5 149.5





#13

Acetone

Concen: 61.475 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

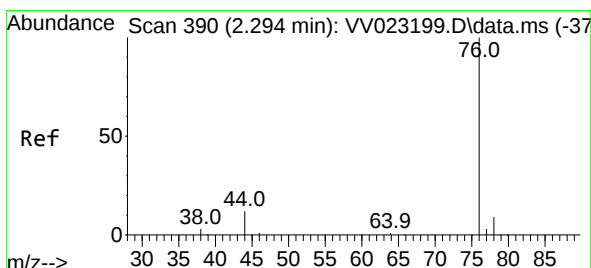
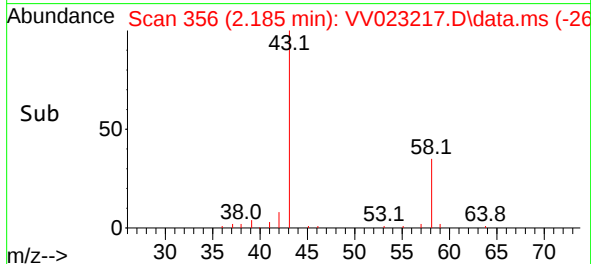
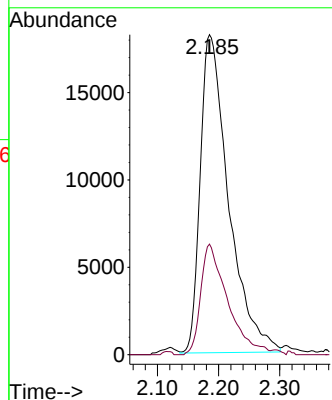
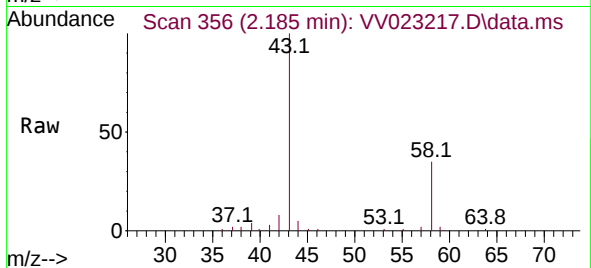
ClientSampleId :

Tgt Ion: 43 Resp: 58589

Ion Ratio Lower Upper

43 100

58 33.0 0.0 45.8



#14

Carbon disulfide

Concen: 4.853 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023217.D

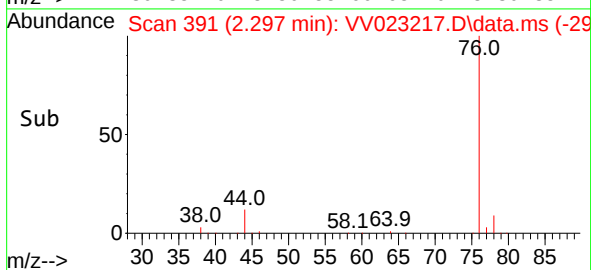
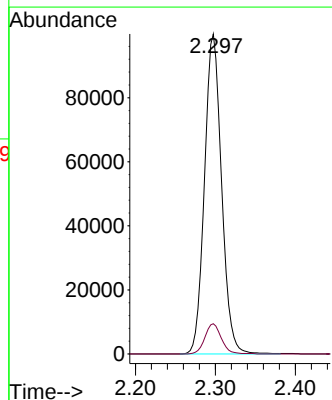
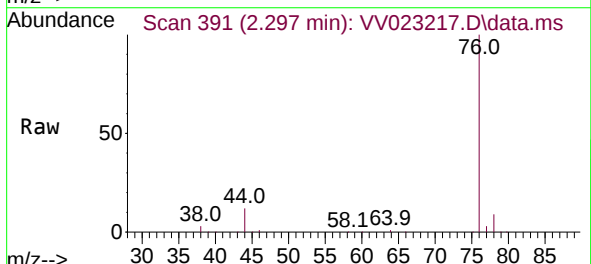
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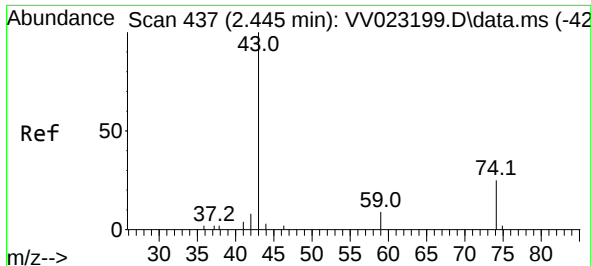
Tgt Ion: 76 Resp: 148741

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

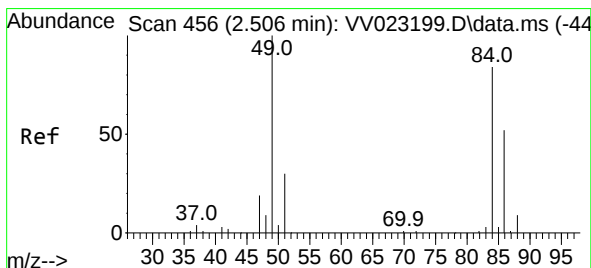
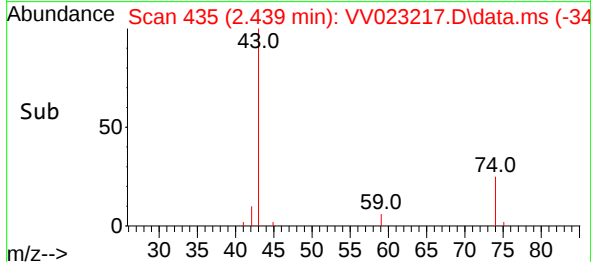
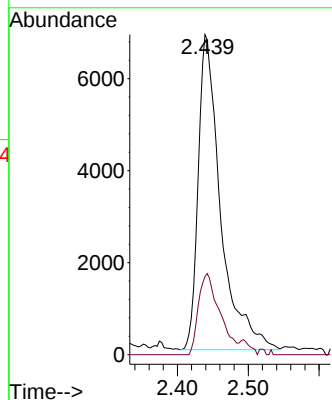
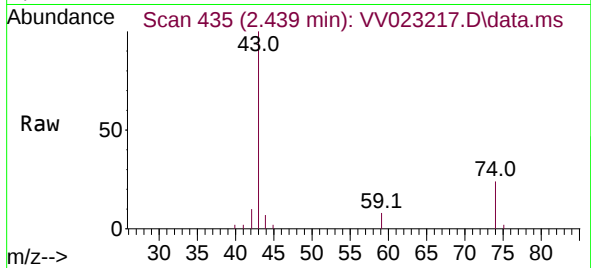




#15
Methyl Acetate
Concen: 4.128 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

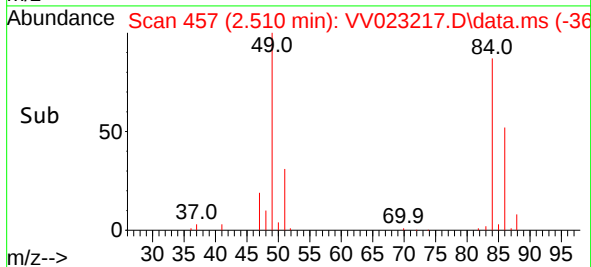
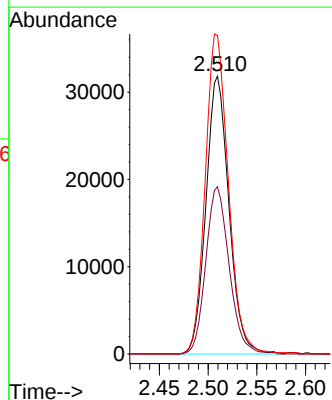
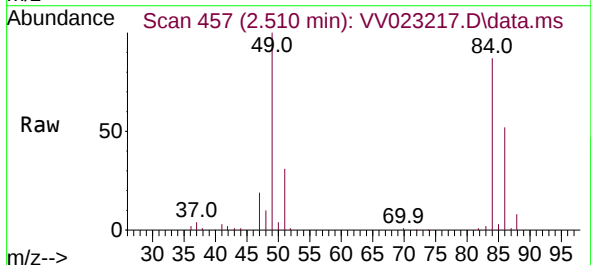
Instrument :
MSVOA_V
ClientSampleId :

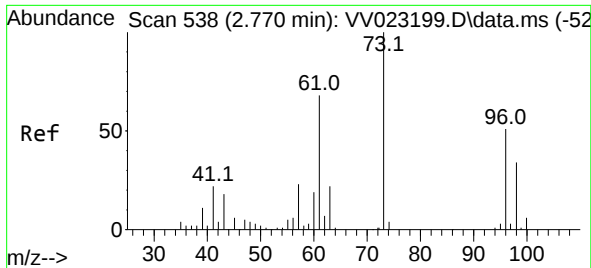
Tgt Ion: 43 Resp: 15046
Ion Ratio Lower Upper
43 100
74 24.3 16.0 24.0#



#16
Methylene chloride
Concen: 4.414 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion: 84 Resp: 52323
Ion Ratio Lower Upper
84 100
86 60.2 43.3 80.5
49 114.6 84.1 156.1

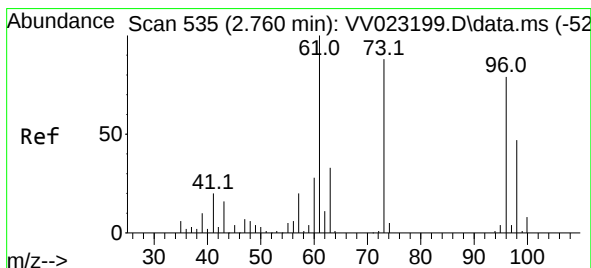
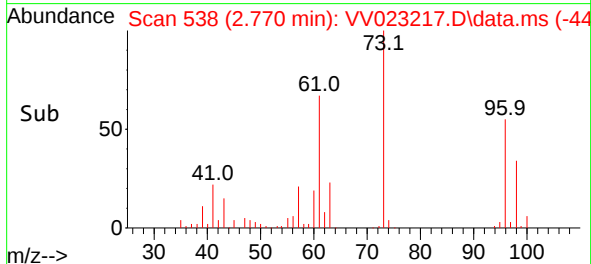
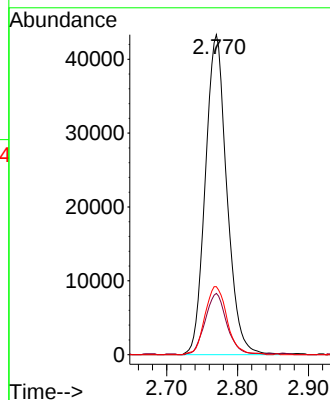
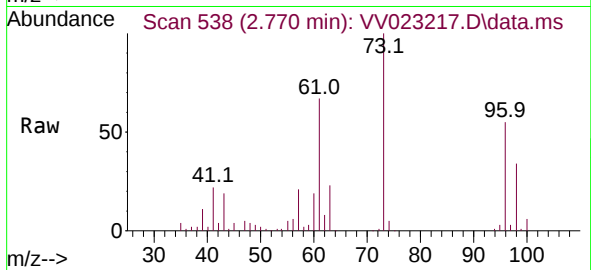




#17
Methyl tert-butyl Ether
Concen: 5.102 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

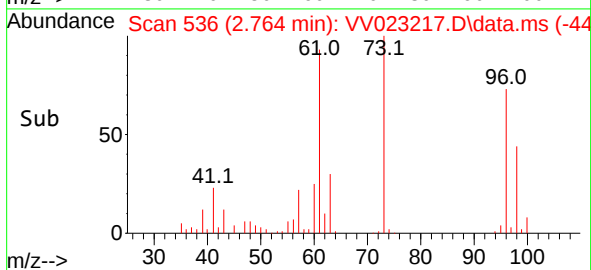
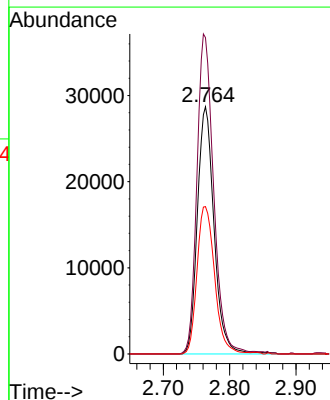
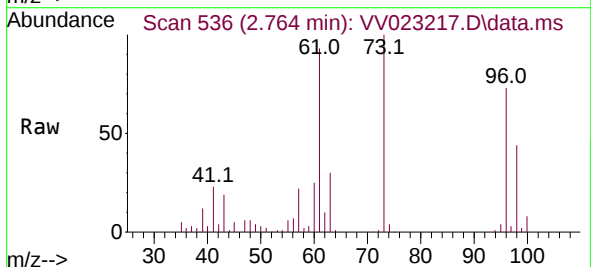
Instrument :
MSVOA_V
ClientSampleId :

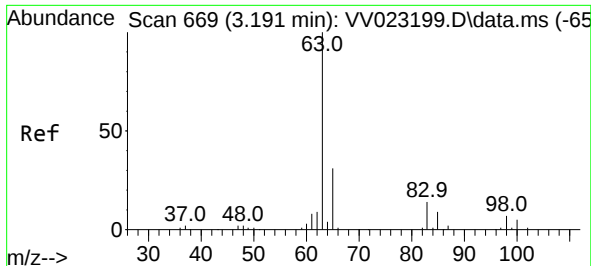
Tgt Ion: 73 Resp: 91232
Ion Ratio Lower Upper
73 100
43 19.4 14.2 21.4
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.027 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion: 96 Resp: 50197
Ion Ratio Lower Upper
96 100
61 128.0 89.2 165.6
98 59.6 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.123 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

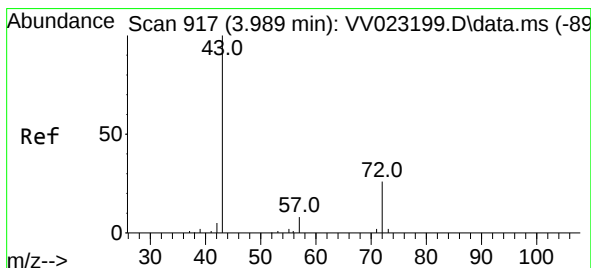
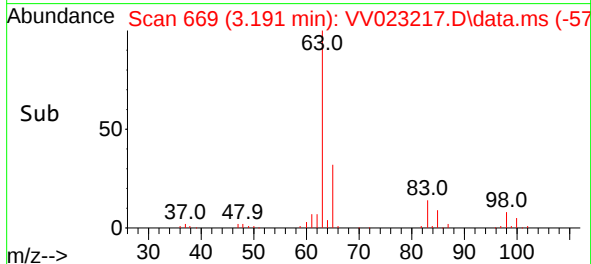
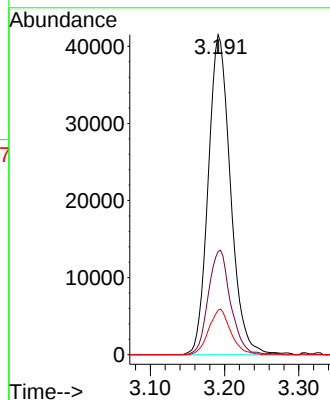
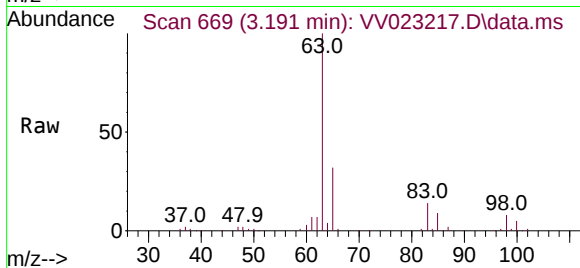
Tgt Ion: 63 Resp: 86373

Ion Ratio Lower Upper

63 100

65 32.2 21.6 40.2

83 14.0 9.8 18.2



#21

2-Butanone

Concen: 74.531 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.010 min

Lab File: VV023217.D

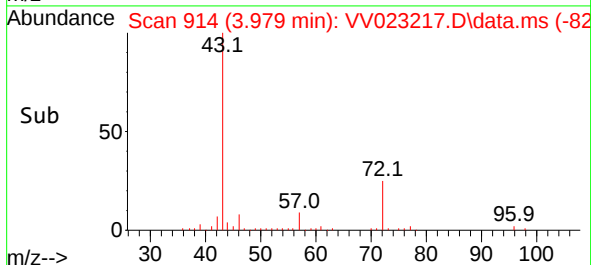
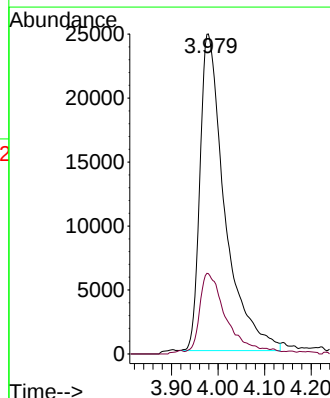
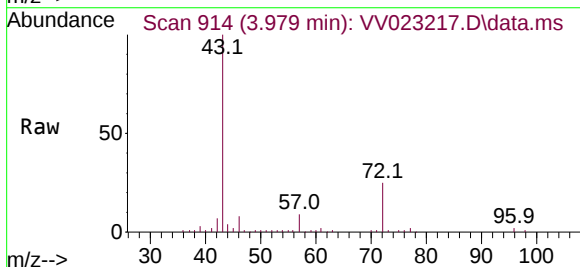
Acq: 04 Nov 2021 21:03

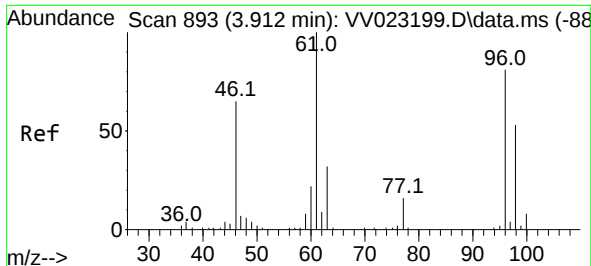
Tgt Ion: 43 Resp: 91724

Ion Ratio Lower Upper

43 100

72 25.3 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 5.173 ug/L

RT: 3.911 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

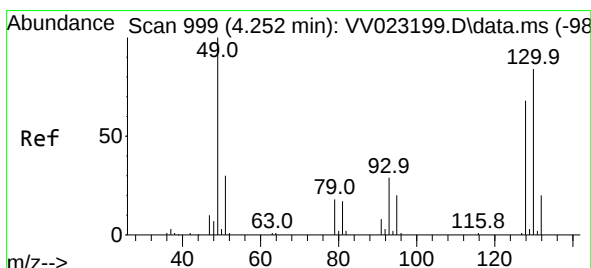
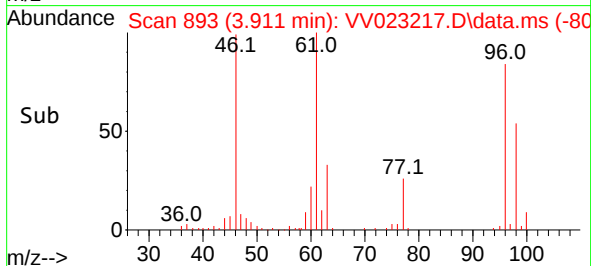
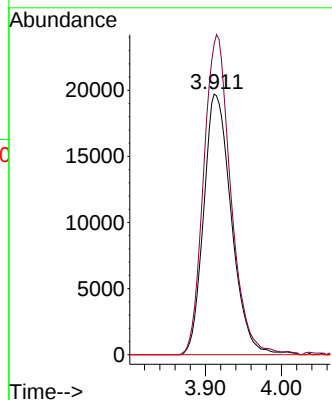
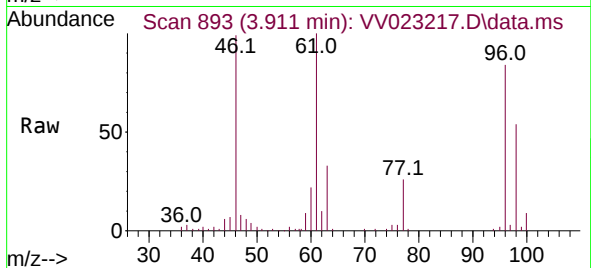
Tgt Ion: 96 Resp: 49711

Ion Ratio Lower Upper

96 100

61 119.2 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.129 ug/L

RT: 4.252 min Scan# 999

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Tgt Ion: 128 Resp: 22729

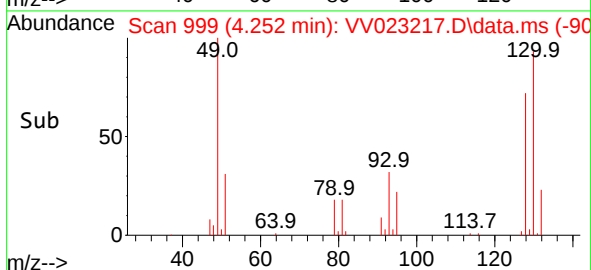
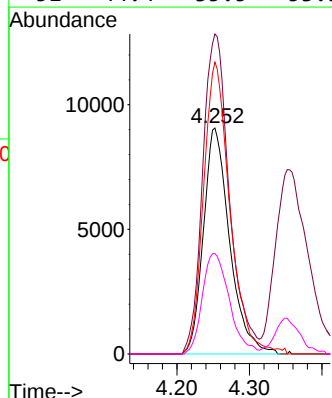
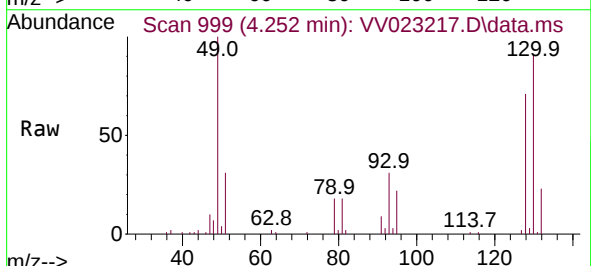
Ion Ratio Lower Upper

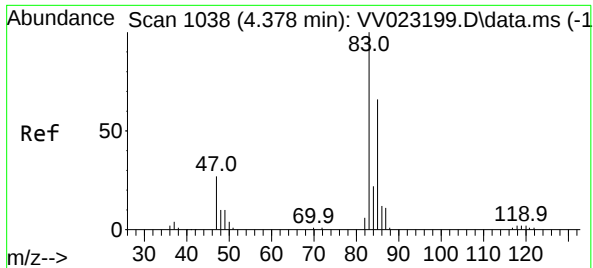
128 100

49 141.6 103.0 191.4

130 129.2 86.7 161.1

51 44.4 35.5 53.3

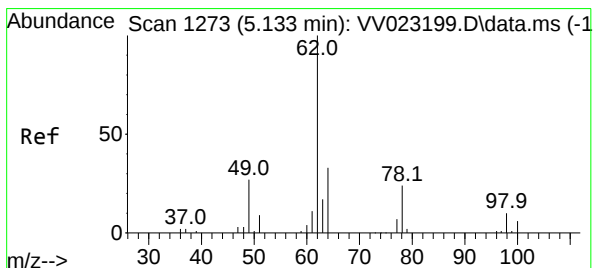
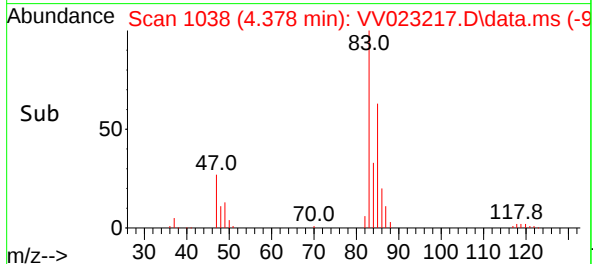
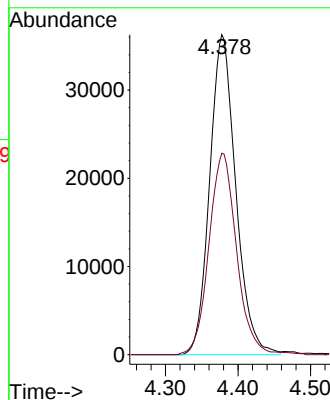
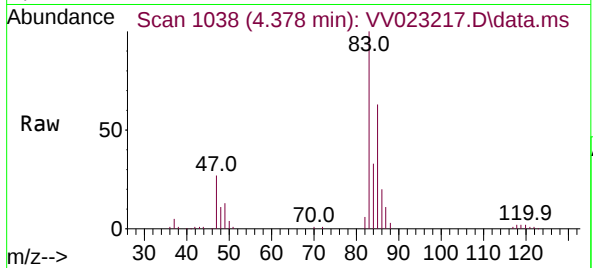




#25
Chloroform
Concen: 5.051 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

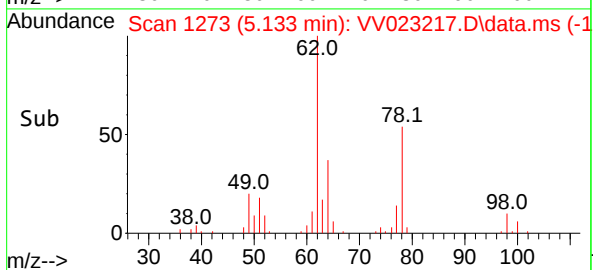
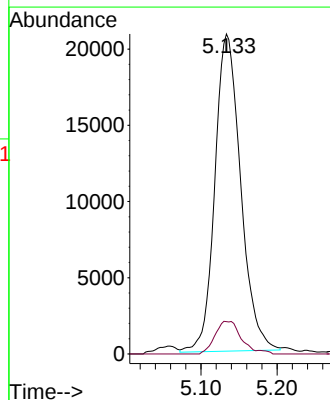
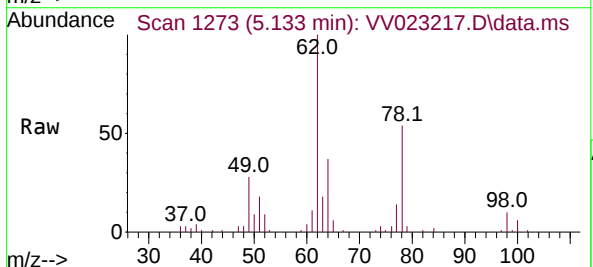
Instrument :
MSVOA_V
ClientSampleId :

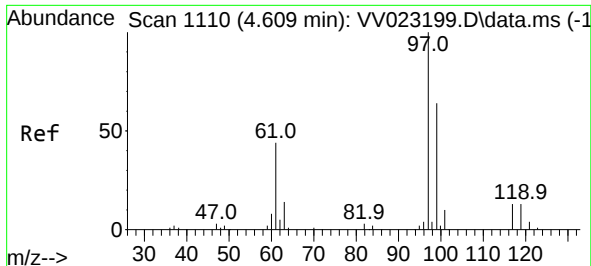
Tgt Ion: 83 Resp: 90772
Ion Ratio Lower Upper
83 100
85 63.0 46.3 85.9



#27
1,2-Dichloroethane
Concen: 5.132 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion: 62 Resp: 49051
Ion Ratio Lower Upper
62 100
98 10.1 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.018 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

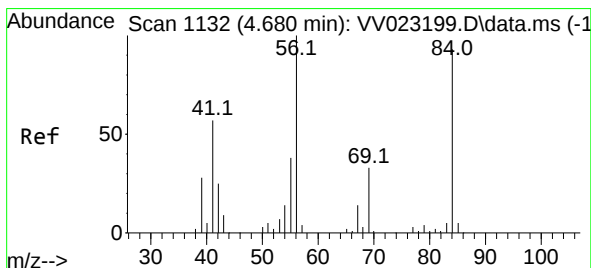
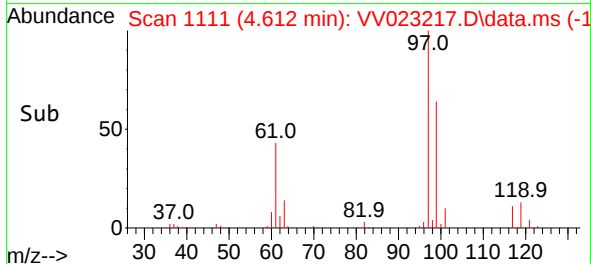
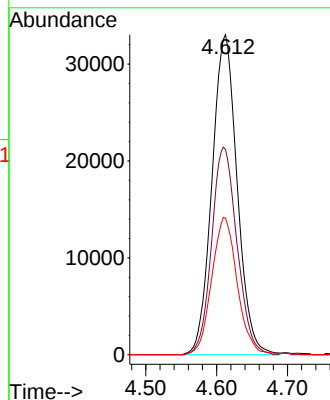
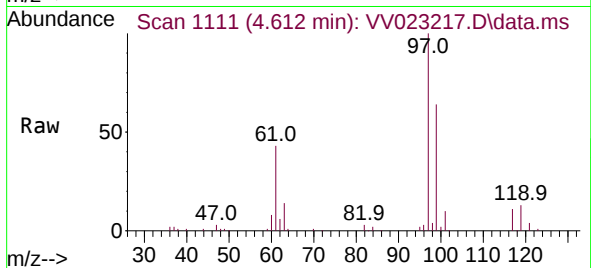
Tgt Ion: 97 Resp: 81668

Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 43.4 33.5 50.3



#30

Cyclohexane

Concen: 4.888 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

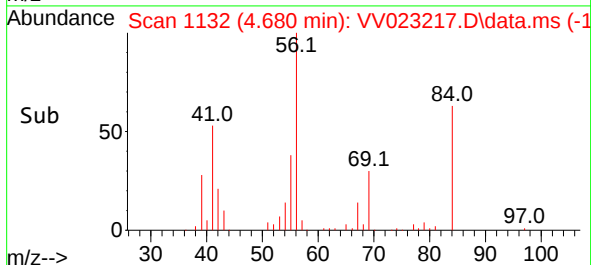
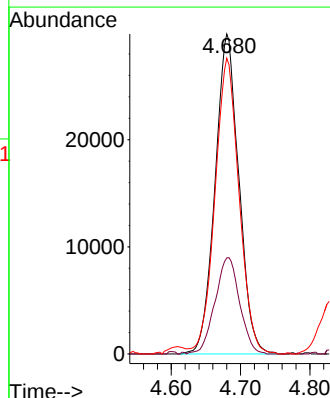
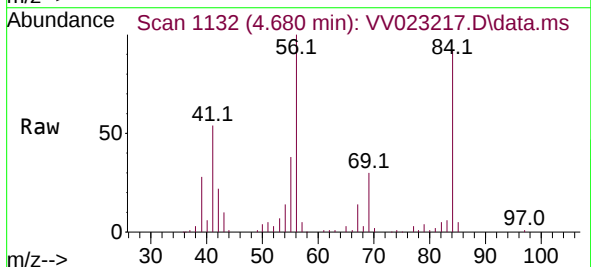
Tgt Ion: 56 Resp: 71283

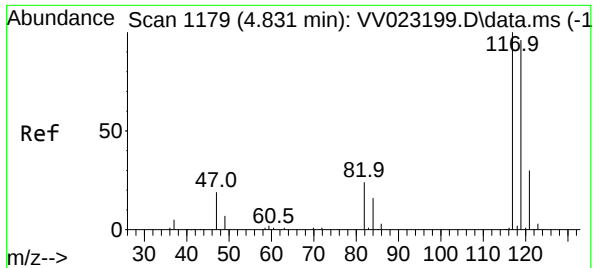
Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 93.7 73.8 110.6

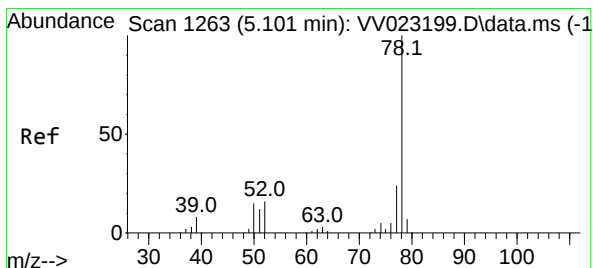
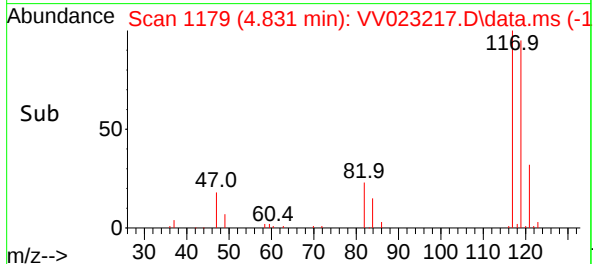
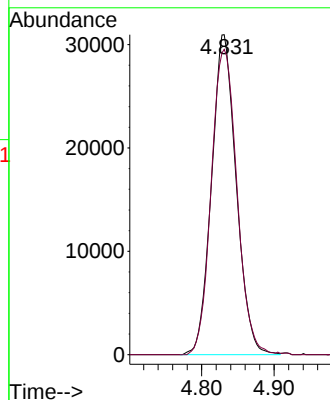
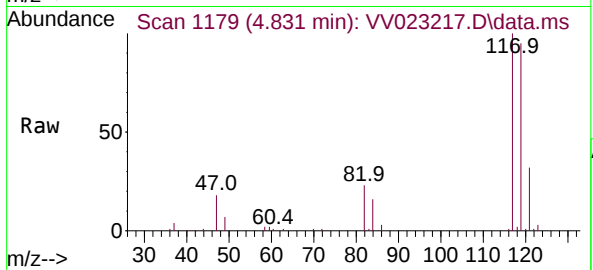




#31
Carbon tetrachloride
Concen: 5.009 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

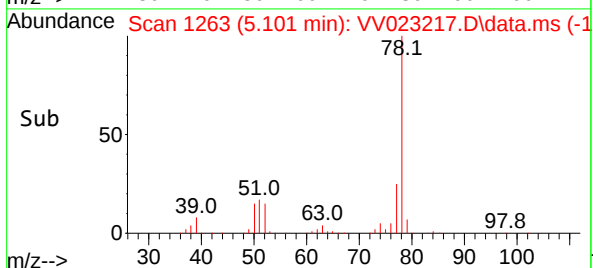
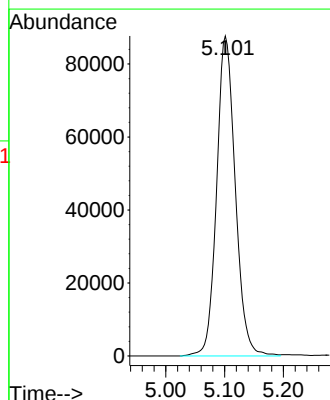
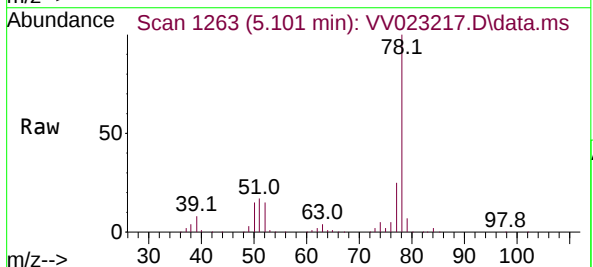
Instrument :
MSVOA_V
ClientSampleId :

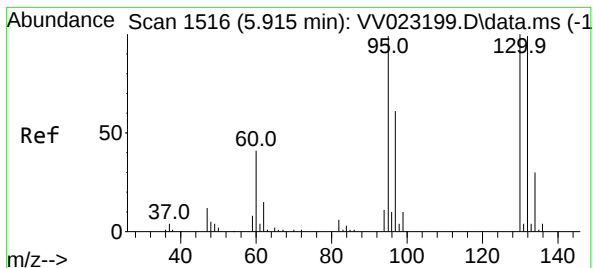
Tgt Ion:117 Resp: 73215
Ion Ratio Lower Upper
117 100
119 99.3 76.6 114.8



#33
Benzene
Concen: 5.164 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion: 78 Resp: 193411





#34

Trichloroethene

Concen: 5.212 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 51907

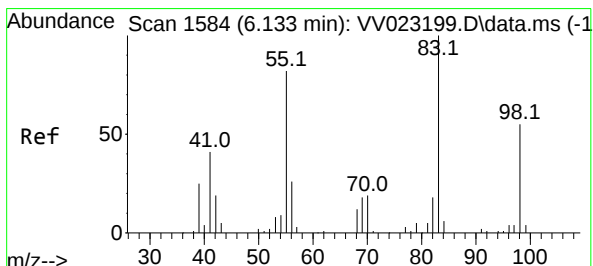
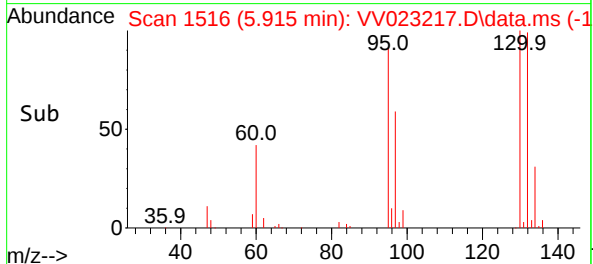
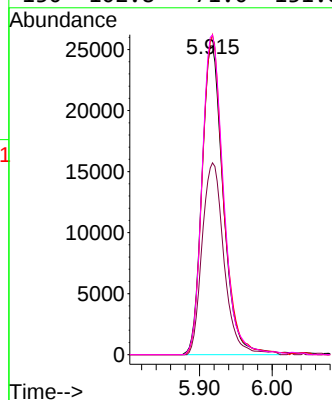
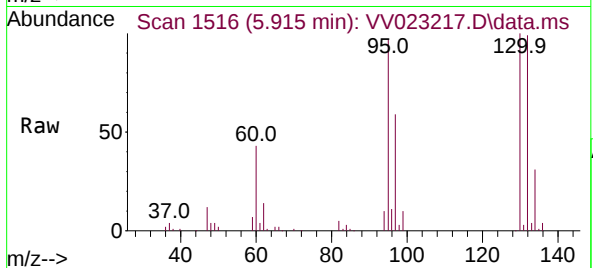
Ion Ratio Lower Upper

95 100

97 60.5 43.3 80.5

132 101.3 70.0 130.0

130 102.8 71.0 131.8



#35

Methylcyclohexane

Concen: 5.022 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

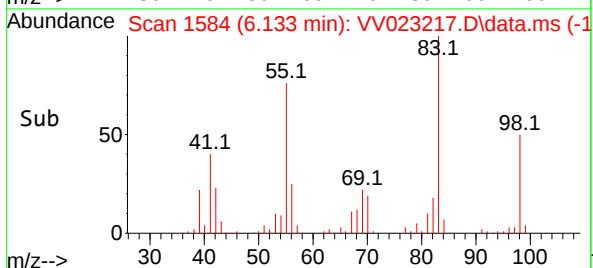
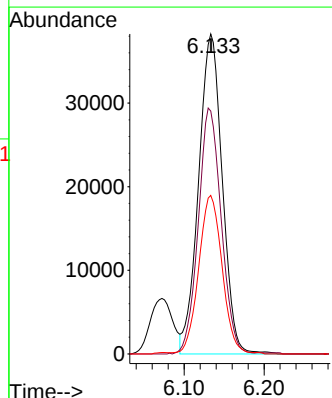
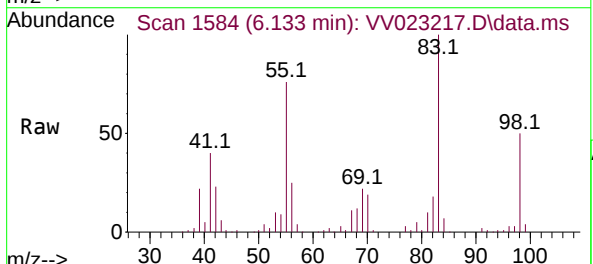
Tgt Ion: 83 Resp: 78945

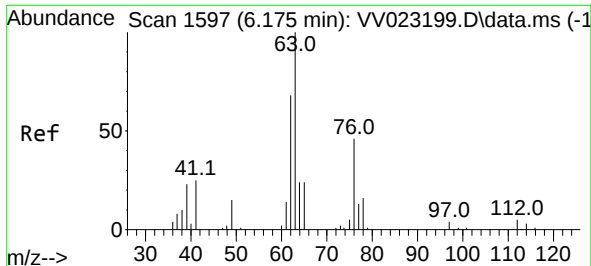
Ion Ratio Lower Upper

83 100

55 74.3 59.6 89.4

98 49.1 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.348 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

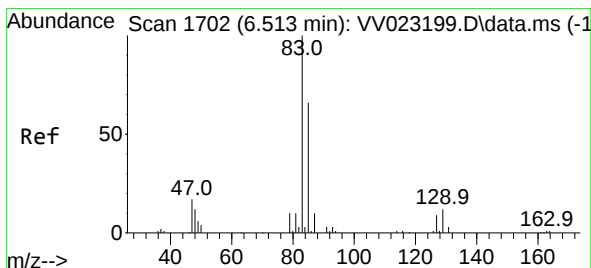
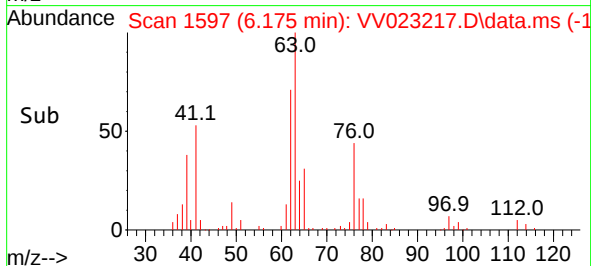
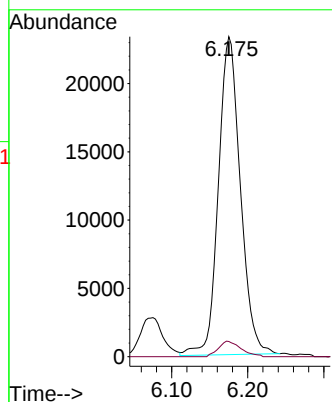
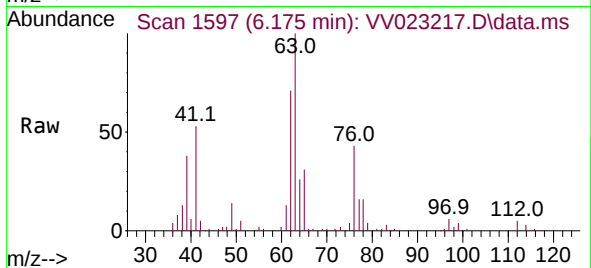
ClientSampleId :

Tgt Ion: 63 Resp: 46760

Ion Ratio Lower Upper

63 100

112 5.0 4.5 6.7



#38

Bromodichloromethane

Concen: 5.114 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

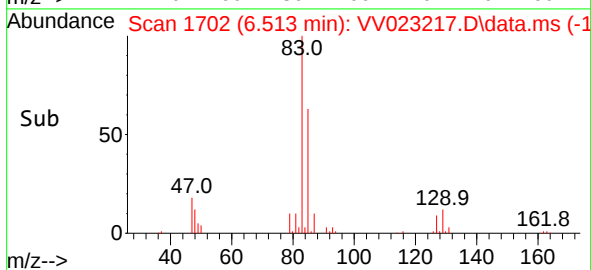
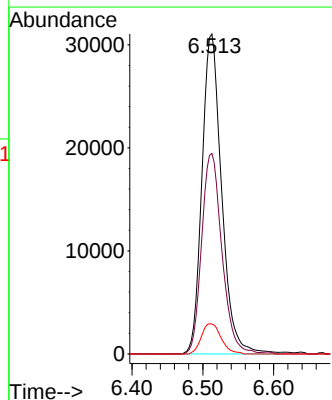
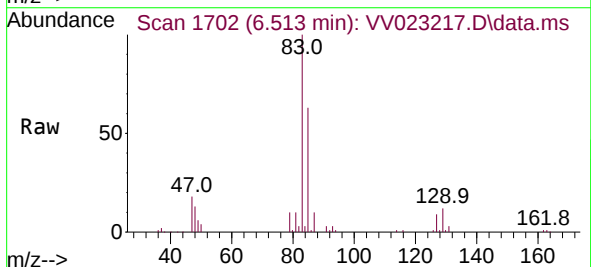
Tgt Ion: 83 Resp: 59922

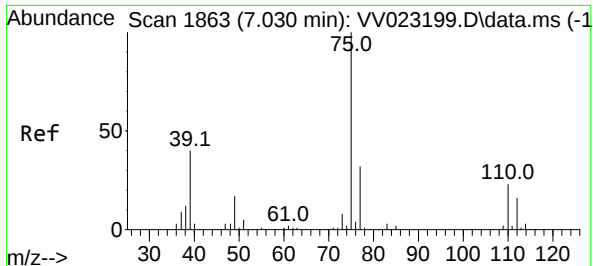
Ion Ratio Lower Upper

83 100

85 62.7 46.1 85.5

127 9.4 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 5.032 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

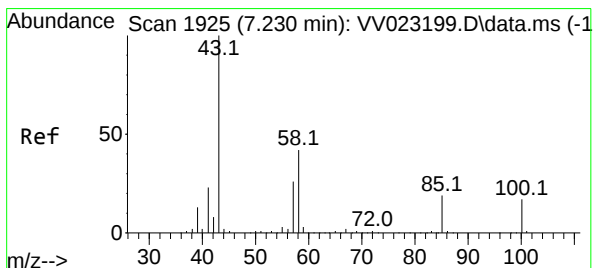
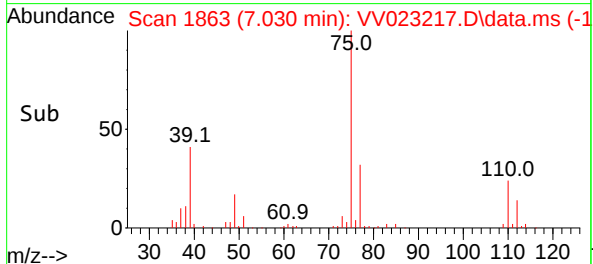
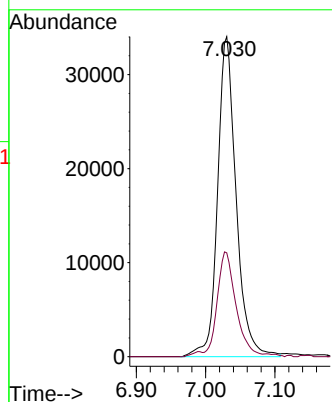
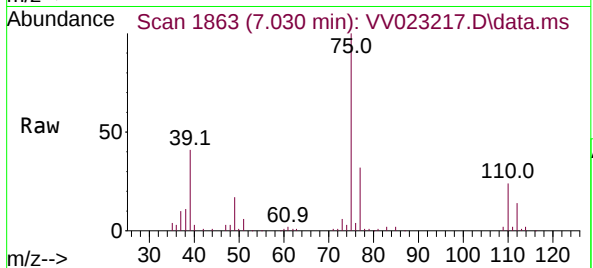
ClientSampleId :

Tgt Ion: 75 Resp: 63276

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 57.005 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

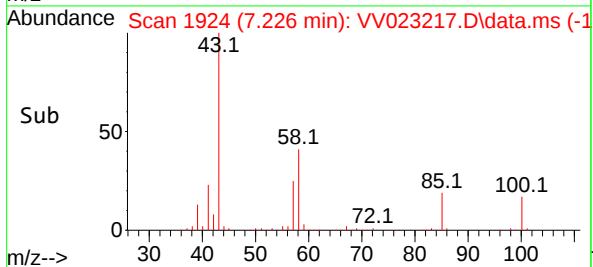
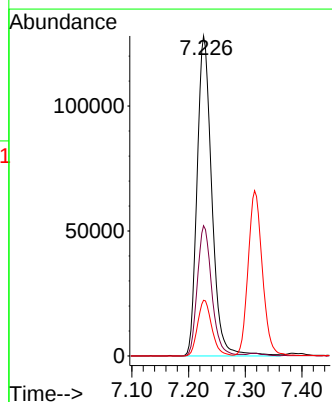
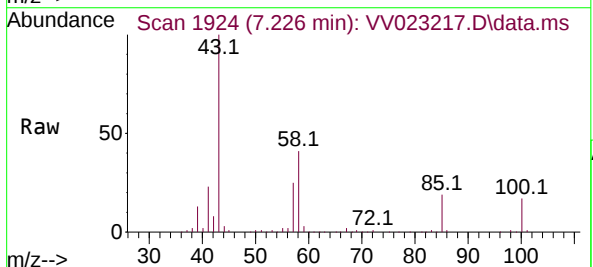
Tgt Ion: 43 Resp: 231156

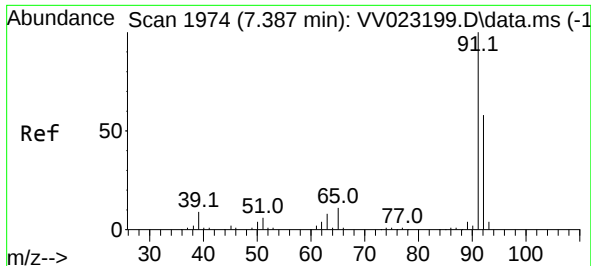
Ion Ratio Lower Upper

43 100

58 39.8 33.3 49.9

100 16.8 13.0 19.6





#42

Toluene

Concen: 5.346 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

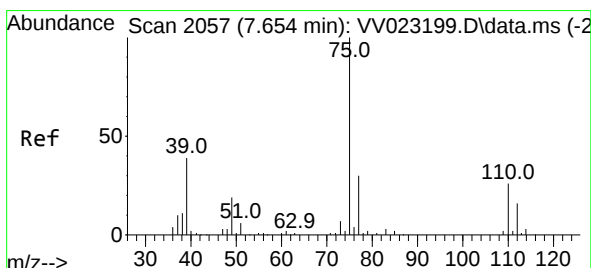
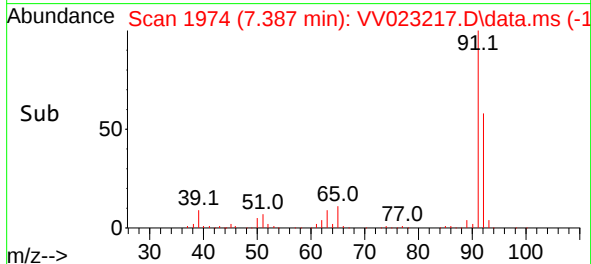
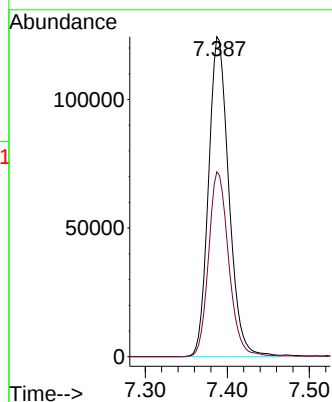
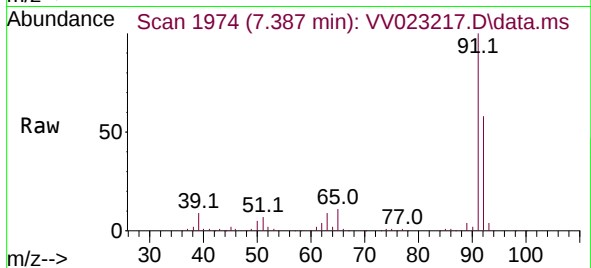
ClientSampleId :

Tgt Ion: 91 Resp: 214154

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.156 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV023217.D

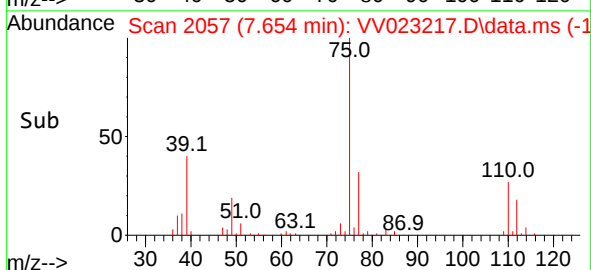
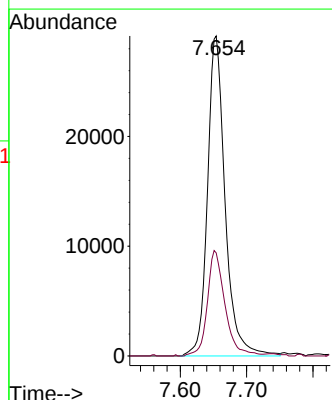
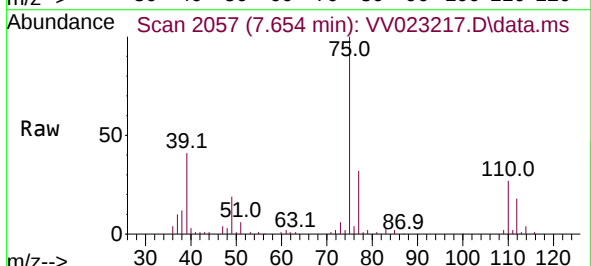
Acq: 04 Nov 2021 21:03

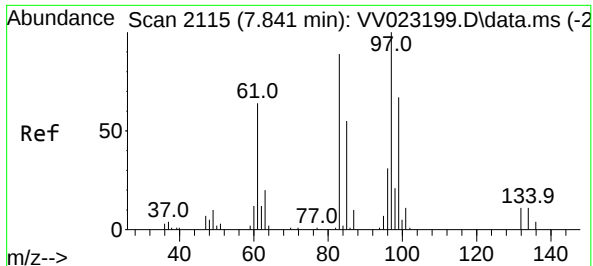
Tgt Ion: 75 Resp: 53800

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.158 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 32403

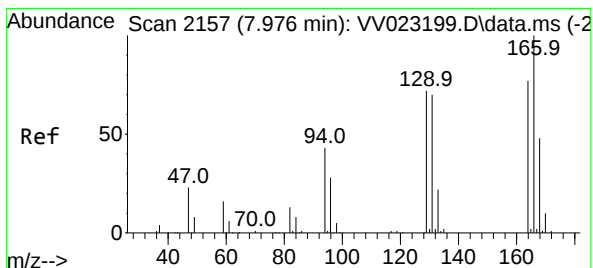
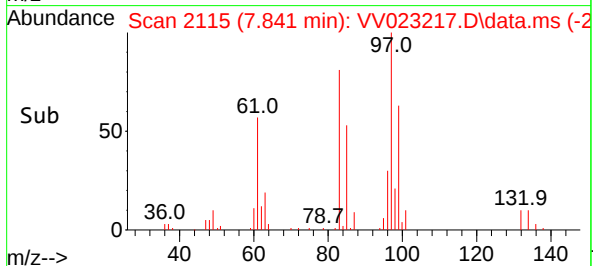
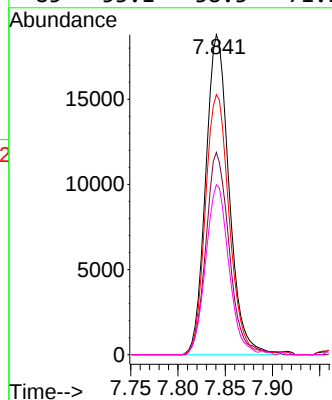
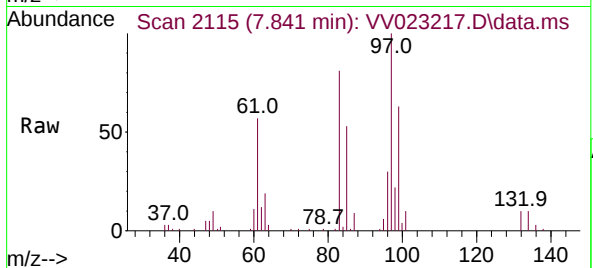
Ion Ratio Lower Upper

97 100

99 63.2 47.0 87.4

83 81.3 62.6 116.3

85 53.1 38.3 71.1



#47

Tetrachloroethene

Concen: 5.124 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Tgt Ion:164 Resp: 44224

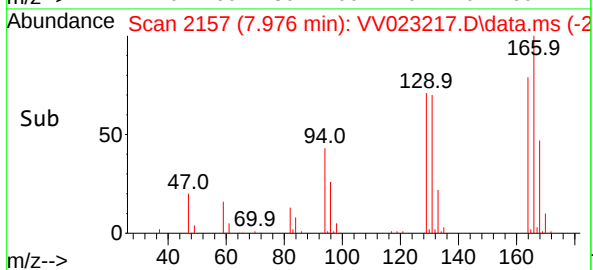
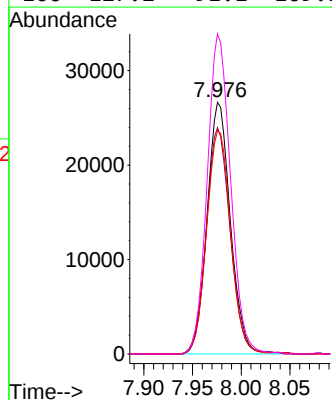
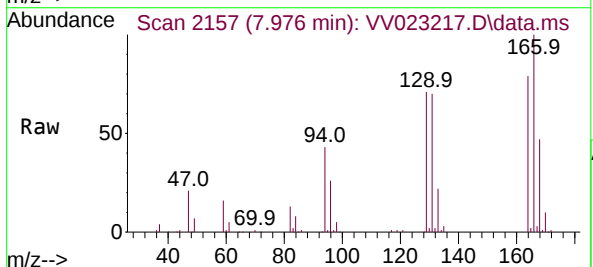
Ion Ratio Lower Upper

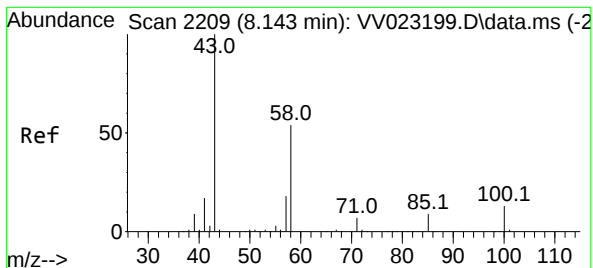
164 100

129 89.9 65.5 121.7

131 88.7 63.9 118.7

166 127.2 91.1 169.1





#48

2-Hexanone

Concen: 56.944 ug/L

RT: 8.140 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 165614

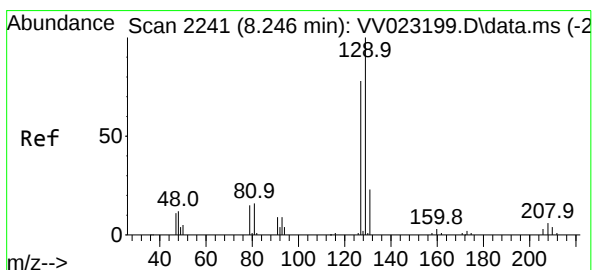
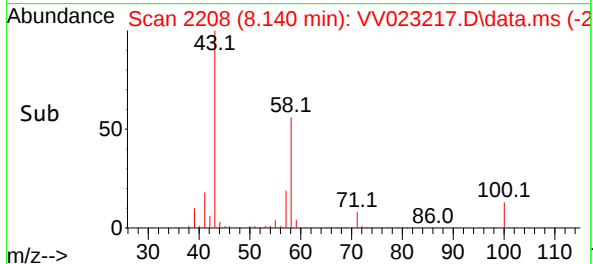
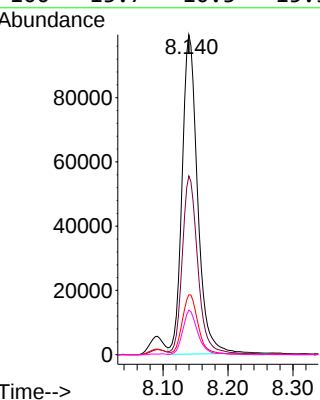
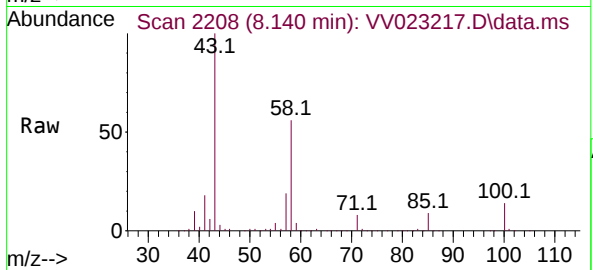
Ion Ratio Lower Upper

43 100

58 55.7 43.0 64.6

57 18.9 14.9 22.3

100 13.7 10.3 15.5



#49

Dibromochloromethane

Concen: 5.164 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV023217.D

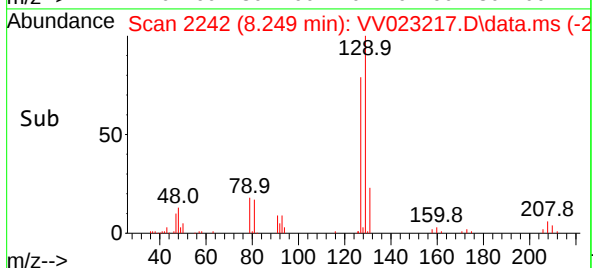
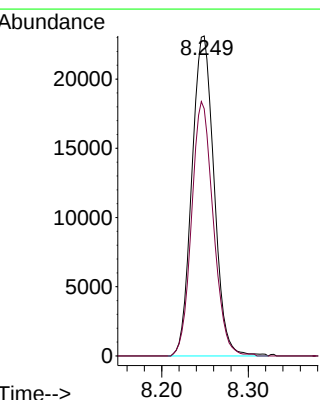
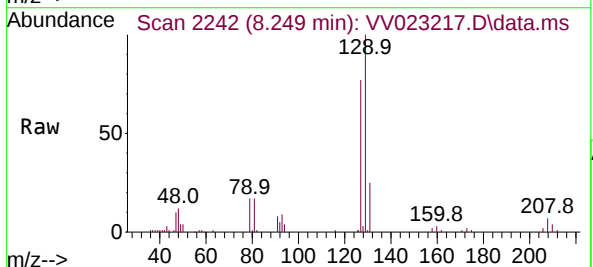
Acq: 04 Nov 2021 21:03

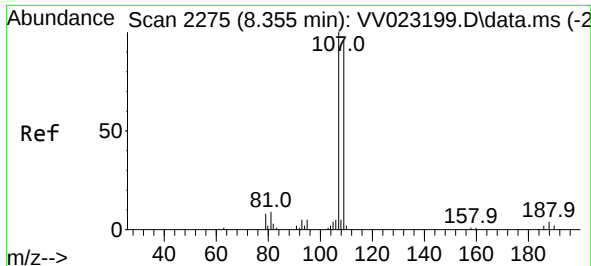
Tgt Ion:129 Resp: 41103

Ion Ratio Lower Upper

129 100

127 77.2 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.152 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023217.D

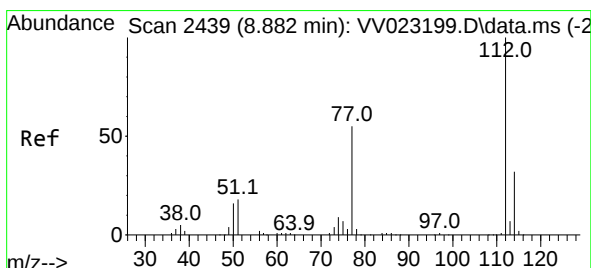
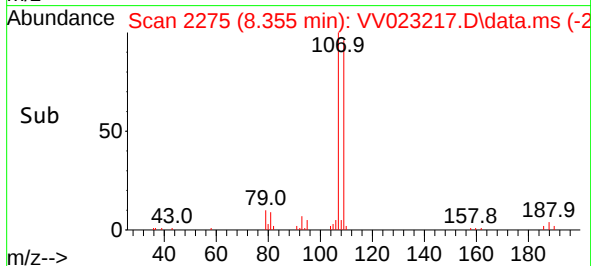
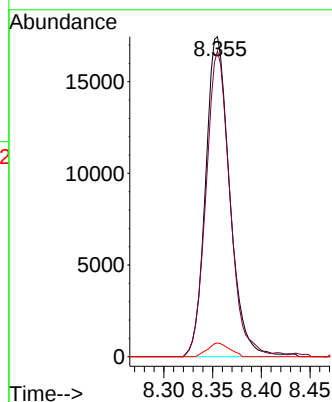
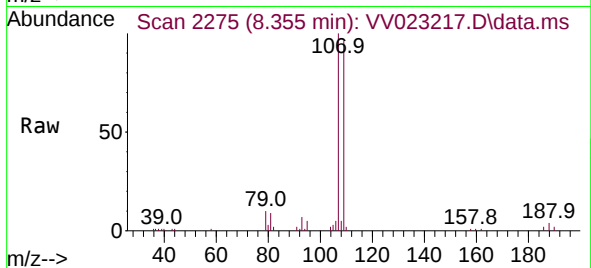
Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29995
Ion	Ratio	Lower	Upper
107	100		
109	95.6	67.0	124.4
188	4.3	2.9	4.3



#51

Chlorobenzene

Concen: 5.046 ug/L

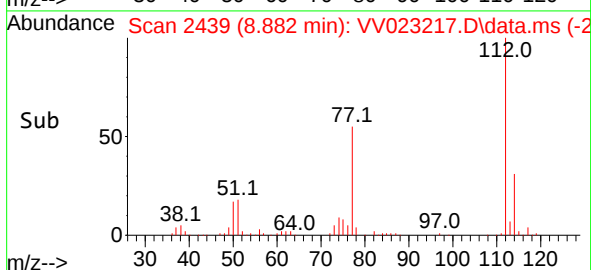
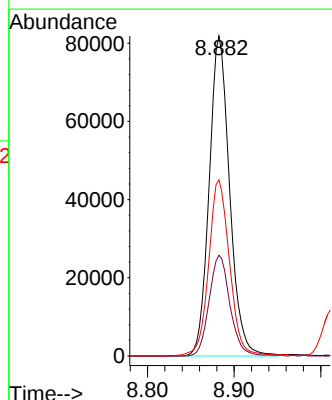
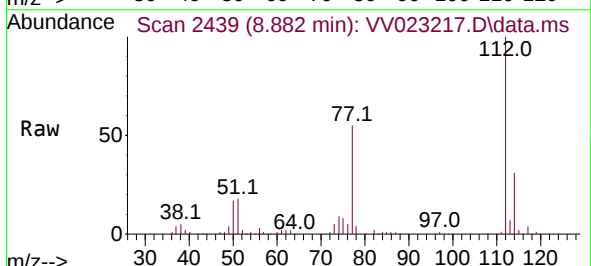
RT: 8.882 min Scan# 2439

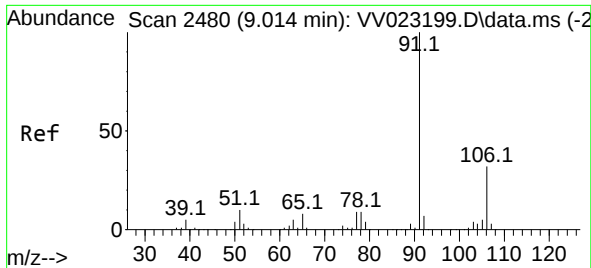
Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Tgt Ion:	112	Resp:	134360
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	55.1	43.8	65.8





#52

Ethylbenzene

Concen: 5.148 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

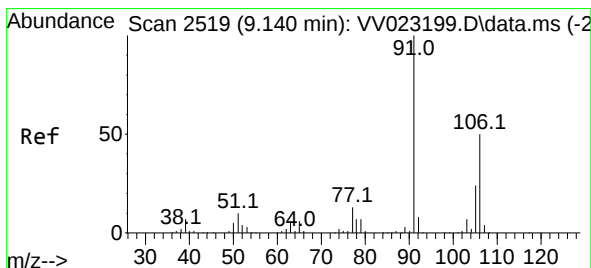
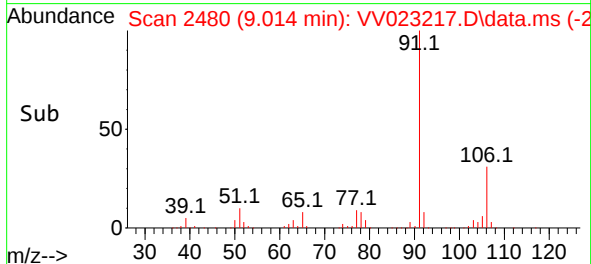
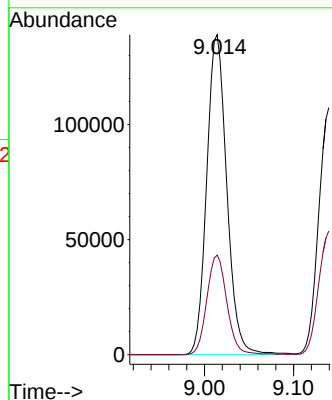
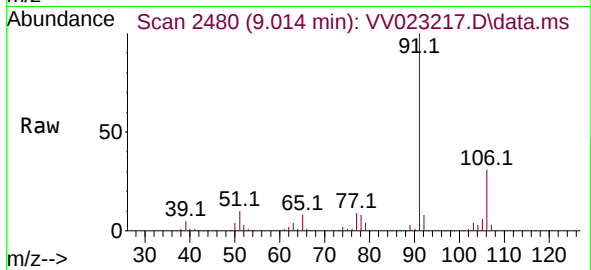
ClientSampleId :

Tgt Ion: 91 Resp: 217489

Ion Ratio Lower Upper

91 100

106 31.1 22.3 41.5



#53

m,p-xylene

Concen: 5.302 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023217.D

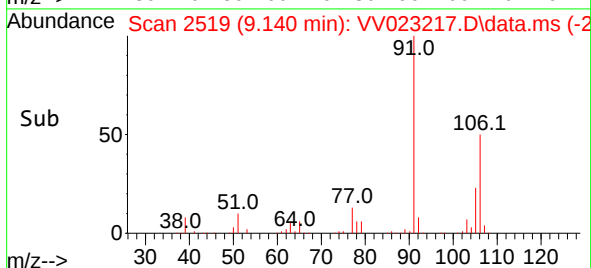
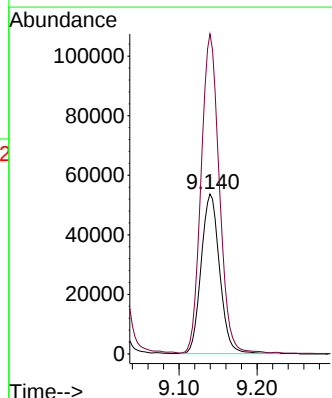
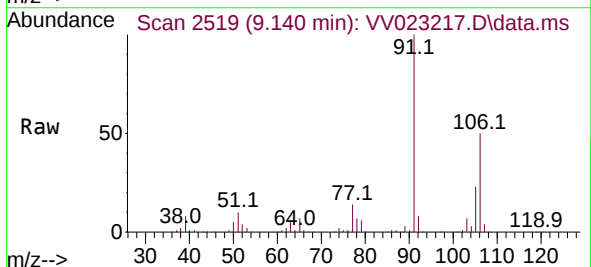
Acq: 04 Nov 2021 21:03

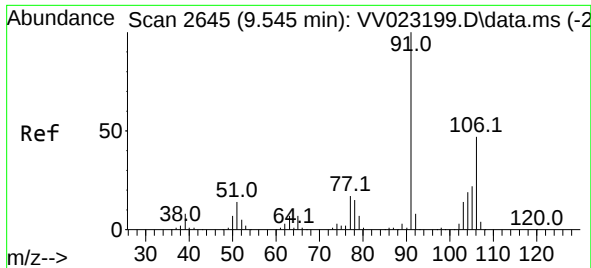
Tgt Ion: 106 Resp: 87916

Ion Ratio Lower Upper

106 100

91 199.9 140.1 260.1

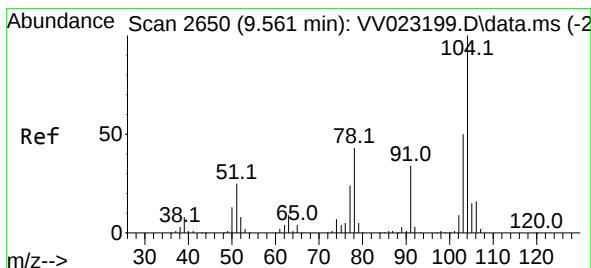
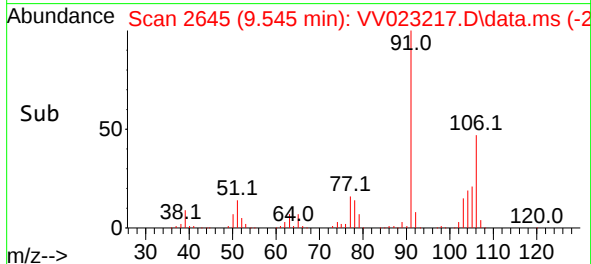
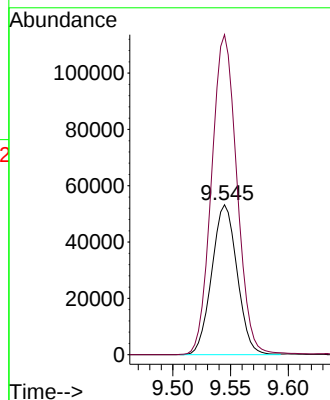
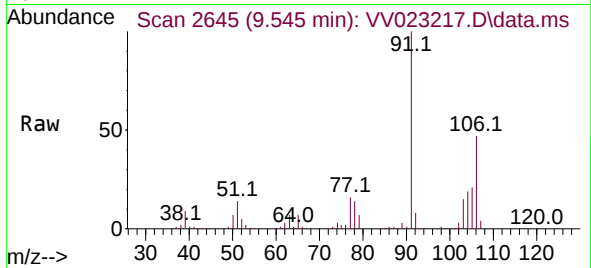




#54
o-xylene
Concen: 5.227 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

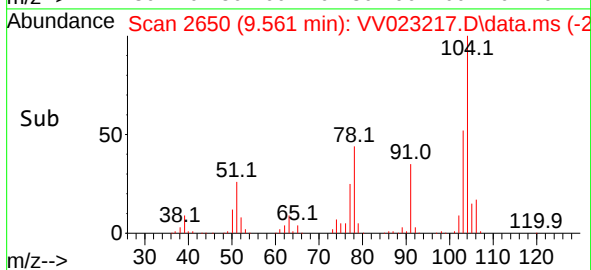
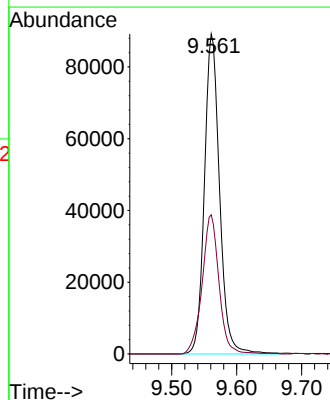
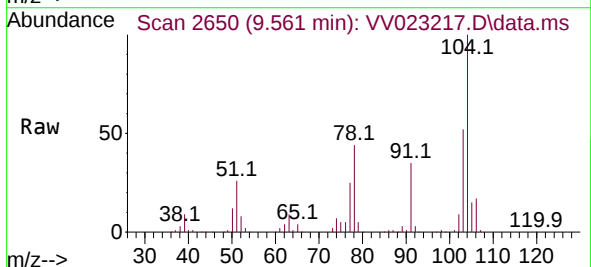
Instrument :
MSVOA_V
ClientSampleId :

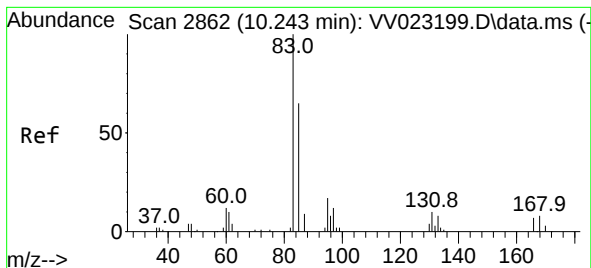
Tgt Ion:106 Resp: 81308
Ion Ratio Lower Upper
106 100
91 213.4 148.1 275.1



#55
Styrene
Concen: 5.433 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion:104 Resp: 144764
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.5

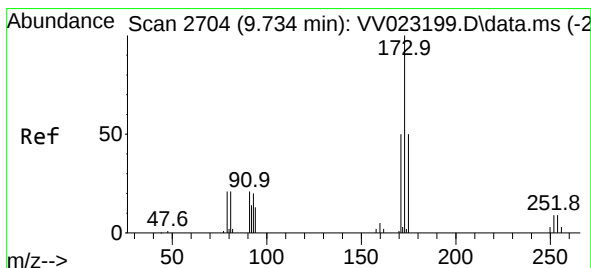
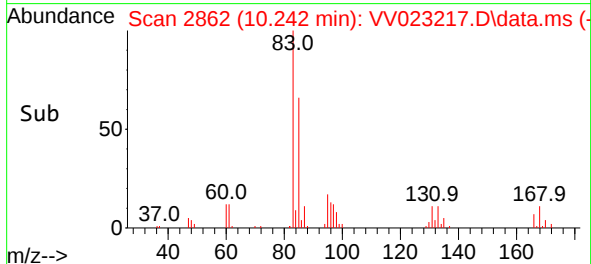
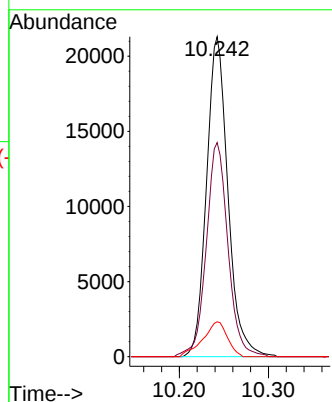
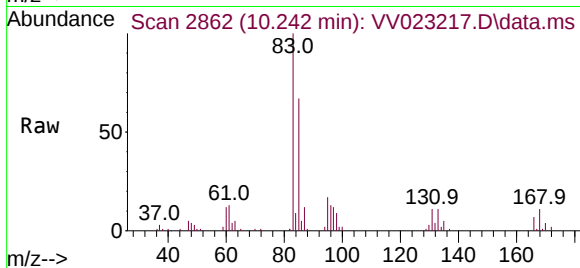




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.154 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV023217.D
 Acq: 04 Nov 2021 21:03

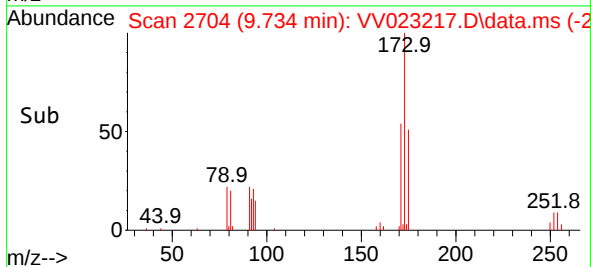
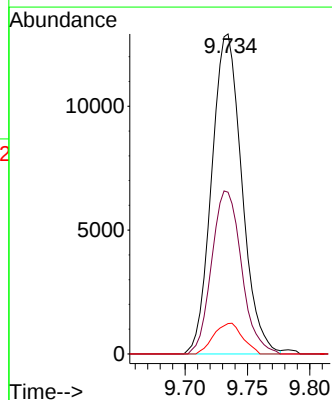
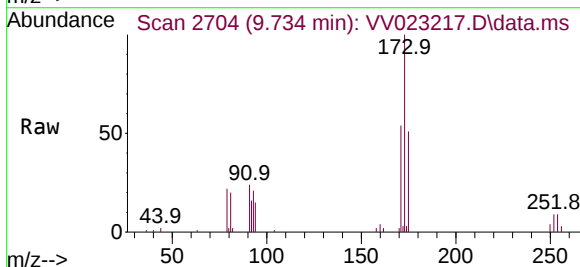
Instrument :
 MSVOA_V
 ClientSampleId :

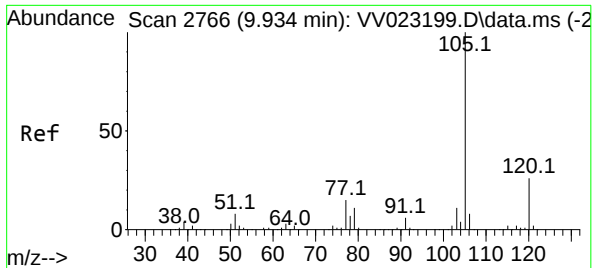
Tgt Ion: 83 Resp: 35476
 Ion Ratio Lower Upper
 83 100
 85 66.9 46.2 85.8
 131 10.9 8.7 13.1



#59
 Bromoform
 Concen: 4.790 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. -0.000 min
 Lab File: VV023217.D
 Acq: 04 Nov 2021 21:03

Tgt Ion: 173 Resp: 21756
 Ion Ratio Lower Upper
 173 100
 175 50.4 39.7 59.5
 254 9.2 6.6 10.0

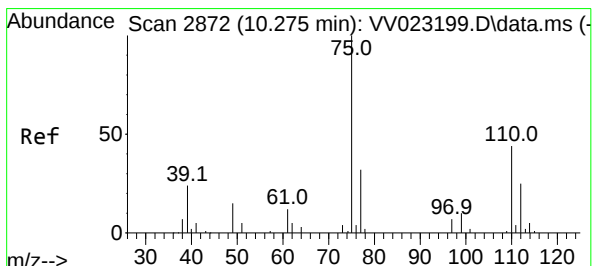
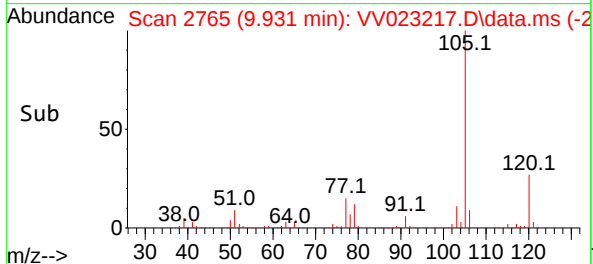
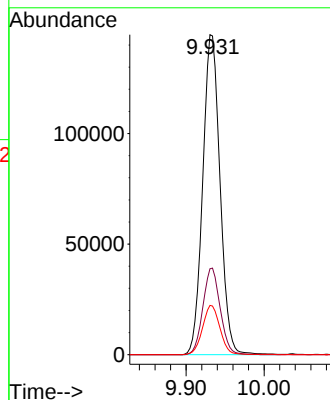
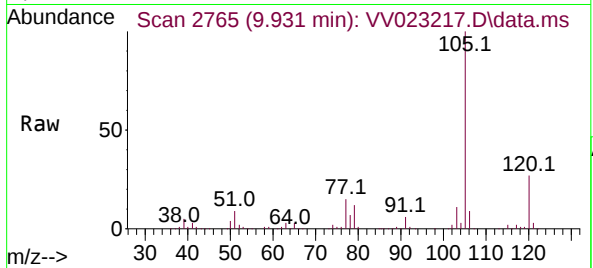




#60
Isopropylbenzene
Concen: 5.114 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

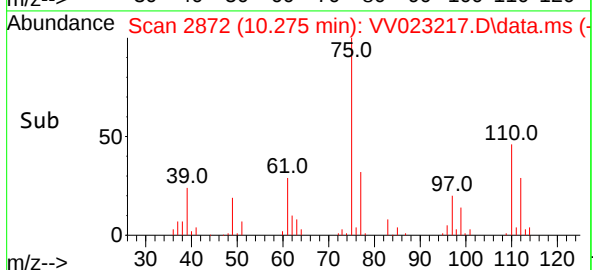
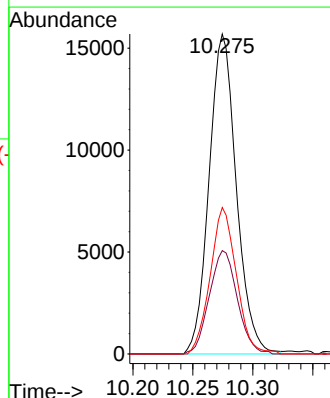
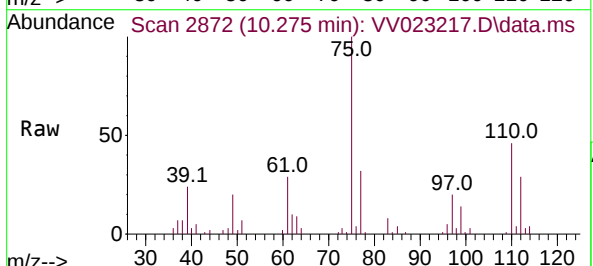
Instrument :
MSVOA_V
ClientSampleId :

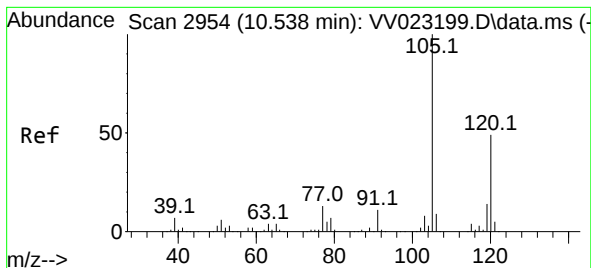
Tgt Ion:105 Resp: 223164
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 15.5 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 4.908 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion: 75 Resp: 24794
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8
110 44.0 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 4.983 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

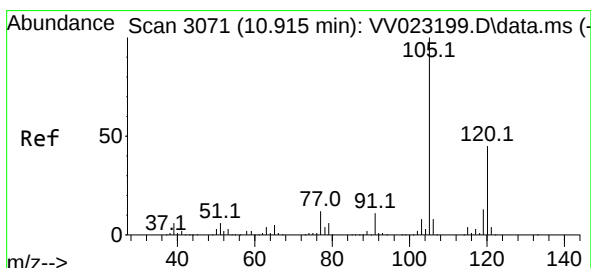
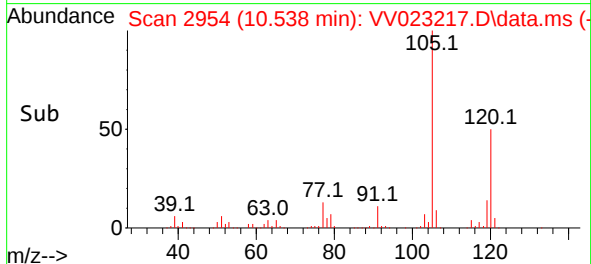
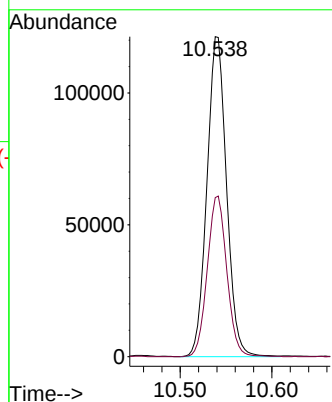
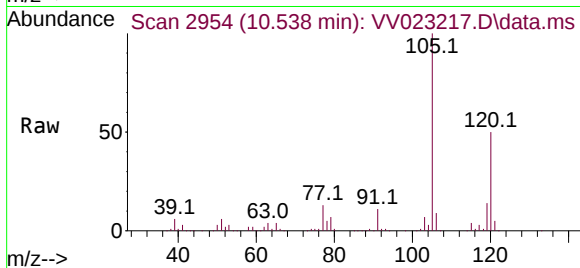
ClientSampleId :

Tgt Ion:105 Resp: 180297

Ion Ratio Lower Upper

105 100

120 50.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.140 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023217.D

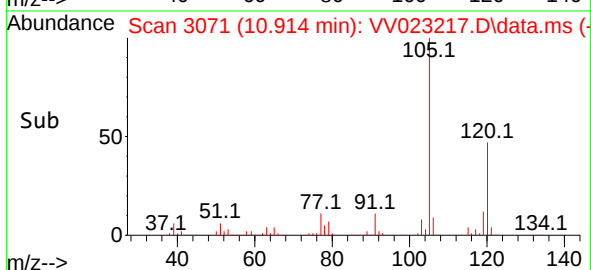
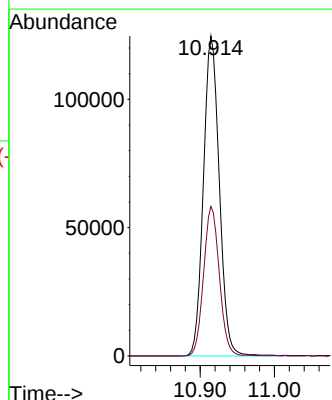
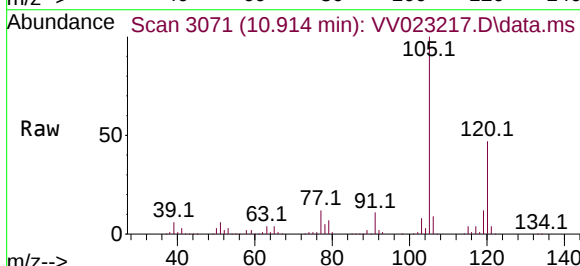
Acq: 04 Nov 2021 21:03

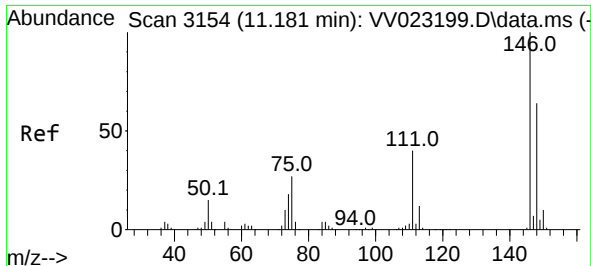
Tgt Ion:105 Resp: 185088

Ion Ratio Lower Upper

105 100

120 46.3 36.5 54.7

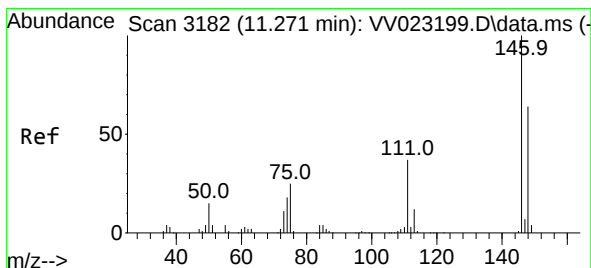
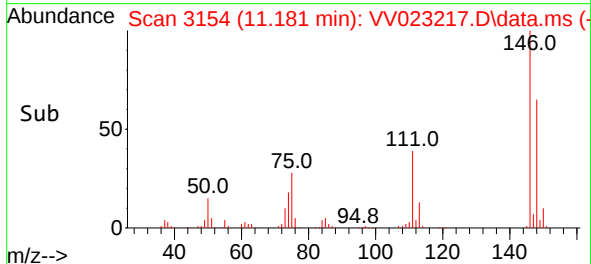
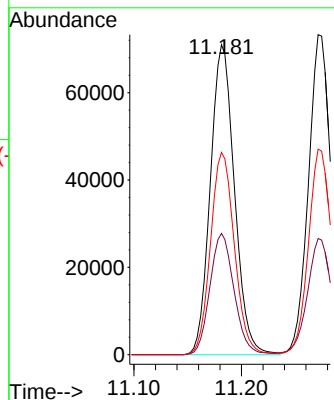
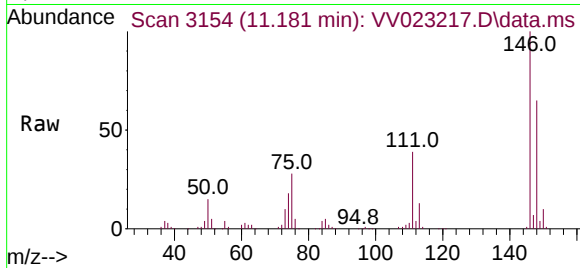




#64
1,3-Dichlorobenzene
Concen: 4.965 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

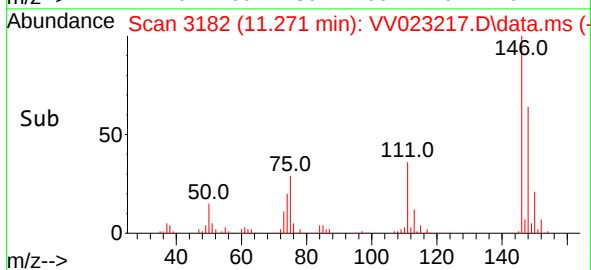
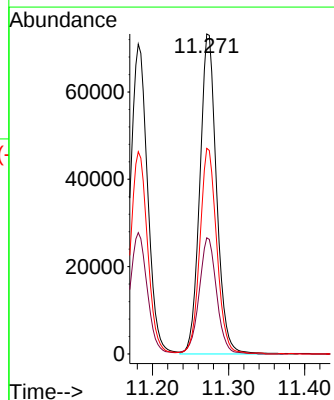
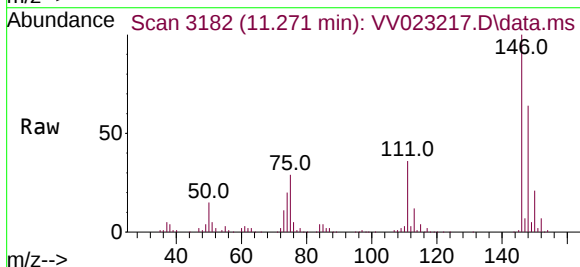
Instrument :
MSVOA_V
ClientSampleId :

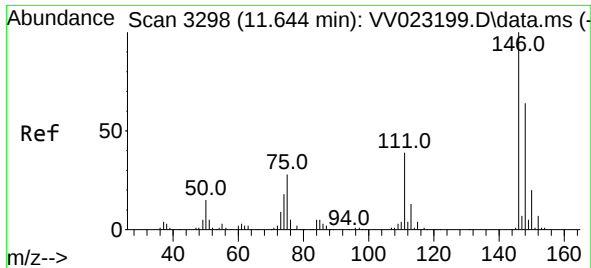
Tgt Ion:146 Resp: 110704
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.3
148 65.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.916 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion:146 Resp: 111935
Ion Ratio Lower Upper
146 100
111 36.3 26.1 48.5
148 64.2 44.7 83.1

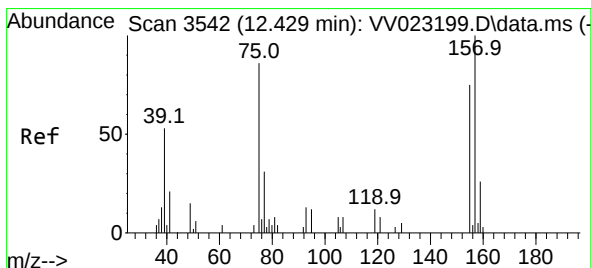
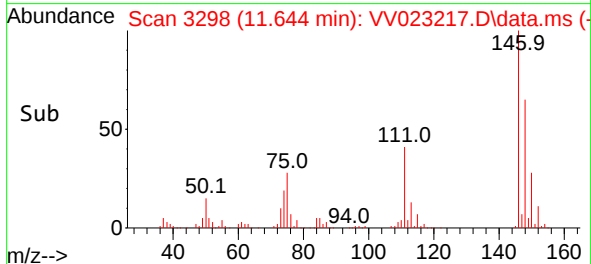
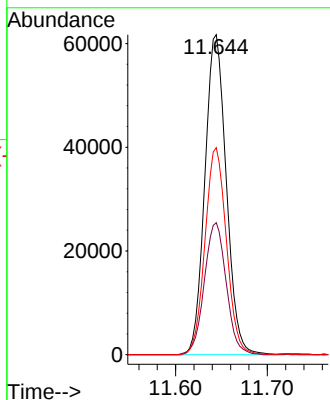
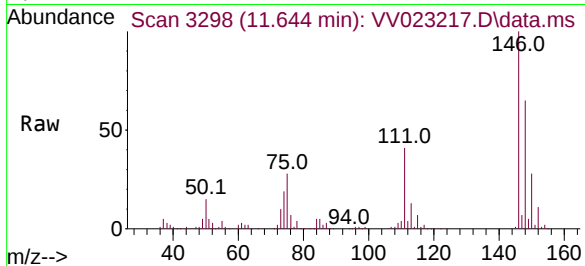




#67
1,2-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

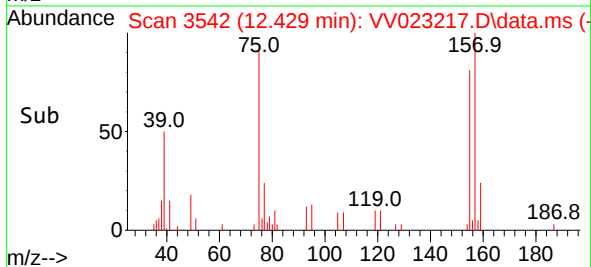
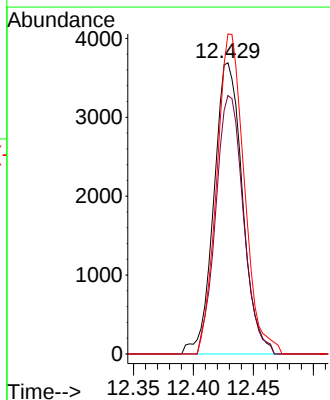
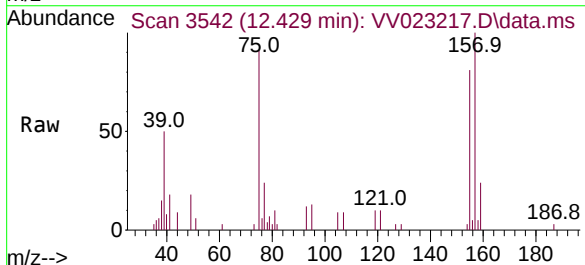
Instrument :
MSVOA_V
ClientSampleId :

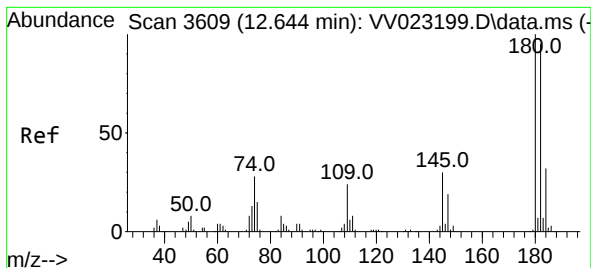
Tgt Ion:146 Resp: 100158
Ion Ratio Lower Upper
146 100
111 41.2 31.3 46.9
148 64.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.660 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023217.D
Acq: 04 Nov 2021 21:03

Tgt Ion: 75 Resp: 6091
Ion Ratio Lower Upper
75 100
155 88.7 69.4 104.2
157 109.9 92.8 139.2





#69

1,3,5-Trichlorobenzene

Concen: 4.851 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

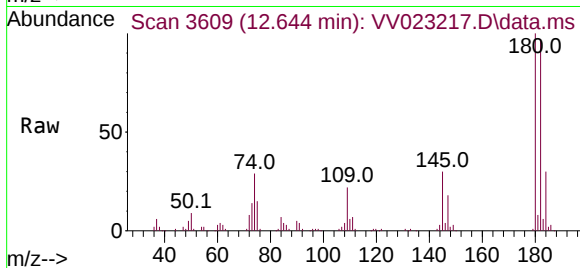
Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 84693

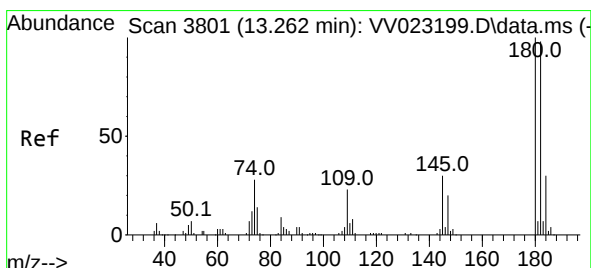
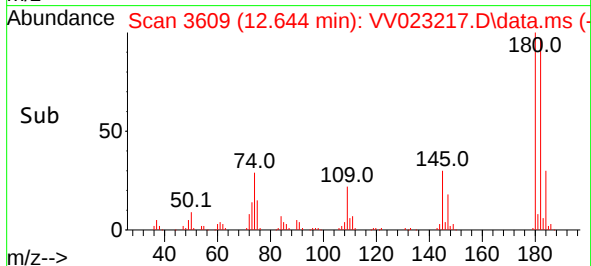
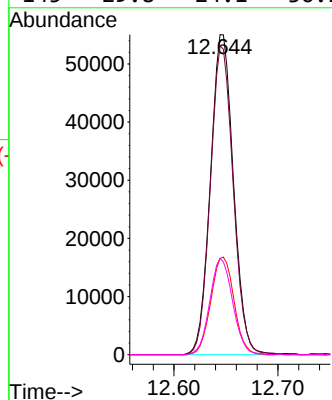
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

184 30.6 24.9 37.3

145 29.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.807 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

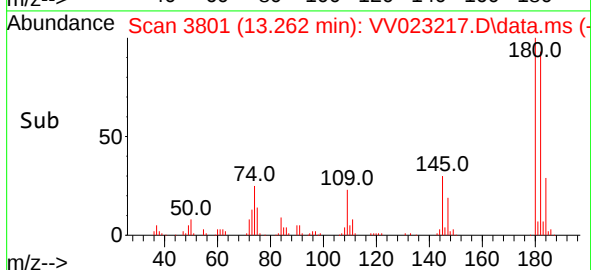
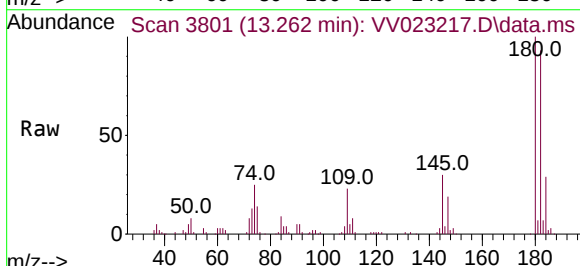
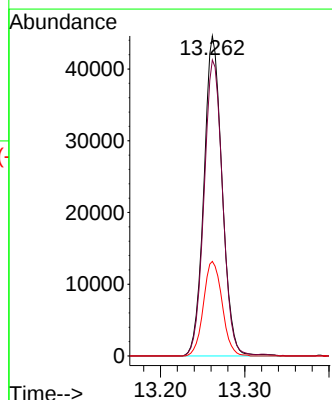
Tgt Ion:180 Resp: 67197

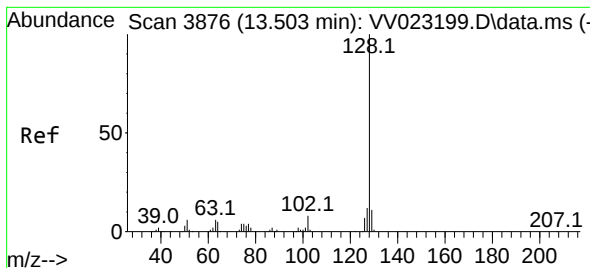
Ion Ratio Lower Upper

180 100

182 94.2 77.4 116.2

145 30.3 24.1 36.1





#71

Naphthalene

Concen: 4.659 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023217.D

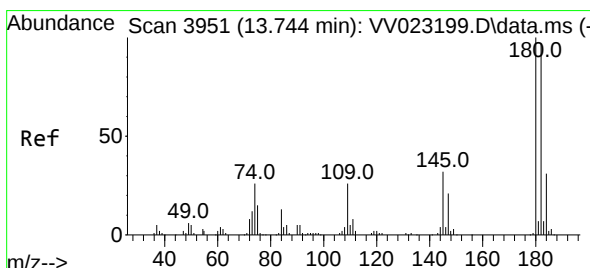
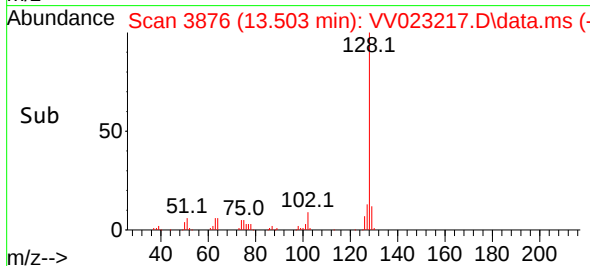
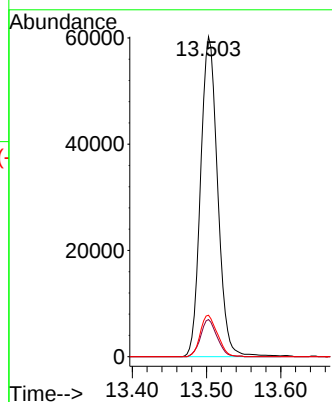
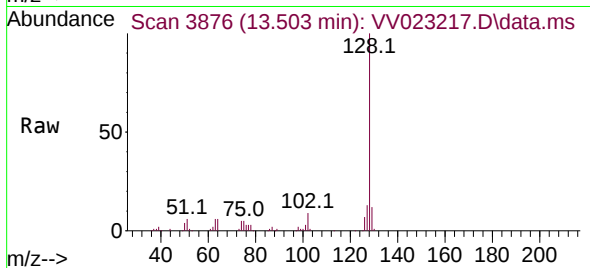
Acq: 04 Nov 2021 21:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	96045
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.6 12.8
127	13.0	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.967 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023217.D

Acq: 04 Nov 2021 21:03

Tgt Ion:180	Resp:	60755
Ion Ratio	Lower	Upper
180	100	
182	94.4	77.1 115.7
145	30.9	25.4 38.0

