

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025856.D
 Acq On : 10 May 2022 11:02
 Operator : SY/MD
 Sample : VSTD00513
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005213

Quant Time: May 11 03:17:38 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	323201	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	325221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	158457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	18980	4.550	ug/L	0.00
7) Chloroethane-d5	1.571	69	16445	4.489	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	34057	4.668	ug/L	0.00
21) 2-Butanone-d5	3.886	46	63	0.035	ug/L	0.00
24) Chloroform-d	4.358	84	25954	4.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	14942	4.244	ug/L	0.00
32) Benzene-d6	5.056	84	47429	4.183	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	14970	4.299	ug/L	0.00
41) Toluene-d8	7.320	98	40562	3.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5672	3.649	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	8056	6.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	20154	4.340	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15127	4.352	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	17085	5.113	ug/L	96
3) Chloromethane	1.243	50	22274	5.512	ug/L	99
5) Vinyl chloride	1.314	62	21376	5.203	ug/L	96
6) Bromomethane	1.526	94	13050	5.227	ug/L	96
8) Chloroethane	1.587	64	15521	5.058	ug/L	99
9) Trichlorofluoromethane	1.754	101	29772	5.099	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	16333	5.265	ug/L	96
12) 1,1-Dichloroethene	2.121	96	15878	5.204	ug/L	96
13) Acetone	2.185	43	12905	10.577	ug/L	65
14) Carbon disulfide	2.297	76	37016	4.905	ug/L	99
15) Methyl Acetate	2.442	43	13663	5.227	ug/L #	73
16) Methylene chloride	2.513	84	15662	5.299	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	12745	4.862	ug/L	97
18) Methyl tert-butyl Ether	2.773	73	35762	4.691	ug/L	98
19) 1,1-Dichloroethane	3.191	63	24927	5.091	ug/L	97
20) cis-1,2-Dichloroethene	3.921	96	13321	4.708	ug/L	95
22) 2-Butanone	4.005	43	8354	5.220	ug/L	85
23) Bromochloromethane	4.256	128	7220	4.831	ug/L	84
25) Chloroform	4.381	83	27038	5.211	ug/L	99
27) 1,2-Dichloroethane	5.137	62	19770	5.040	ug/L	96
29) Cyclohexane	4.680	56	17587	4.467	ug/L #	93
30) 1,1,1-Trichloroethane	4.609	97	22991	5.205	ug/L	96
31) Carbon tetrachloride	4.831	117	19138	5.161	ug/L	100
33) Benzene	5.104	78	52368	4.782	ug/L	100
34) Trichloroethene	5.918	95	14334	5.005	ug/L	96
35) Methylcyclohexane	6.133	83	19014	4.432	ug/L	97
37) 1,2-Dichloropropane	6.178	63	12442	4.523	ug/L	99
38) Bromodichloromethane	6.513	83	18500	4.973	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	16048	4.091	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	28158	8.757	ug/L	96
42) Toluene	7.390	91	53982	4.595	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	15798	4.186	ug/L	98

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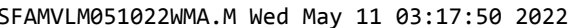
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 ClientSampleId :
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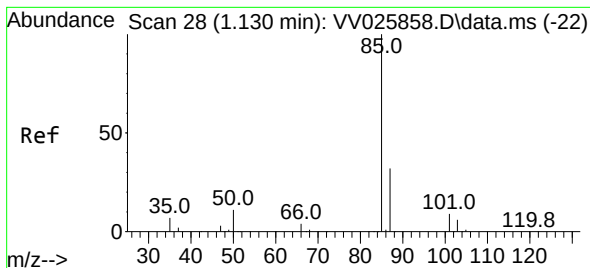
Quant Time: May 11 03:17:38 2022
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 QLast Update : Wed May 11 03:13:58 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	14300	5.116	ug/L	95
46) Tetrachloroethene	7.979	164	10434	4.939	ug/L	97
48) 2-Hexanone	8.146	43	19801	7.914	ug/L	92
49) Dibromochloromethane	8.246	129	13262	4.810	ug/L	92
50) 1,2-Dibromoethane	8.355	107	14136	4.973	ug/L #	96
51) Chlorobenzene	8.882	112	36770	4.888	ug/L	97
52) Ethylbenzene	9.014	91	52762	4.353	ug/L	98
53) m,p-Xylene	9.140	106	19567	4.162	ug/L	98
54) o-Xylene	9.541	106	19383	4.197	ug/L	99
55) Styrene	9.564	104	32003	3.977	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	21252	5.096	ug/L	95
59) Bromoform	9.731	173	7627	4.990	ug/L #	97
60) Isopropylbenzene	9.931	105	47881	4.511	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	17688	5.640	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	24203	4.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	35174	4.144	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	25029	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	27496	5.222	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	26381	5.077	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	3415	4.713	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	16673	4.806	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	13736	4.650	ug/L	97
71) Naphthalene	13.503	128	36275	4.147	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	14154	4.702	ug/L	97

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

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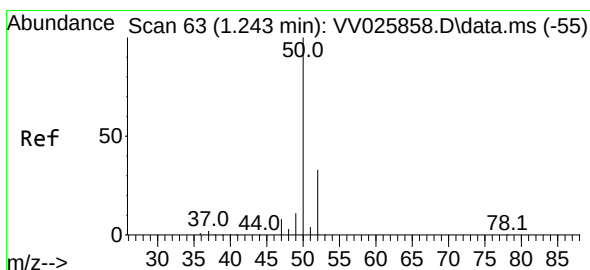
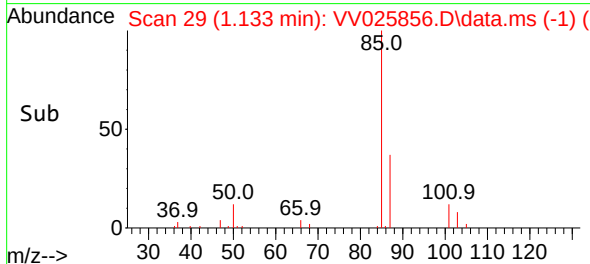
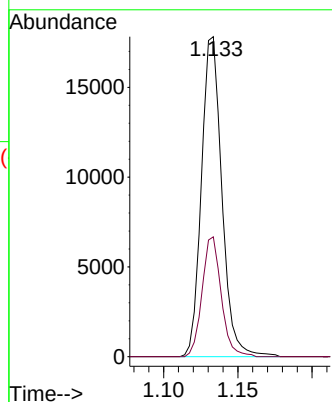
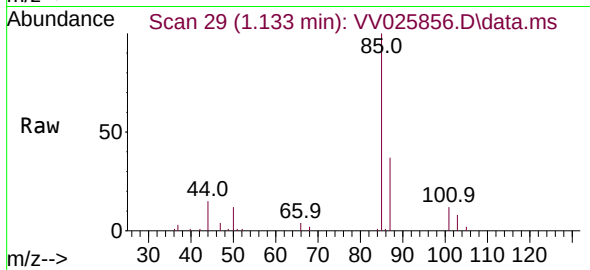




#2
 Dichlorodifluoromethane
 Concen: 5.113 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

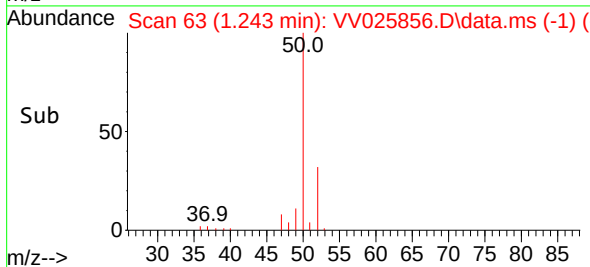
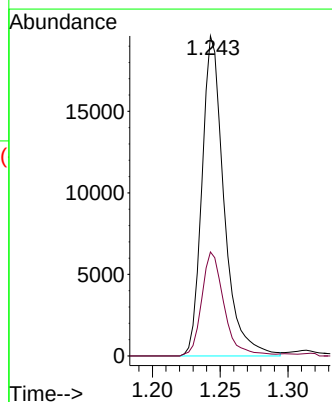
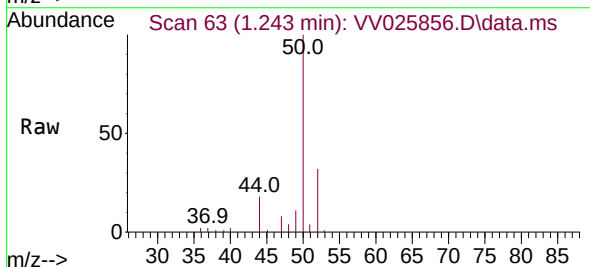
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005213

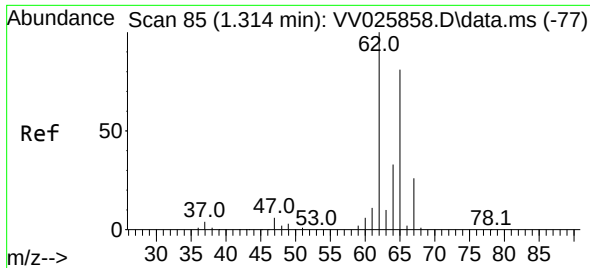
Tgt Ion: 85 Resp: 17085
 Ion Ratio Lower Upper
 85 100
 87 35.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.512 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

Tgt Ion: 50 Resp: 22274
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

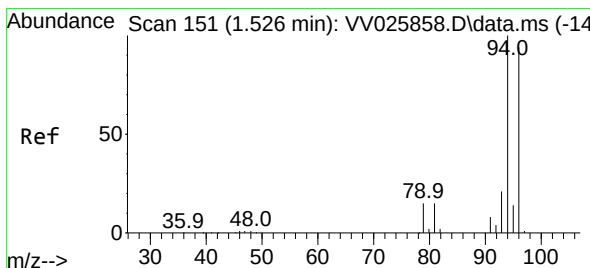
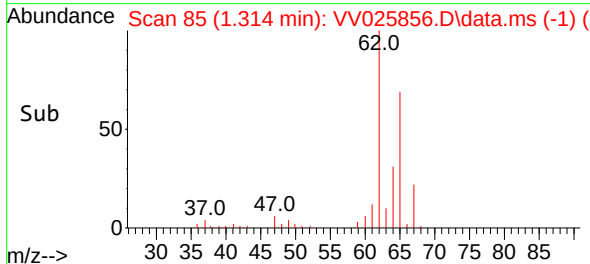
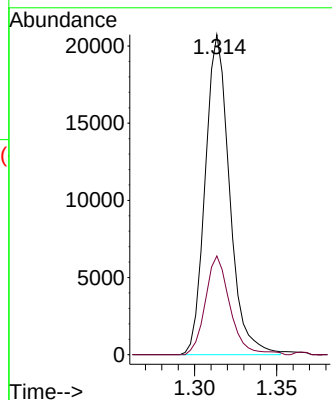
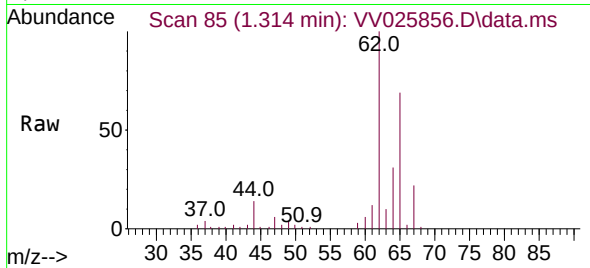




#5
 Vinyl chloride
 Concen: 5.203 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

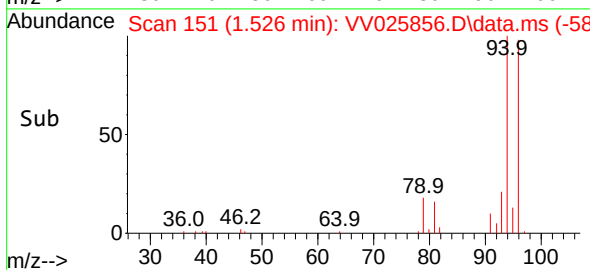
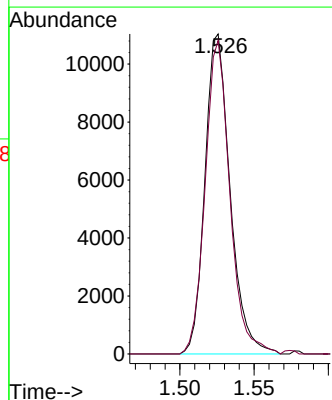
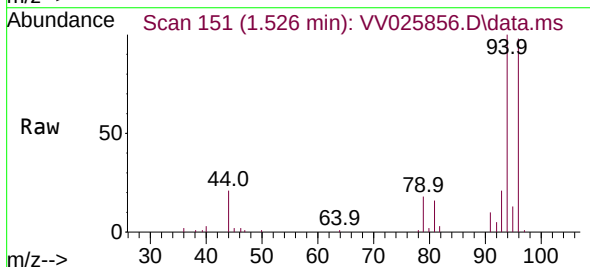
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 ClientSampleId :
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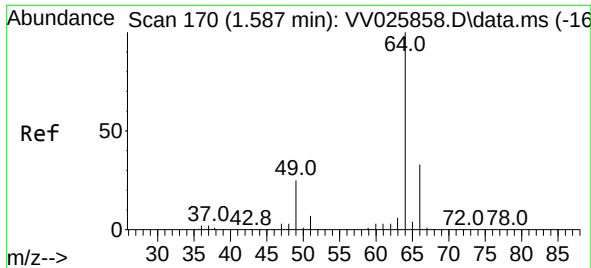
Tgt Ion: 62 Resp: 21376
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.2 43.0



#6
 Bromomethane
 Concen: 5.227 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

Tgt Ion: 94 Resp: 13050
 Ion Ratio Lower Upper
 94 100
 96 98.0 65.9 122.3

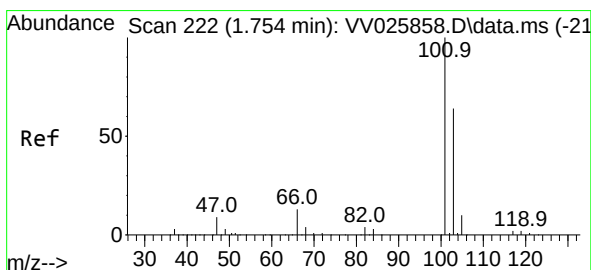
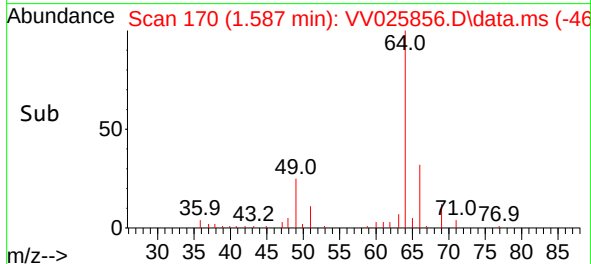
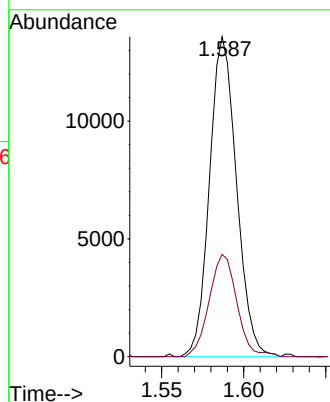
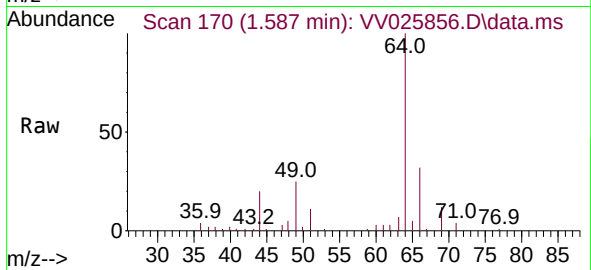




#8
Chloroethane
Concen: 5.058 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

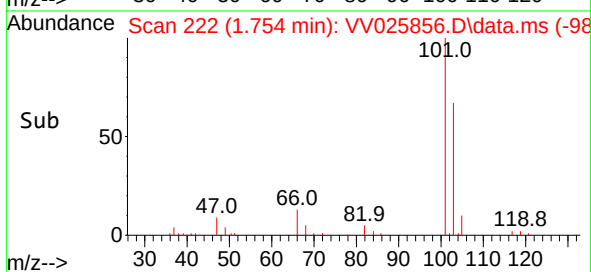
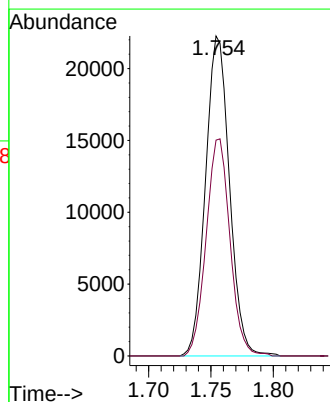
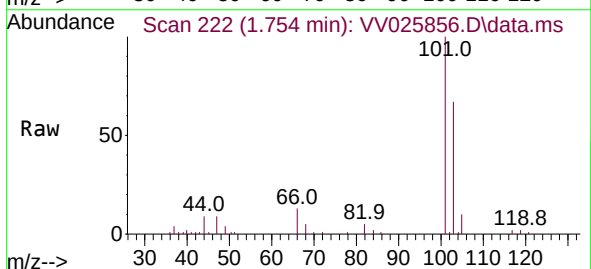
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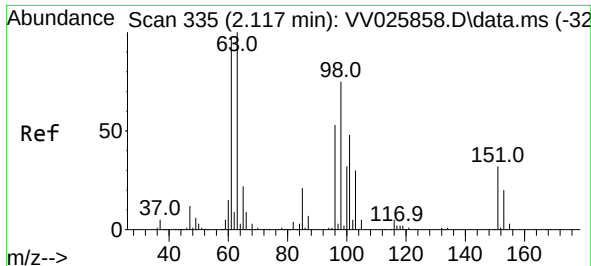
Tgt Ion: 64 Resp: 15521
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.099 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion:101 Resp: 29772
Ion Ratio Lower Upper
101 100
103 67.5 51.5 77.3

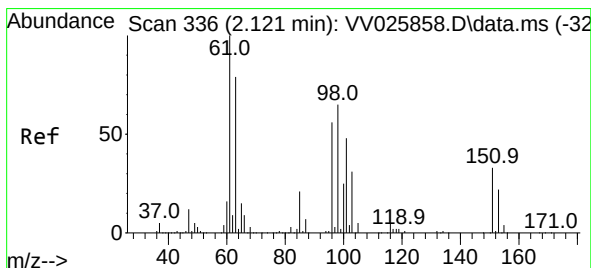
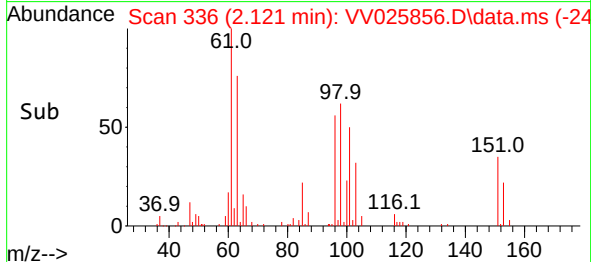
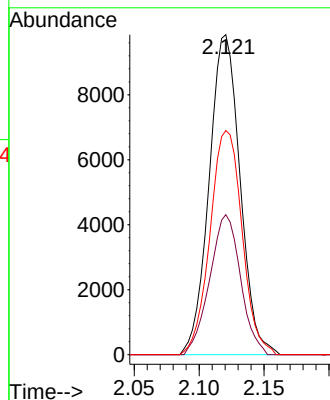
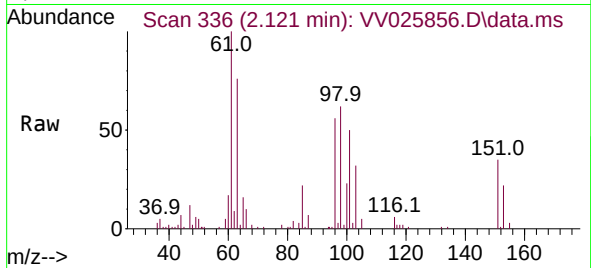




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.265 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

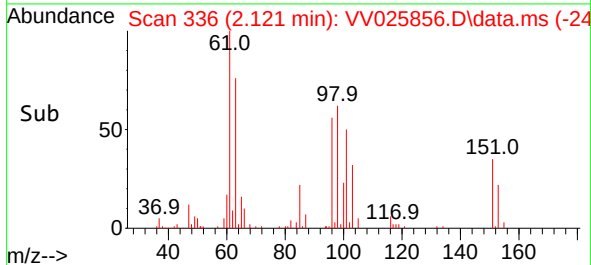
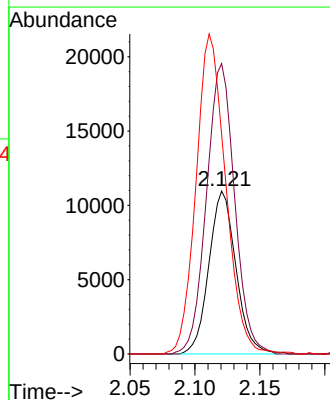
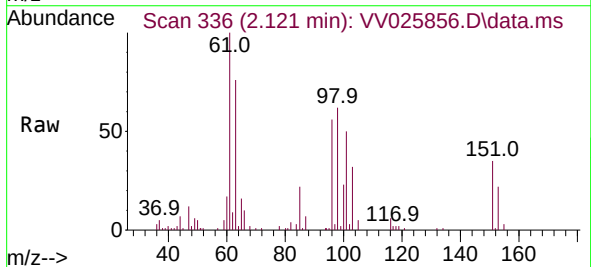
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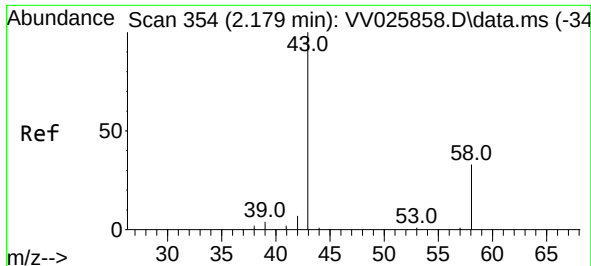
Tgt Ion:101 Resp: 16333
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.6 51.8
 151 72.5 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 5.204 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

Tgt Ion: 96 Resp: 15878
 Ion Ratio Lower Upper
 96 100
 61 178.3 124.6 231.4
 63 134.7 101.6 188.6





#13

Acetone

Concen: 10.577 ug/L

RT: 2.185 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

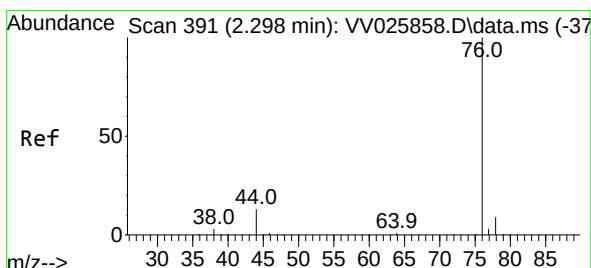
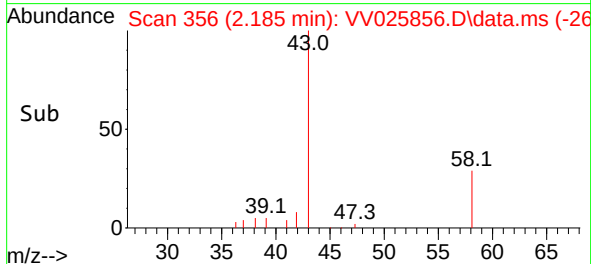
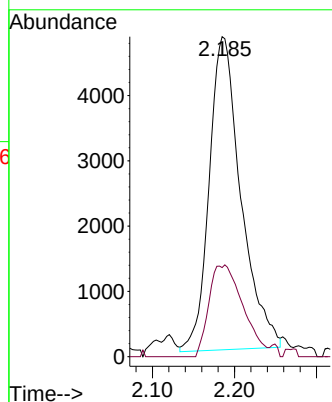
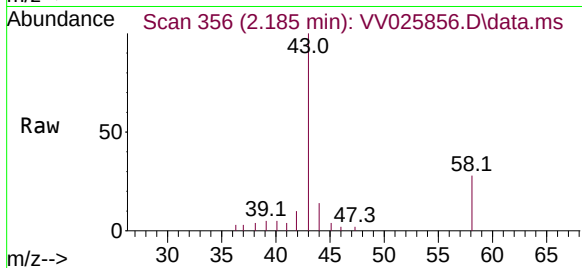
VSTD005213

Tgt Ion: 43 Resp: 12905

Ion Ratio Lower Upper

43 100

58 13.0 0.0 65.0



#14

Carbon disulfide

Concen: 4.905 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025856.D

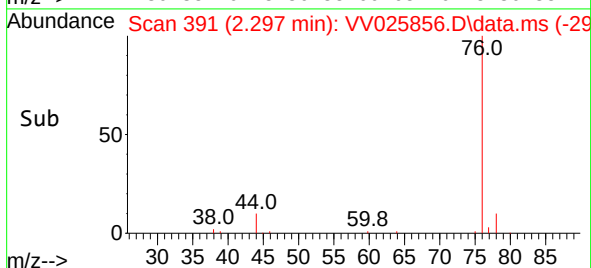
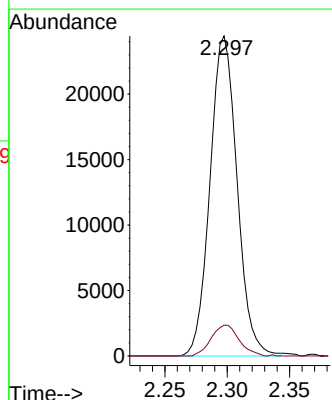
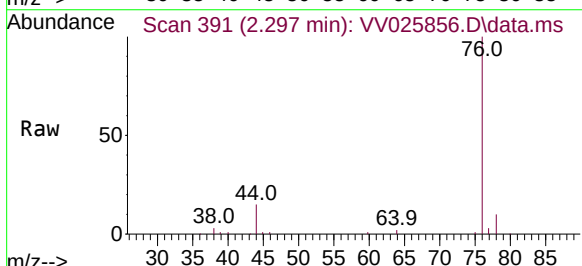
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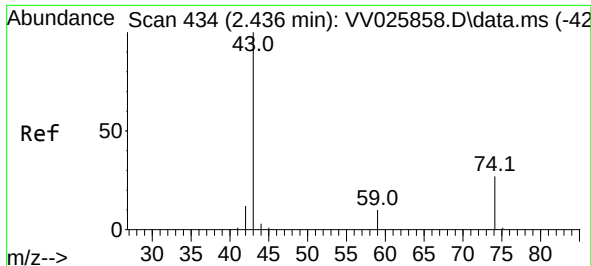
Tgt Ion: 76 Resp: 37016

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0





#15

Methyl Acetate

Concen: 5.227 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

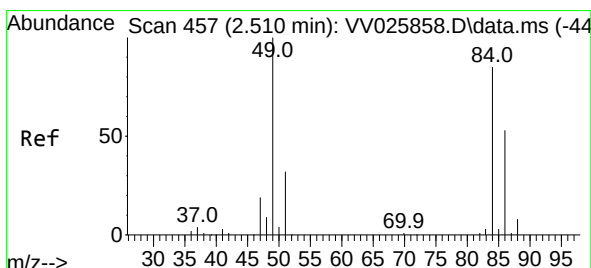
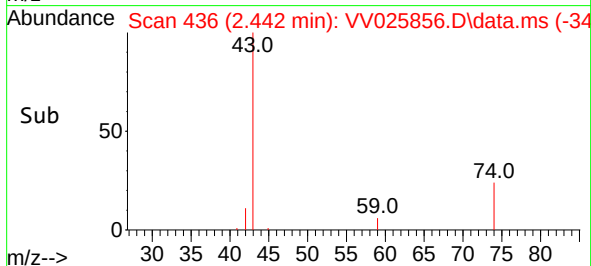
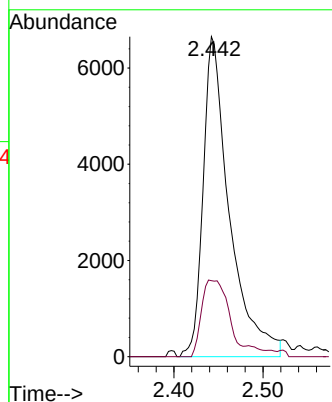
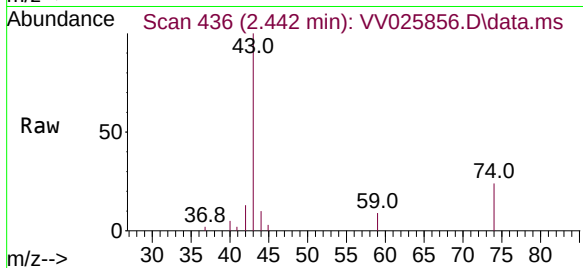
VSTD005213

Tgt Ion: 43 Resp: 13663

Ion Ratio Lower Upper

43 100

74 12.2 20.7 31.1#



#16

Methylene chloride

Concen: 5.299 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

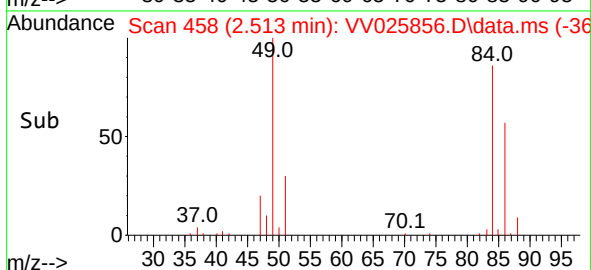
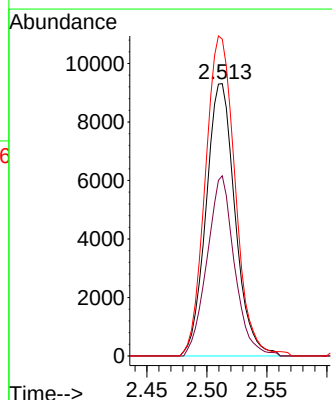
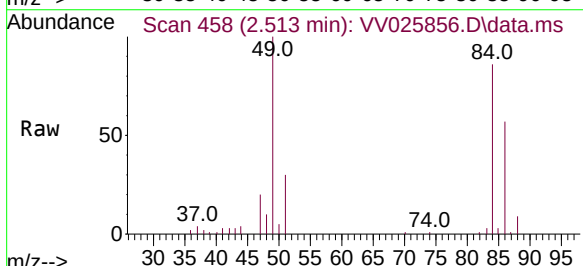
Tgt Ion: 84 Resp: 15662

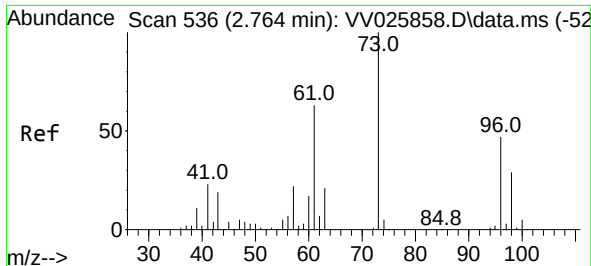
Ion Ratio Lower Upper

84 100

86 66.2 44.2 82.0

49 116.3 82.7 153.5

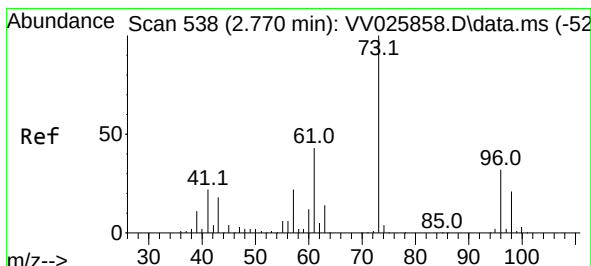
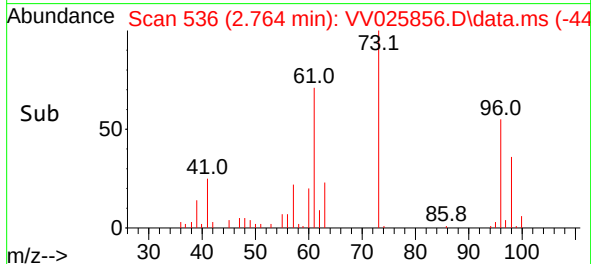
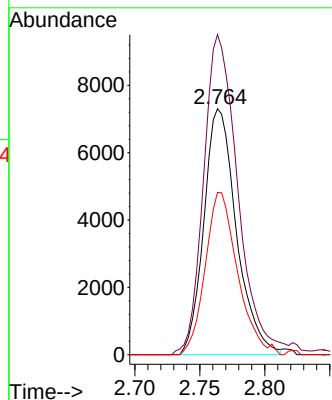
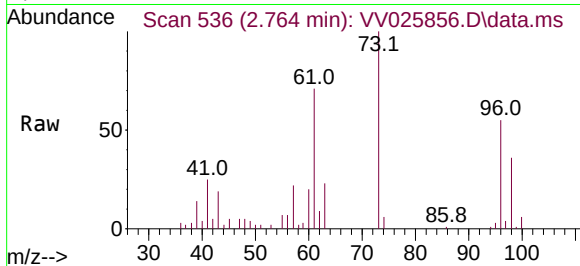




#17
trans-1,2-Dichloroethene
Concen: 4.862 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

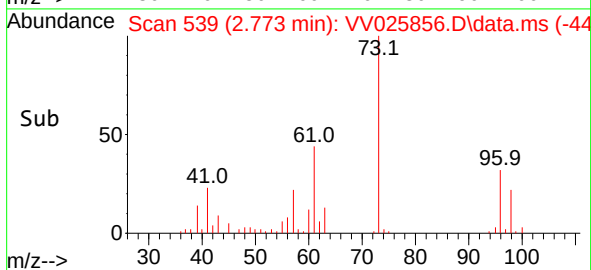
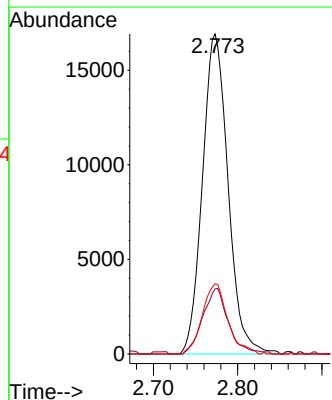
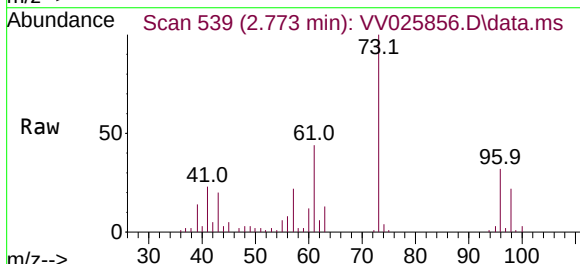
Instrument :
MSVOA_V
ClientSampleId :
VSTD005213

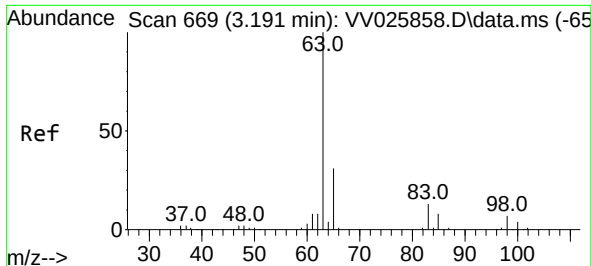
Tgt Ion: 96 Resp: 12745
Ion Ratio Lower Upper
96 100
61 130.1 92.7 172.1
98 66.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 4.691 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion: 73 Resp: 35762
Ion Ratio Lower Upper
73 100
43 20.4 14.6 22.0
57 21.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 5.091 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

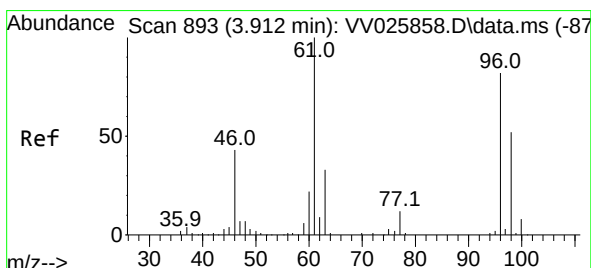
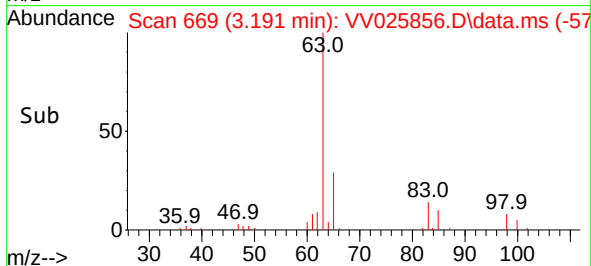
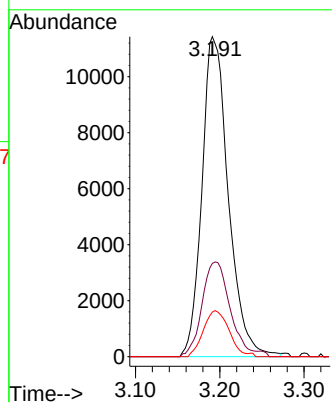
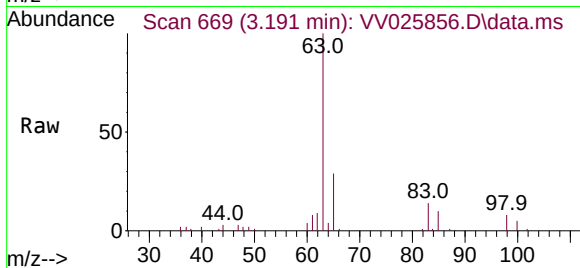
Tgt Ion: 63 Resp: 24927

Ion Ratio Lower Upper

63 100

65 29.2 22.0 40.8

83 13.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 4.708 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.009 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

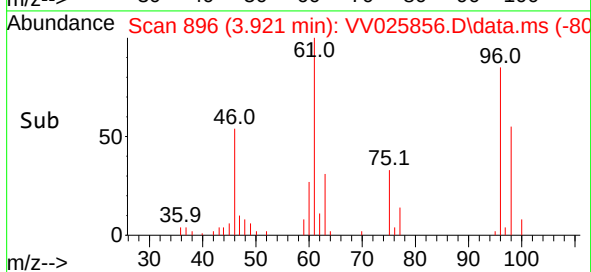
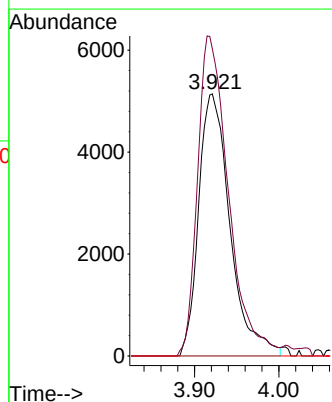
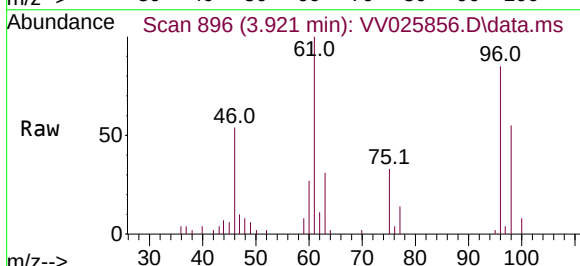
Tgt Ion: 96 Resp: 13321

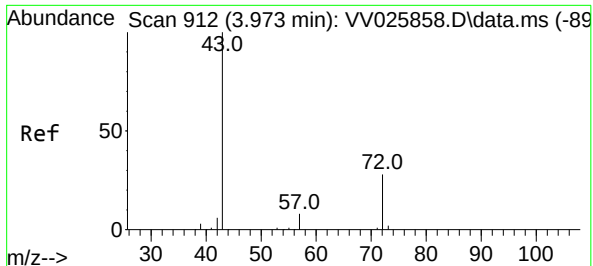
Ion Ratio Lower Upper

96 100

61 117.1 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 5.220 ug/L

RT: 4.005 min Scan# 91

Delta R.T. 0.032 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

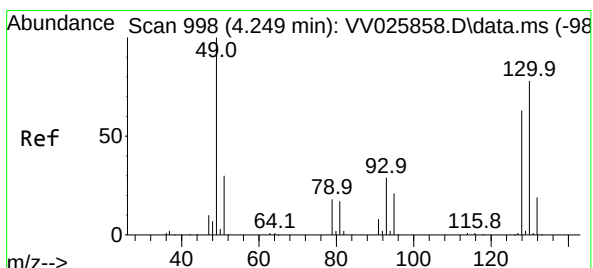
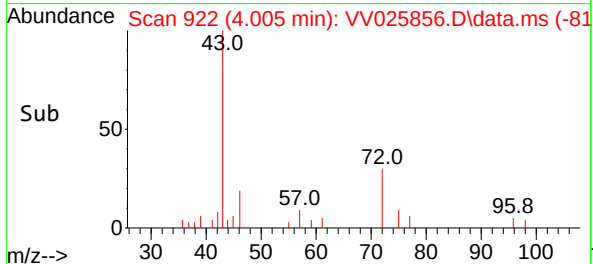
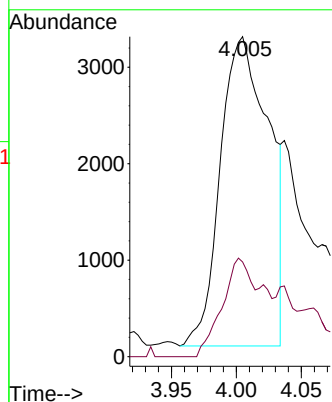
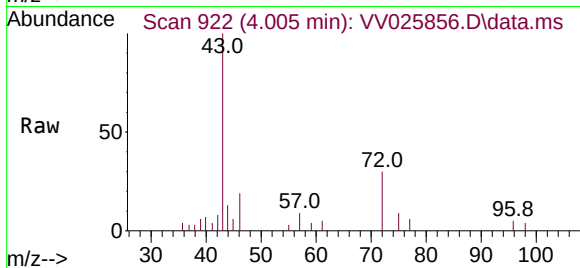
VSTD005213

Tgt Ion: 43 Resp: 8354

Ion Ratio Lower Upper

43 100

72 19.5 13.8 41.4



#23

Bromochloromethane

Concen: 4.831 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Tgt Ion: 128 Resp: 7220

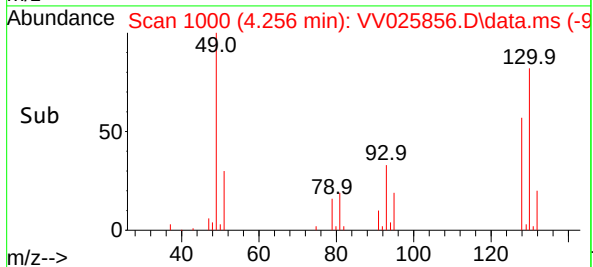
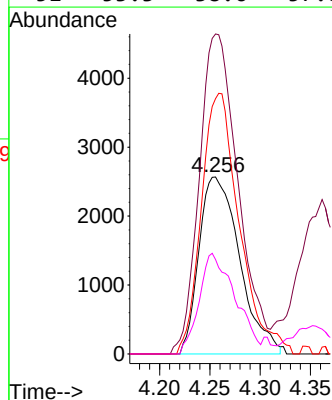
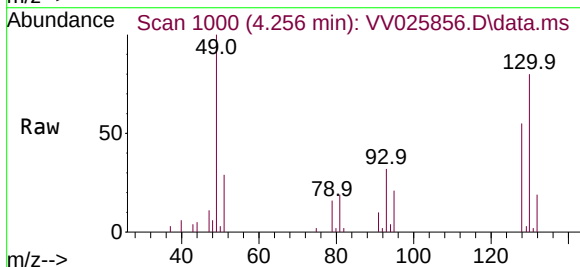
Ion Ratio Lower Upper

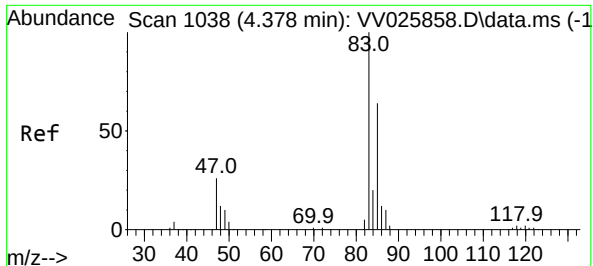
128 100

49 180.8 111.0 206.2

130 144.3 87.1 161.7

51 53.3 38.6 57.8





#25

Chloroform

Concen: 5.211 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

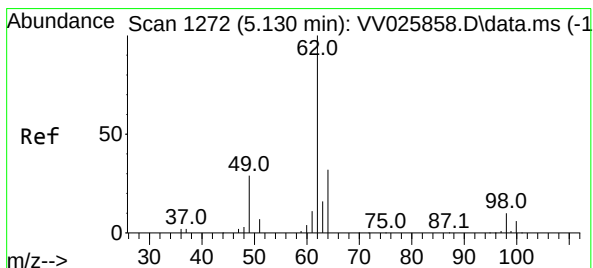
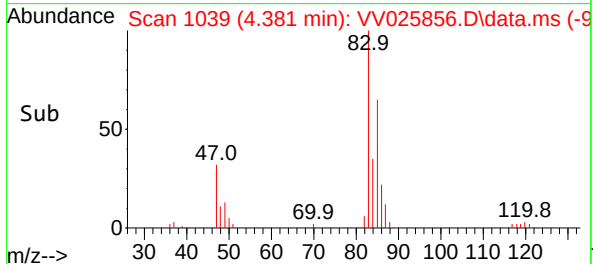
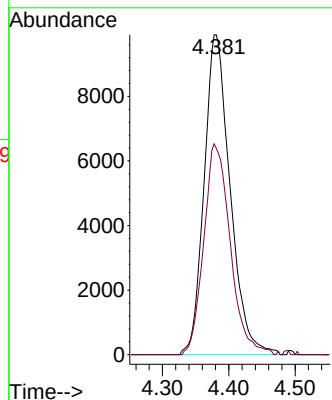
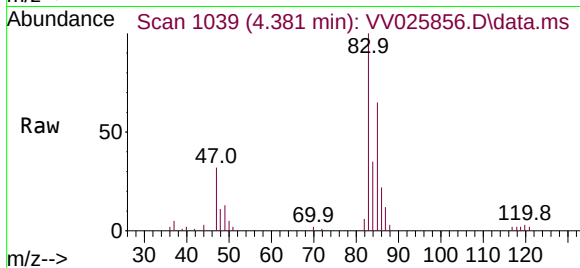
VSTD005213

Tgt Ion: 83 Resp: 27038

Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.3



#27

1,2-Dichloroethane

Concen: 5.040 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV025856.D

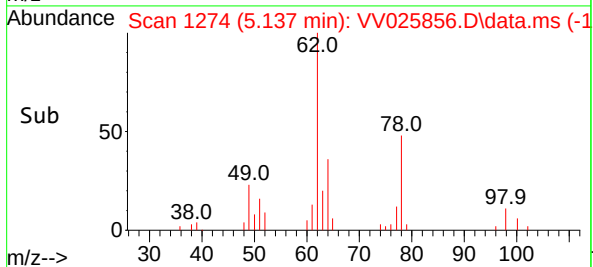
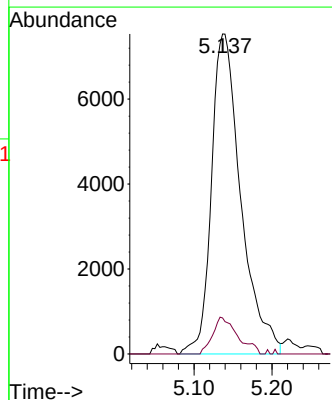
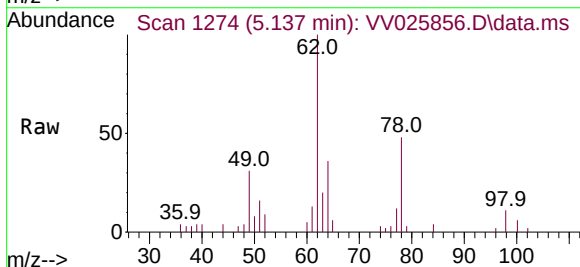
Acq: 10 May 2022 11:02

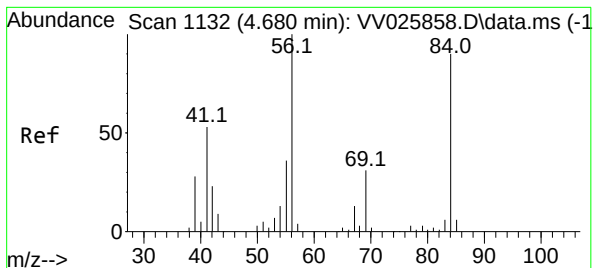
Tgt Ion: 62 Resp: 19770

Ion Ratio Lower Upper

62 100

98 11.2 7.7 11.5





#29

Cyclohexane

Concen: 4.467 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

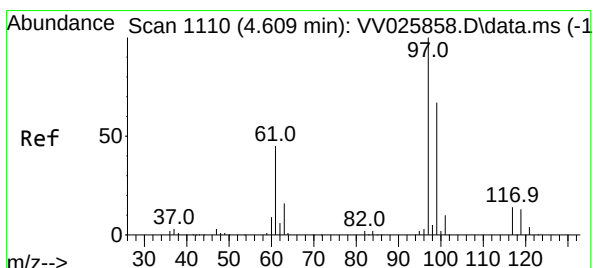
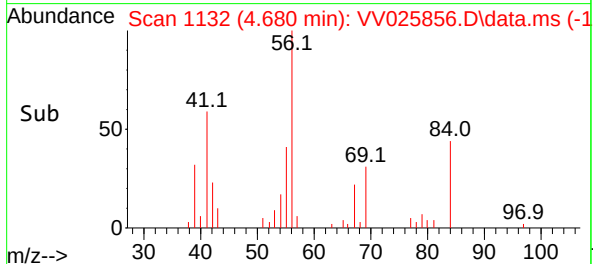
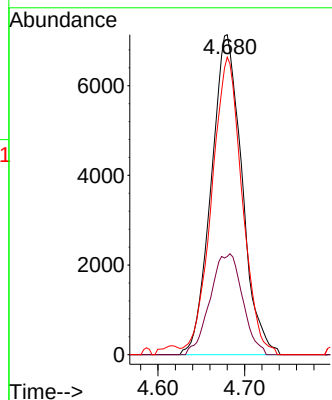
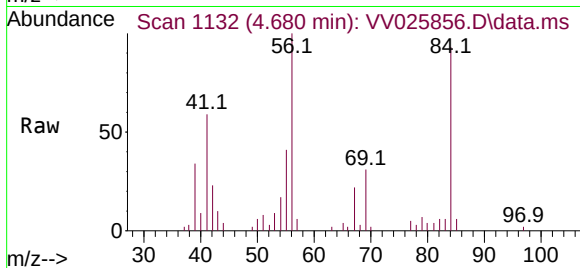
Tgt Ion: 56 Resp: 17587

Ion Ratio Lower Upper

56 100

69 16.2 24.8 37.2#

84 92.1 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 5.205 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

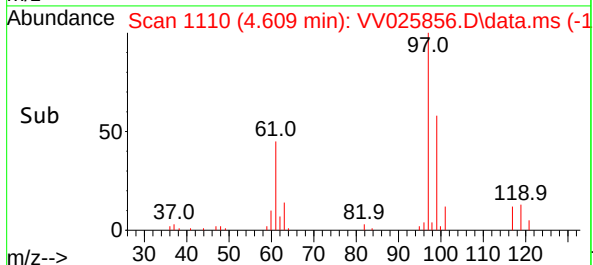
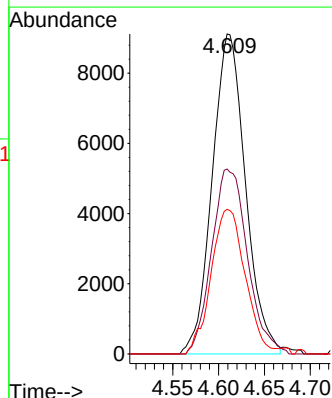
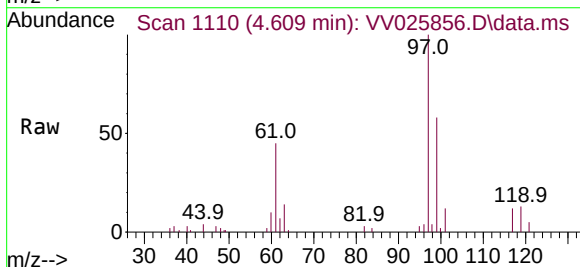
Tgt Ion: 97 Resp: 22991

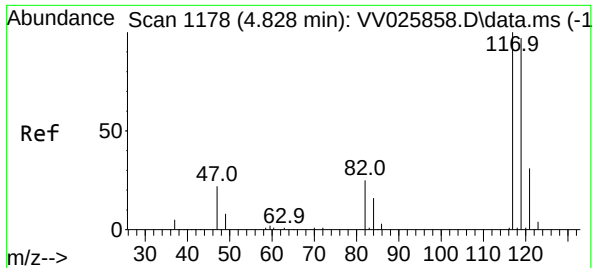
Ion Ratio Lower Upper

97 100

99 62.2 52.6 78.8

61 46.2 35.6 53.4

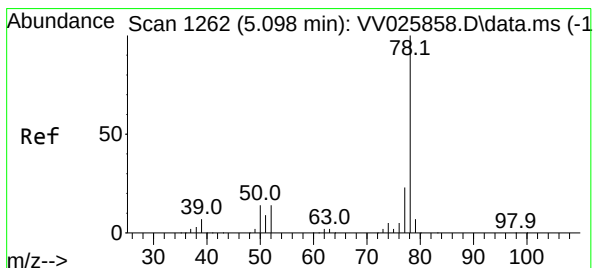
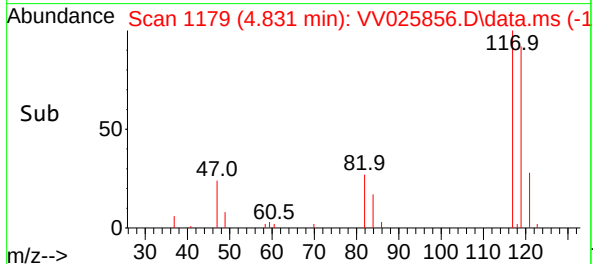
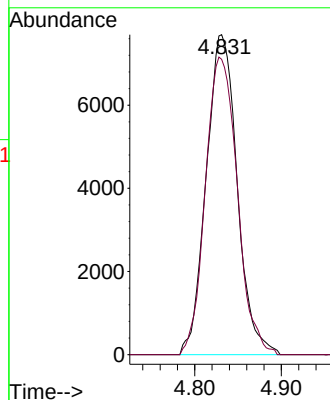
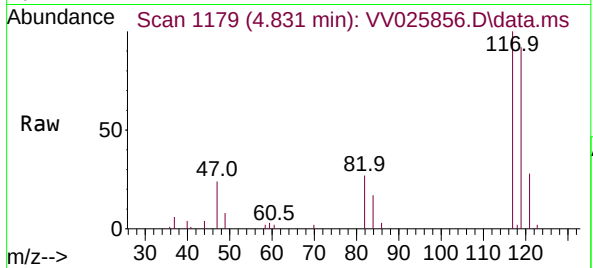




#31
Carbon tetrachloride
Concen: 5.161 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

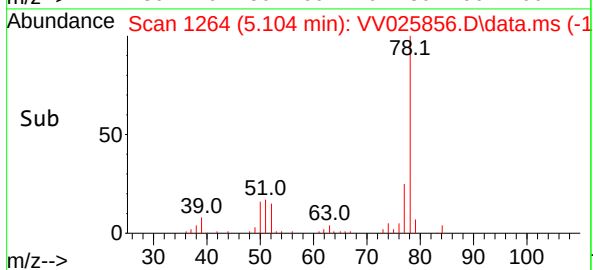
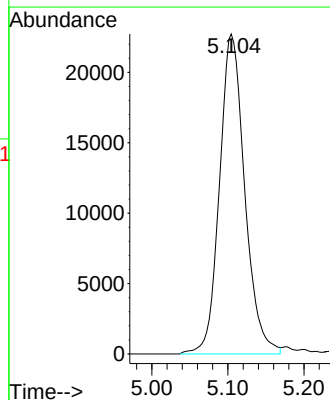
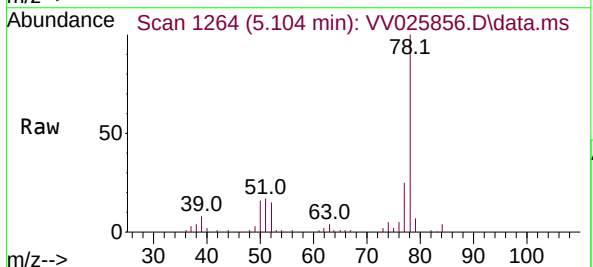
Instrument :
MSVOA_V
ClientSampleId :
VSTD005213

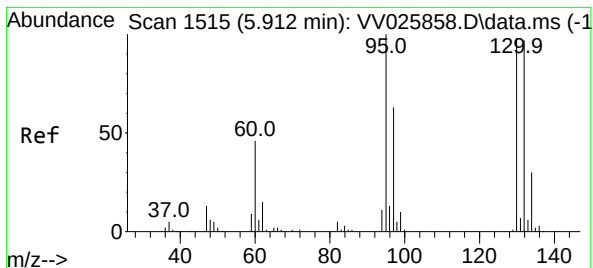
Tgt Ion:117 Resp: 19138
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 4.782 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion: 78 Resp: 52368





#34

Trichloroethene

Concen: 5.005 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

Tgt Ion: 95 Resp: 14334

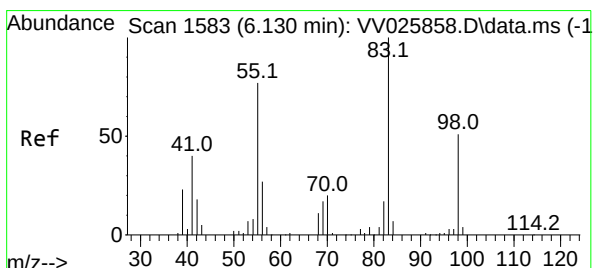
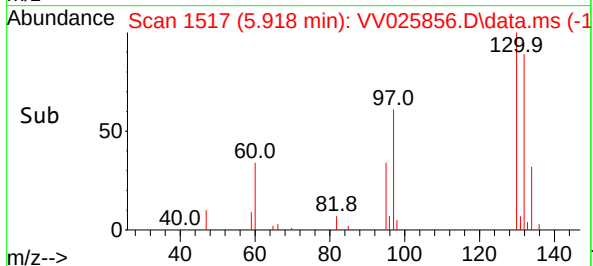
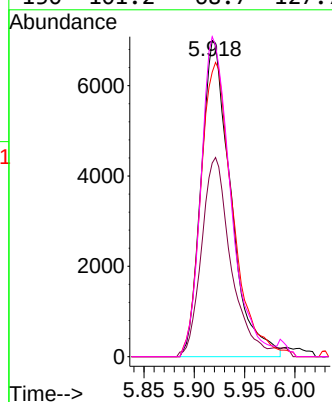
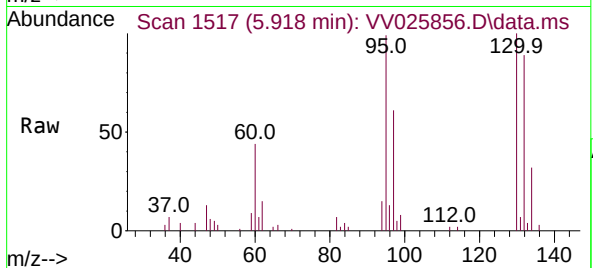
Ion Ratio Lower Upper

95 100

97 61.3 44.2 82.0

132 90.0 67.7 125.7

130 101.2 68.7 127.7



#35

Methylcyclohexane

Concen: 4.432 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

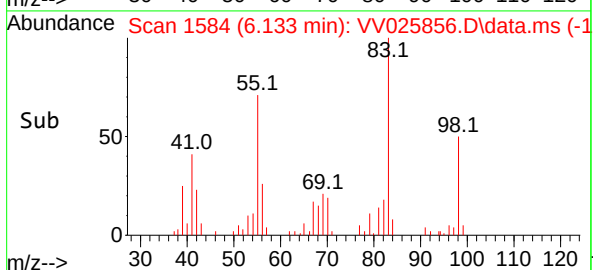
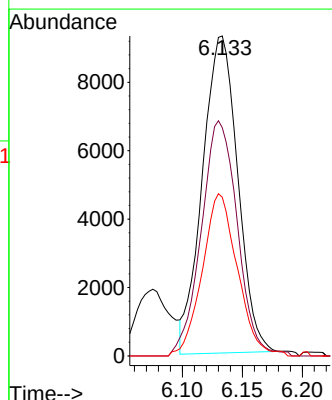
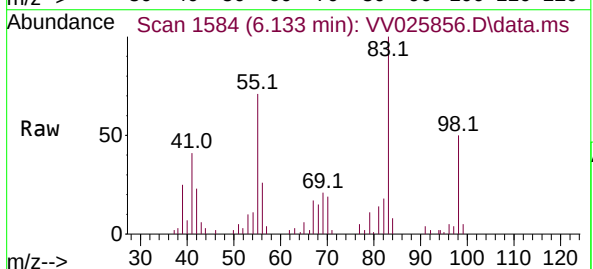
Tgt Ion: 83 Resp: 19014

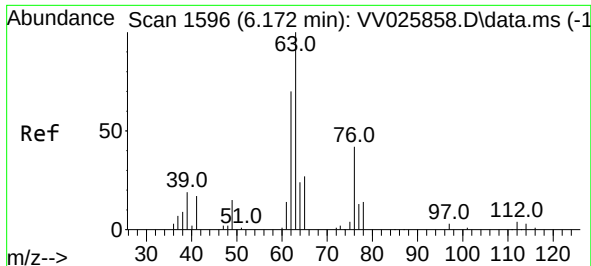
Ion Ratio Lower Upper

83 100

55 75.7 58.6 87.8

98 50.5 39.1 58.7





#37

1,2-Dichloropropane

Concen: 4.523 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

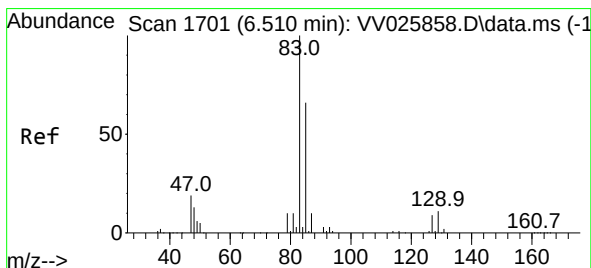
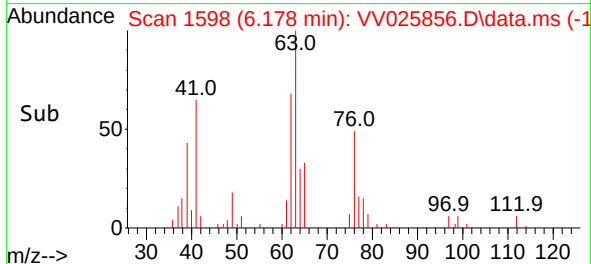
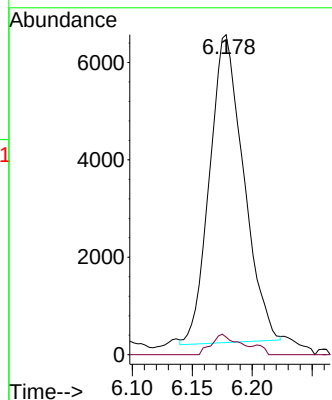
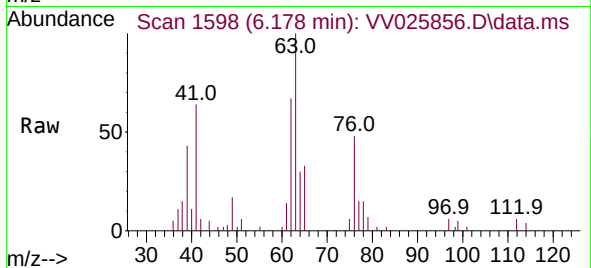
VSTD005213

Tgt Ion: 63 Resp: 12442

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 4.973 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

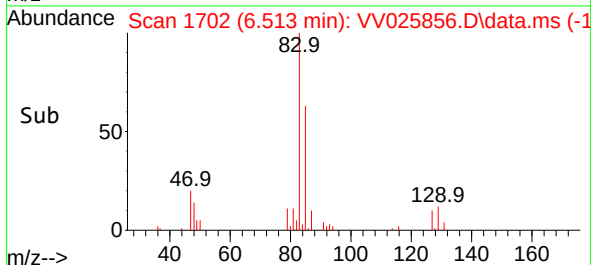
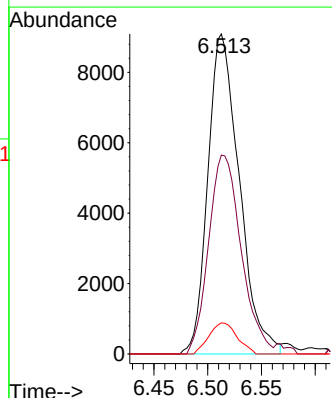
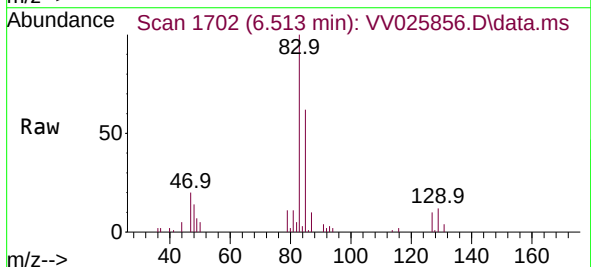
Tgt Ion: 83 Resp: 18500

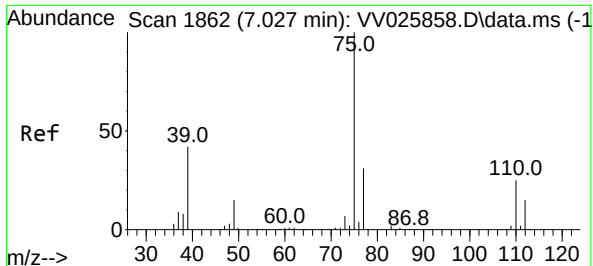
Ion Ratio Lower Upper

83 100

85 62.1 46.0 85.4

127 9.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.091 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

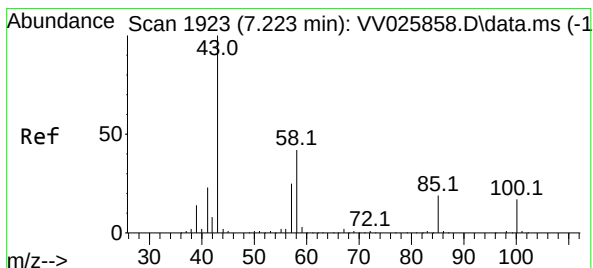
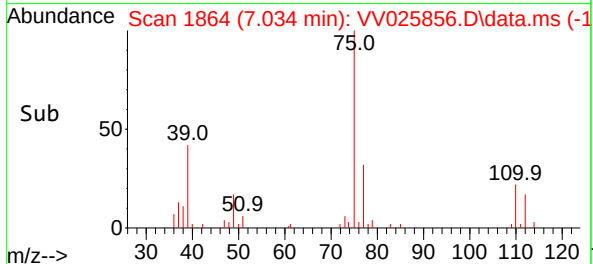
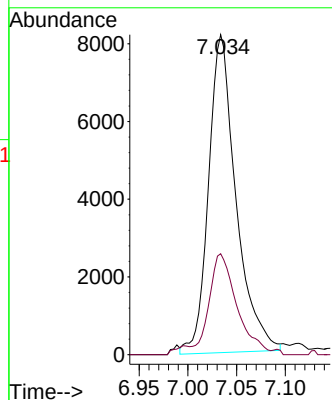
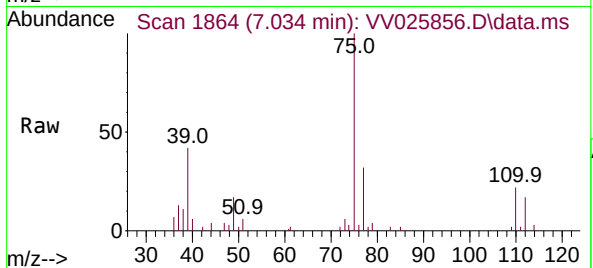
VSTD005213

Tgt Ion: 75 Resp: 16048

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 8.757 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

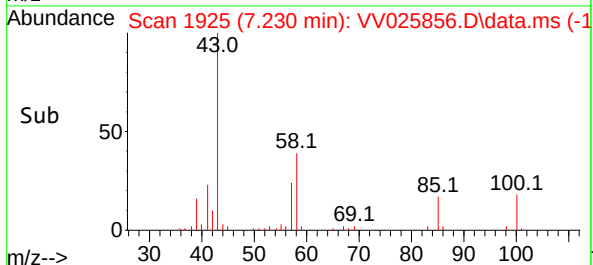
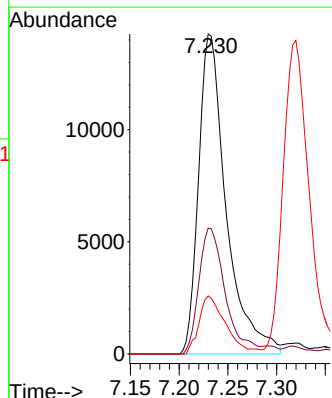
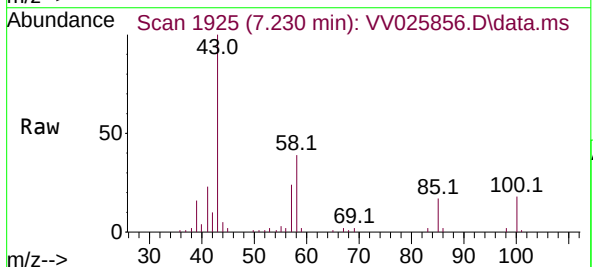
Tgt Ion: 43 Resp: 28158

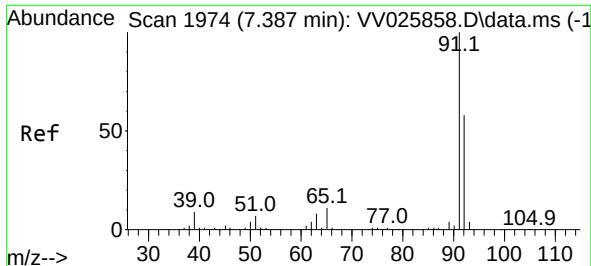
Ion Ratio Lower Upper

43 100

58 37.4 32.9 49.3

100 17.0 13.7 20.5





#42

Toluene

Concen: 4.595 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

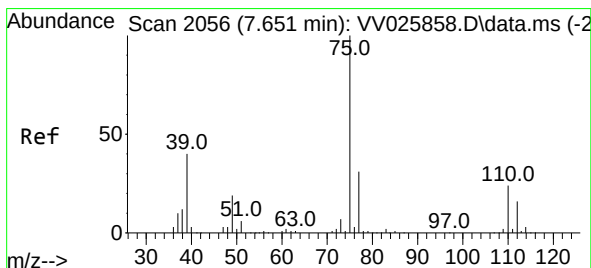
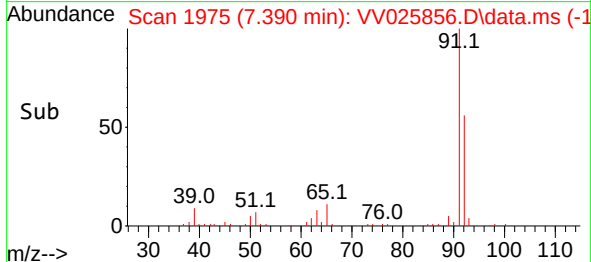
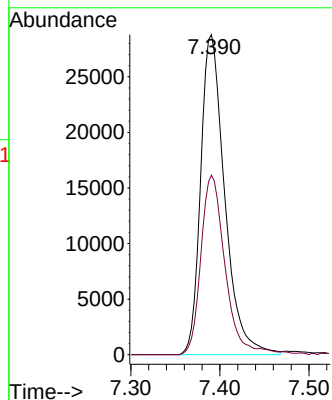
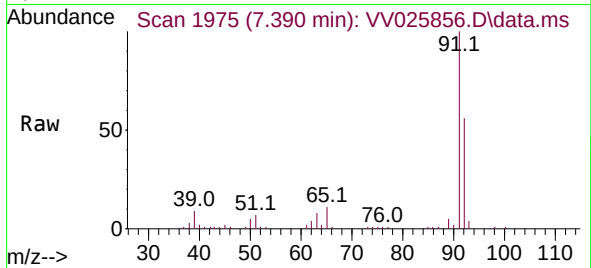
VSTD005213

Tgt Ion: 91 Resp: 53982

Ion Ratio Lower Upper

91 100

92 56.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.186 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV025856.D

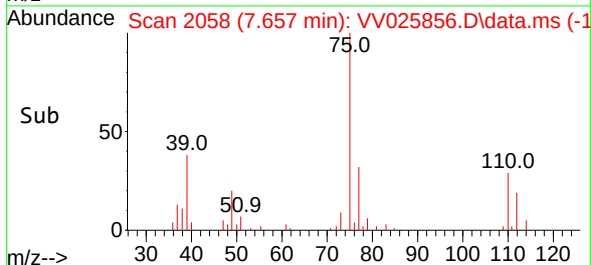
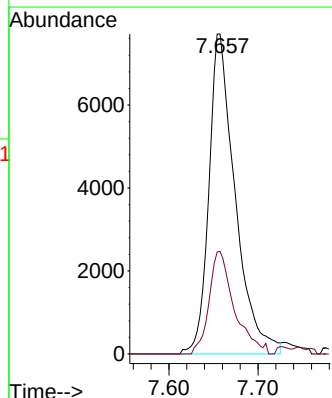
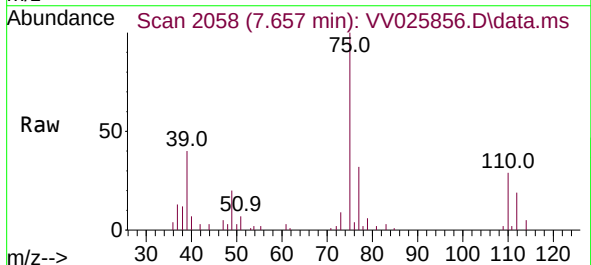
Acq: 10 May 2022 11:02

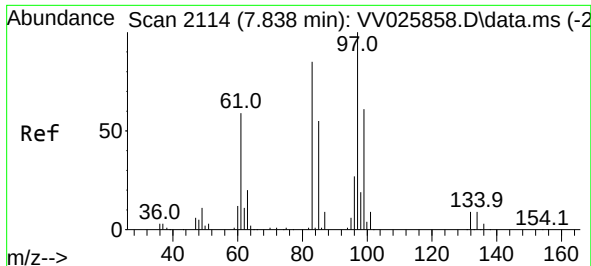
Tgt Ion: 75 Resp: 15798

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.116 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

Tgt Ion: 97 Resp: 14300

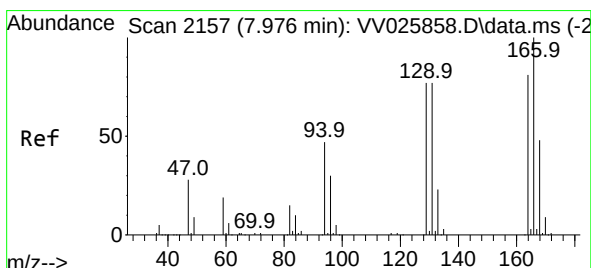
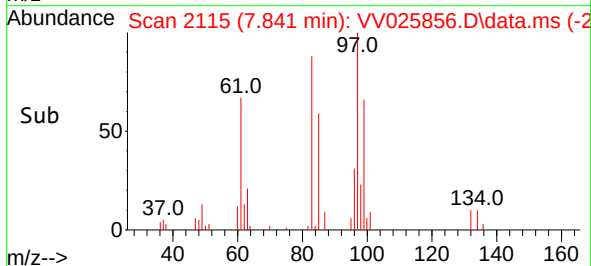
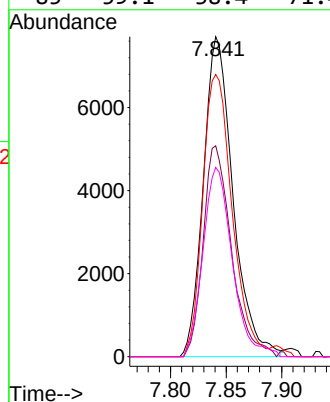
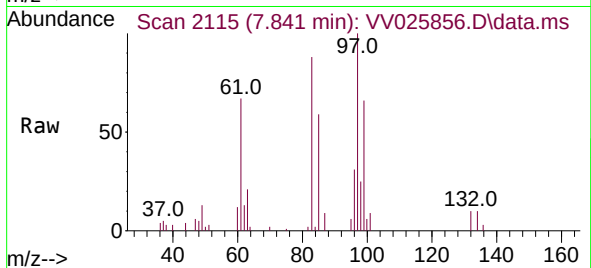
Ion Ratio Lower Upper

97 100

99 65.9 42.6 79.0

83 88.2 59.7 110.9

85 59.1 38.4 71.4



#46

Tetrachloroethene

Concen: 4.939 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Tgt Ion: 164 Resp: 10434

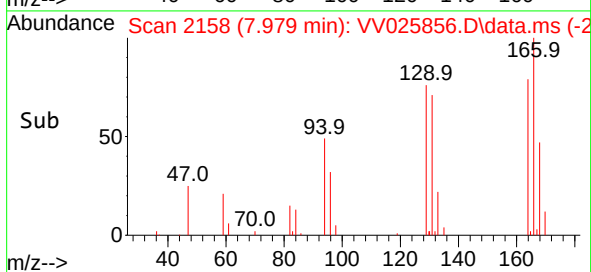
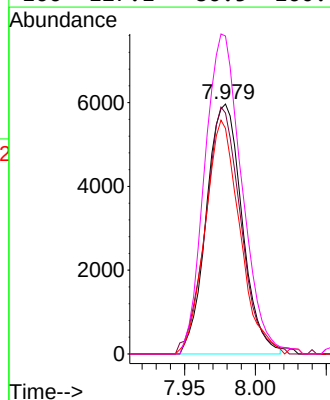
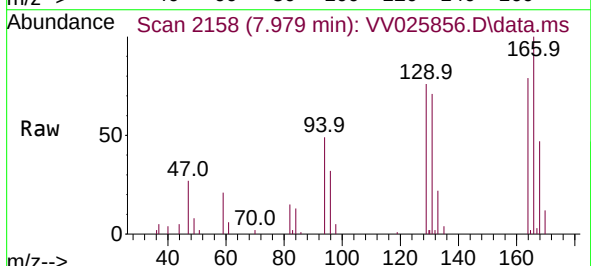
Ion Ratio Lower Upper

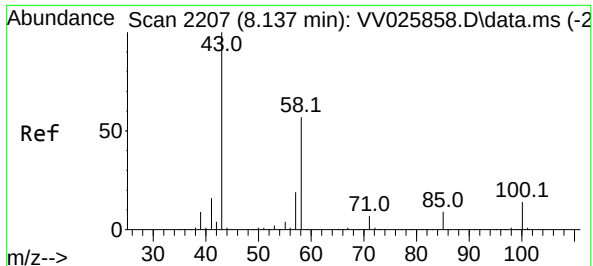
164 100

129 96.4 66.8 124.2

131 90.2 66.7 123.9

166 127.1 86.5 160.7





#48

2-Hexanone

Concen: 7.914 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

Tgt Ion: 43 Resp: 19801

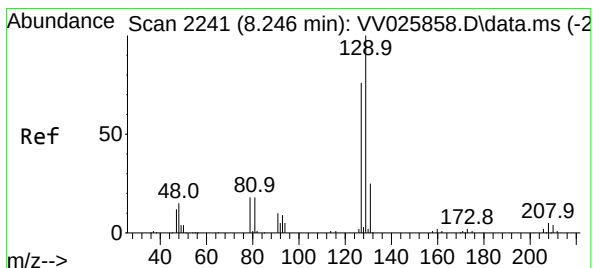
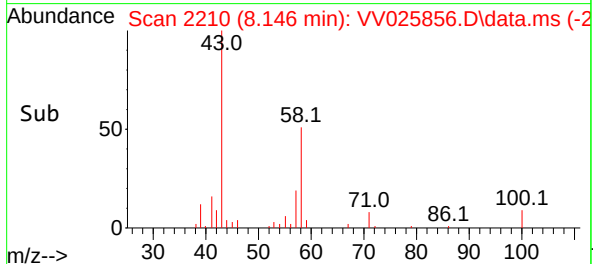
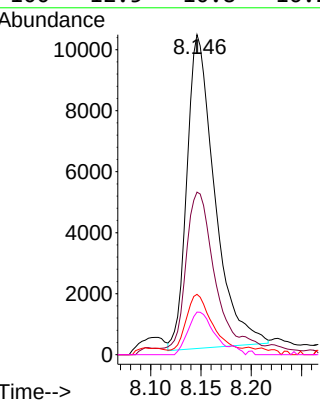
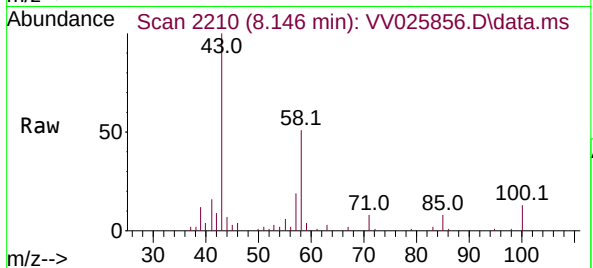
Ion Ratio Lower Upper

43 100

58 48.8 45.9 68.9

57 19.2 15.4 23.2

100 12.5 10.8 16.2



#49

Dibromochloromethane

Concen: 4.810 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV025856.D

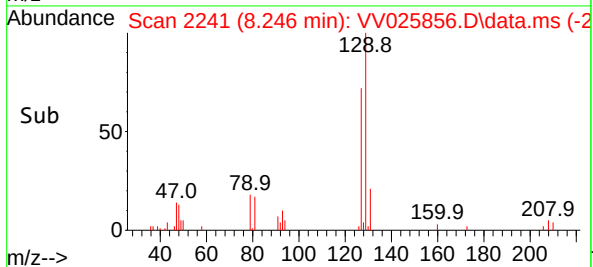
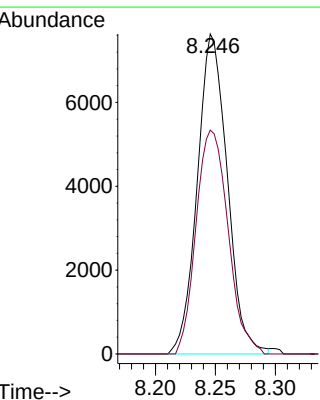
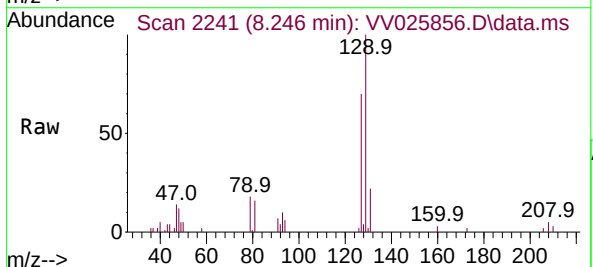
Acq: 10 May 2022 11:02

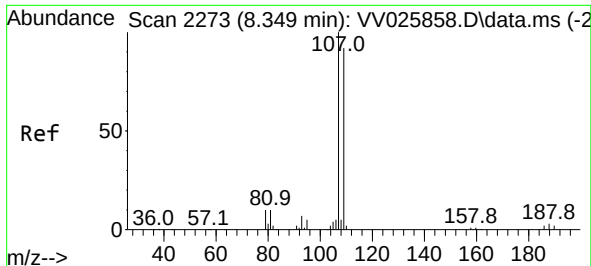
Tgt Ion: 129 Resp: 13262

Ion Ratio Lower Upper

129 100

127 70.0 53.5 99.5





#50

1,2-Dibromoethane

Concen: 4.973 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

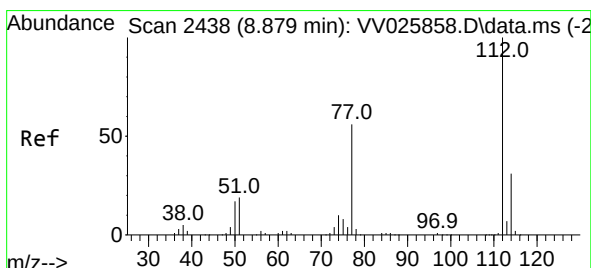
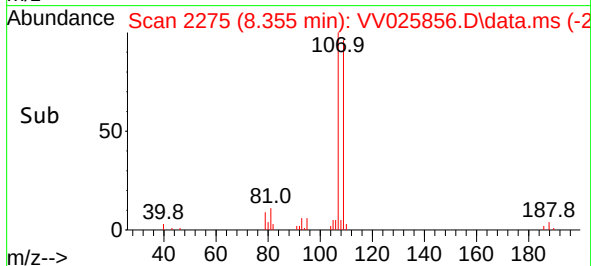
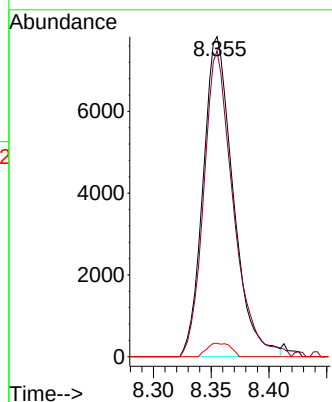
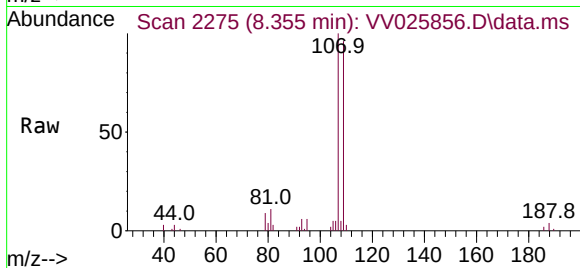
Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

Tgt Ion:107	Resp:	14136
Ion Ratio	Lower	Upper
107	100	
109	95.6	64.1 119.1
188	4.1	2.6 3.8#



#51

Chlorobenzene

Concen: 4.888 ug/L

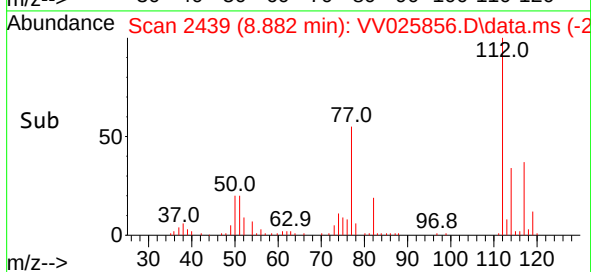
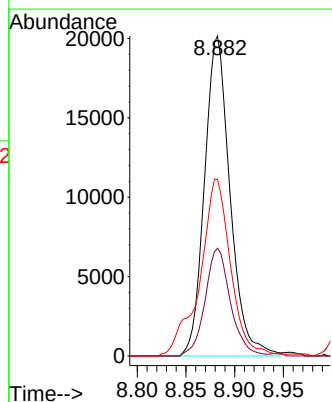
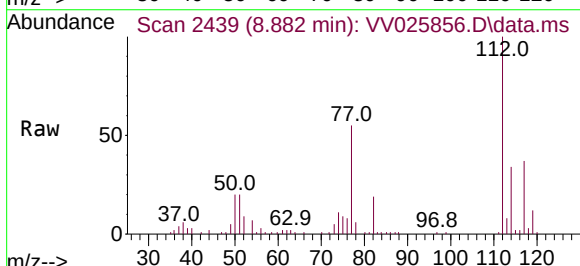
RT: 8.882 min Scan# 2439

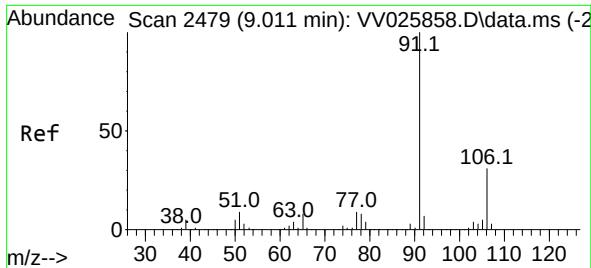
Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Tgt Ion:112	Resp:	36770
Ion Ratio	Lower	Upper
112	100	
114	33.7	22.0 40.8
77	55.2	45.3 67.9

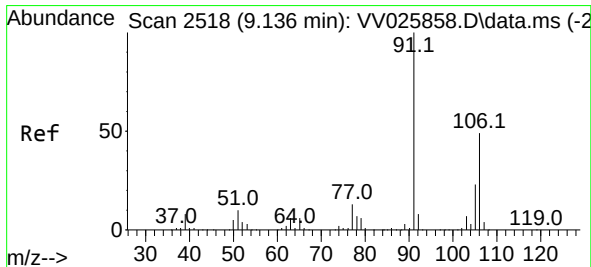
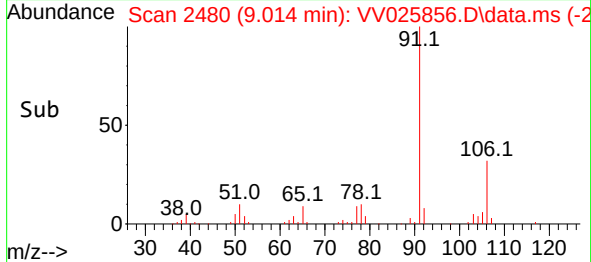
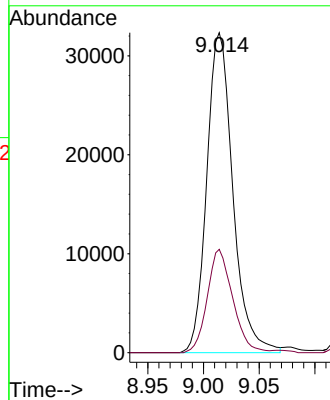
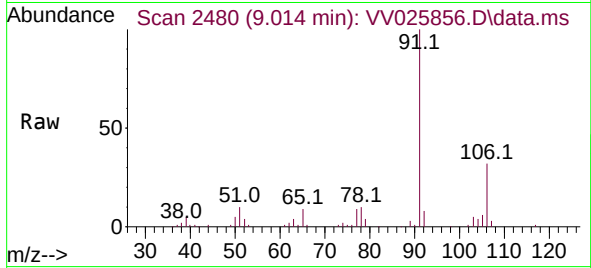




#52
Ethylbenzene
Concen: 4.353 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

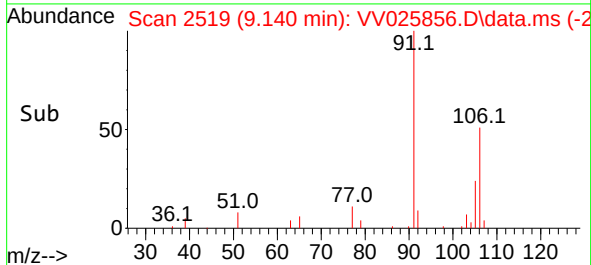
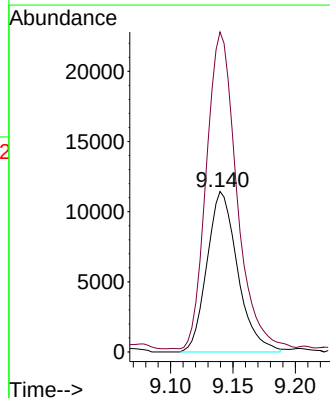
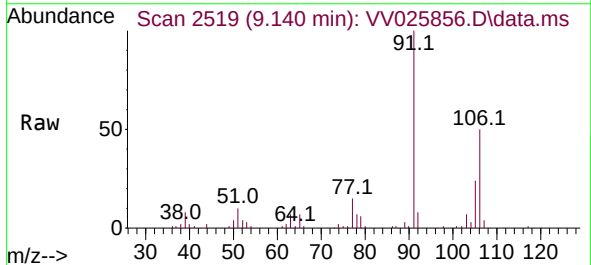
Instrument :
MSVOA_V
ClientSampleId :
VSTD005213

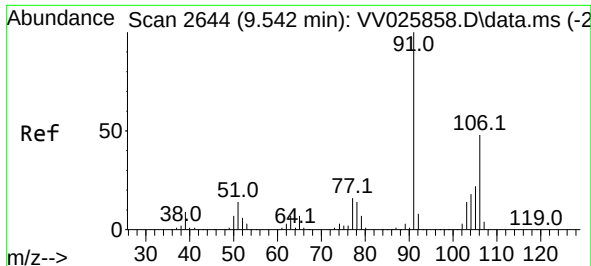
Tgt Ion: 91 Resp: 52762
Ion Ratio Lower Upper
91 100
106 32.3 21.8 40.6



#53
m,p-Xylene
Concen: 4.162 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion: 106 Resp: 19567
Ion Ratio Lower Upper
106 100
91 199.4 142.0 263.6

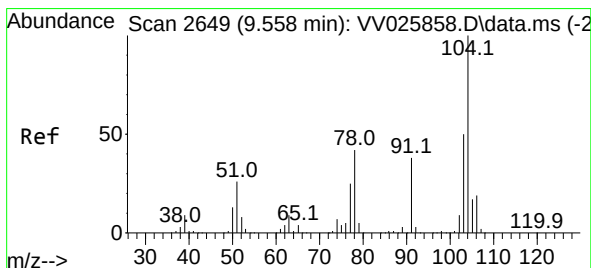
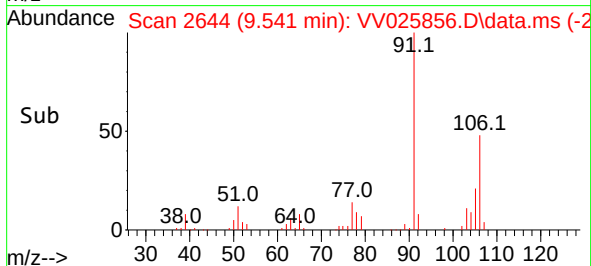
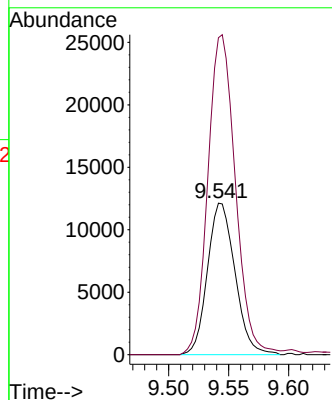
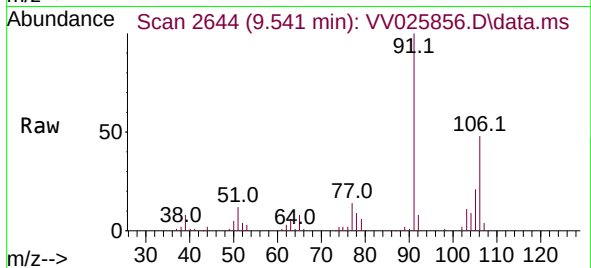




#54
o-Xylene
Concen: 4.197 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

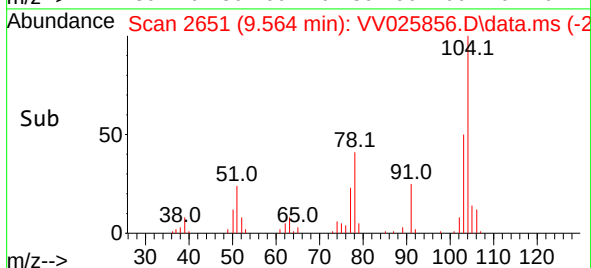
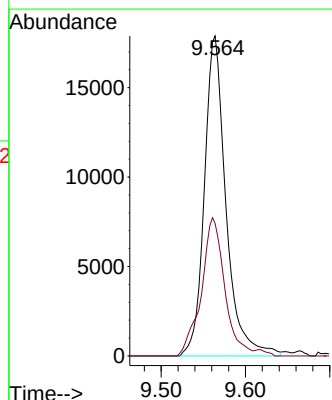
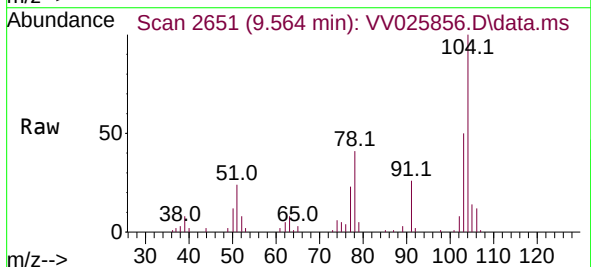
Instrument :
MSVOA_V
ClientSampleId :
VSTD005213

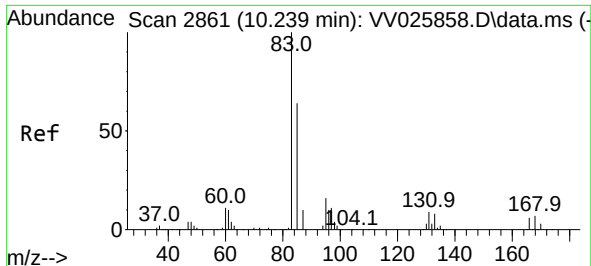
Tgt Ion:106 Resp: 19383
Ion Ratio Lower Upper
106 100
91 209.2 147.4 273.8



#55
Styrene
Concen: 3.977 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion:104 Resp: 32003
Ion Ratio Lower Upper
104 100
78 41.5 29.8 55.3

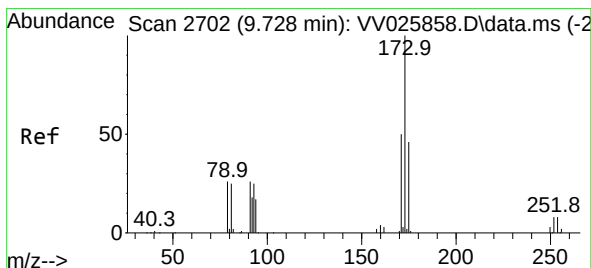
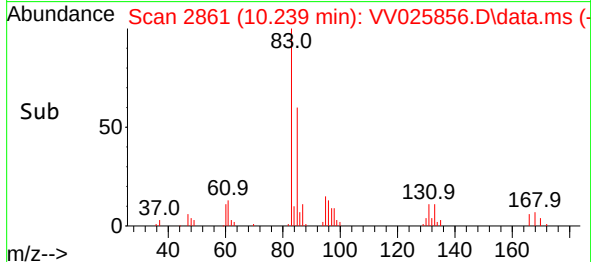
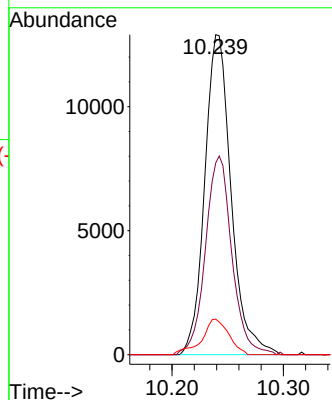
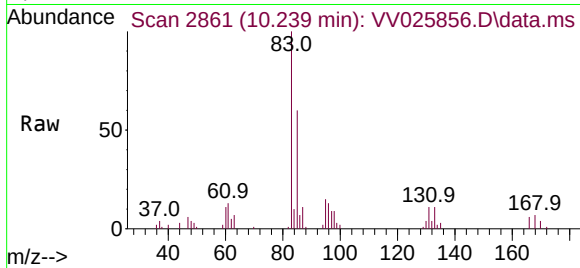




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.096 ug/L
 RT: 10.239 min Scan# 21252
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

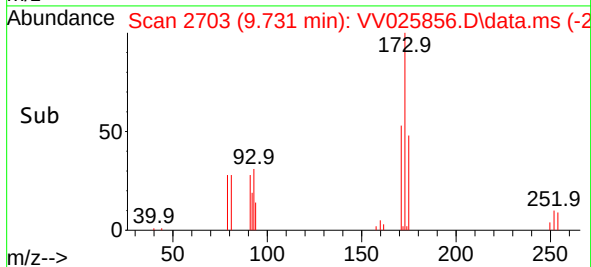
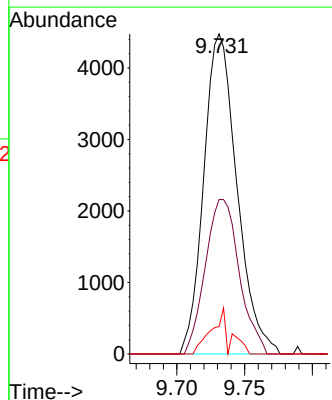
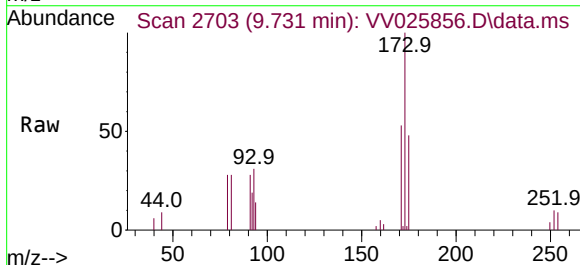
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005213

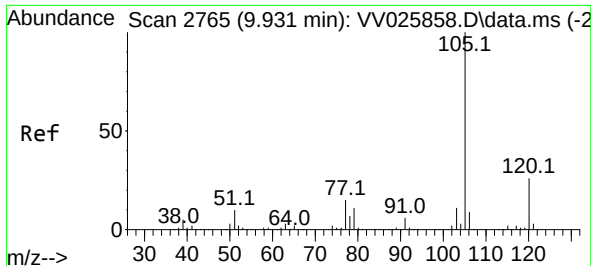
Tgt Ion:	83	Resp:	21252
Ion	Ratio	Lower	Upper
83	100		
85	59.9	44.7	82.9
131	11.1	7.5	11.3



#59
 Bromoform
 Concen: 4.990 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

Tgt Ion:	173	Resp:	7627
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.1	57.1
254	5.8	7.0	10.6

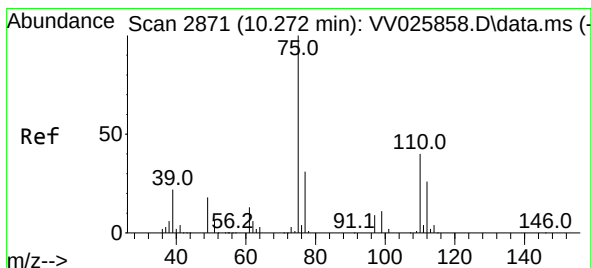
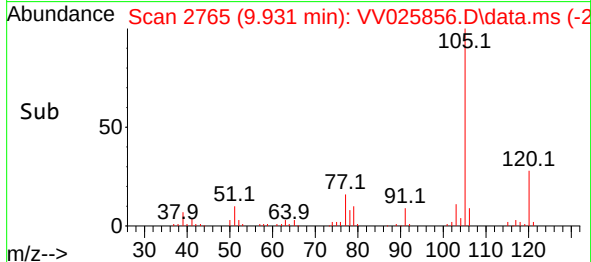
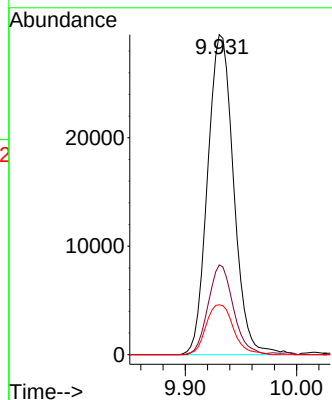
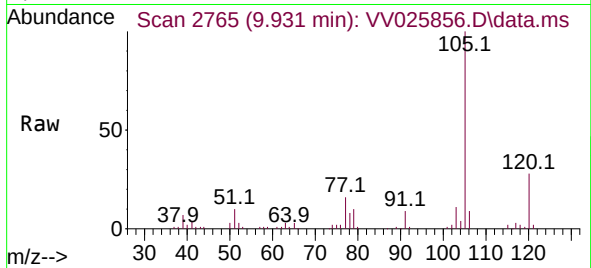




#60
Isopropylbenzene
Concen: 4.511 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

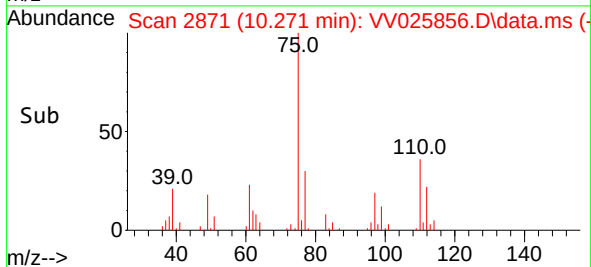
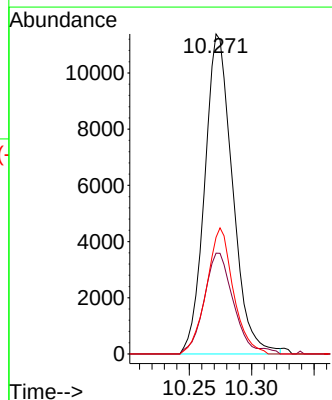
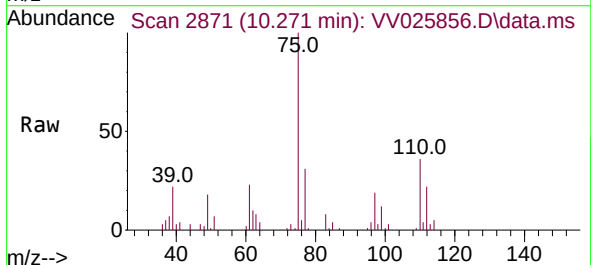
Instrument :
MSVOA_V
ClientSampleId :
VSTD005213

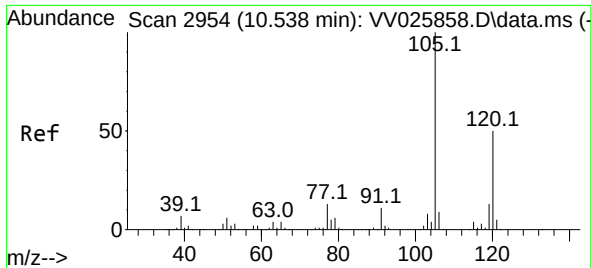
Tgt Ion:105 Resp: 47881
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.6
77 16.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.640 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion: 75 Resp: 17688
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 37.9 32.3 48.5

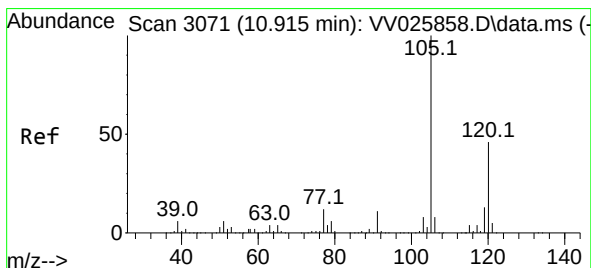
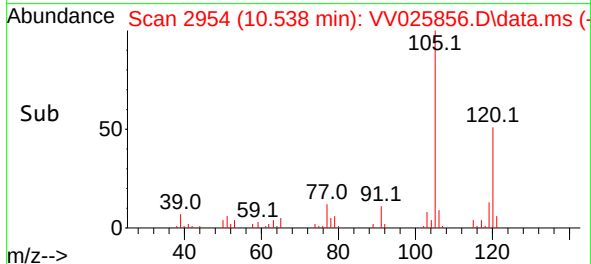
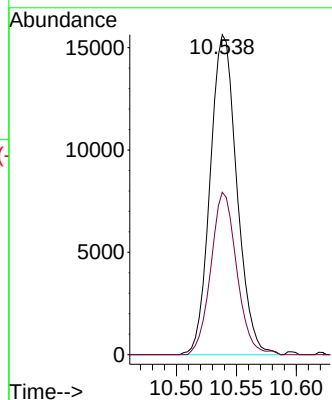
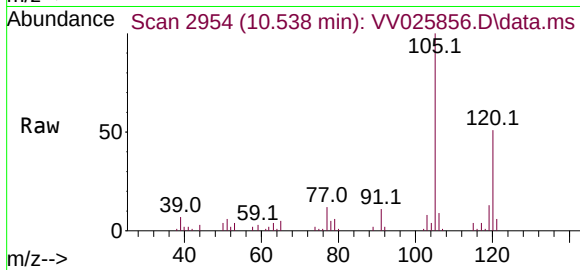




#62
 1,3,5-Trimethylbenzene
 Concen: 4.424 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

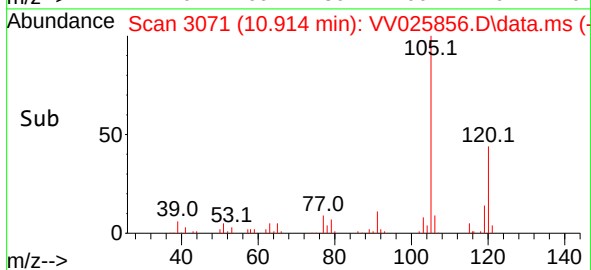
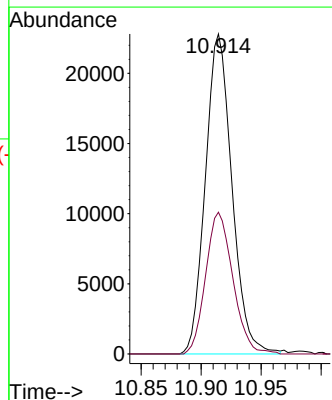
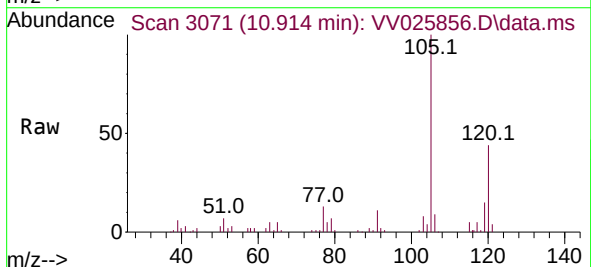
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005213

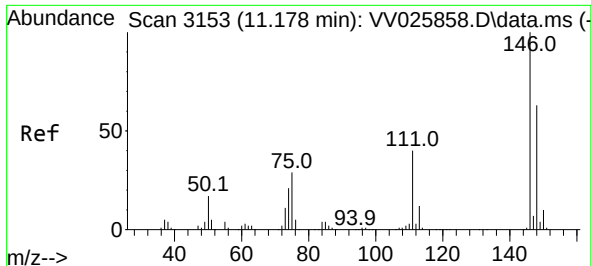
Tgt Ion:105 Resp: 24203
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.144 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

Tgt Ion:105 Resp: 35174
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.6 55.0

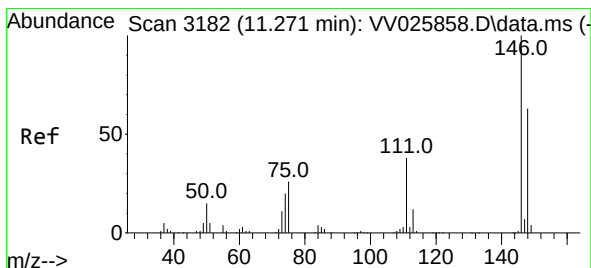
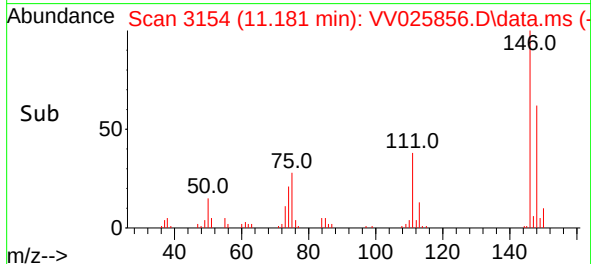
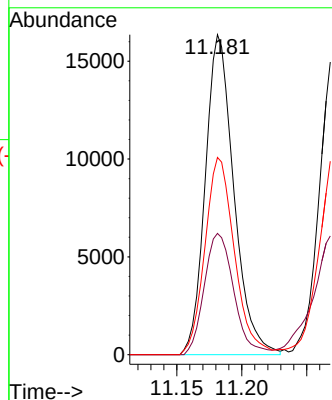
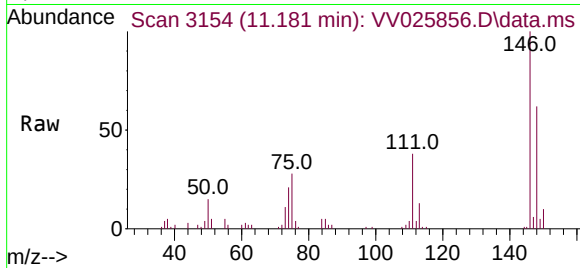




#64
1,3-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

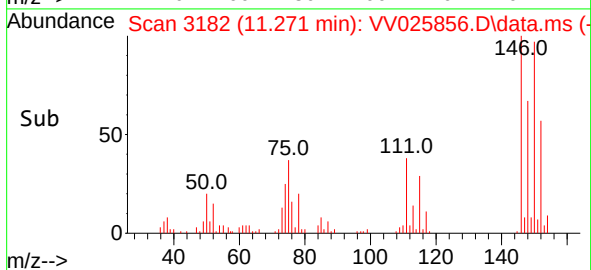
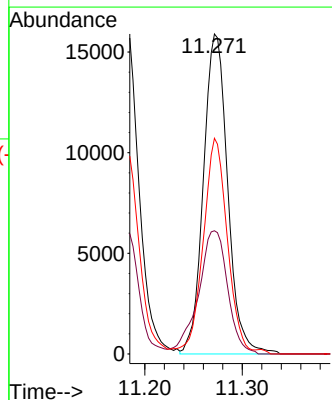
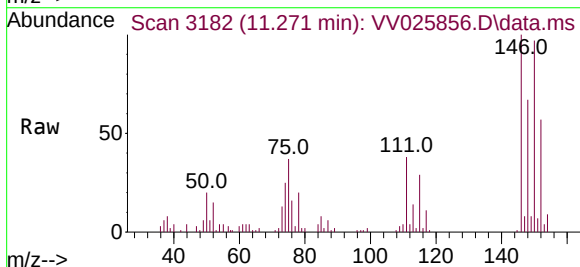
Instrument :
MSVOA_V
ClientSampleId :
VSTD005213

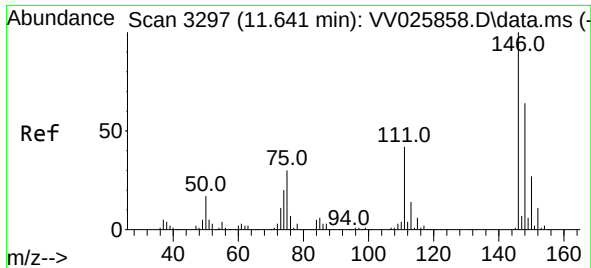
Tgt Ion:146 Resp: 25029
Ion Ratio Lower Upper
146 100
111 37.9 28.1 52.1
148 61.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.222 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025856.D
Acq: 10 May 2022 11:02

Tgt Ion:146 Resp: 27496
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 67.4 44.2 82.2

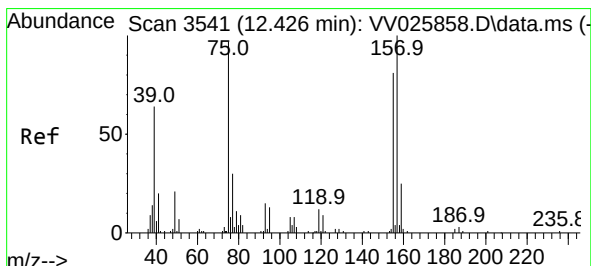
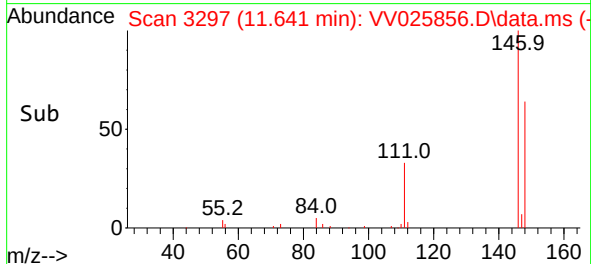
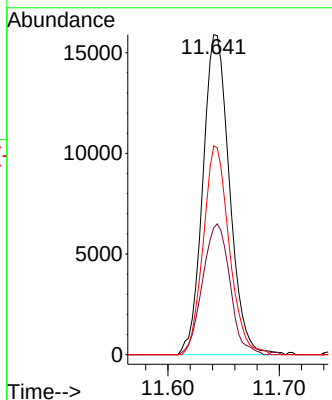
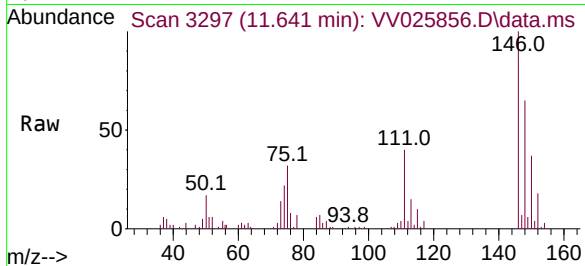




#67
 1,2-Dichlorobenzene
 Concen: 5.077 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

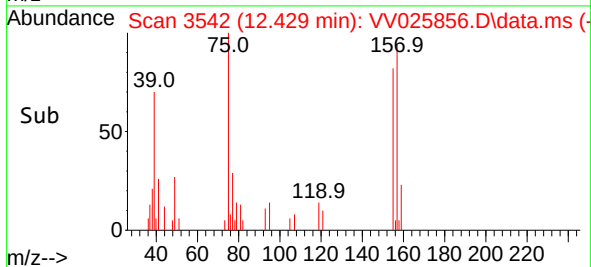
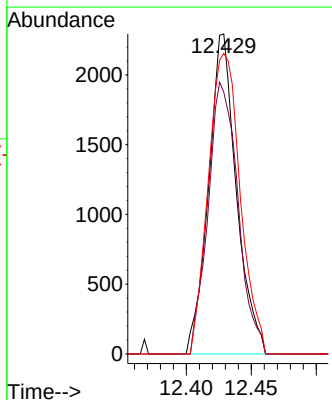
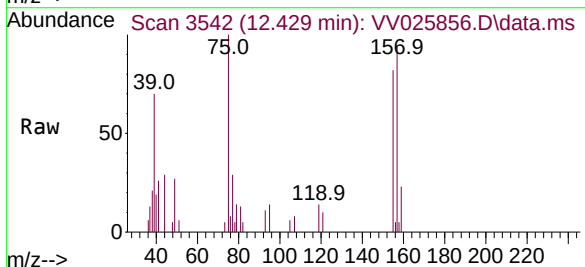
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005213

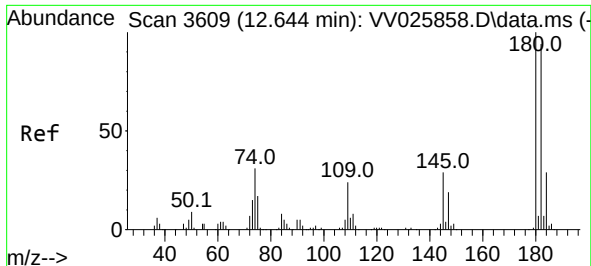
Tgt Ion:	146	Resp:	26381
Ion	Ratio	Lower	Upper
146	100		
111	39.6	33.7	50.5
148	65.3	51.4	77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.713 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV025856.D
 Acq: 10 May 2022 11:02

Tgt Ion:	75	Resp:	3415
Ion	Ratio	Lower	Upper
75	100		
155	81.7	66.8	100.2
157	93.9	82.5	123.7





#69

1,3,5-Trichlorobenzene

Concen: 4.806 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

Tgt Ion:180 Resp: 16673

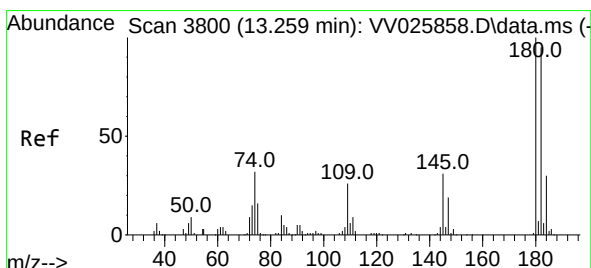
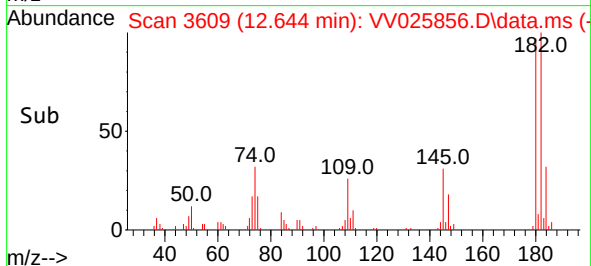
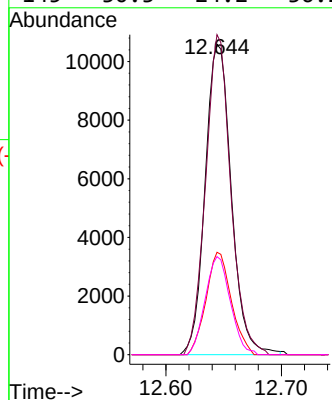
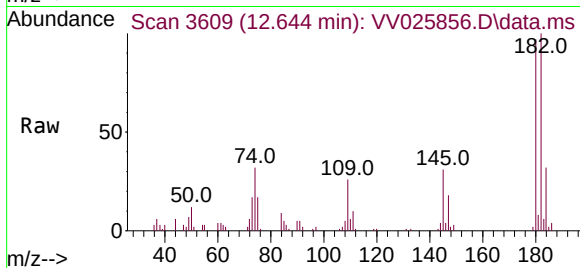
Ion Ratio Lower Upper

180 100

182 99.1 75.1 112.7

184 31.8 23.6 35.4

145 30.3 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.650 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

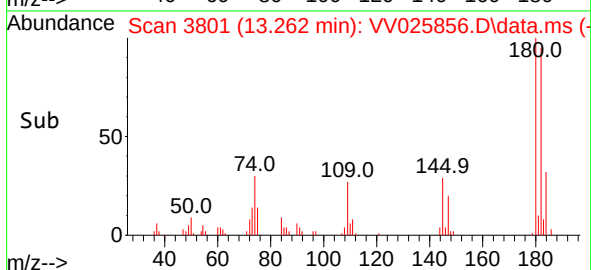
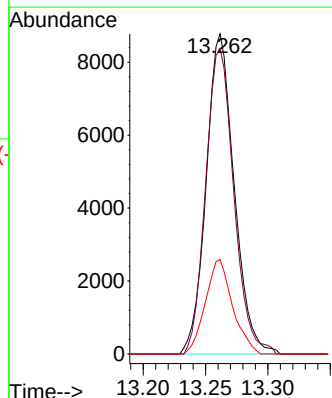
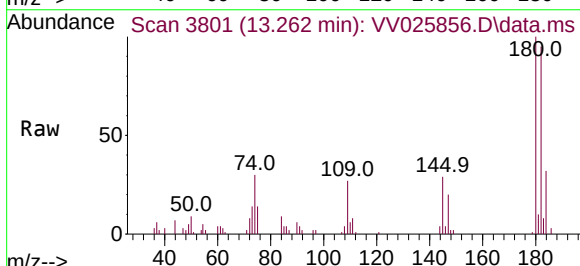
Tgt Ion:180 Resp: 13736

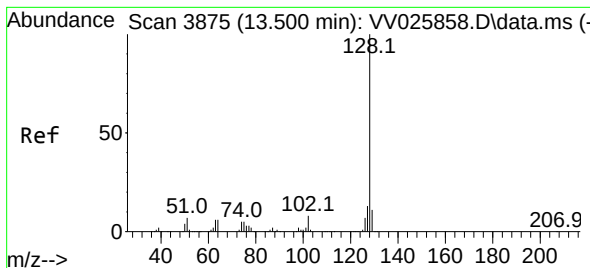
Ion Ratio Lower Upper

180 100

182 95.7 74.8 112.2

145 28.6 24.8 37.2





#71

Naphthalene

Concen: 4.147 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005213

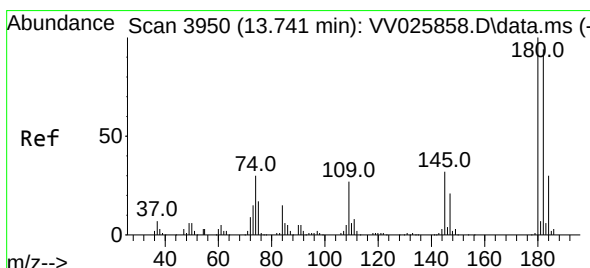
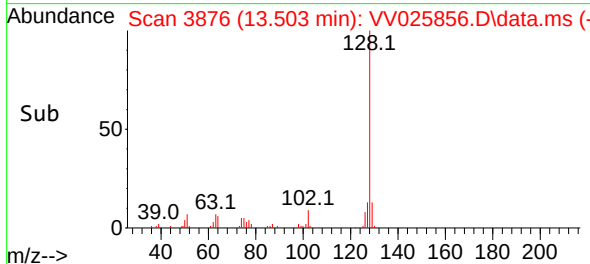
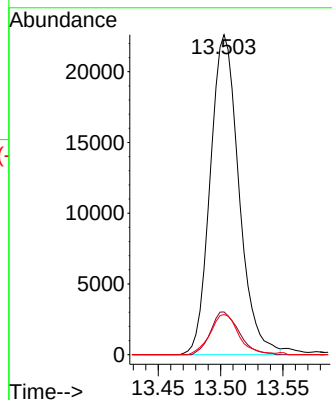
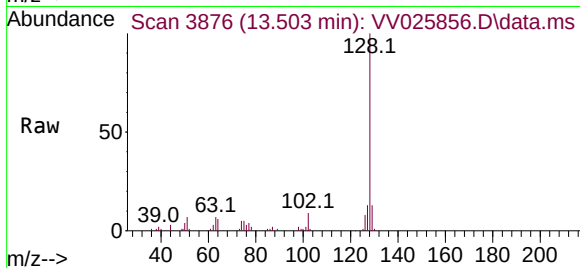
Tgt Ion:128 Resp: 36275

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 12.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.702 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV025856.D

Acq: 10 May 2022 11:02

Tgt Ion:180 Resp: 14154

Ion Ratio Lower Upper

180 100

182 97.6 75.8 113.8

145 33.7 26.3 39.5

