

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025857.D
 Acq On : 10 May 2022 11:26
 Operator : SY/MD
 Sample : VSTD01014
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010214

Quant Time: May 11 03:18:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	328575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	332259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	166174	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38041	8.971	ug/L	0.00
7) Chloroethane-d5	1.571	69	32927	8.842	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	69469	9.367	ug/L	0.00
21) 2-Butanone-d5	3.912	46	30369	16.587	ug/L	0.02
24) Chloroform-d	4.352	84	53185	8.979	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	32407	9.053	ug/L	0.00
32) Benzene-d6	5.053	84	100005	8.634	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	30768	8.649	ug/L	0.00
41) Toluene-d8	7.317	98	89990	8.432	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	12808	8.065	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	19570	14.771	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41567	8.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	32603	8.944	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	35349	10.405	ug/L	96
3) Chloromethane	1.243	50	43589	10.609	ug/L	99
5) Vinyl chloride	1.314	62	43155	10.332	ug/L	99
6) Bromomethane	1.526	94	26277	10.353	ug/L	100
8) Chloroethane	1.587	64	31696	10.161	ug/L	98
9) Trichlorofluoromethane	1.754	101	61507	10.362	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	32362	10.261	ug/L	99
12) 1,1-Dichloroethene	2.121	96	31807	10.254	ug/L	95
13) Acetone	2.182	43	28556	23.022	ug/L	95
14) Carbon disulfide	2.298	76	78473	10.228	ug/L	100
15) Methyl Acetate	2.442	43	28735	10.814	ug/L	98
16) Methylene chloride	2.510	84	31384	10.445	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	26932	10.106	ug/L	97
18) Methyl tert-butyl Ether	2.773	73	74436	9.604	ug/L	98
19) 1,1-Dichloroethane	3.195	63	50594	10.164	ug/L	97
20) cis-1,2-Dichloroethene	3.918	96	27977	9.726	ug/L	98
22) 2-Butanone	3.995	43	26561	16.326	ug/L	91
23) Bromochloromethane	4.252	128	15636	10.291	ug/L	99
25) Chloroform	4.378	83	54329	10.300	ug/L	99
27) 1,2-Dichloroethane	5.137	62	40740	10.216	ug/L	99
29) Cyclohexane	4.677	56	36922	9.179	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	46679	10.345	ug/L	98
31) Carbon tetrachloride	4.831	117	38162	10.073	ug/L	98
33) Benzene	5.101	78	111522	9.968	ug/L	100
34) Trichloroethene	5.918	95	28605	9.776	ug/L	97
35) Methylcyclohexane	6.130	83	39654	9.048	ug/L	96
37) 1,2-Dichloropropane	6.175	63	28072	9.989	ug/L	99
38) Bromodichloromethane	6.513	83	37792	9.944	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	36443	9.093	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	62299	18.964	ug/L	97
42) Toluene	7.387	91	115360	9.612	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	34568	8.966	ug/L	99

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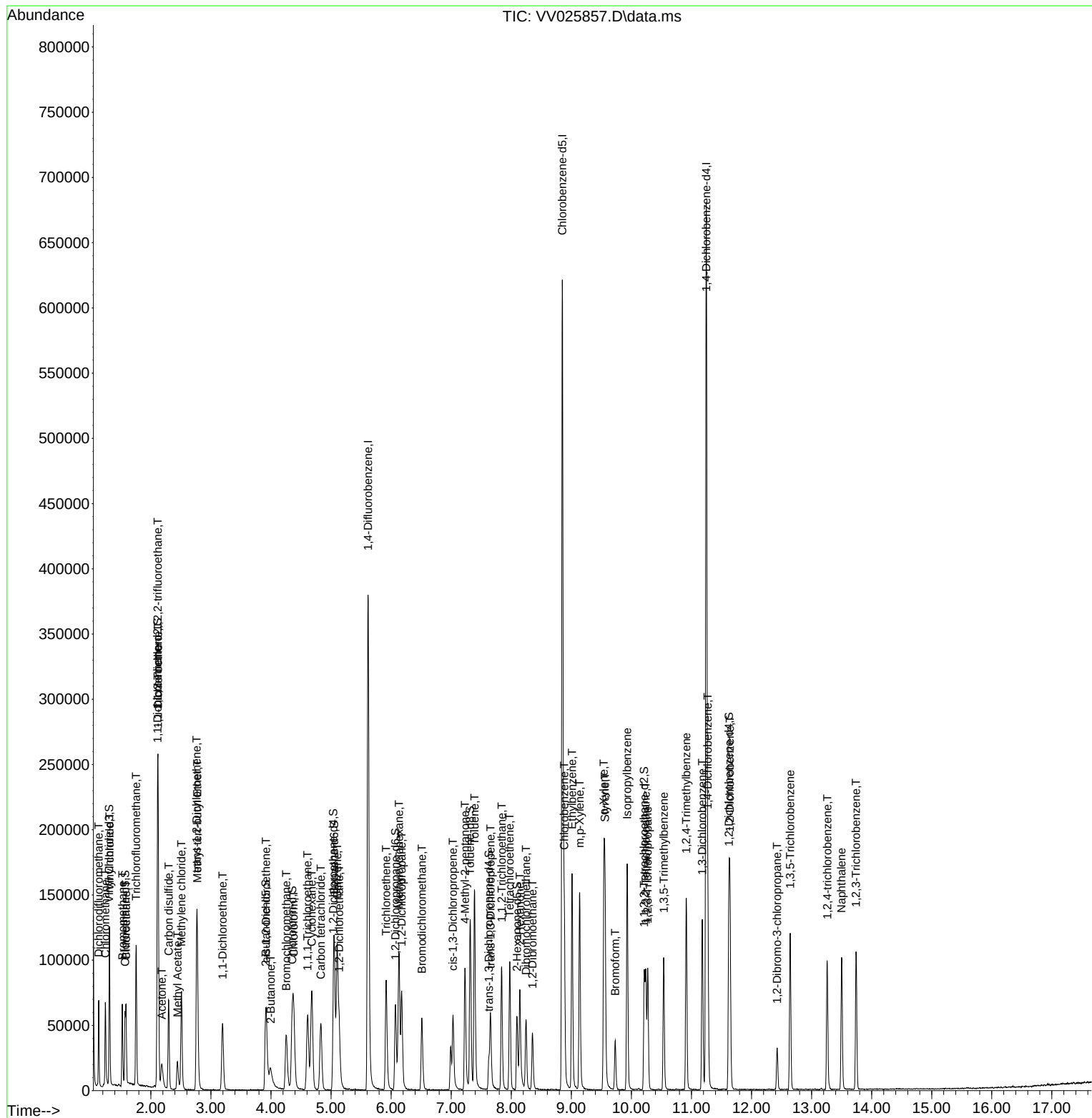
Quant Time: May 11 03:18:09 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
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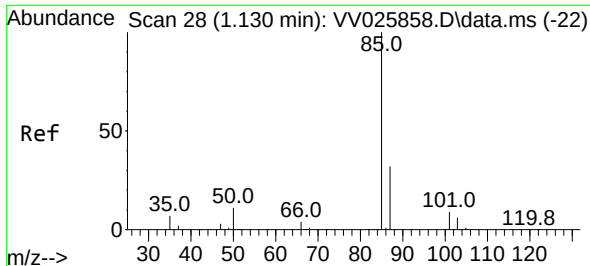
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	28720	10.058	ug/L	96
46) Tetrachloroethene	7.976	164	21708	10.057	ug/L	97
48) 2-Hexanone	8.143	43	49178	19.240	ug/L	95
49) Dibromochloromethane	8.246	129	25964	9.218	ug/L	95
50) 1,2-Dibromoethane	8.352	107	28903	9.953	ug/L #	98
51) Chlorobenzene	8.882	112	75312	9.800	ug/L	98
52) Ethylbenzene	9.011	91	113051	9.130	ug/L	99
53) m,p-Xylene	9.140	106	43660	9.091	ug/L	92
54) o-Xylene	9.542	106	42144	8.933	ug/L	97
55) Styrene	9.561	104	71427	8.689	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42063	9.873	ug/L	99
59) Bromoform	9.731	173	15936	9.941	ug/L	99
60) Isopropylbenzene	9.931	105	108724	9.768	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	35500	10.793	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	51687	9.009	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	79229	8.900	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	52662	9.995	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	56738	10.276	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	55528	10.189	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7719	10.159	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	35509	9.761	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	29093	9.391	ug/L	99
71) Naphthalene	13.500	128	80195	8.741	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	30315	9.603	ug/L	100

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

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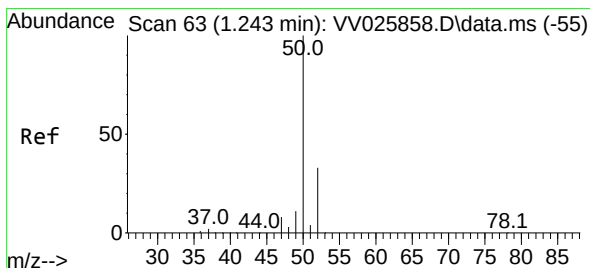
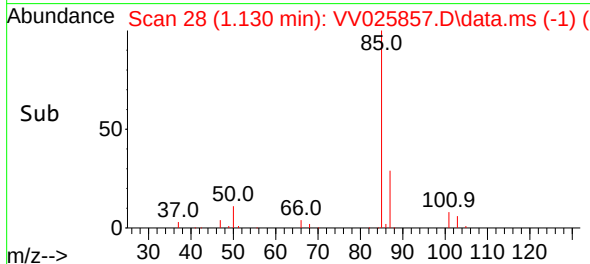
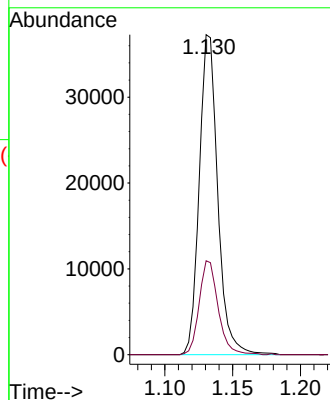
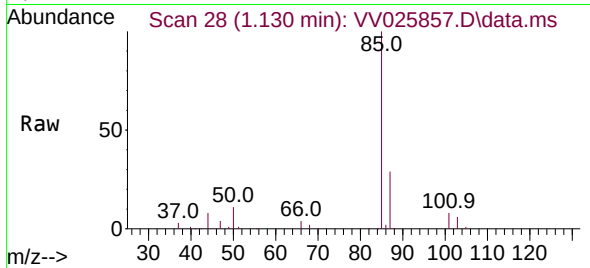




#2
 Dichlorodifluoromethane
 Concen: 10.405 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

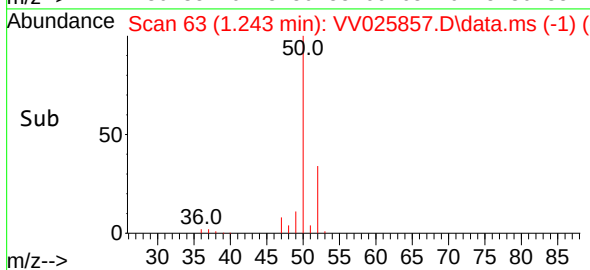
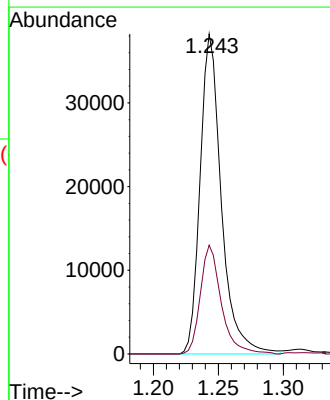
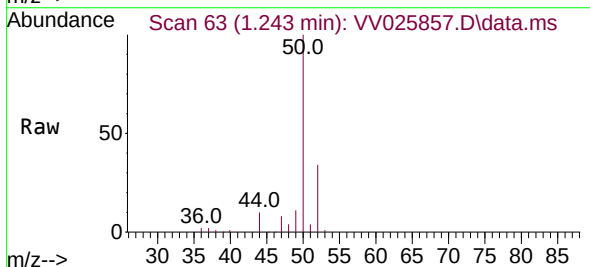
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010214

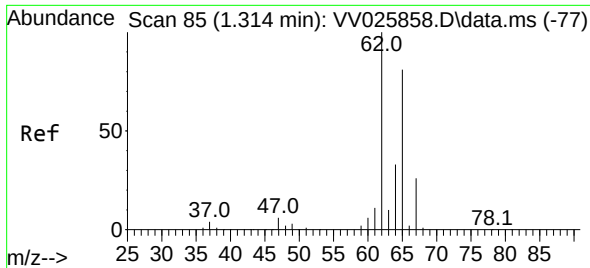
Tgt Ion: 85 Resp: 35349
 Ion Ratio Lower Upper
 85 100
 87 30.1 26.0 39.0



#3
 Chloromethane
 Concen: 10.609 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Tgt Ion: 50 Resp: 43589
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.2

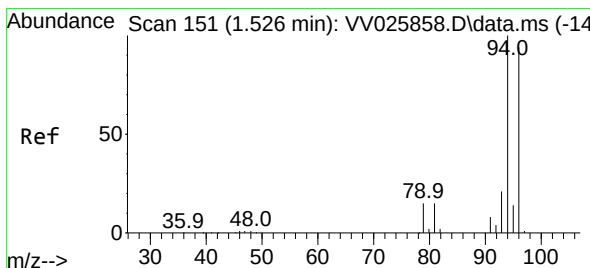
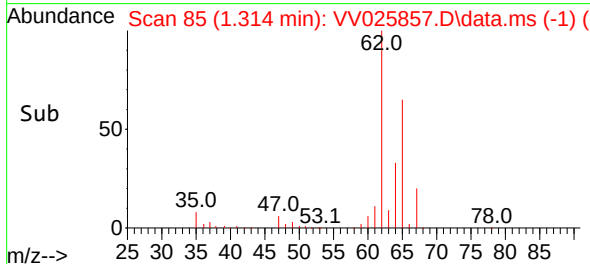
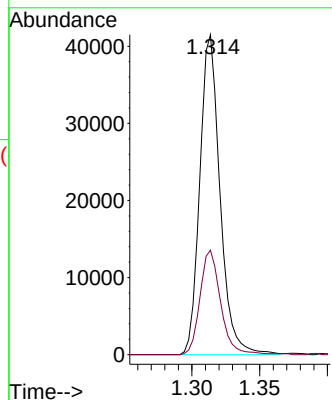
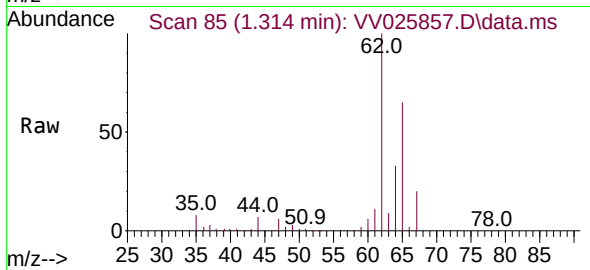




#5
 Vinyl chloride
 Concen: 10.332 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

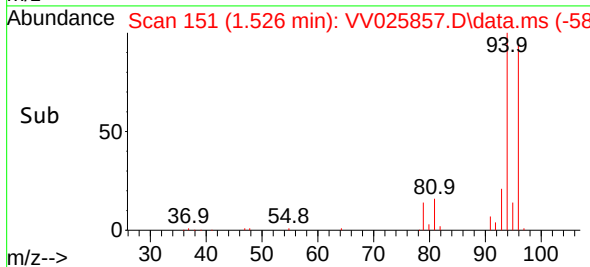
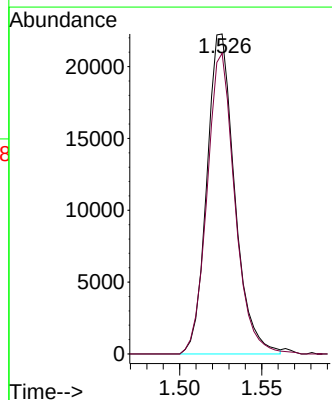
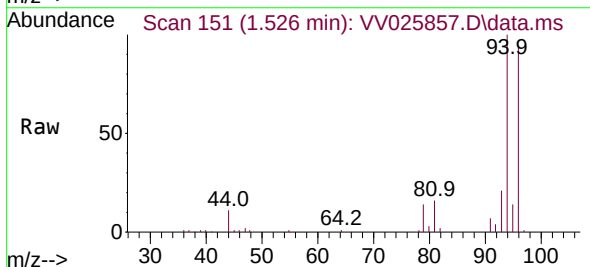
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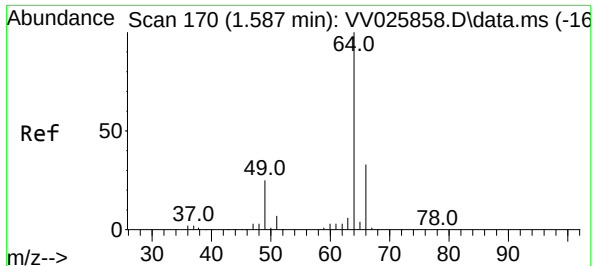
Tgt Ion: 62 Resp: 43155
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 10.353 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Tgt Ion: 94 Resp: 26277
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.9 122.3

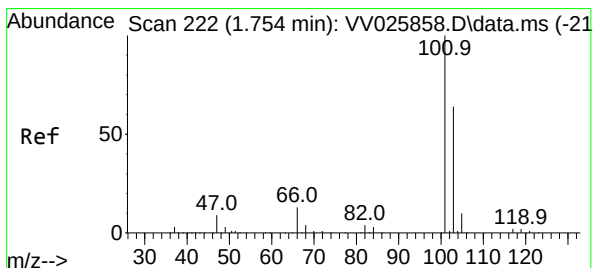
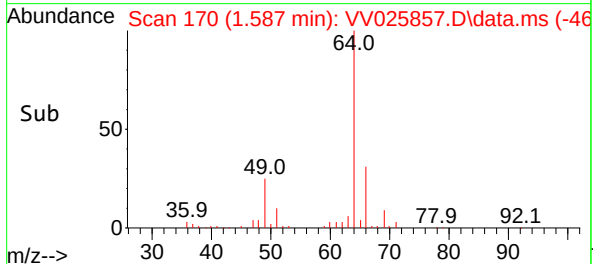
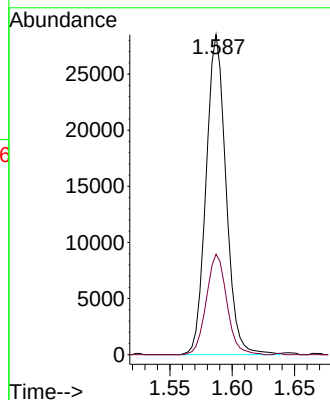
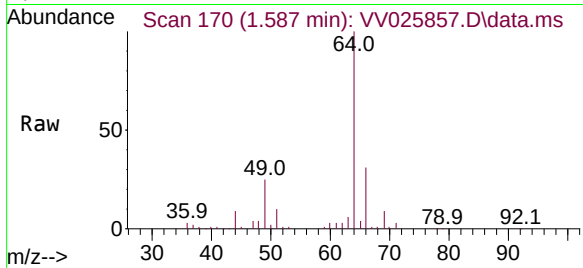




#8
Chloroethane
Concen: 10.161 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

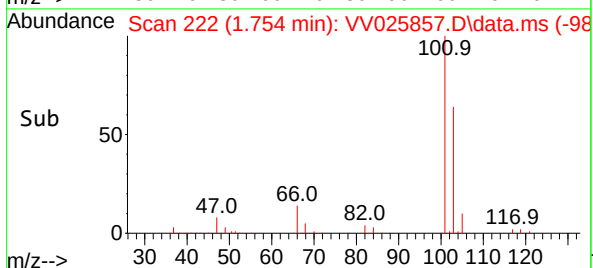
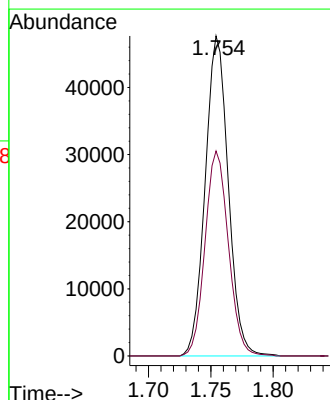
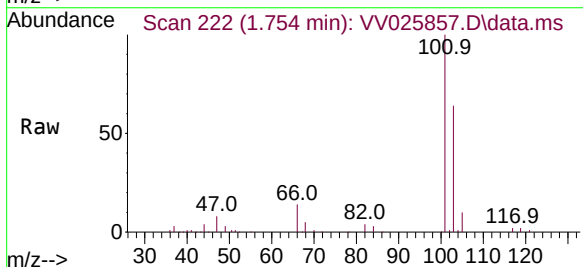
Instrument :
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ClientSampleId :
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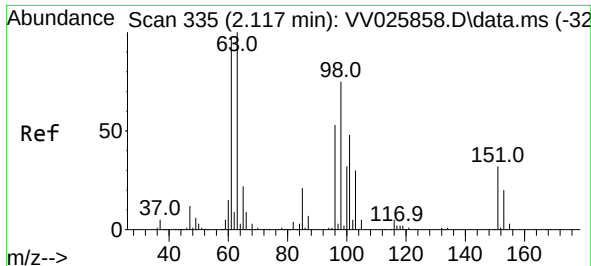
Tgt Ion: 64 Resp: 31696
Ion Ratio Lower Upper
64 100
66 31.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 10.362 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion:101 Resp: 61507
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

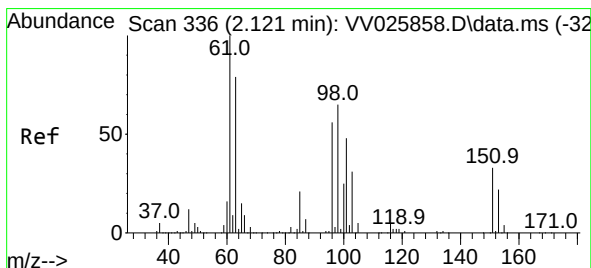
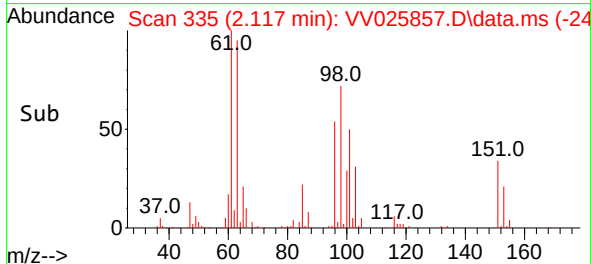
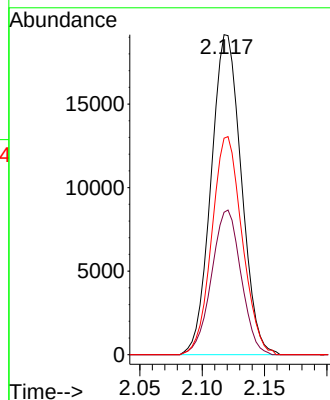
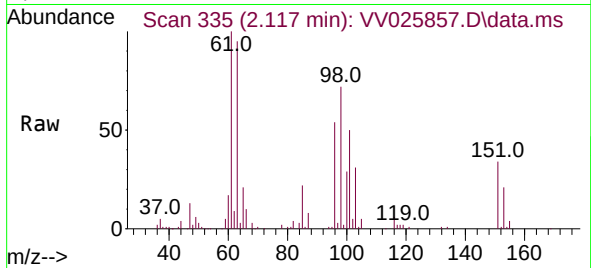




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.261 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

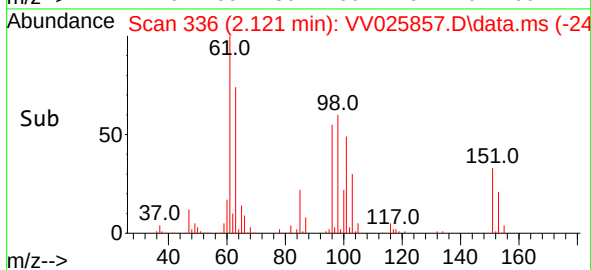
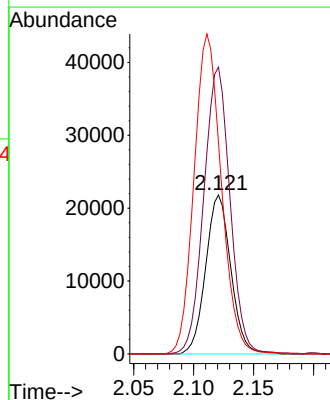
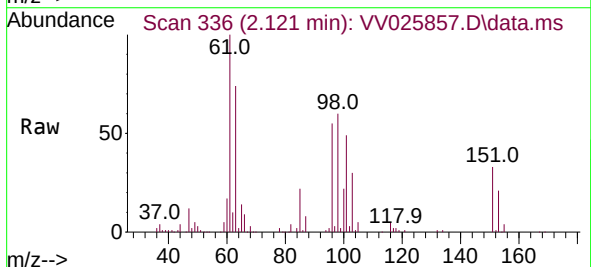
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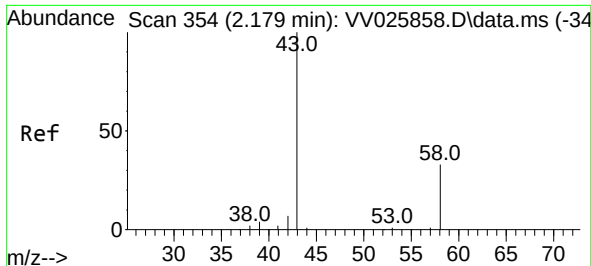
Tgt Ion:101 Resp: 32362
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.6 51.8
 151 68.3 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 10.254 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Tgt Ion: 96 Resp: 31807
 Ion Ratio Lower Upper
 96 100
 61 180.3 124.6 231.4
 63 133.3 101.6 188.6





#13

Acetone

Concen: 23.022 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

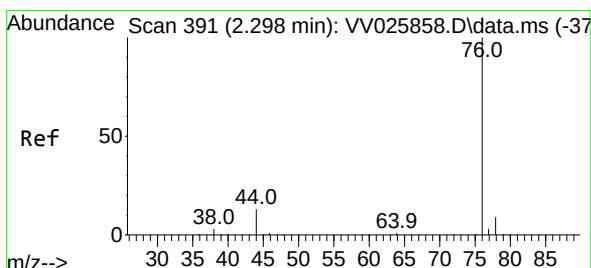
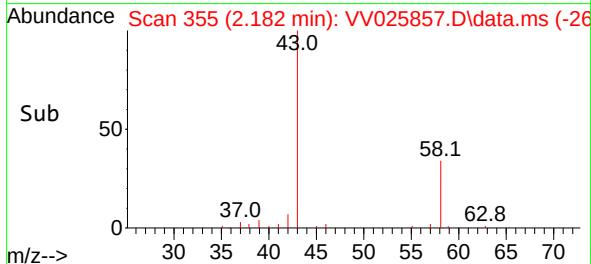
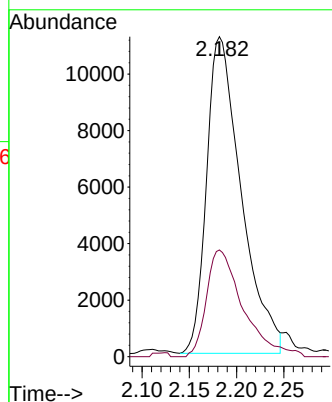
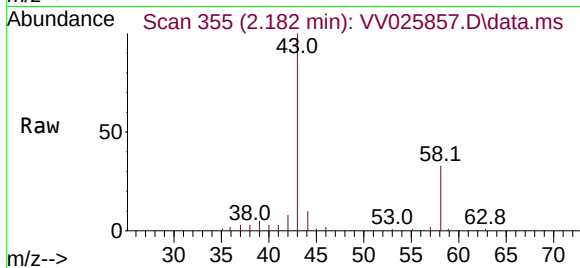
VSTD010214

Tgt Ion: 43 Resp: 28556

Ion Ratio Lower Upper

43 100

58 35.1 0.0 65.0



#14

Carbon disulfide

Concen: 10.228 ug/L

RT: 2.298 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025857.D

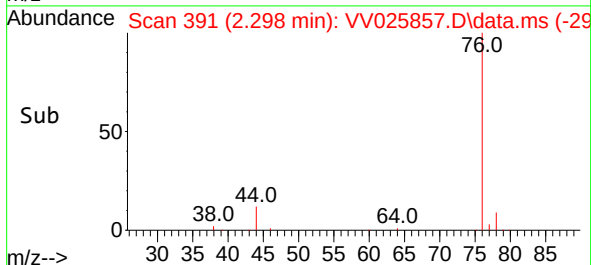
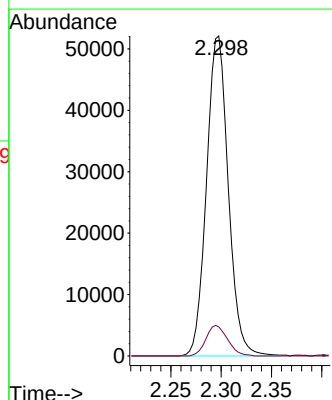
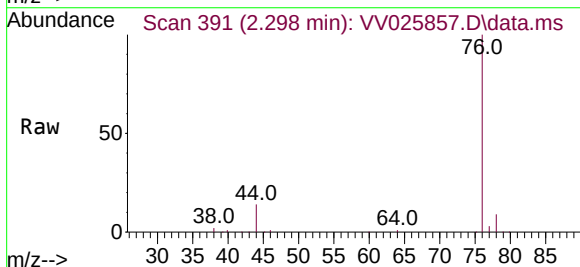
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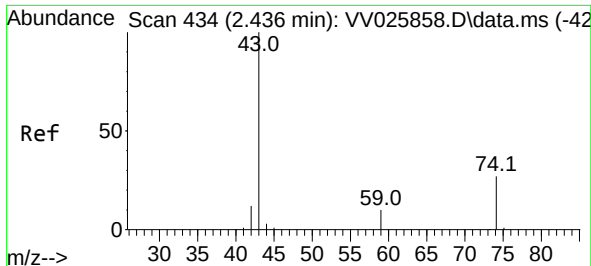
Tgt Ion: 76 Resp: 78473

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

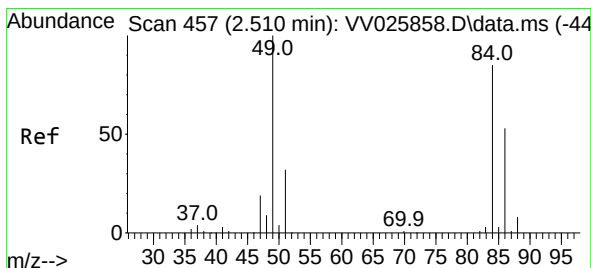
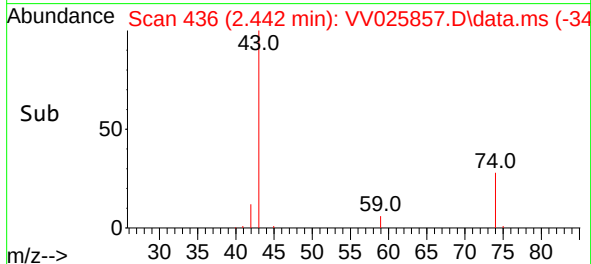
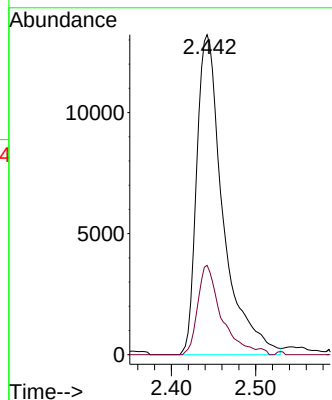
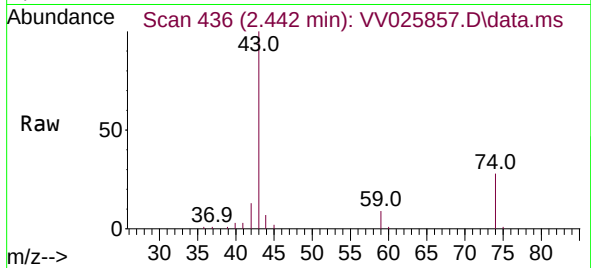




#15
Methyl Acetate
Concen: 10.814 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

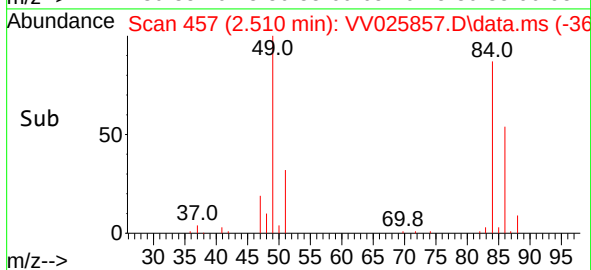
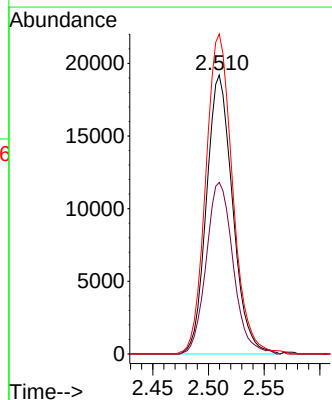
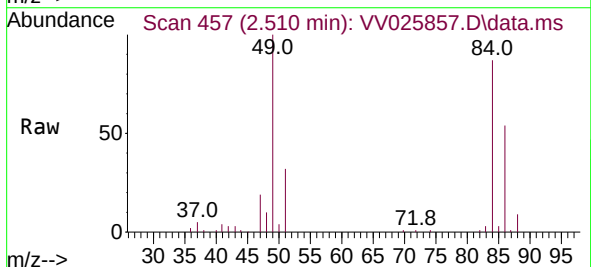
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MSVOA_V
ClientSampleId :
VSTD010214

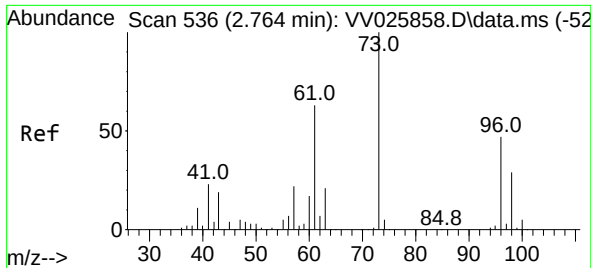
Tgt Ion: 43 Resp: 28735
Ion Ratio Lower Upper
43 100
74 24.8 20.7 31.1



#16
Methylene chloride
Concen: 10.445 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion: 84 Resp: 31384
Ion Ratio Lower Upper
84 100
86 61.5 44.2 82.0
49 114.8 82.7 153.5



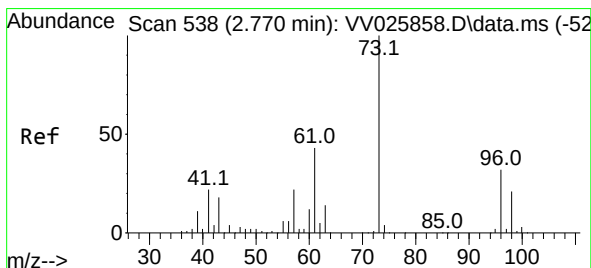
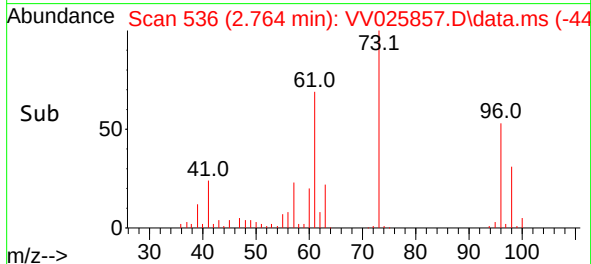
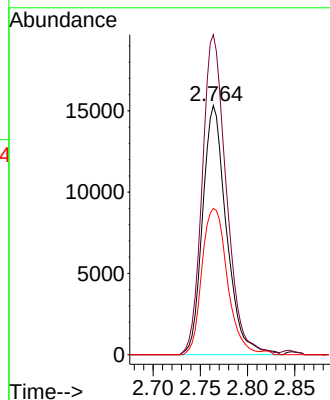
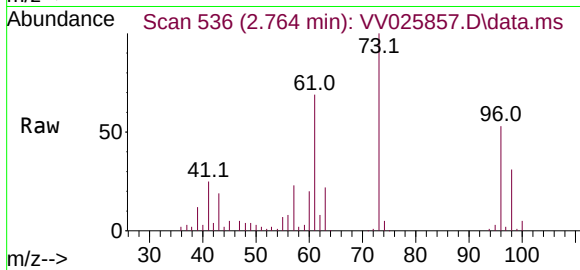


#17
 trans-1,2-Dichloroethene
 Concen: 10.106 ug/L
 RT: 2.764 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010214

Tgt Ion: 96 Resp: 26932

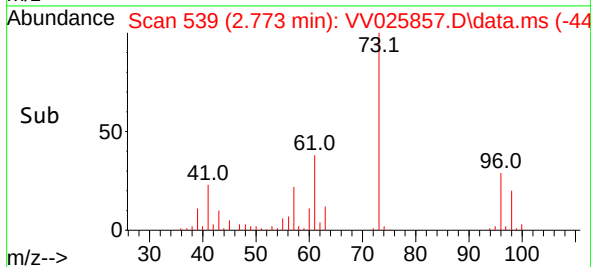
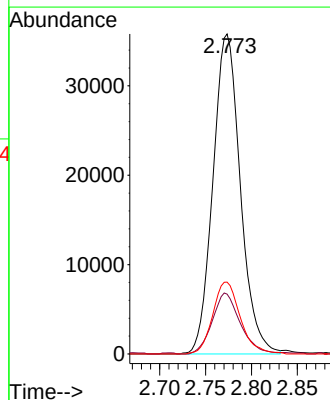
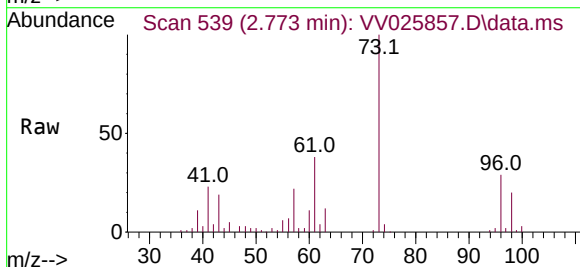
Ion	Ratio	Lower	Upper
96	100		
61	128.5	92.7	172.1
98	58.7	43.1	80.1

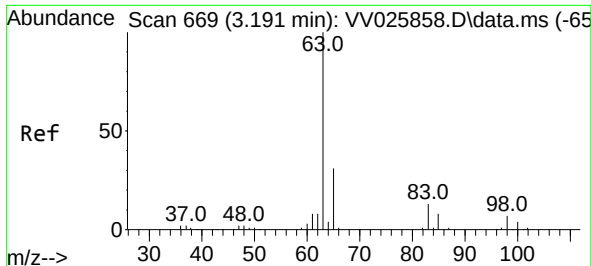


#18
 Methyl tert-butyl Ether
 Concen: 9.604 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. 0.003 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Tgt Ion: 73 Resp: 74436

Ion	Ratio	Lower	Upper
73	100		
43	19.4	14.6	22.0
57	22.6	17.5	26.3





#19

1,1-Dichloroethane

Concen: 10.164 ug/L

RT: 3.195 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD010214

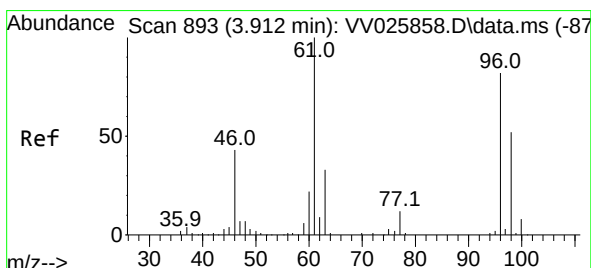
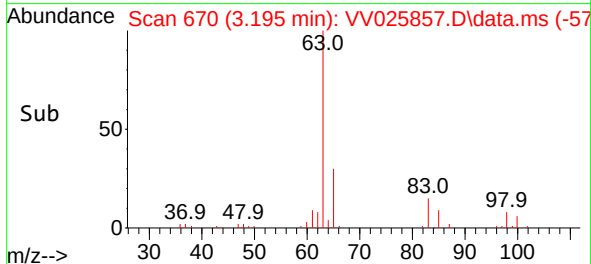
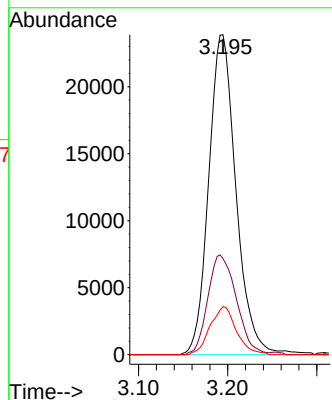
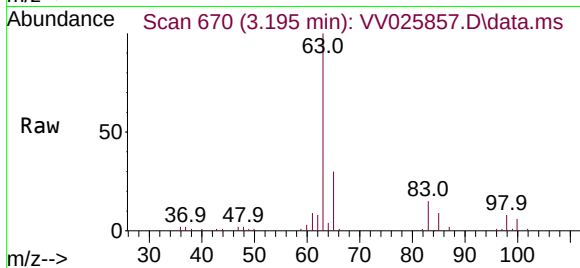
Tgt Ion: 63 Resp: 50594

Ion Ratio Lower Upper

63 100

65 30.1 22.0 40.8

83 15.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 9.726 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

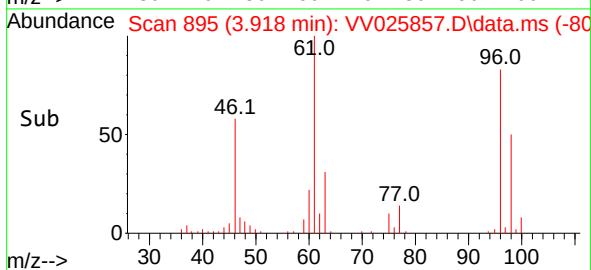
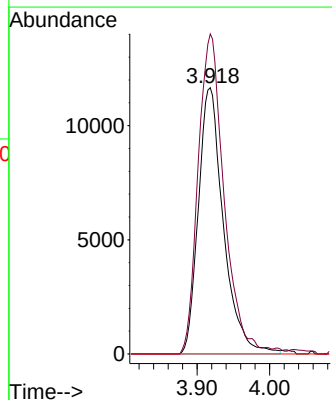
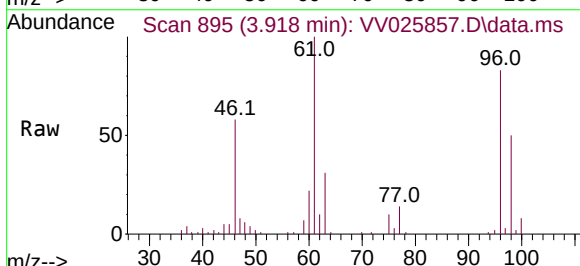
Tgt Ion: 96 Resp: 27977

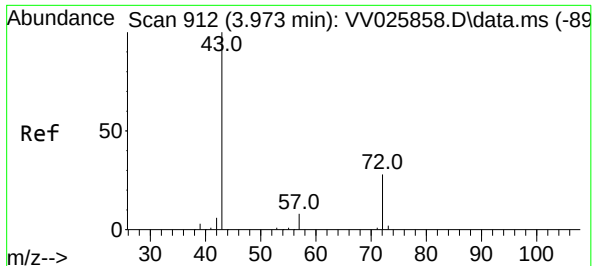
Ion Ratio Lower Upper

96 100

61 120.2 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 16.326 ug/L

RT: 3.995 min Scan# 912

Delta R.T. 0.023 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

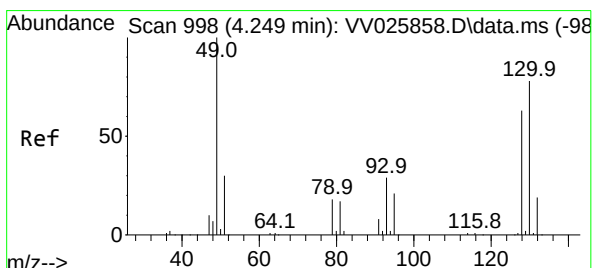
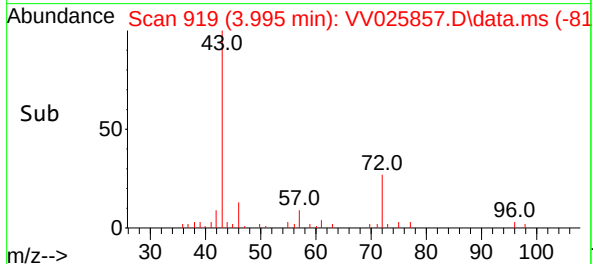
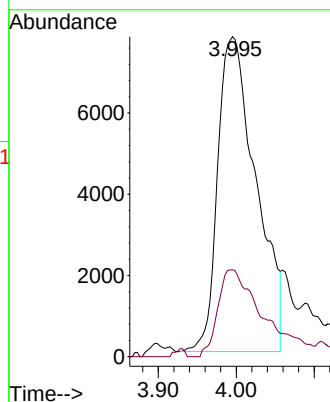
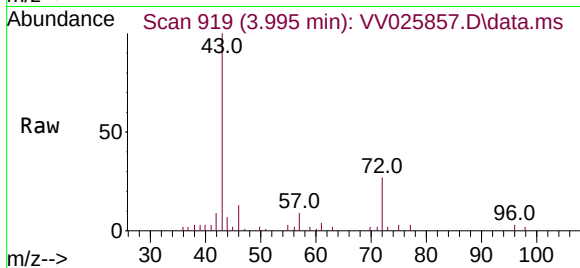
VSTD010214

Tgt Ion: 43 Resp: 26561

Ion Ratio Lower Upper

43 100

72 32.2 13.8 41.4



#23

Bromochloromethane

Concen: 10.291 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Tgt Ion:128 Resp: 15636

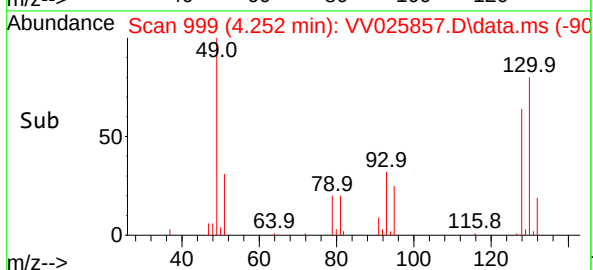
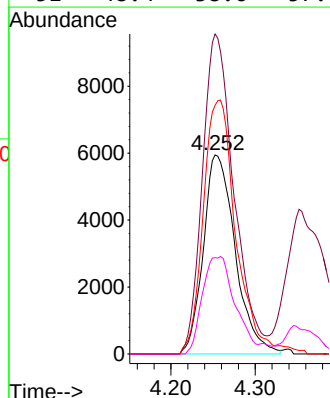
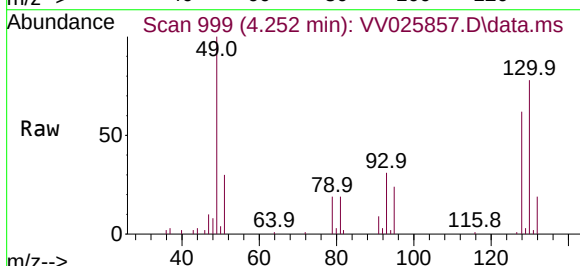
Ion Ratio Lower Upper

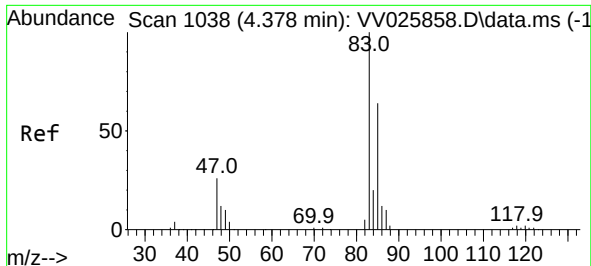
128 100

49 160.7 111.0 206.2

130 124.9 87.1 161.7

51 48.4 38.6 57.8





#25

Chloroform

Concen: 10.300 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

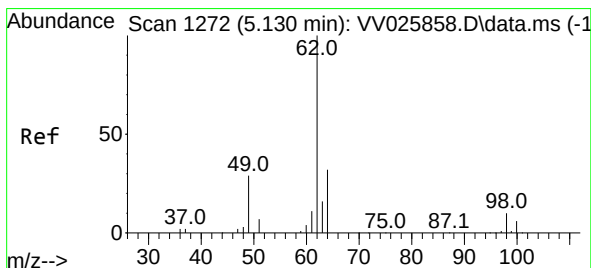
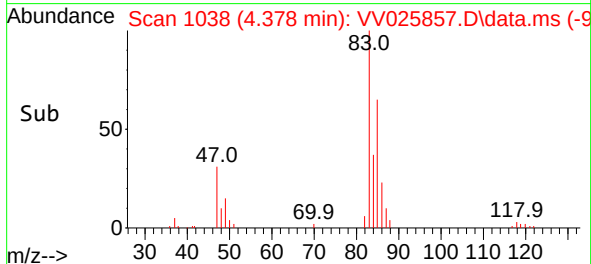
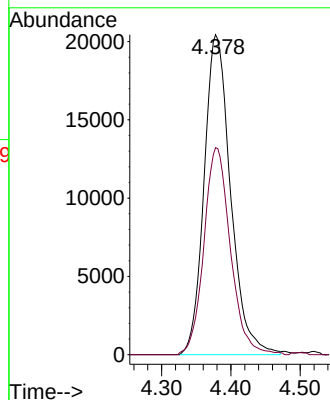
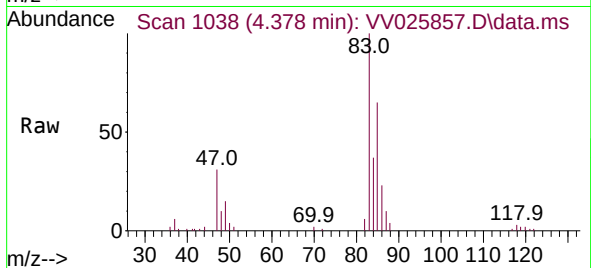
VSTD010214

Tgt Ion: 83 Resp: 54329

Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.3



#27

1,2-Dichloroethane

Concen: 10.216 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV025857.D

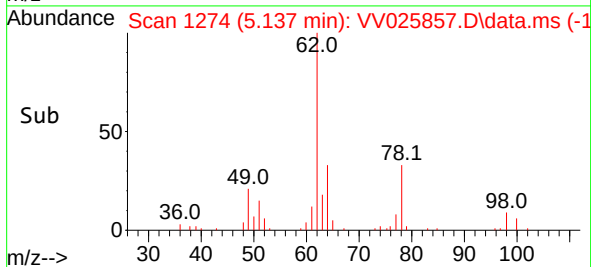
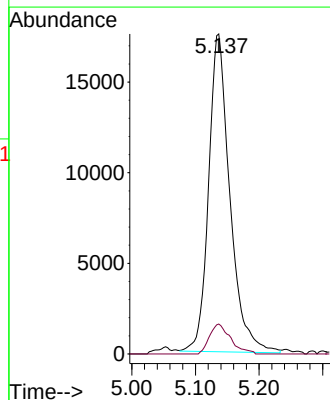
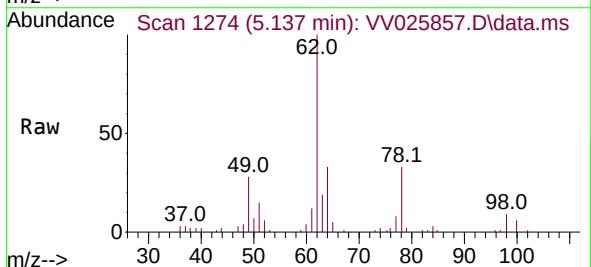
Acq: 10 May 2022 11:26

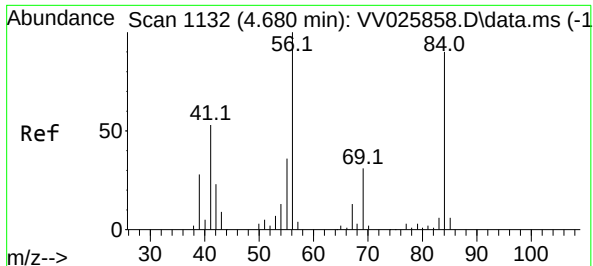
Tgt Ion: 62 Resp: 40740

Ion Ratio Lower Upper

62 100

98 9.4 7.7 11.5





#29

Cyclohexane

Concen: 9.179 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD010214

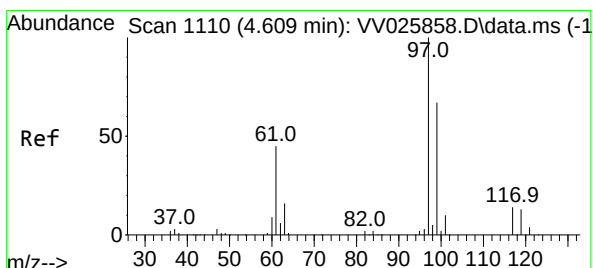
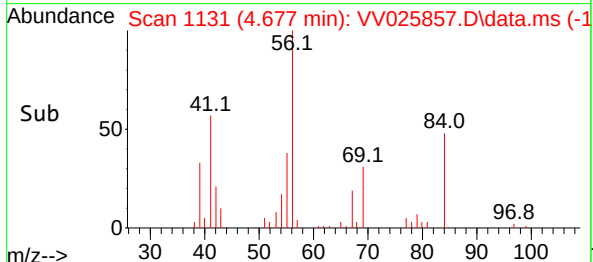
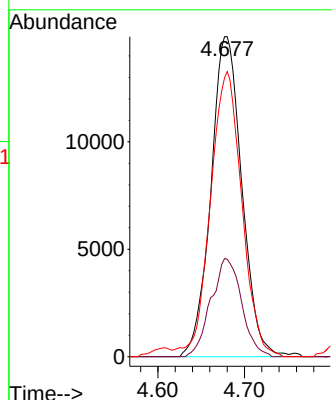
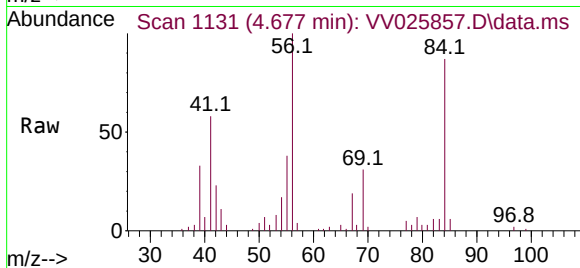
Tgt Ion: 56 Resp: 36922

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 89.9 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 10.345 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

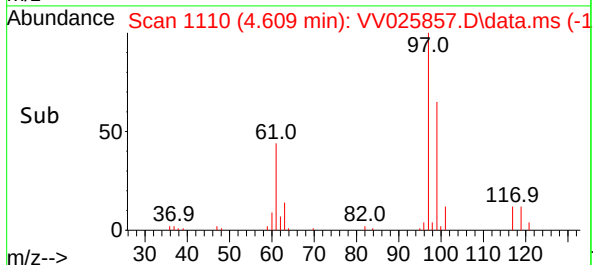
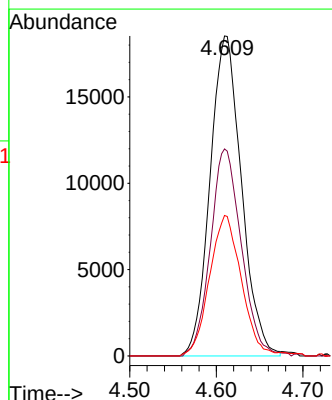
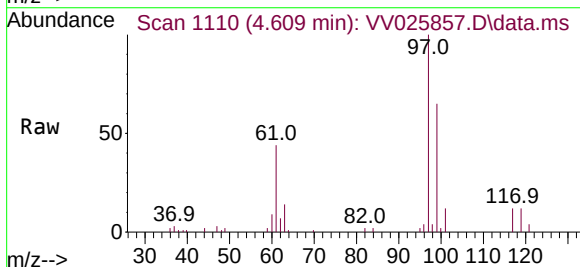
Tgt Ion: 97 Resp: 46679

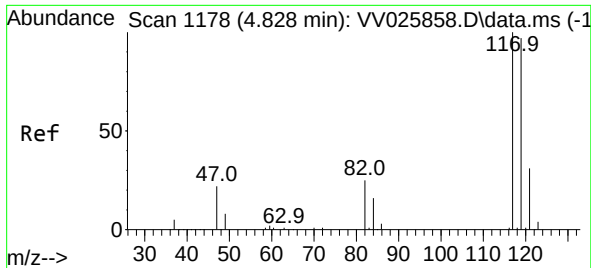
Ion Ratio Lower Upper

97 100

99 63.6 52.6 78.8

61 44.2 35.6 53.4

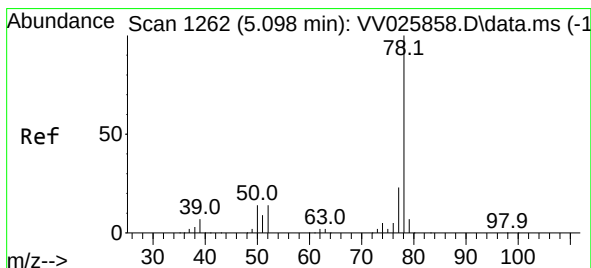
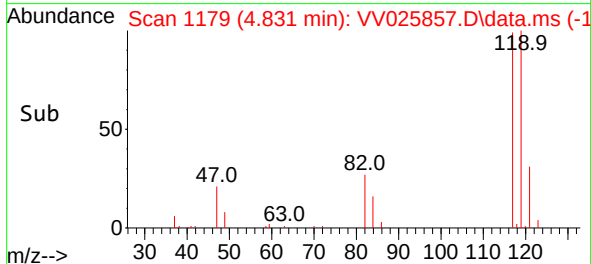
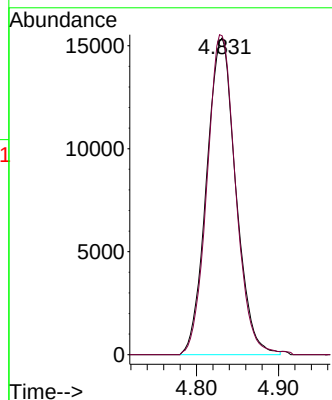
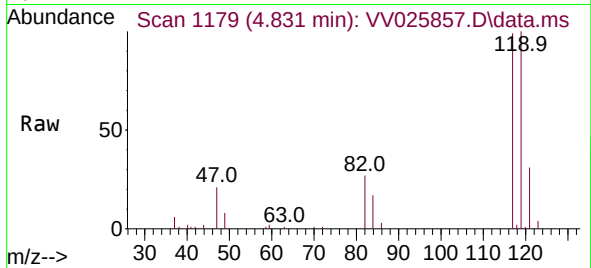




#31
Carbon tetrachloride
Concen: 10.073 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

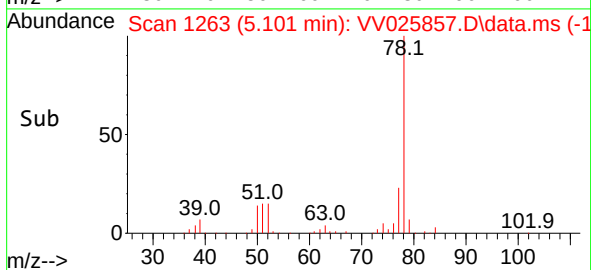
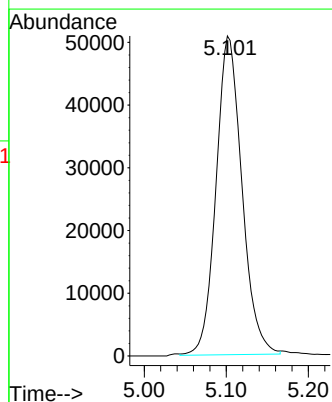
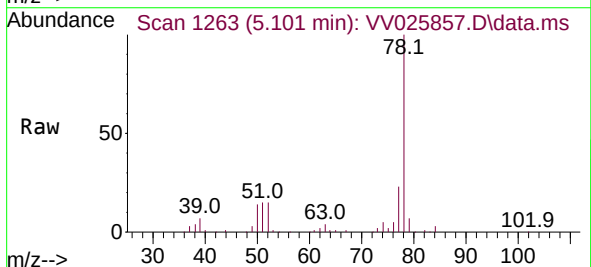
Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

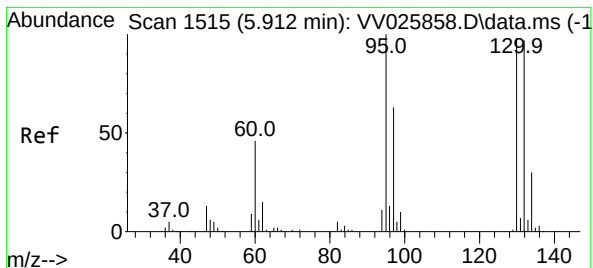
Tgt Ion:117 Resp: 38162
Ion Ratio Lower Upper
117 100
119 98.1 76.9 115.3



#33
Benzene
Concen: 9.968 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion: 78 Resp: 111522





#34

Trichloroethene

Concen: 9.776 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD010214

Tgt Ion: 95 Resp: 28605

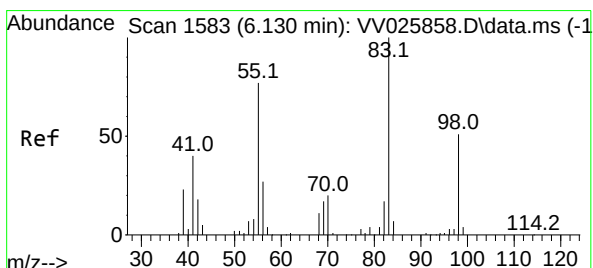
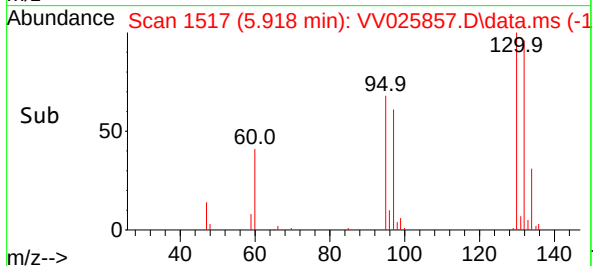
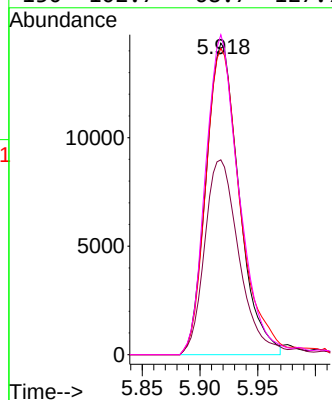
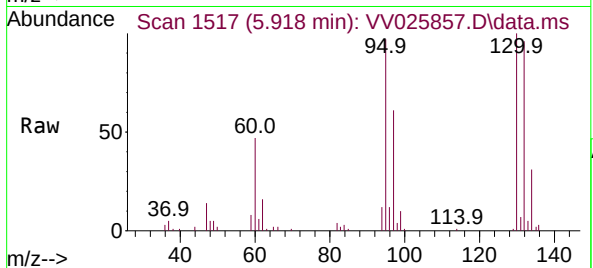
Ion Ratio Lower Upper

95 100

97 62.6 44.2 82.0

132 98.3 67.7 125.7

130 102.7 68.7 127.7



#35

Methylcyclohexane

Concen: 9.048 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

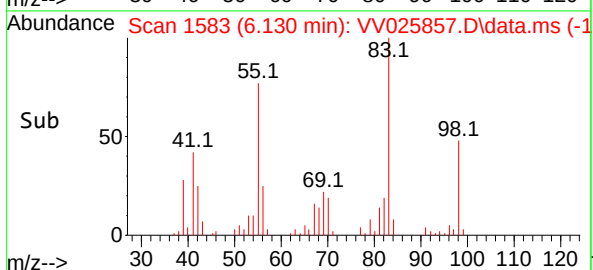
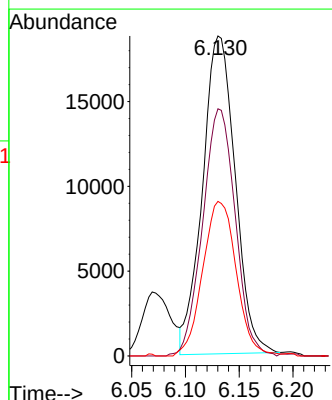
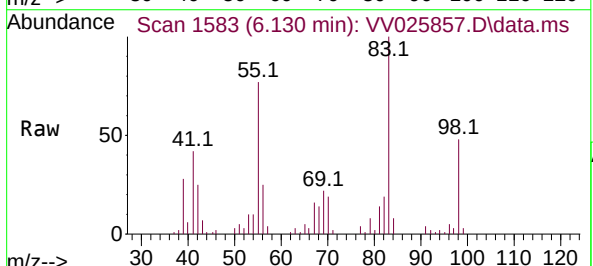
Tgt Ion: 83 Resp: 39654

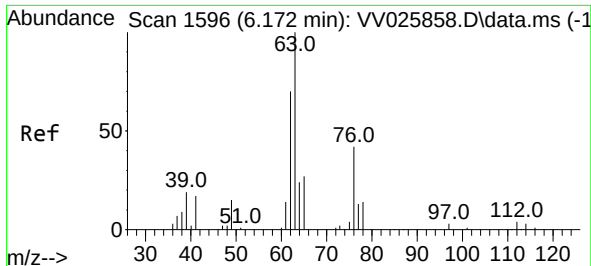
Ion Ratio Lower Upper

83 100

55 77.5 58.6 87.8

98 50.0 39.1 58.7





#37

1,2-Dichloropropane

Concen: 9.989 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

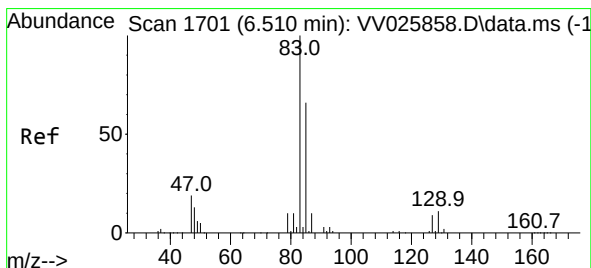
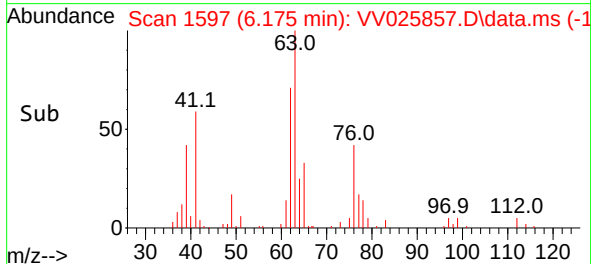
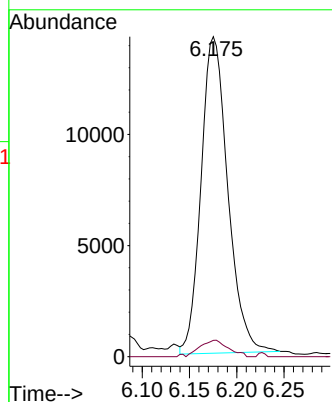
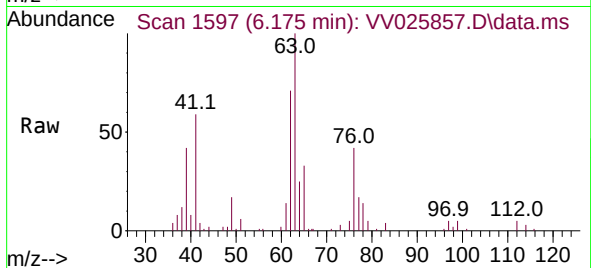
VSTD010214

Tgt Ion: 63 Resp: 28072

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 9.944 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

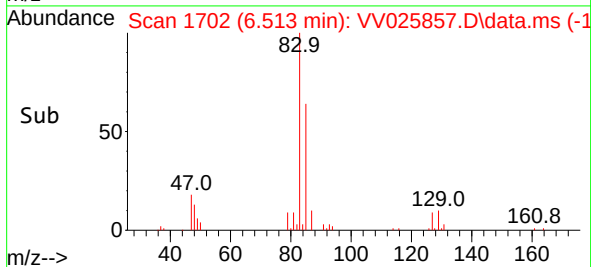
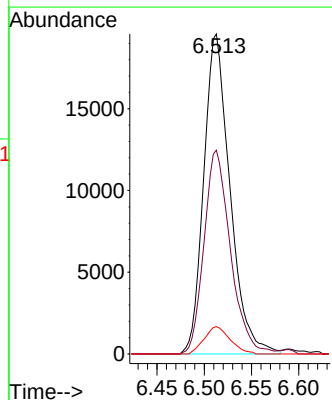
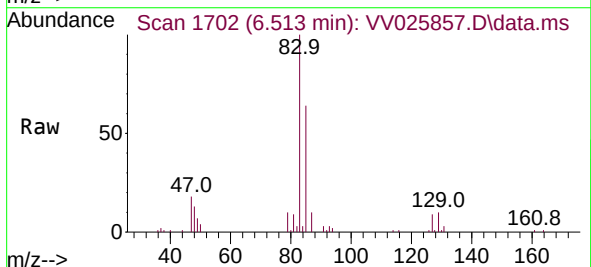
Tgt Ion: 83 Resp: 37792

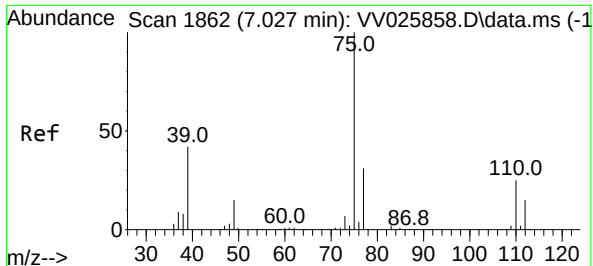
Ion Ratio Lower Upper

83 100

85 63.7 46.0 85.4

127 9.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 9.093 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

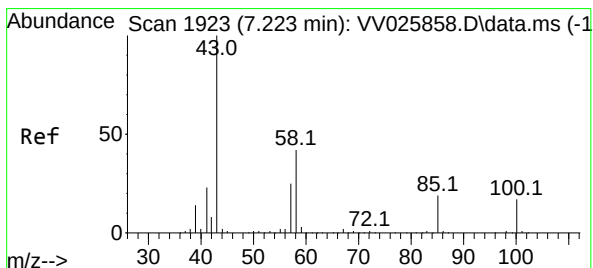
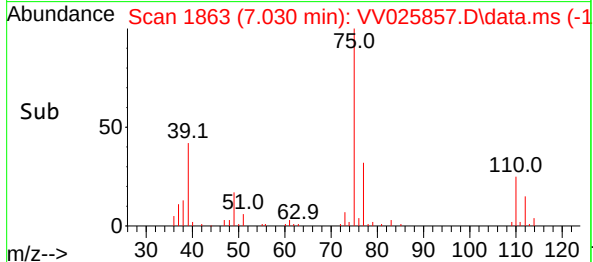
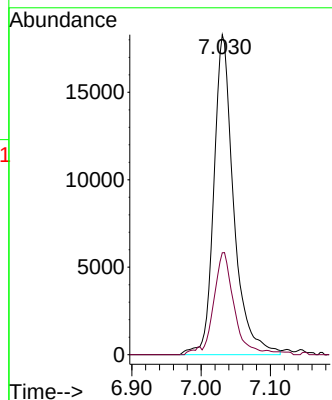
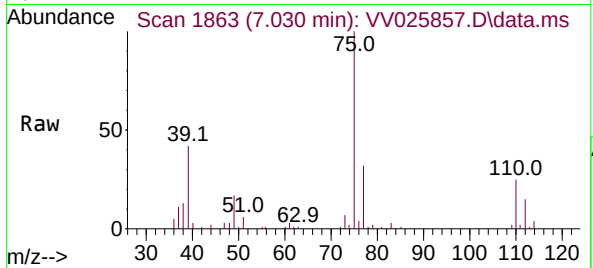
VSTD010214

Tgt Ion: 75 Resp: 36443

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 18.964 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

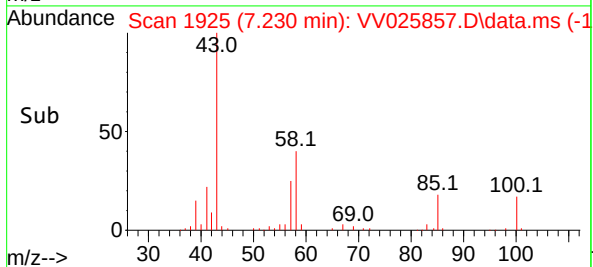
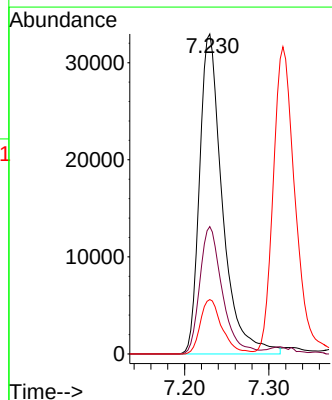
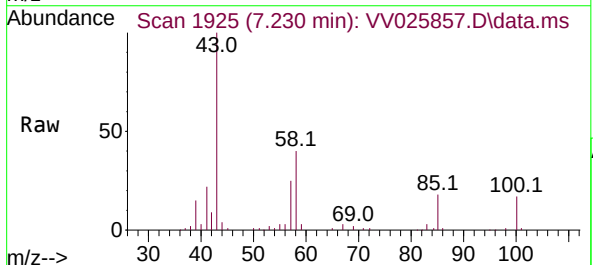
Tgt Ion: 43 Resp: 62299

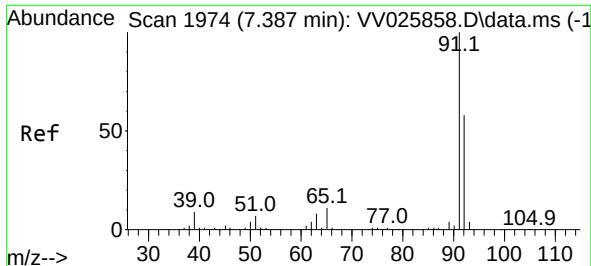
Ion Ratio Lower Upper

43 100

58 39.2 32.9 49.3

100 16.2 13.7 20.5





#42

Toluene

Concen: 9.612 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

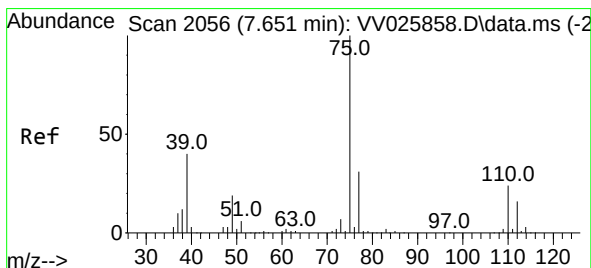
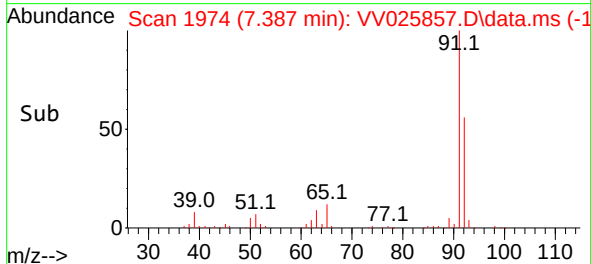
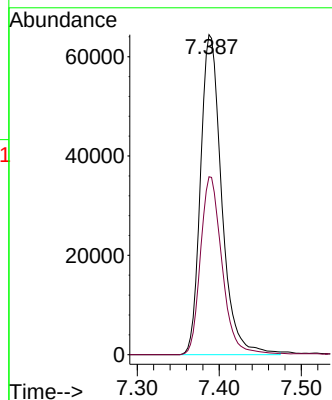
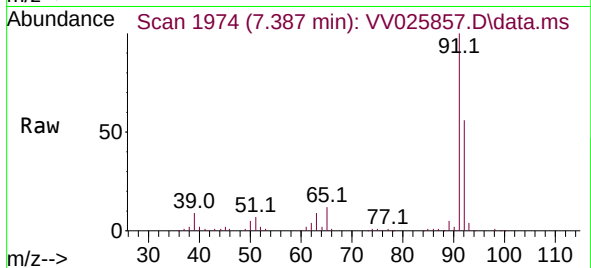
VSTD010214

Tgt Ion: 91 Resp: 115360

Ion Ratio Lower Upper

91 100

92 55.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 8.966 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV025857.D

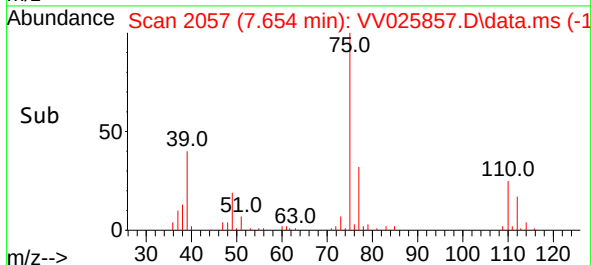
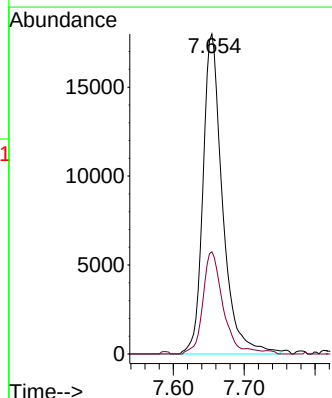
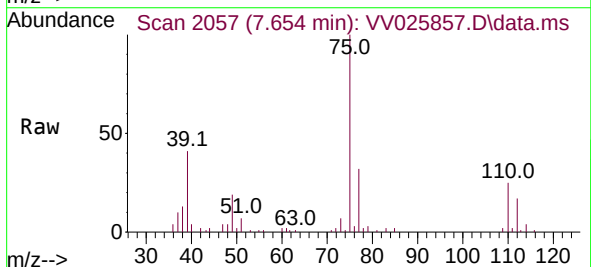
Acq: 10 May 2022 11:26

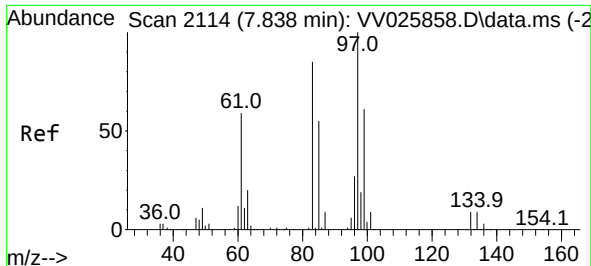
Tgt Ion: 75 Resp: 34568

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 10.058 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD010214

Tgt Ion: 97 Resp: 28720

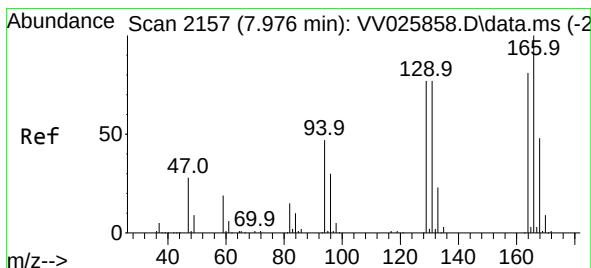
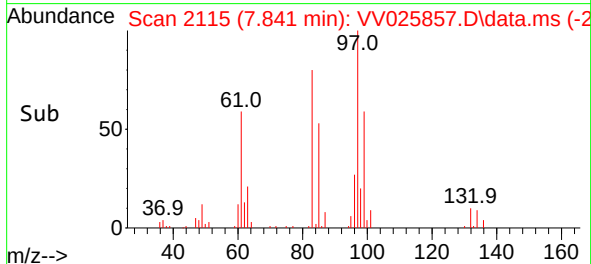
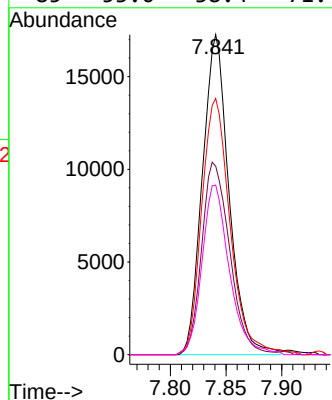
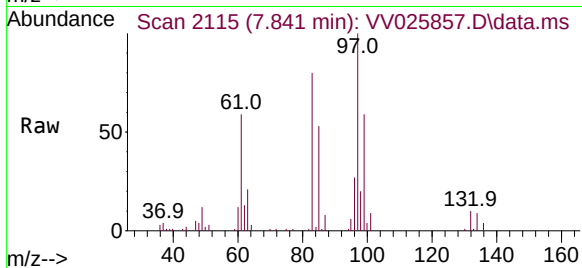
Ion Ratio Lower Upper

97 100

99 58.9 42.6 79.0

83 80.0 59.7 110.9

85 53.0 38.4 71.4



#46

Tetrachloroethene

Concen: 10.057 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Tgt Ion: 164 Resp: 21708

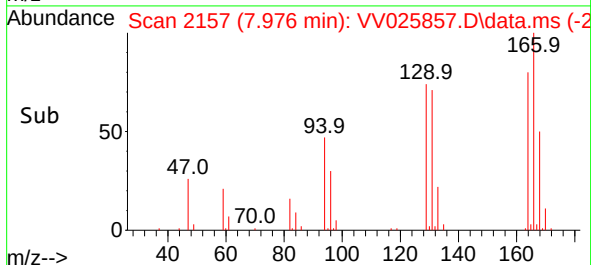
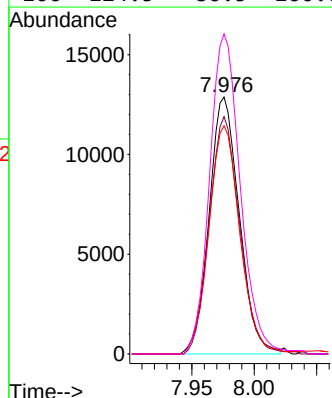
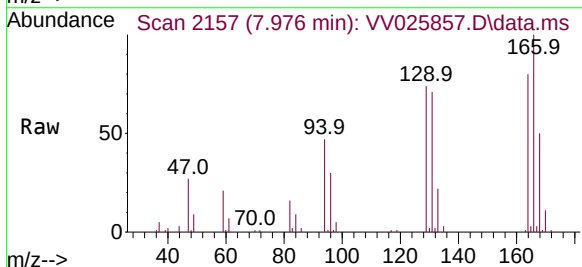
Ion Ratio Lower Upper

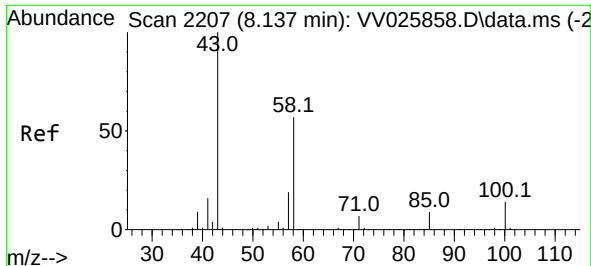
164 100

129 92.3 66.8 124.2

131 88.8 66.7 123.9

166 124.5 86.5 160.7

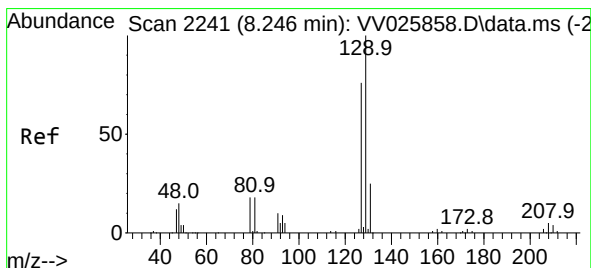
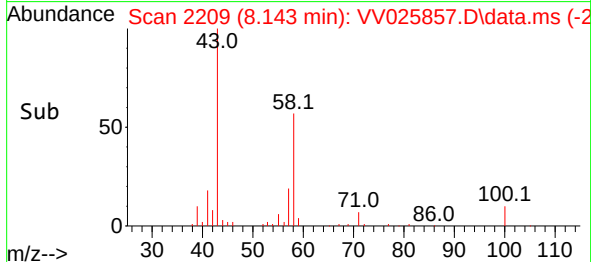
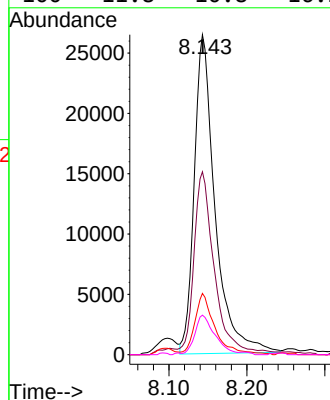
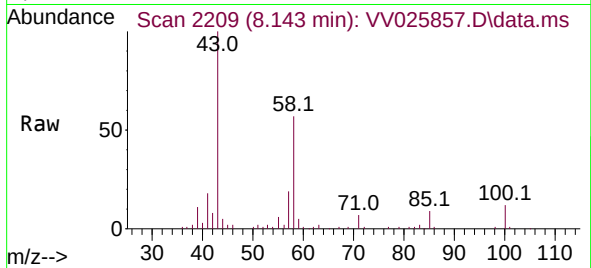




#48
2-Hexanone
Concen: 19.240 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

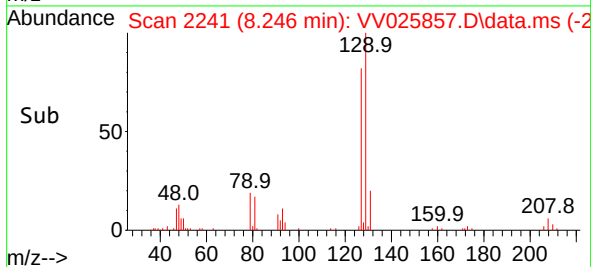
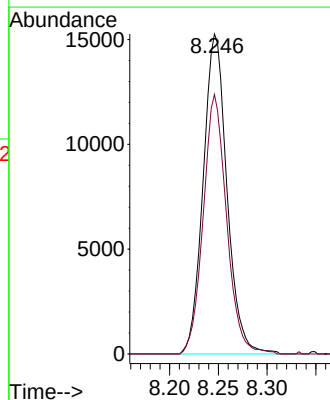
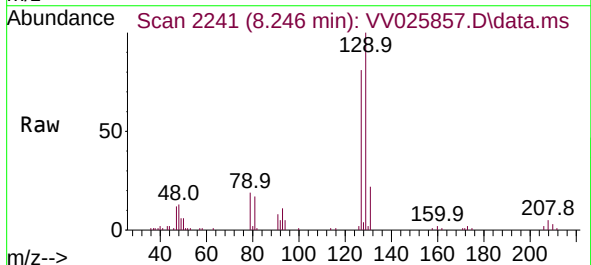
Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

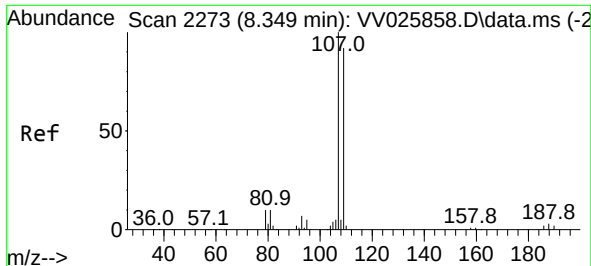
Tgt Ion:	43	Resp:	49178
Ion	Ratio	Lower	Upper
43	100		
58	52.8	45.9	68.9
57	18.6	15.4	23.2
100	11.8	10.8	16.2



#49
Dibromochloromethane
Concen: 9.218 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion:	129	Resp:	25964
Ion	Ratio	Lower	Upper
129	100		
127	81.1	53.5	99.5





#50

1,2-Dibromoethane

Concen: 9.953 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

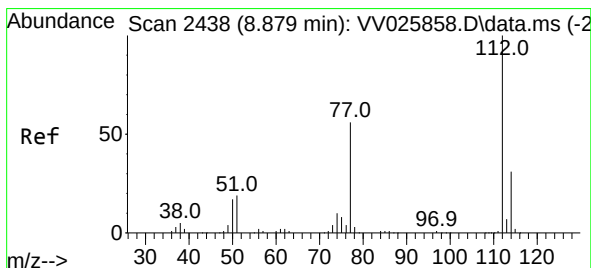
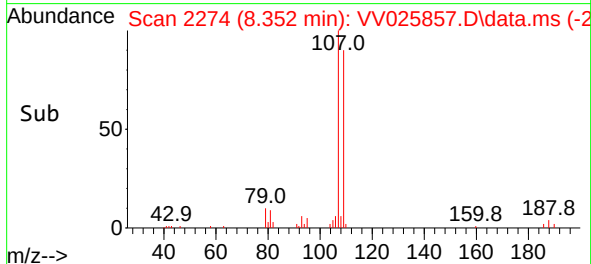
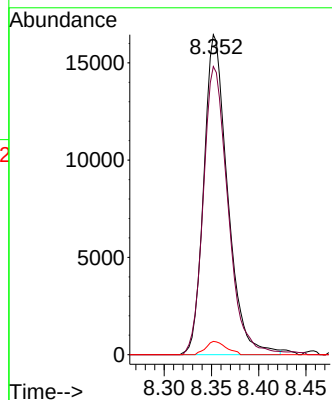
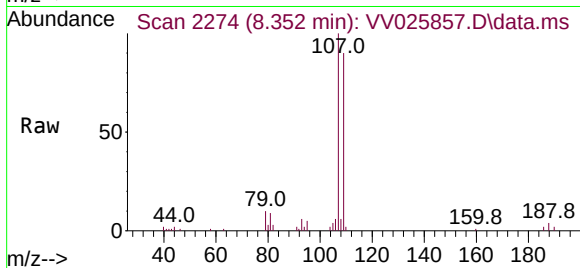
Instrument :

MSVOA_V

ClientSampleId :

VSTD010214

Tgt Ion:	107	Resp:	28903
Ion	Ratio	Lower	Upper
107	100		
109	90.1	64.1	119.1
188	4.1	2.6	3.8



#51

Chlorobenzene

Concen: 9.800 ug/L

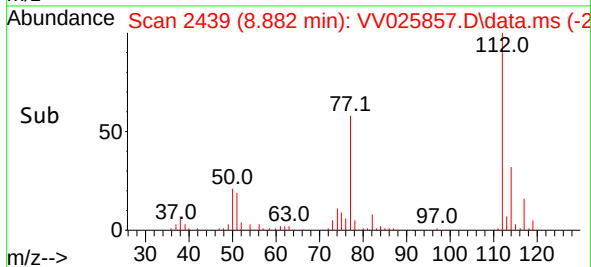
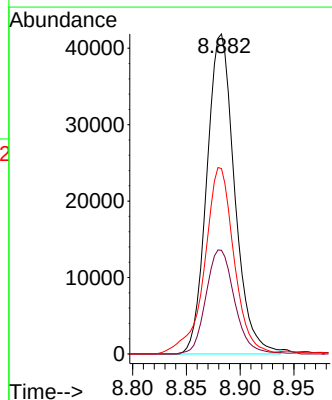
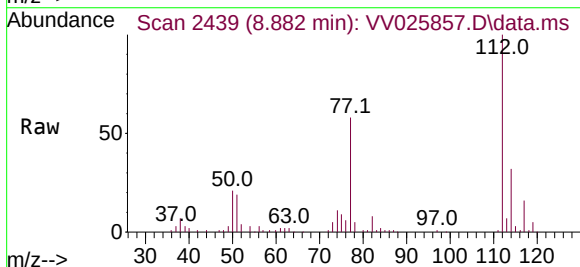
RT: 8.882 min Scan# 2439

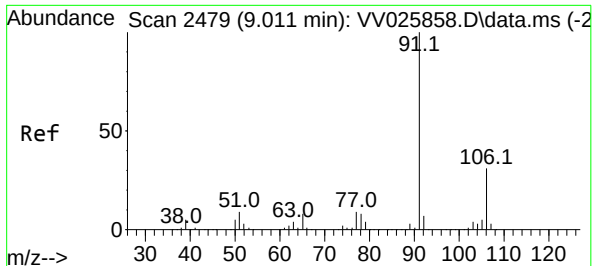
Delta R.T. 0.003 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Tgt Ion:	112	Resp:	75312
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	40.8
77	57.9	45.3	67.9





#52

Ethylbenzene

Concen: 9.130 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

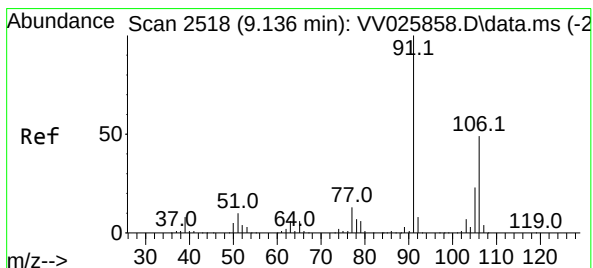
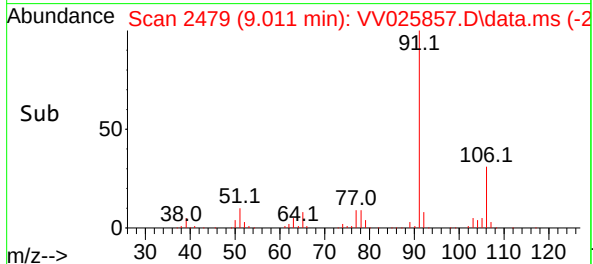
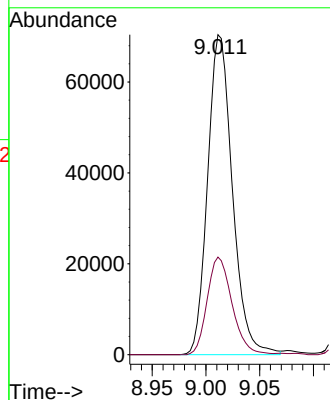
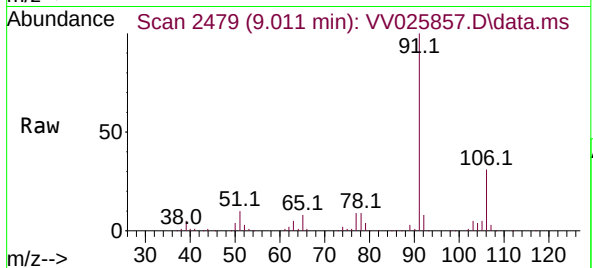
VSTD010214

Tgt Ion: 91 Resp: 113051

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.6



#53

m,p-Xylene

Concen: 9.091 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV025857.D

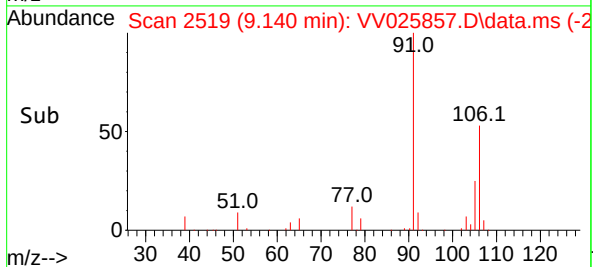
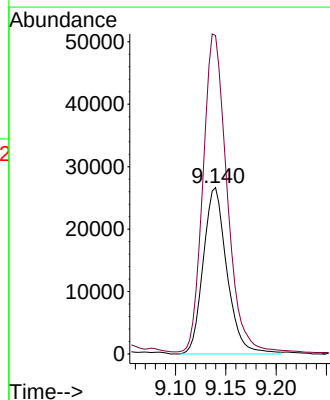
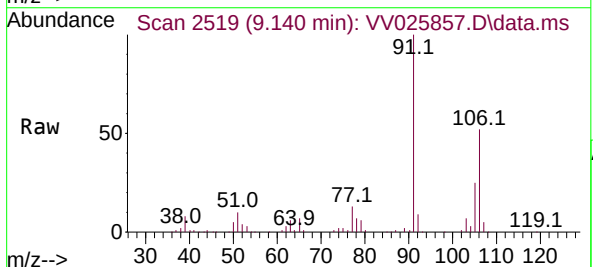
Acq: 10 May 2022 11:26

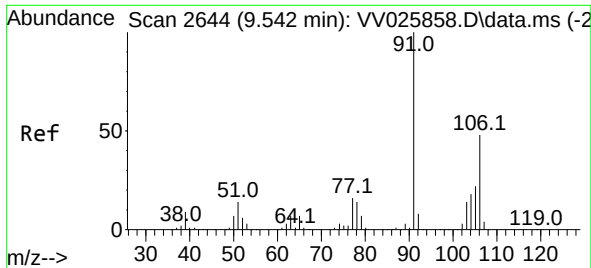
Tgt Ion: 106 Resp: 43660

Ion Ratio Lower Upper

106 100

91 191.3 142.0 263.6

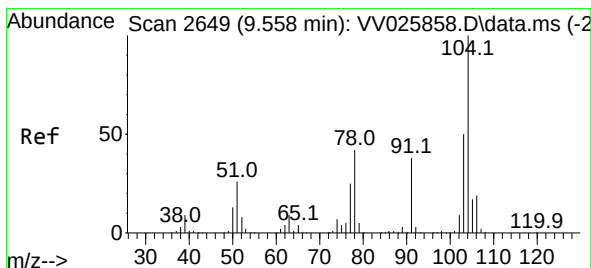
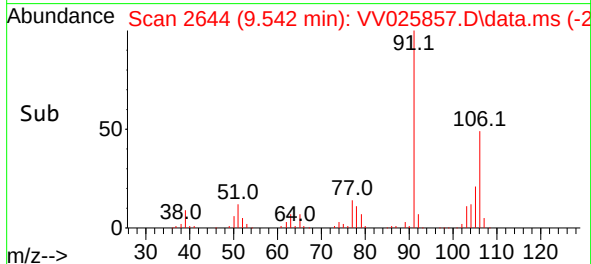
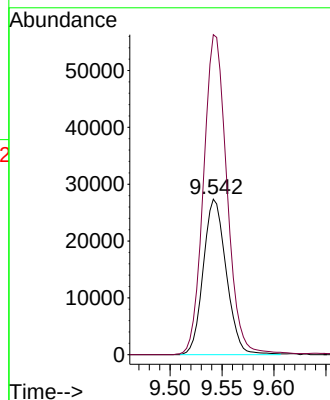
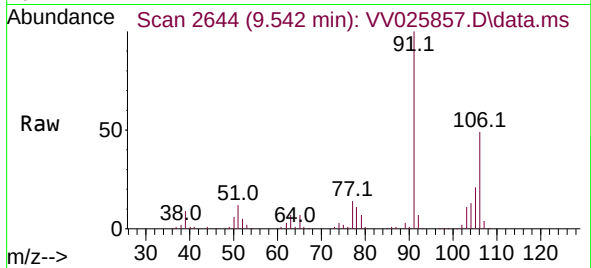




#54
o-Xylene
Concen: 8.933 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

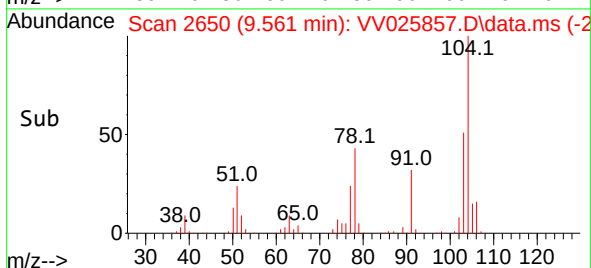
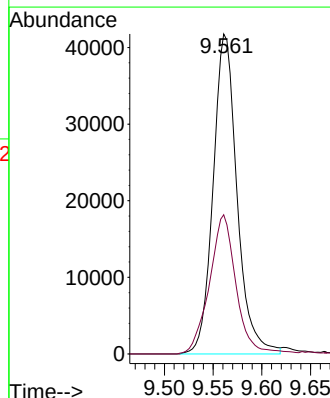
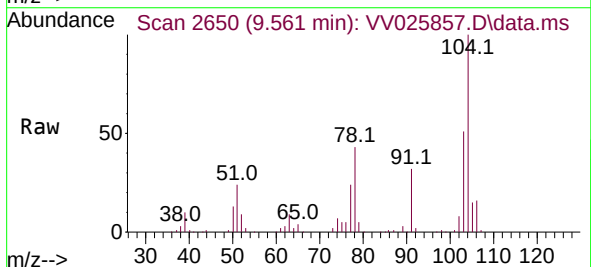
Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

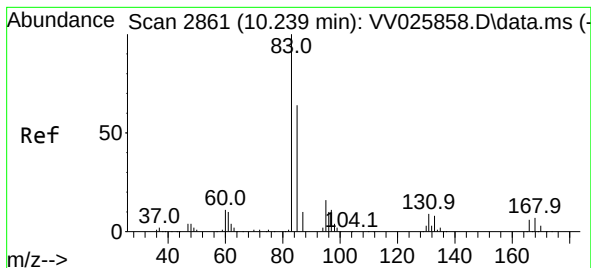
Tgt Ion:106 Resp: 42144
Ion Ratio Lower Upper
106 100
91 205.8 147.4 273.8



#55
Styrene
Concen: 8.689 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion:104 Resp: 71427
Ion Ratio Lower Upper
104 100
78 43.5 29.8 55.3

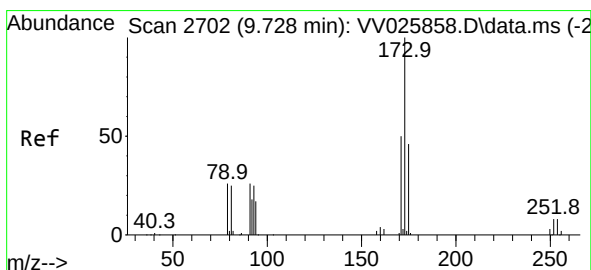
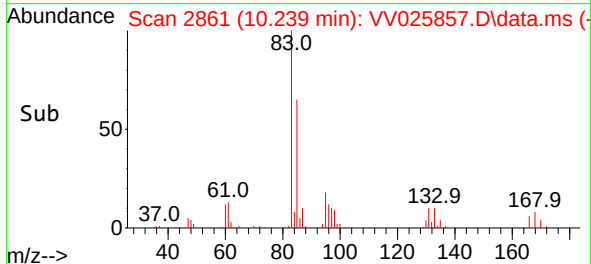
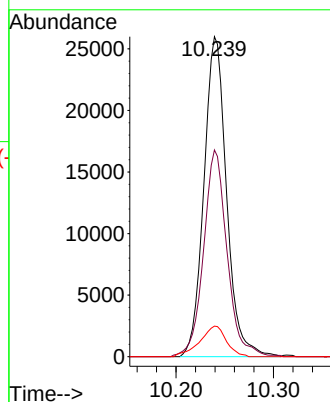
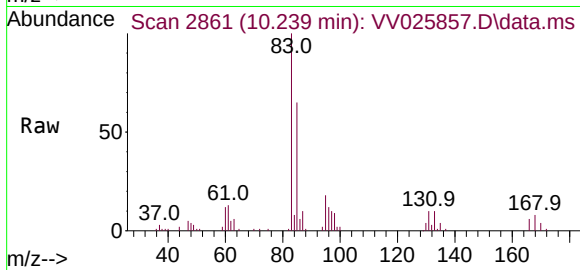




#57
1,1,2,2-Tetrachloroethane
Concen: 9.873 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

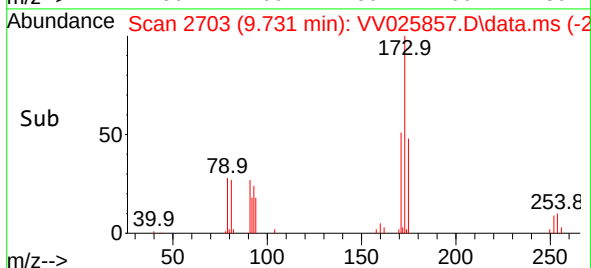
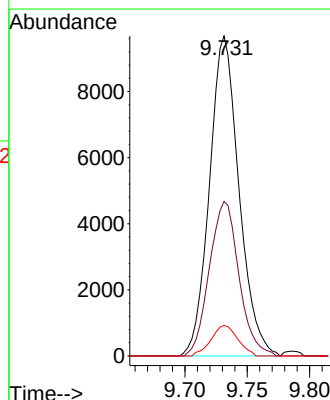
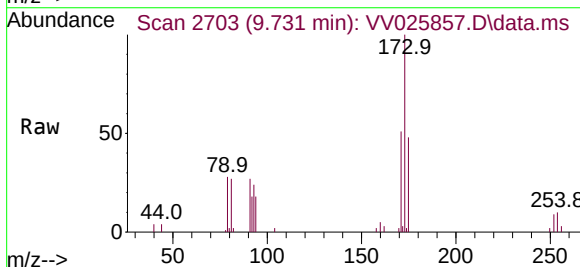
Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

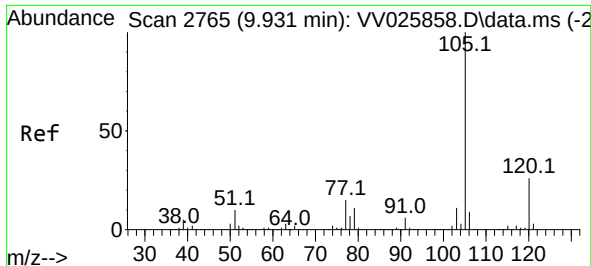
Tgt Ion:	83	Resp:	42063
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.7	82.9
131	9.6	7.5	11.3



#59
Bromoform
Concen: 9.941 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion:	173	Resp:	15936
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.1	57.1
254	8.6	7.0	10.6

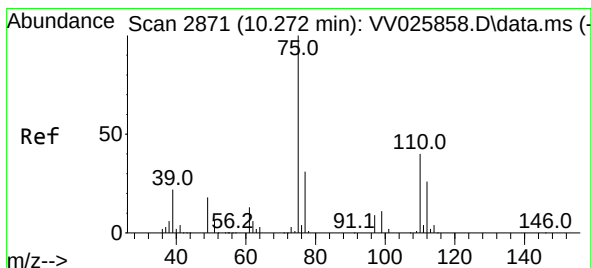
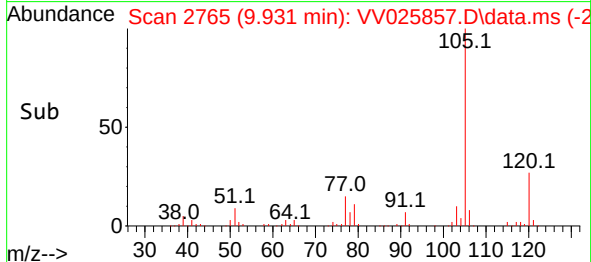
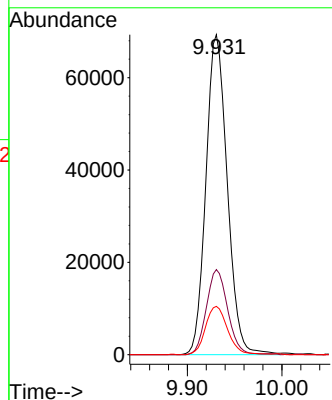
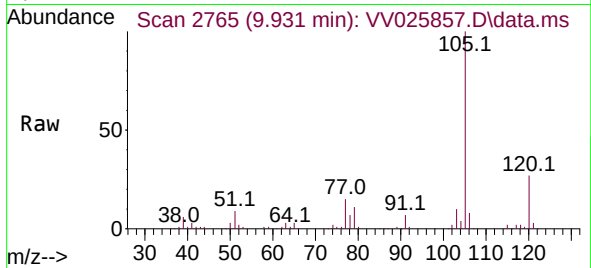




#60
Isopropylbenzene
Concen: 9.768 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

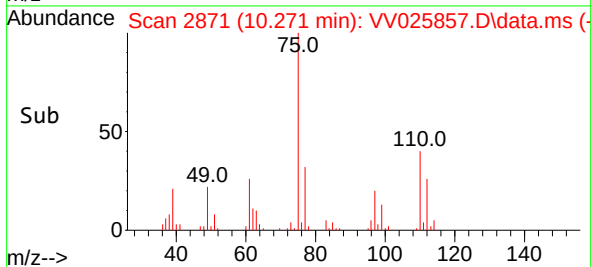
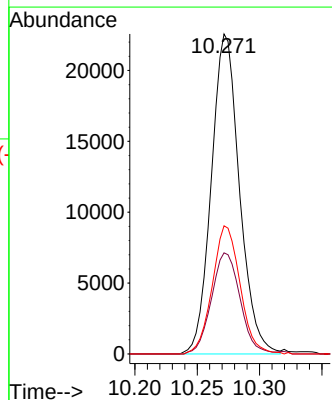
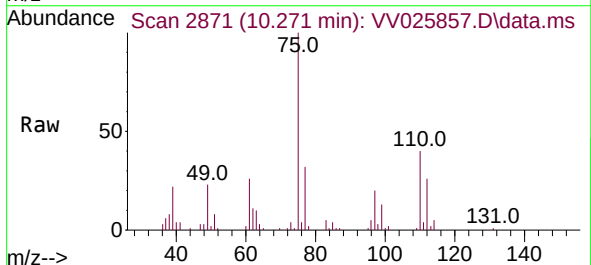
Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

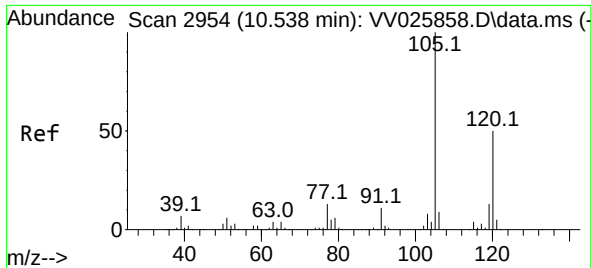
Tgt Ion:105 Resp: 108724
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 10.793 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion: 75 Resp: 35500
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 39.5 32.3 48.5

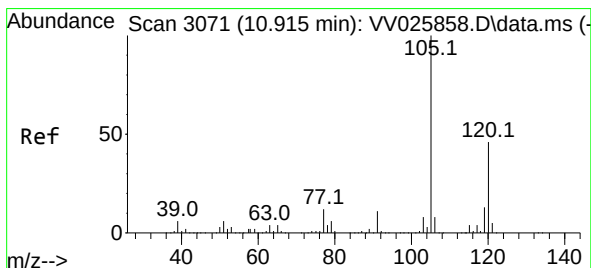
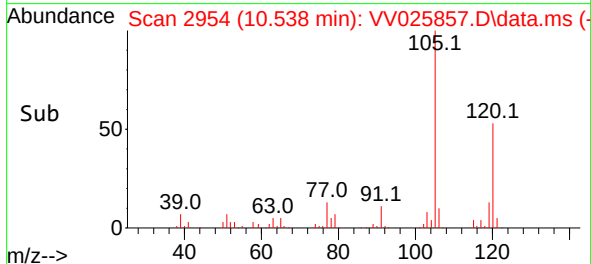
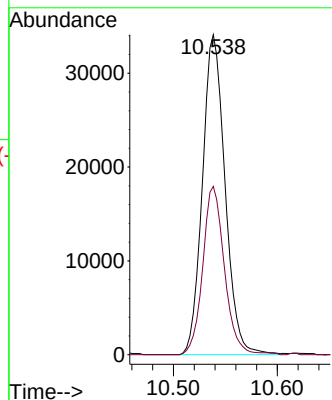
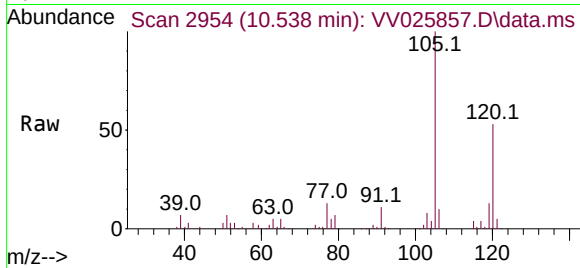




#62
1,3,5-Trimethylbenzene
Concen: 9.009 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

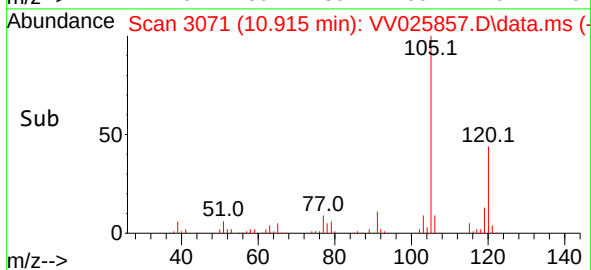
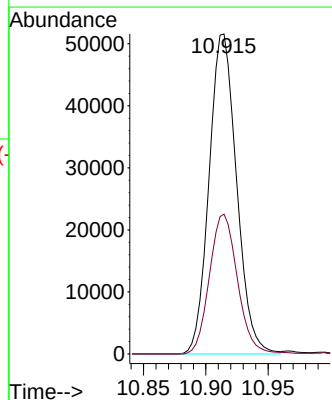
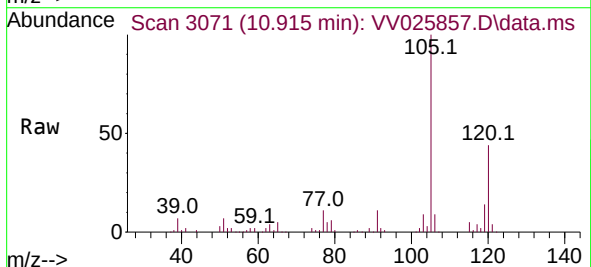
Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

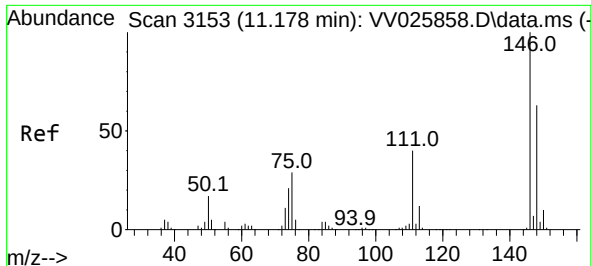
Tgt Ion:105 Resp: 51687
Ion Ratio Lower Upper
105 100
120 50.4 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 8.900 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion:105 Resp: 79229
Ion Ratio Lower Upper
105 100
120 44.5 36.6 55.0

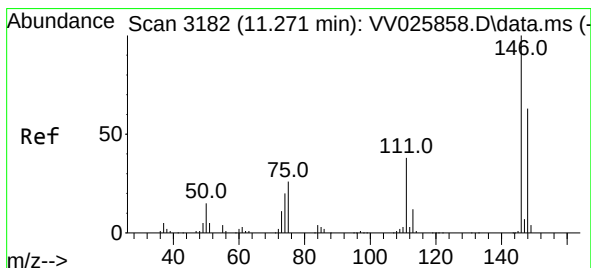
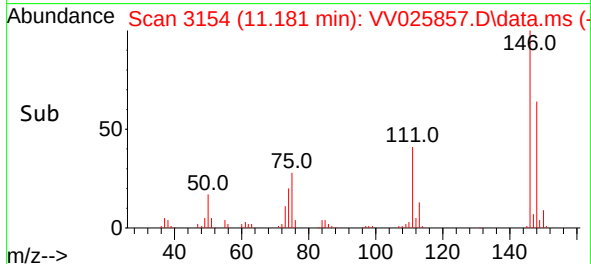
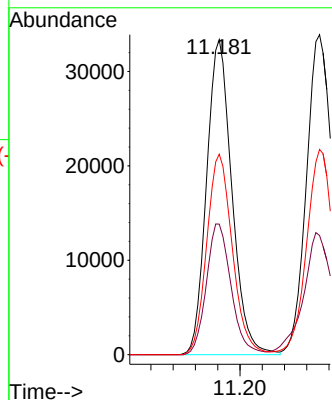
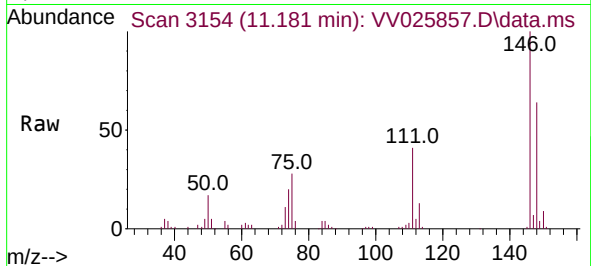




#64
 1,3-Dichlorobenzene
 Concen: 9.995 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

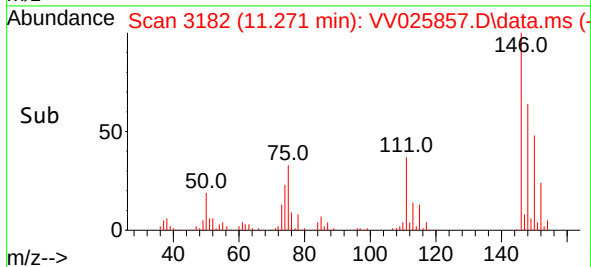
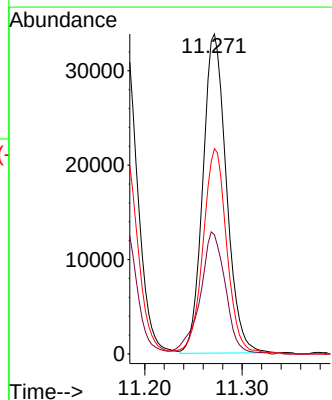
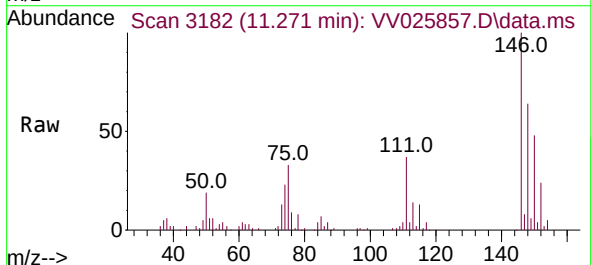
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010214

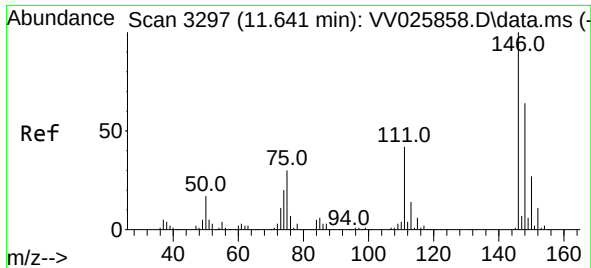
Tgt Ion:146 Resp: 52662
 Ion Ratio Lower Upper
 146 100
 111 41.4 28.1 52.1
 148 63.6 44.0 81.8



#65
 1,4-Dichlorobenzene
 Concen: 10.276 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Tgt Ion:146 Resp: 56738
 Ion Ratio Lower Upper
 146 100
 111 37.3 26.7 49.7
 148 64.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 10.189 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD010214

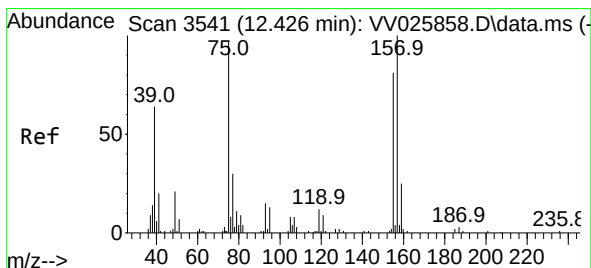
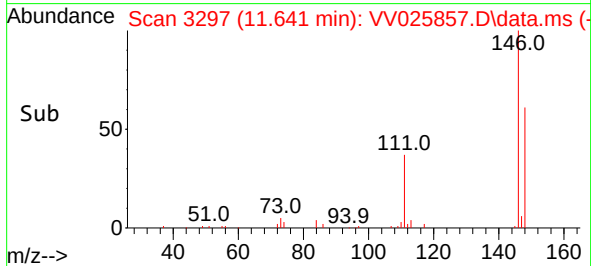
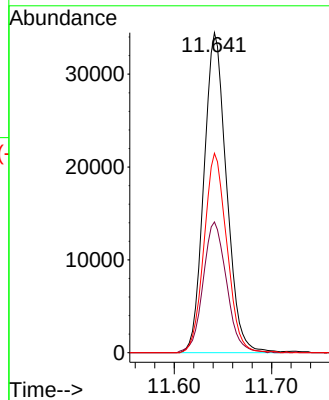
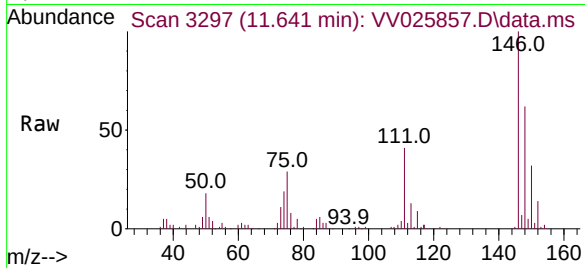
Tgt Ion:146 Resp: 55528

Ion Ratio Lower Upper

146 100

111 40.9 33.7 50.5

148 62.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 10.159 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025857.D

Acq: 10 May 2022 11:26

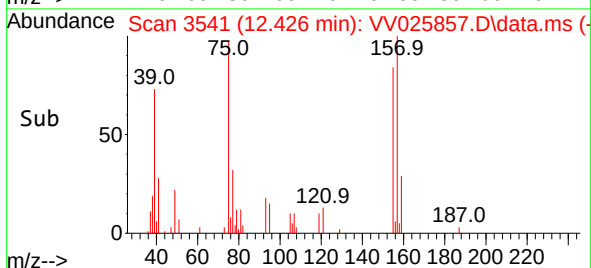
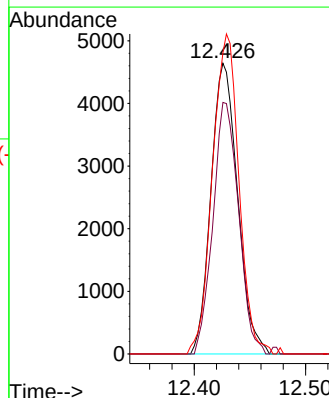
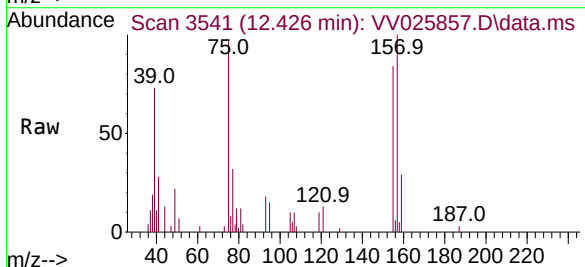
Tgt Ion: 75 Resp: 7719

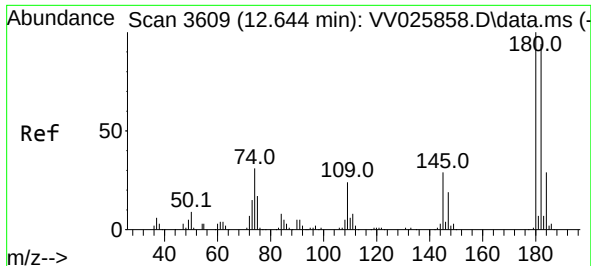
Ion Ratio Lower Upper

75 100

155 86.5 66.8 100.2

157 103.6 82.5 123.7

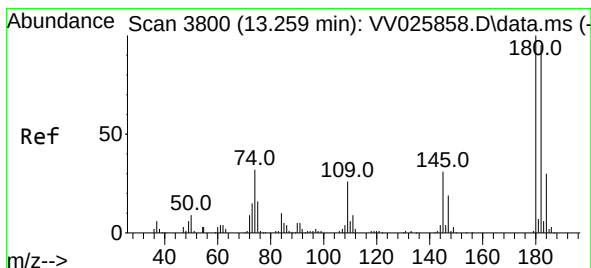
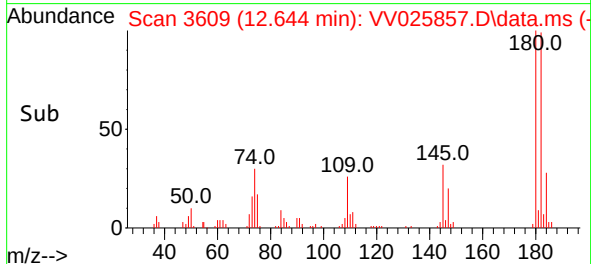
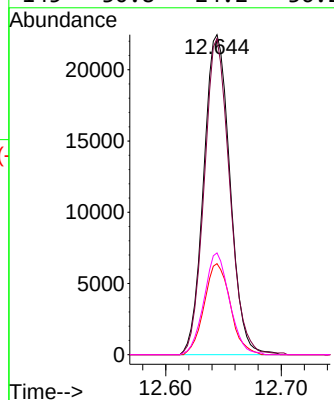
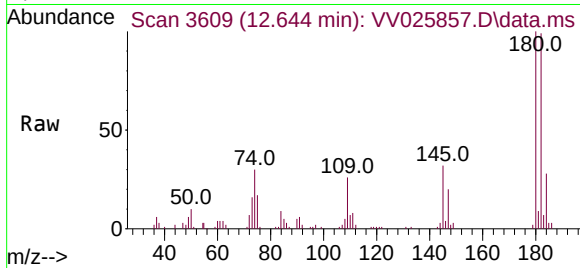




#69
 1,3,5-Trichlorobenzene
 Concen: 9.761 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

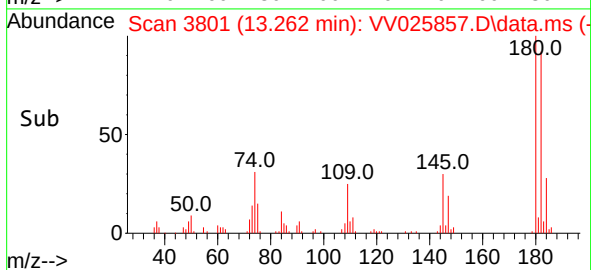
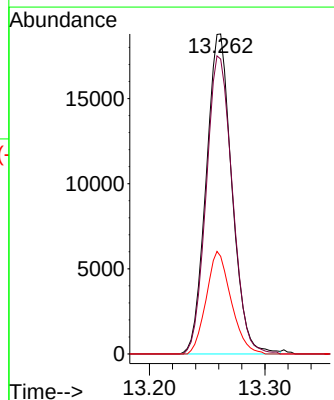
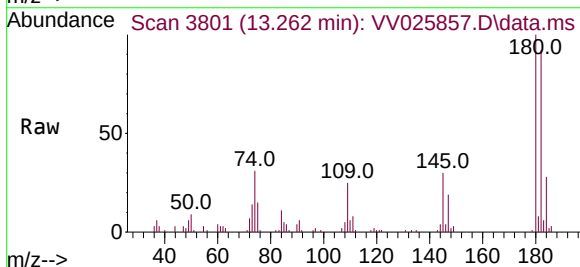
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010214

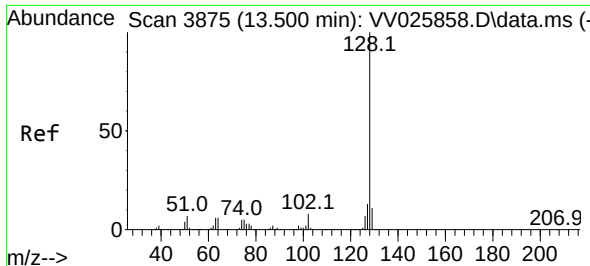
Tgt Ion:180	Resp:	35509
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.1 112.7
184	28.3	23.6 35.4
145	30.8	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 9.391 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025857.D
 Acq: 10 May 2022 11:26

Tgt Ion:180	Resp:	29093
Ion Ratio	Lower	Upper
180	100	
182	94.4	74.8 112.2
145	30.8	24.8 37.2

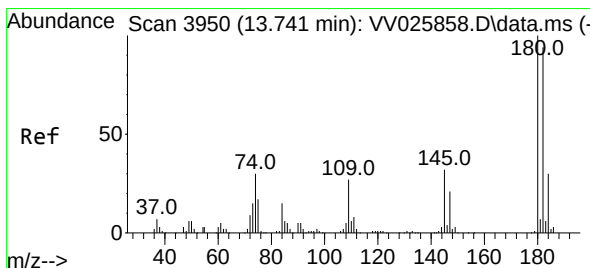
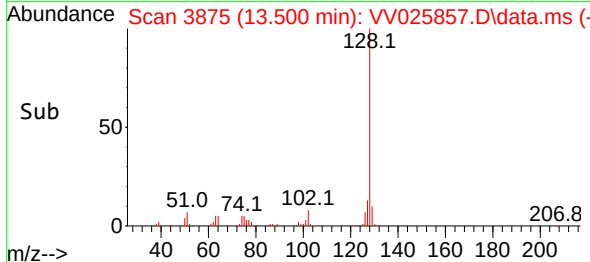
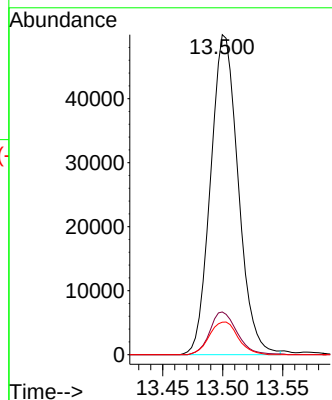
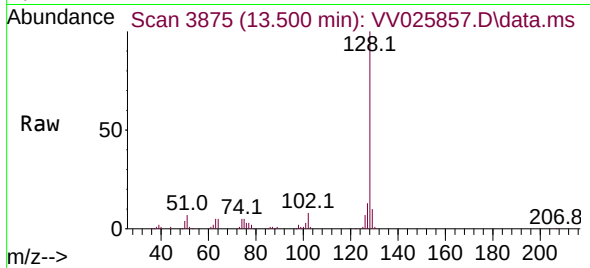




#71
Naphthalene
Concen: 8.741 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD010214

Tgt Ion:128	Resp:	80195
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.4 15.6
129	10.6	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 9.603 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025857.D
Acq: 10 May 2022 11:26

Tgt Ion:180	Resp:	30315
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.8 113.8
145	33.2	26.3 39.5

