

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025756.D
 Acq On : 29 Apr 2022 19:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

Quant Time: May 02 01:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	53193	4.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.571	69	56206	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.114	63	113599	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.899	46	118737	76.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.120%#
24) Chloroform-d	4.352	84	116977	6.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.400%
26) 1,2-Dichloroethane-d4	5.034	65	52337	6.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.000%
32) Benzene-d6	5.053	84	213887	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.069	67	65830	5.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.317	98	193032	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.622	79	18707	4.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.088	63	89132	67.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.380%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44255	6.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	66151	5.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	41706	3.366	ug/L	100
3) Chloromethane	1.243	50	63804	4.740	ug/L	98
5) Vinyl chloride	1.314	62	64954	4.270	ug/L	99
6) Bromomethane	1.526	94	35773	3.261	ug/L	96
8) Chloroethane	1.590	64	47892	4.079	ug/L	99
9) Trichlorofluoromethane	1.757	101	87200	4.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	43654	3.637	ug/L	97
12) 1,1-Dichloroethene	2.124	96	47501	3.993	ug/L	90
13) Acetone	2.195	43	68873	65.425	ug/L	99
14) Carbon disulfide	2.298	76	92504	3.249	ug/L	99
15) Methyl Acetate	2.446	43	15574	6.657	ug/L	93
16) Methylene chloride	2.510	84	56099	4.864	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	105134	5.712	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	43212	4.335	ug/L	97
19) 1,1-Dichloroethane	3.195	63	96448	5.713	ug/L	99
21) 2-Butanone	3.982	43	100410	69.029	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	53388	5.088	ug/L	97
23) Bromochloromethane	4.256	128	23754	5.452	ug/L	92
25) Chloroform	4.378	83	103626	5.815	ug/L	97

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 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: May 02 01:27:50 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

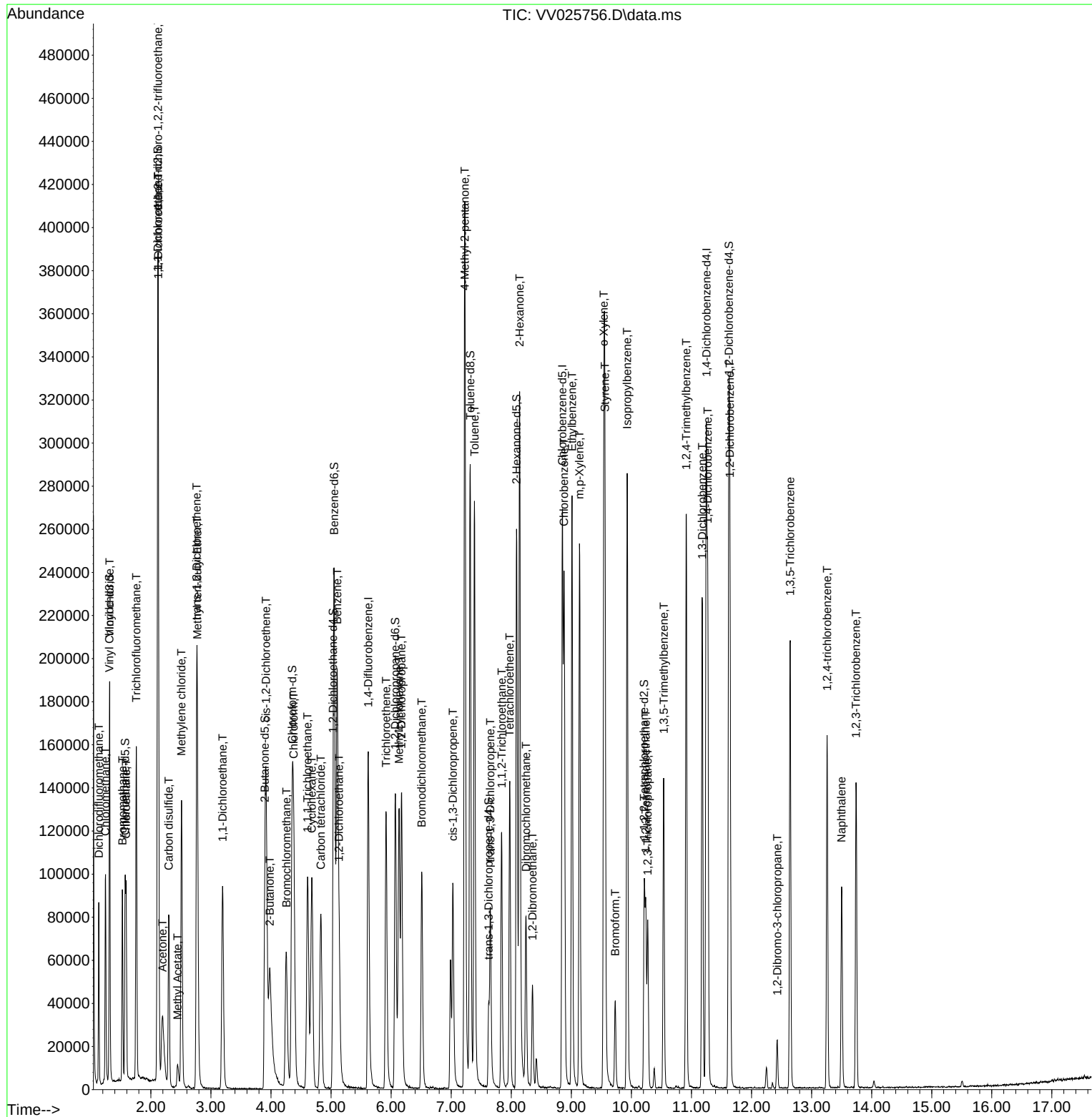
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	56136	5.970	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	79806	4.855	ug/L	98
30) Cyclohexane	4.680	56	47777	3.197	ug/L	95
31) Carbon tetrachloride	4.831	117	60063	4.321	ug/L	100
33) Benzene	5.101	78	199108	4.837	ug/L	100
34) Trichloroethene	5.915	95	46016	4.210	ug/L	98
35) Methylcyclohexane	6.133	83	51224	2.937	ug/L	97
37) 1,2-Dichloropropane	6.172	63	52161	5.477	ug/L	99
38) Bromodichloromethane	6.510	83	68279	5.775	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	58685	4.702	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	263443	69.085	ug/L	96
42) Toluene	7.387	91	198032	4.422	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	47956	4.946	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	36175	5.672	ug/L	98
47) Tetrachloroethene	7.976	164	31634	3.697	ug/L	92
48) 2-Hexanone	8.140	43	196181	73.822	ug/L	94
49) Dibromochloromethane	8.246	129	39569	5.652	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30638	5.114	ug/L #	97
51) Chlorobenzene	8.879	112	123752	4.328	ug/L	98
52) Ethylbenzene	9.011	91	184199	3.857	ug/L	100
53) m,p-Xylene	9.137	106	72653	4.001	ug/L	96
54) o-Xylene	9.542	106	71814	4.072	ug/L	98
55) Styrene	9.561	104	127646	4.451	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	39866	6.256	ug/L	99
59) Bromoform	9.731	173	17084	5.689	ug/L	96
60) Isopropylbenzene	9.931	105	181737	4.036	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	30449	6.355	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	75435	3.757	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	138675	3.833	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	88512	4.211	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	87269	4.090	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	85194	4.577	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5648	6.818	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	61277	3.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	45470	3.688	ug/L	98
71) Naphthalene	13.500	128	74520	4.121	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	39879	3.907	ug/L	100

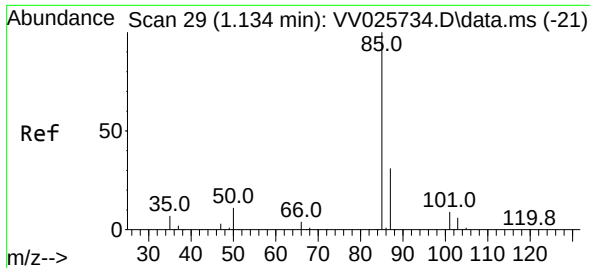
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 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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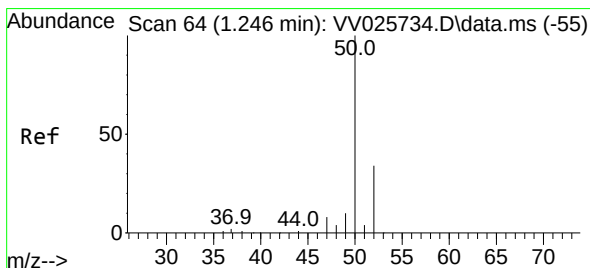
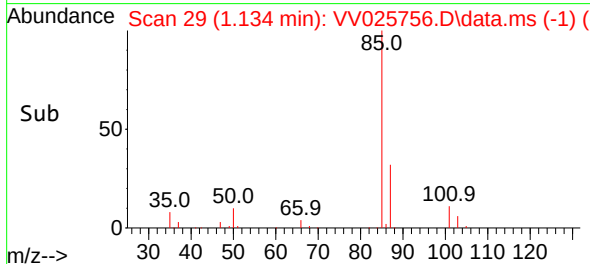
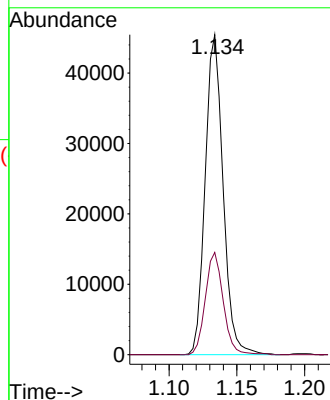
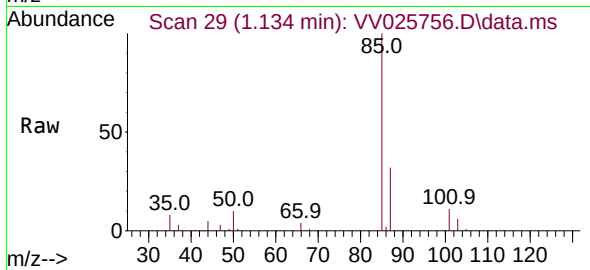




#2
 Dichlorodifluoromethane
 Concen: 3.366 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

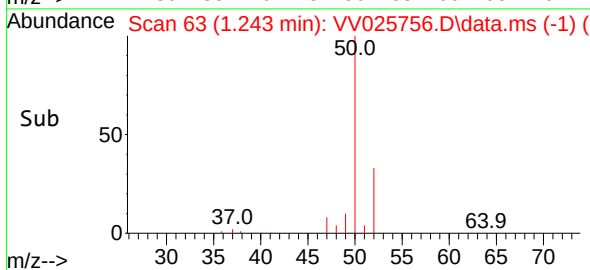
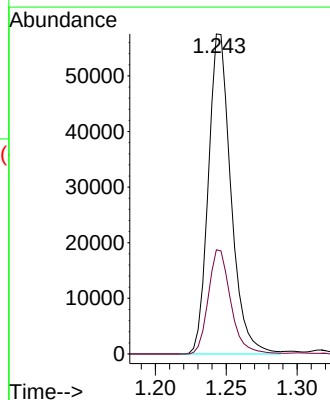
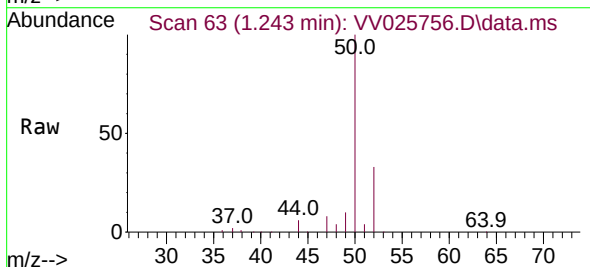
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

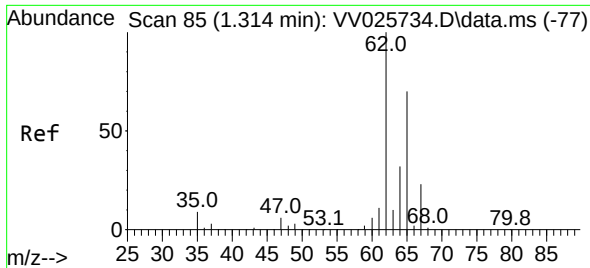
Tgt Ion: 85 Resp: 41706
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.740 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.003 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

Tgt Ion: 50 Resp: 63804
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

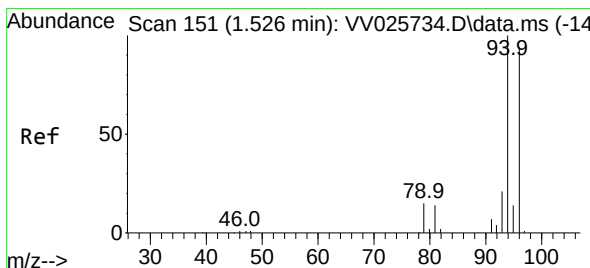
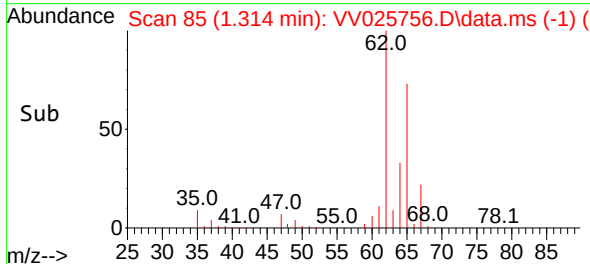
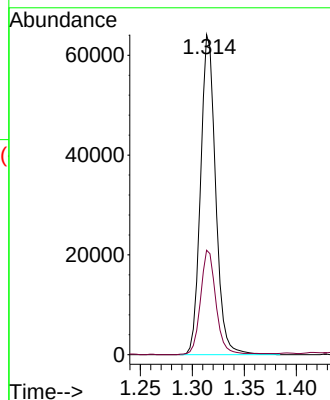
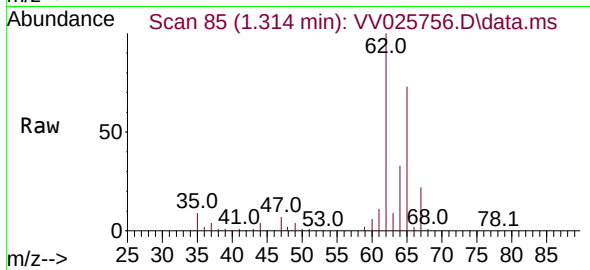




#5
 Vinyl chloride
 Concen: 4.270 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

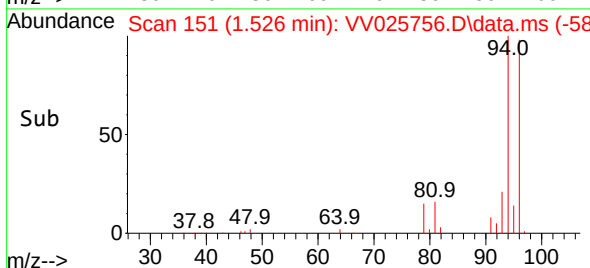
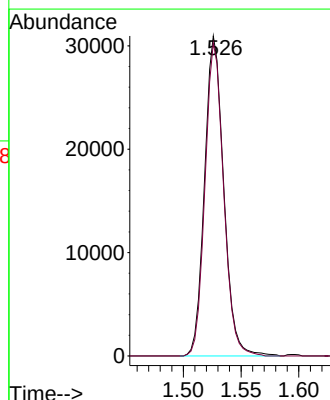
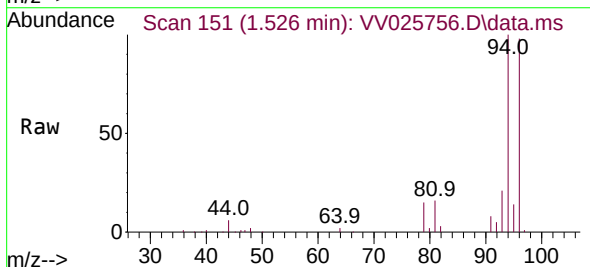
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 ClientSampleId :
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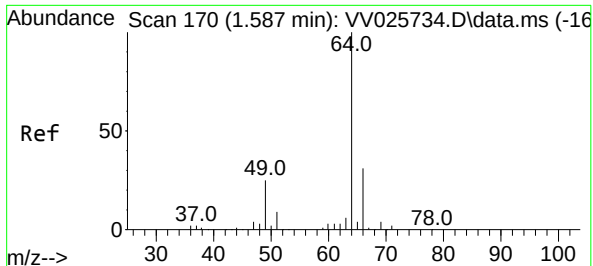
Tgt Ion: 62 Resp: 64954
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 3.261 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

Tgt Ion: 94 Resp: 35773
 Ion Ratio Lower Upper
 94 100
 96 97.8 66.1 122.7

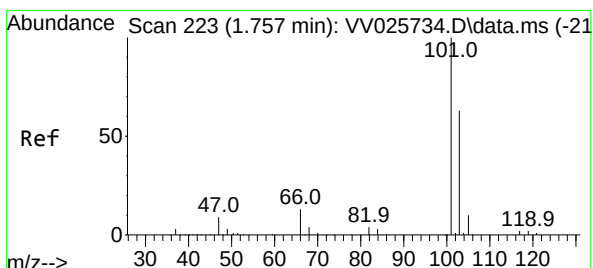
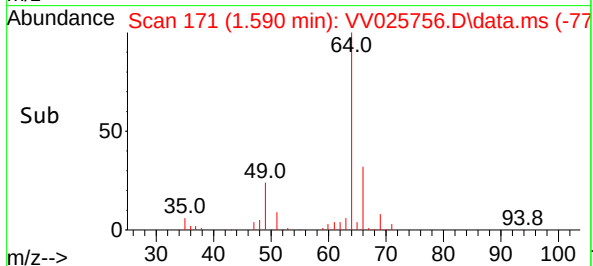
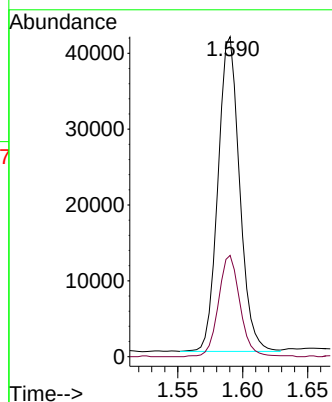
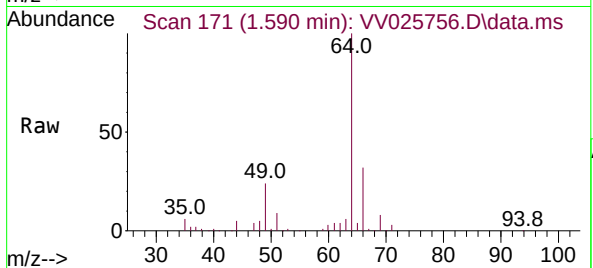




#8
Chloroethane
Concen: 4.079 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

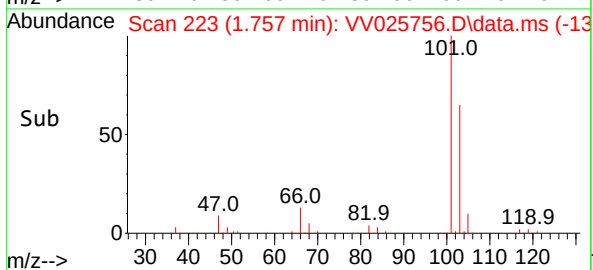
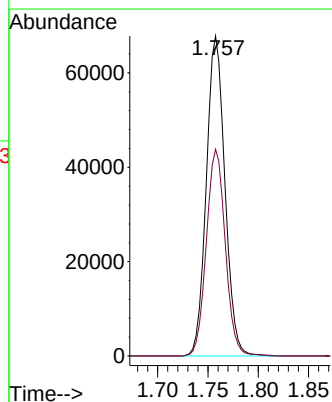
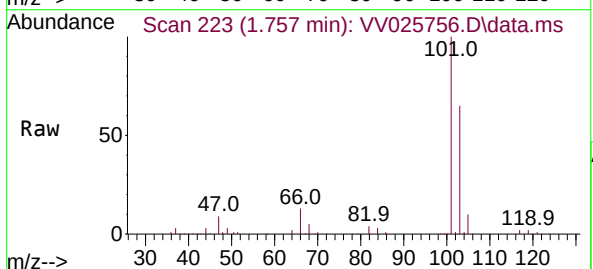
Instrument :
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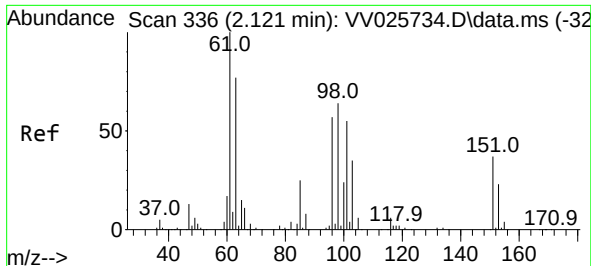
Tgt Ion: 64 Resp: 47892
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.081 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 101 Resp: 87200
Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9

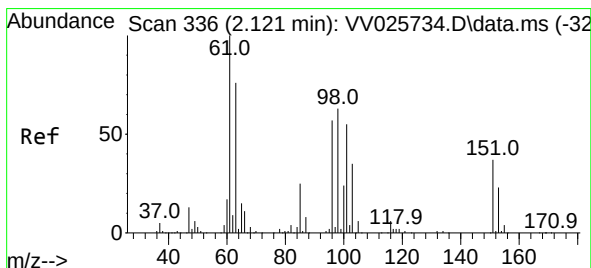
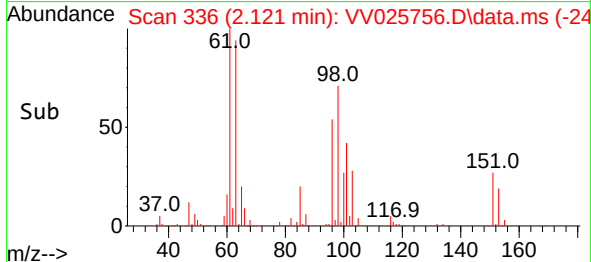
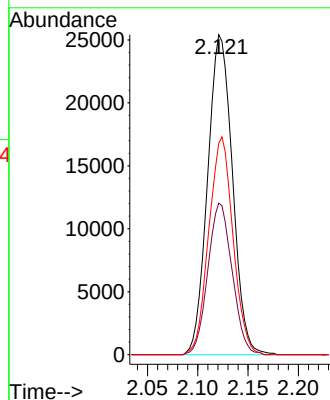
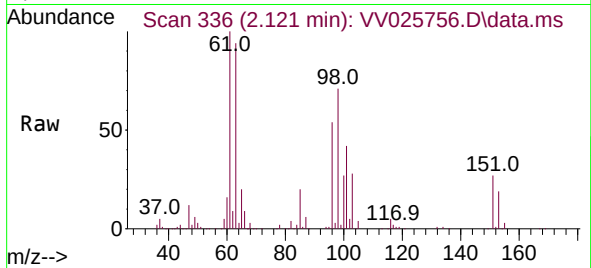




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.637 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

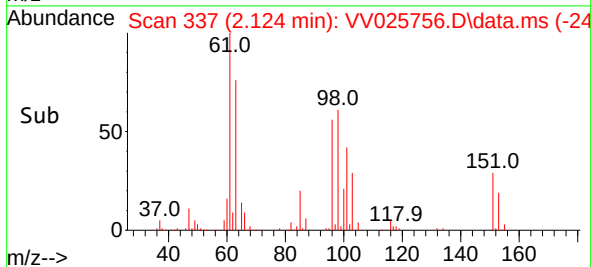
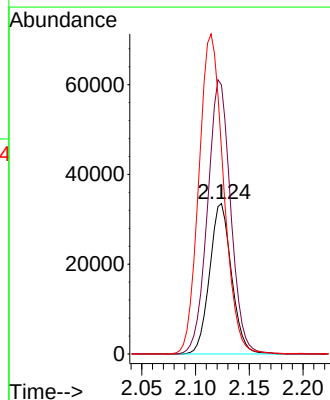
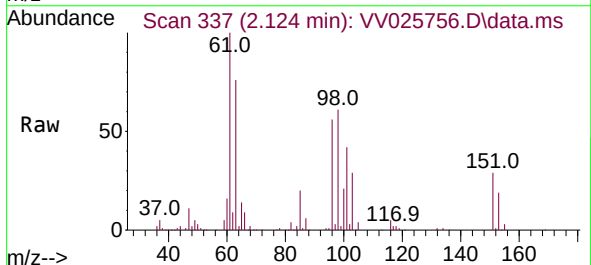
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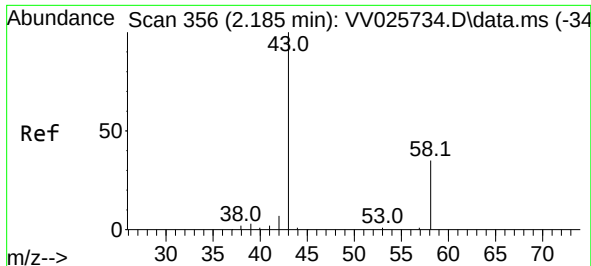
Tgt Ion: 101 Resp: 43654
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.9 53.9
 151 66.4 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 3.993 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

Tgt Ion: 96 Resp: 47501
 Ion Ratio Lower Upper
 96 100
 61 178.8 125.2 232.4
 63 136.1 114.4 212.4





#13

Acetone

Concen: 65.425 ug/L

RT: 2.195 min Scan# 356

Delta R.T. 0.010 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

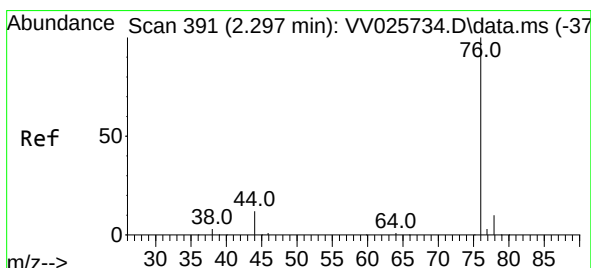
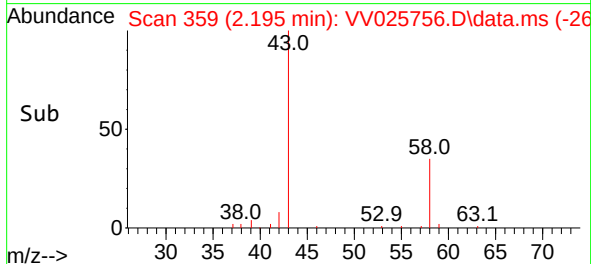
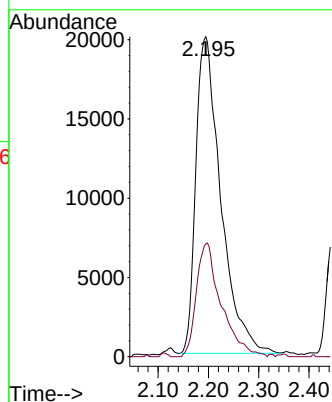
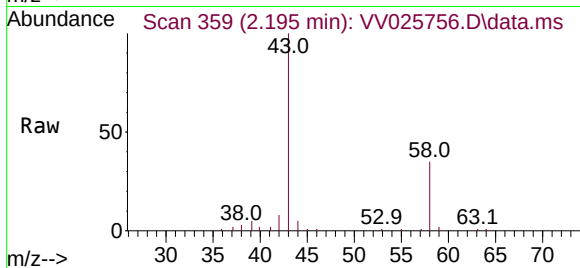
VSTD005397

Tgt Ion: 43 Resp: 68873

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.2



#14

Carbon disulfide

Concen: 3.249 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025756.D

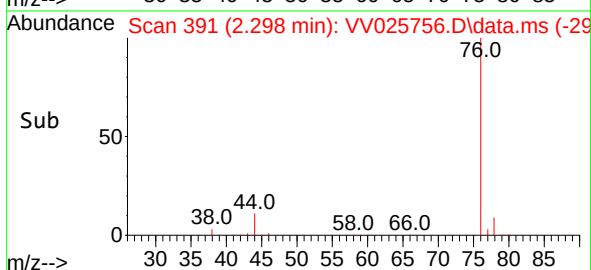
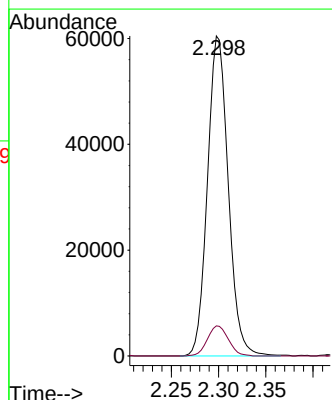
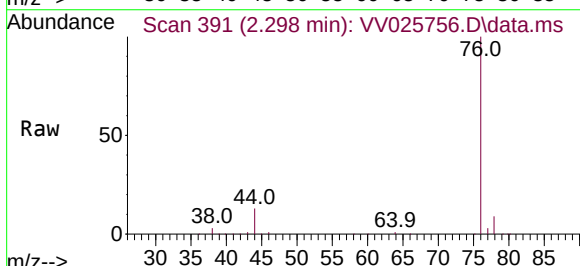
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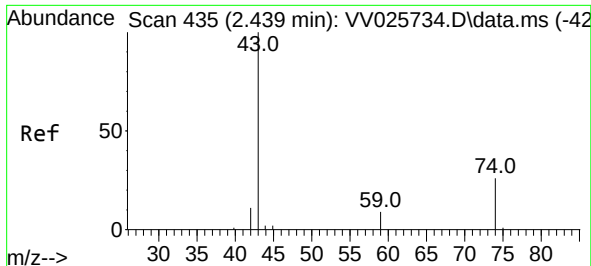
Tgt Ion: 76 Resp: 92504

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

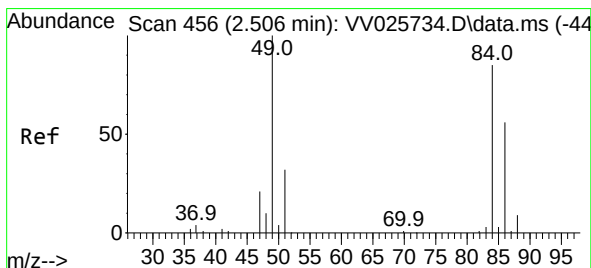
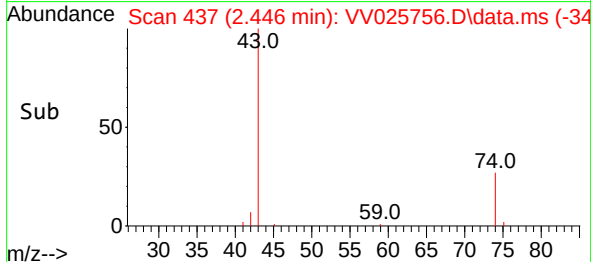
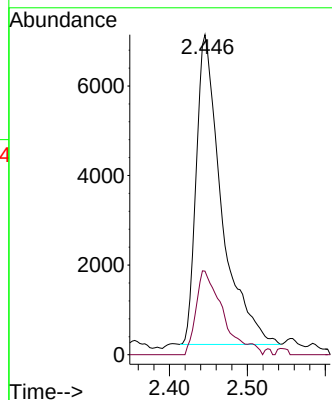
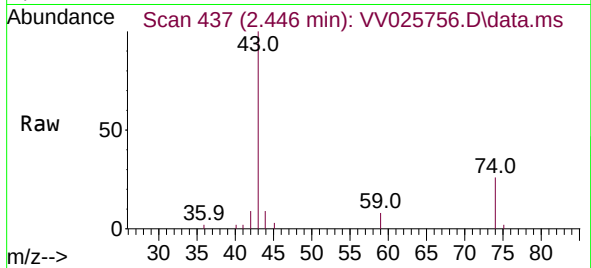




#15
Methyl Acetate
Concen: 6.657 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

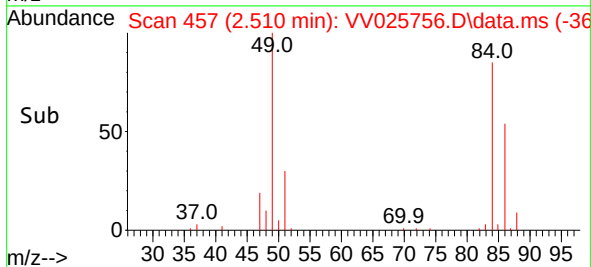
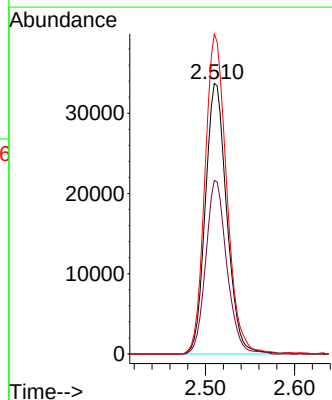
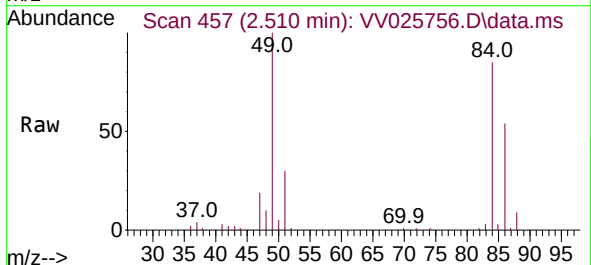
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

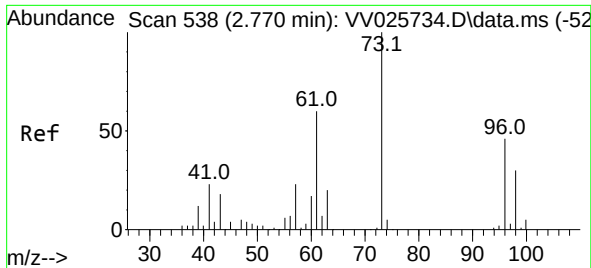
Tgt Ion: 43 Resp: 15574
Ion Ratio Lower Upper
43 100
74 27.7 25.2 37.8



#16
Methylene chloride
Concen: 4.864 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 84 Resp: 56099
Ion Ratio Lower Upper
84 100
86 64.1 45.9 85.3
49 118.3 76.6 142.3

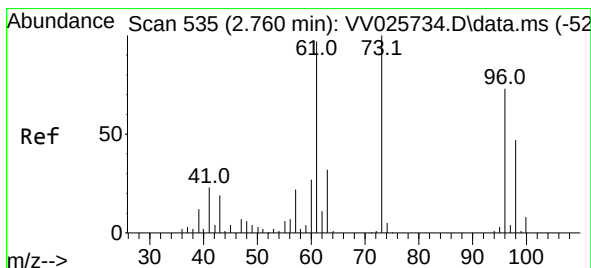
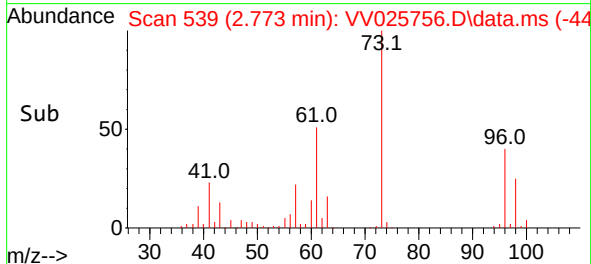
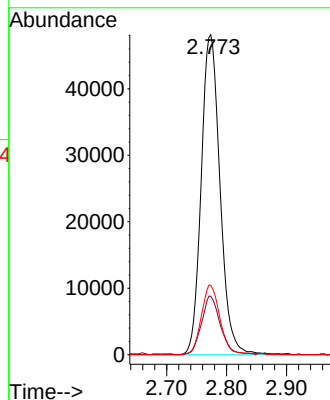
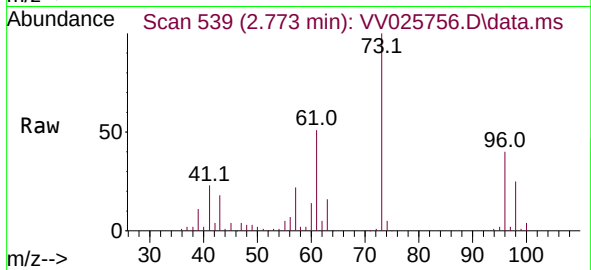




#17
Methyl tert-butyl Ether
Concen: 5.712 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

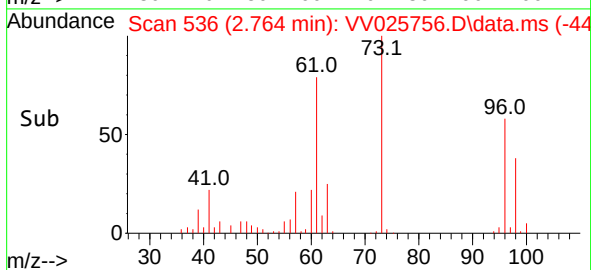
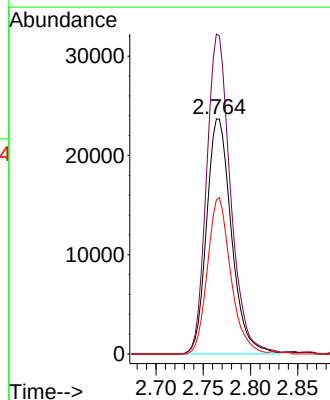
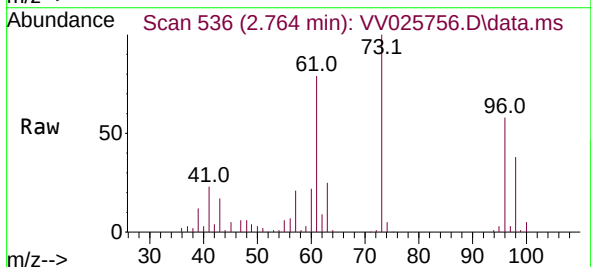
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

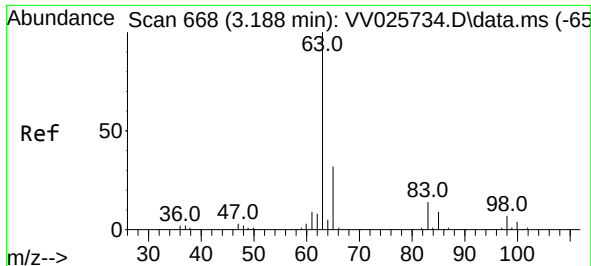
Tgt Ion: 73 Resp: 105134
Ion Ratio Lower Upper
73 100
43 18.7 14.2 21.4
57 21.5 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.335 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 96 Resp: 43212
Ion Ratio Lower Upper
96 100
61 136.1 92.1 171.1
98 65.6 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.713 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD005397

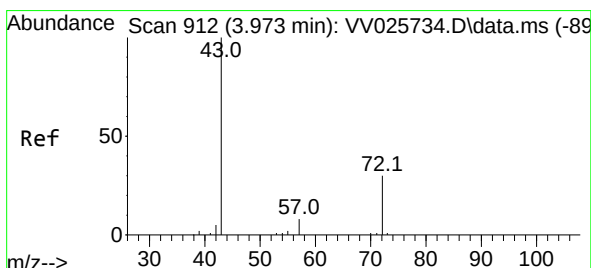
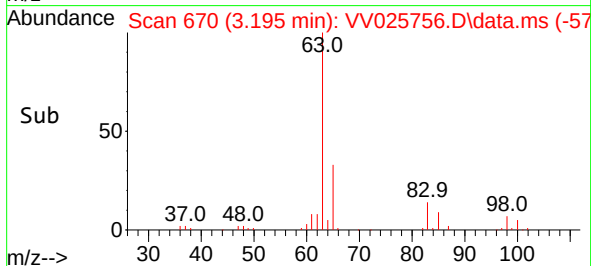
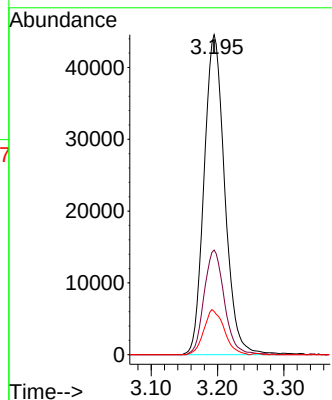
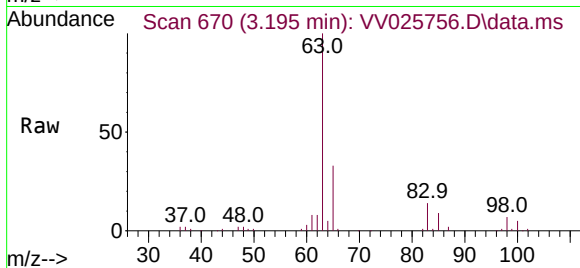
Tgt Ion: 63 Resp: 96448

Ion Ratio Lower Upper

63 100

65 32.7 23.2 43.0

83 13.5 9.0 16.8



#21

2-Butanone

Concen: 69.029 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.010 min

Lab File: VV025756.D

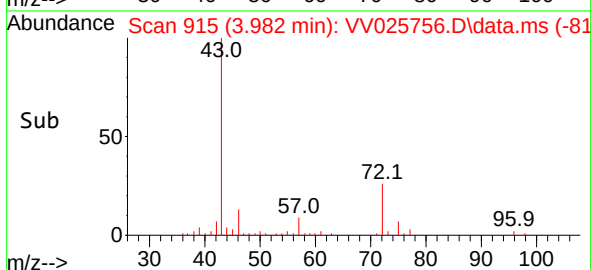
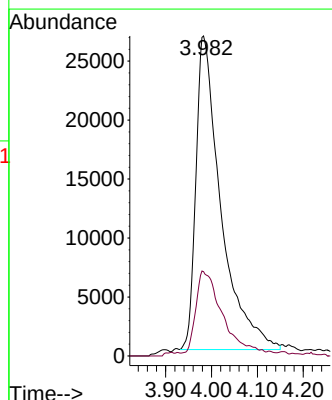
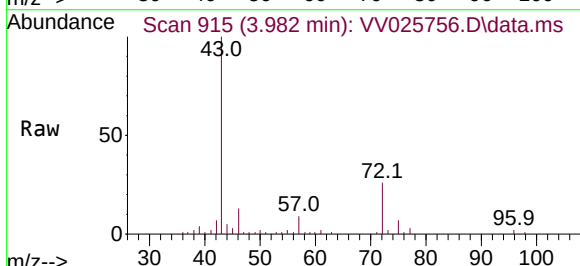
Acq: 29 Apr 2022 19:17

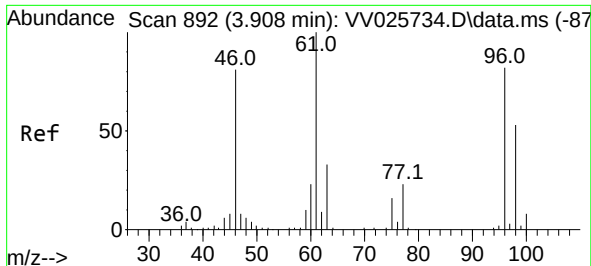
Tgt Ion: 43 Resp: 100410

Ion Ratio Lower Upper

43 100

72 27.6 15.2 45.6

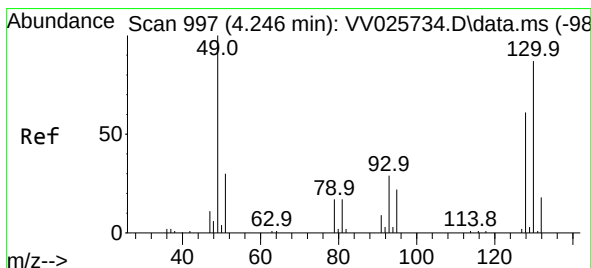
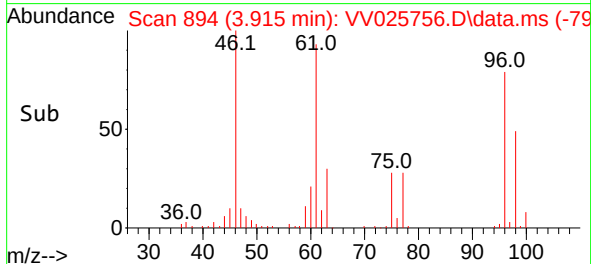
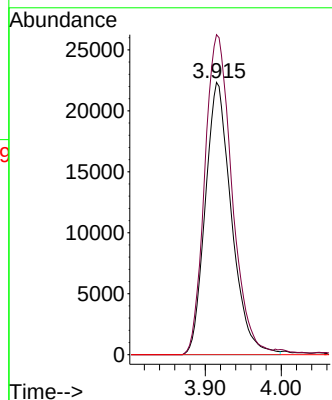
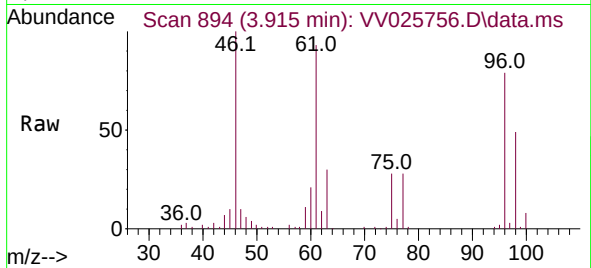




#22
 cis-1,2-Dichloroethene
 Concen: 5.088 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.007 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

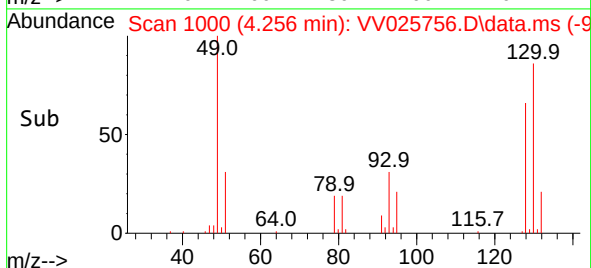
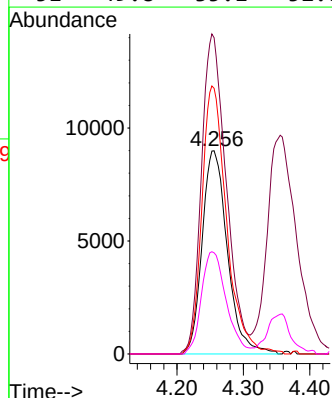
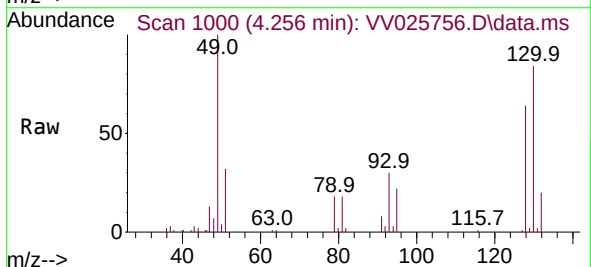
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

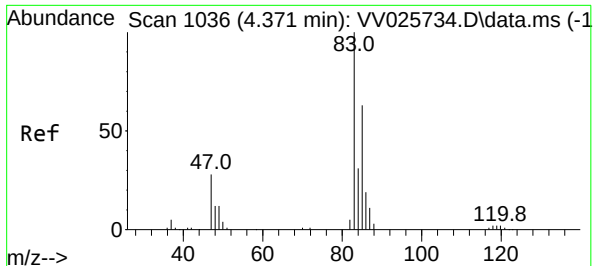
Tgt Ion: 96 Resp: 53388
 Ion Ratio Lower Upper
 96 100
 61 117.5 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.452 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.010 min
 Lab File: VV025756.D
 Acq: 29 Apr 2022 19:17

Tgt Ion: 128 Resp: 23754
 Ion Ratio Lower Upper
 128 100
 49 155.6 100.5 186.7
 130 130.7 87.8 163.0
 51 49.8 35.1 52.7





#25

Chloroform

Concen: 5.815 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

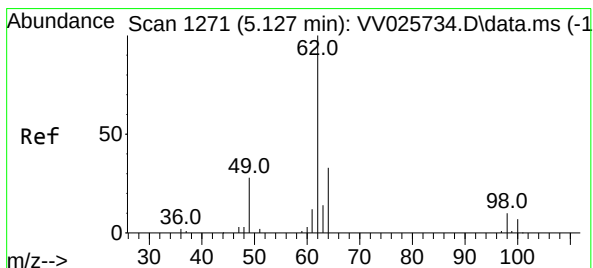
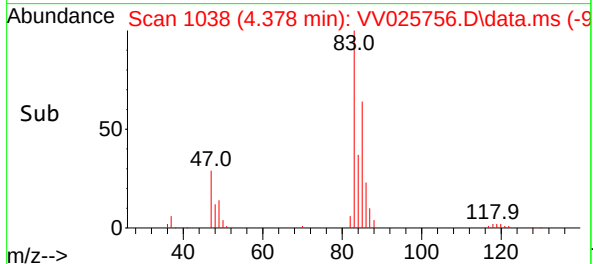
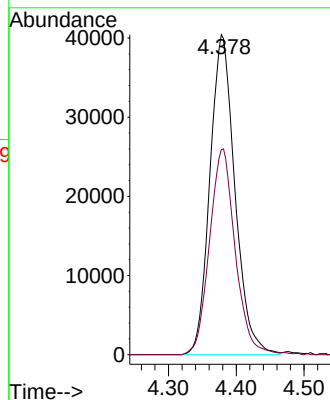
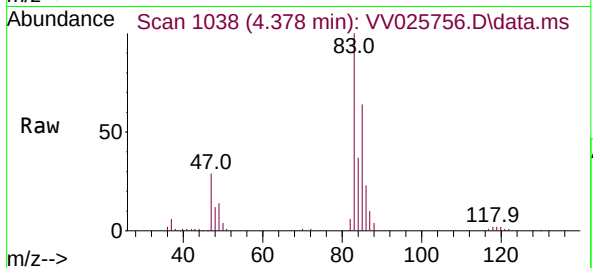
VSTD005397

Tgt Ion: 83 Resp: 103626

Ion Ratio Lower Upper

83 100

85 64.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.970 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VV025756.D

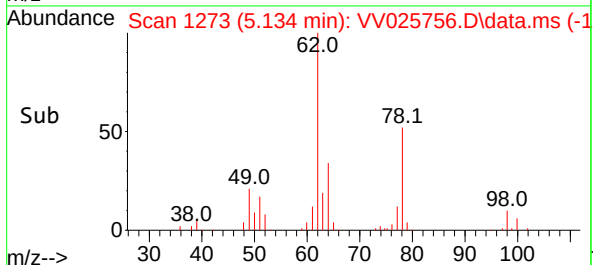
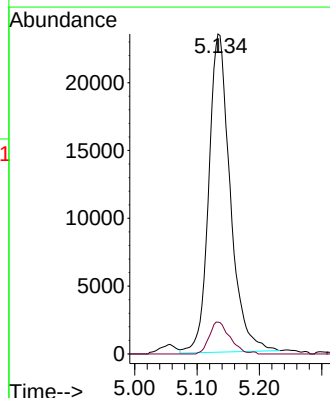
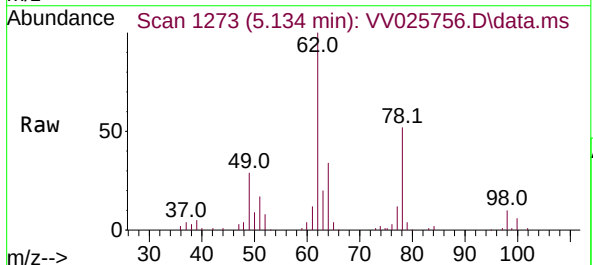
Acq: 29 Apr 2022 19:17

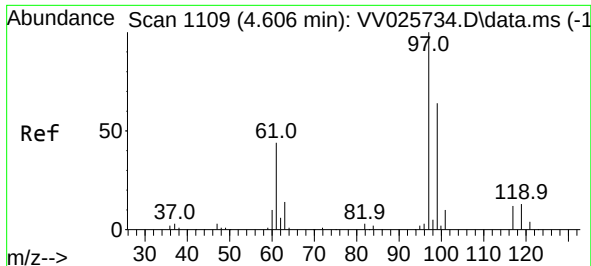
Tgt Ion: 62 Resp: 56136

Ion Ratio Lower Upper

62 100

98 9.9 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.855 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD005397

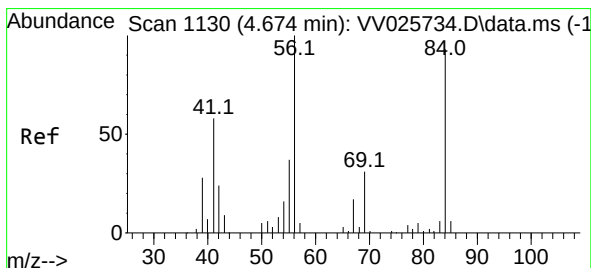
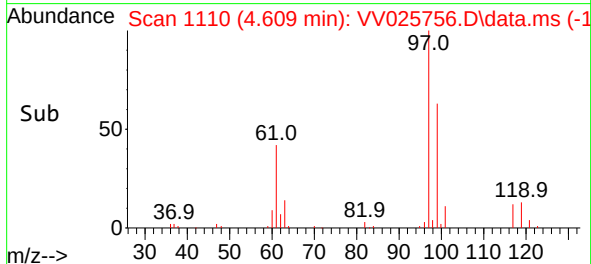
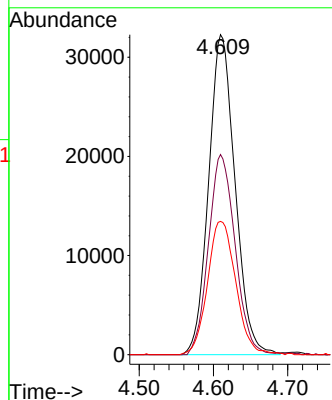
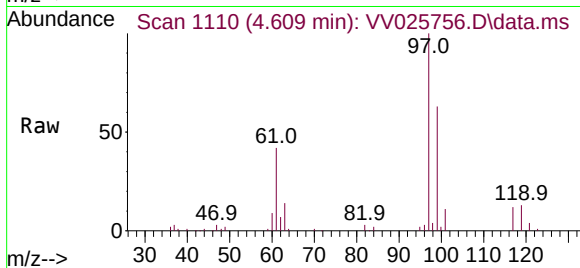
Tgt Ion: 97 Resp: 79806

Ion Ratio Lower Upper

97 100

99 63.1 51.5 77.3

61 44.6 34.3 51.5



#30

Cyclohexane

Concen: 3.197 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

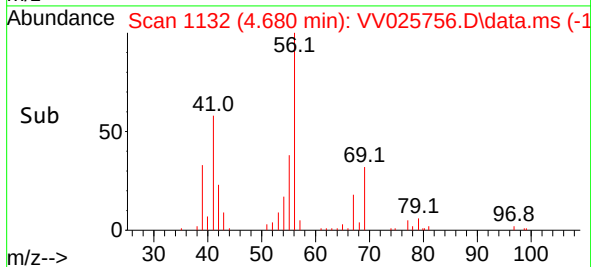
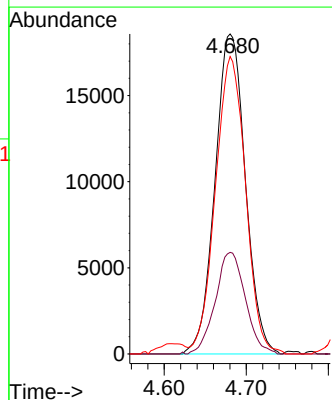
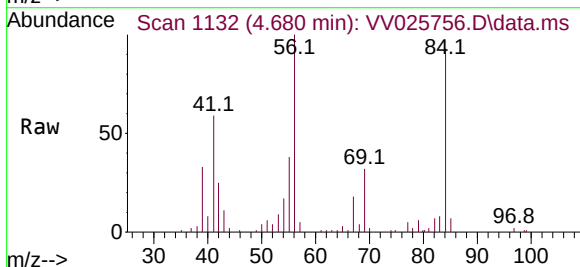
Tgt Ion: 56 Resp: 47777

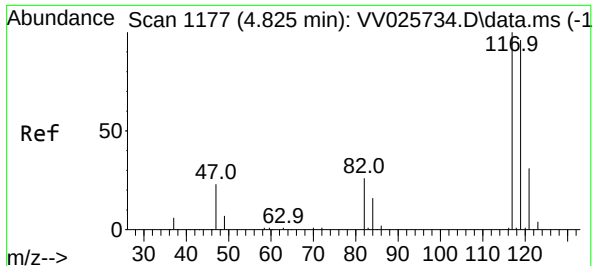
Ion Ratio Lower Upper

56 100

69 31.4 26.1 39.1

84 92.3 78.6 118.0

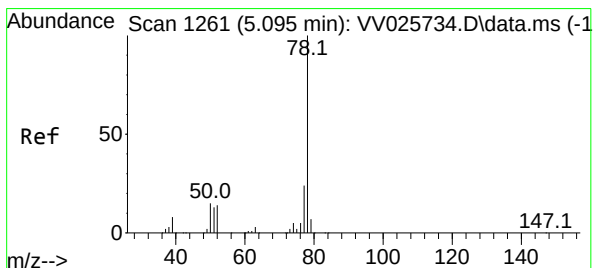
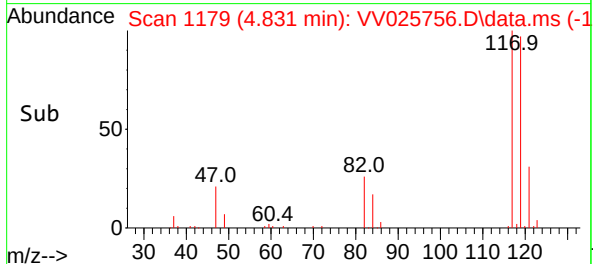
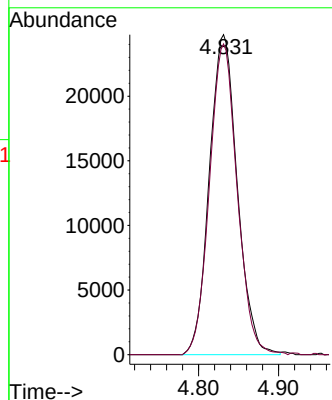
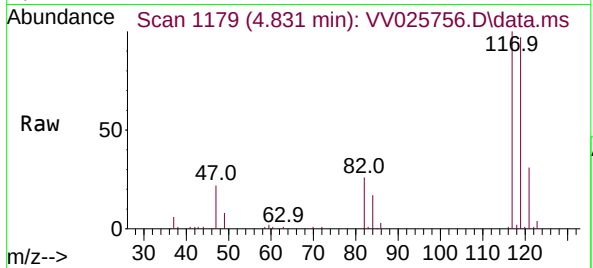




#31
Carbon tetrachloride
Concen: 4.321 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

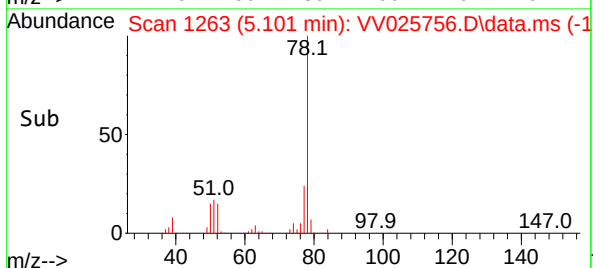
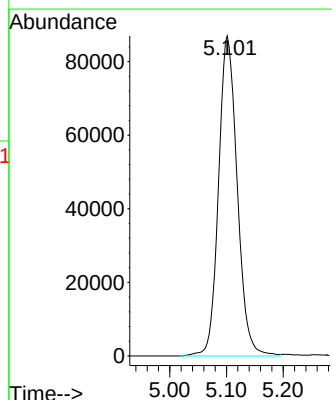
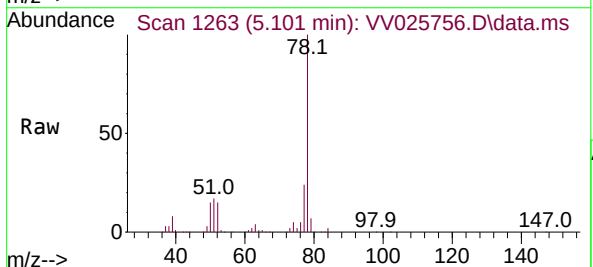
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

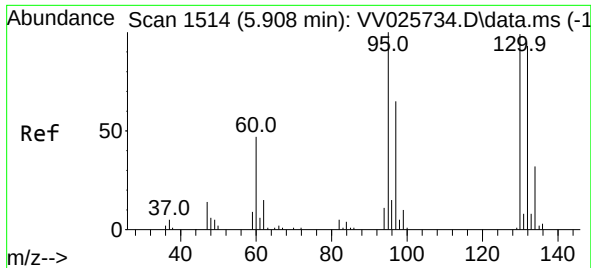
Tgt Ion:117 Resp: 60063
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 4.837 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 78 Resp: 199108

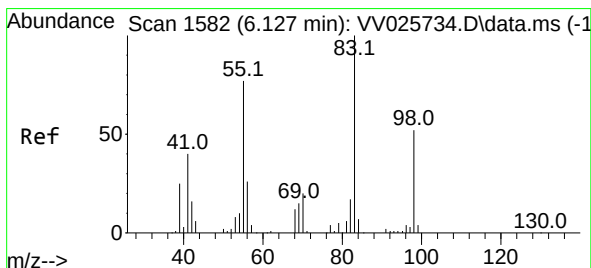
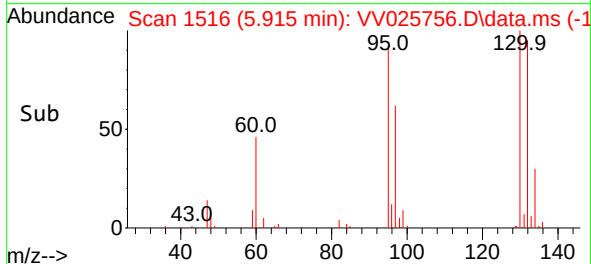
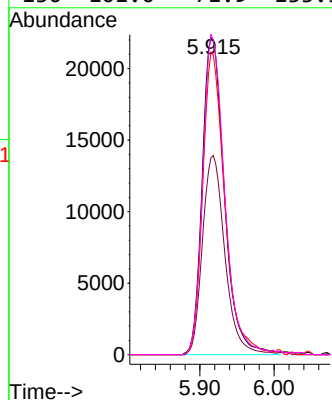
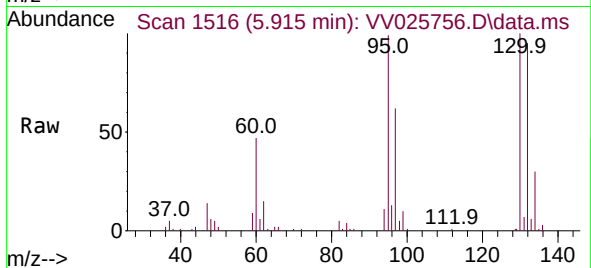




#34
Trichloroethene
Concen: 4.210 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

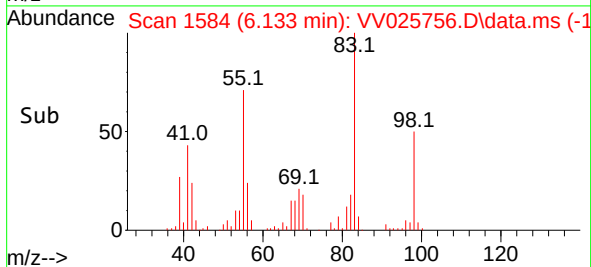
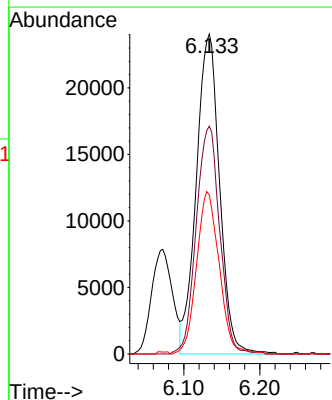
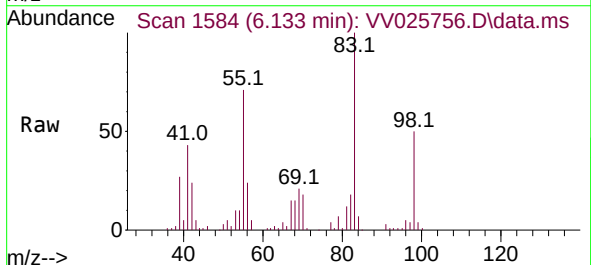
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

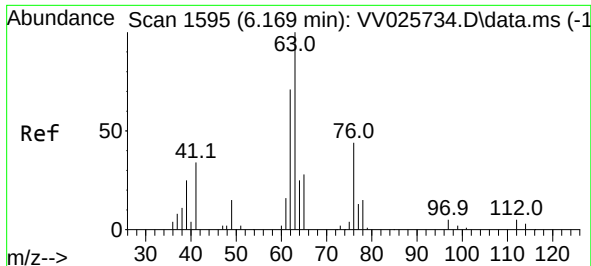
Tgt Ion: 95 Resp: 46016
Ion Ratio Lower Upper
95 100
97 62.1 45.8 85.2
132 95.5 68.0 126.4
130 101.0 71.9 133.5



#35
Methylcyclohexane
Concen: 2.937 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 83 Resp: 51224
Ion Ratio Lower Upper
83 100
55 71.5 53.7 80.5
98 49.4 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.477 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

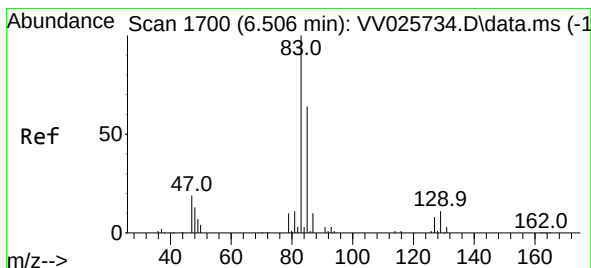
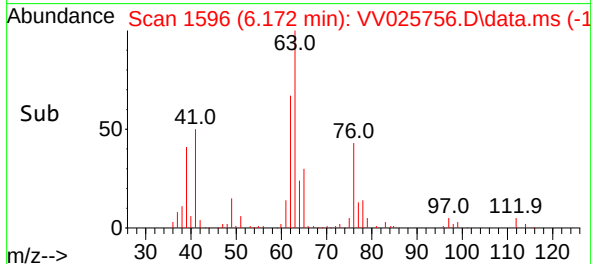
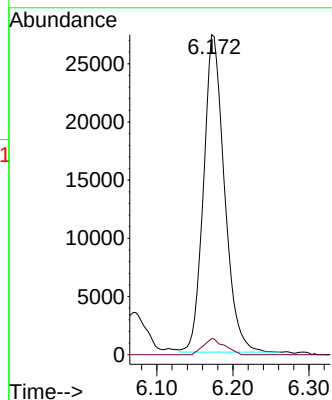
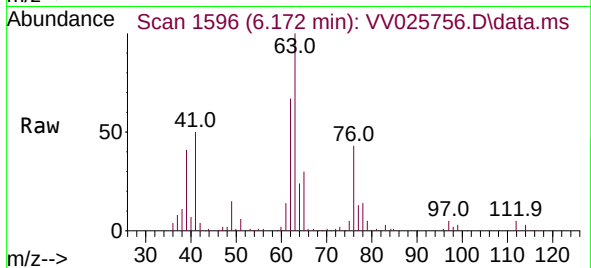
VSTD005397

Tgt Ion: 63 Resp: 52161

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 5.775 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

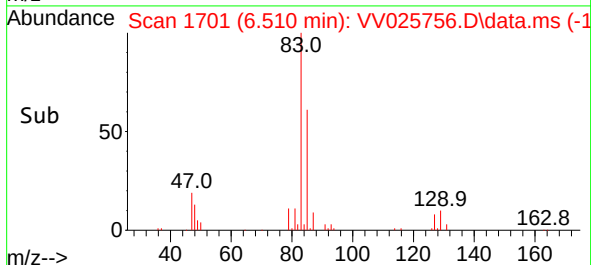
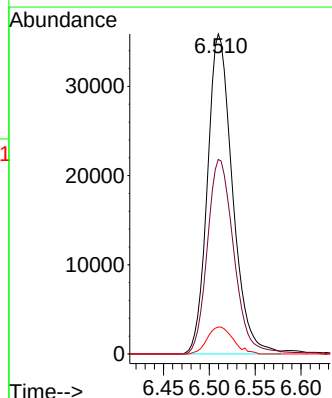
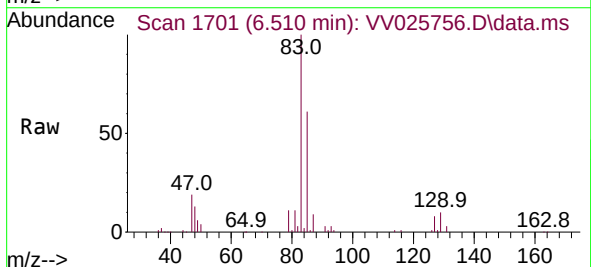
Tgt Ion: 83 Resp: 68279

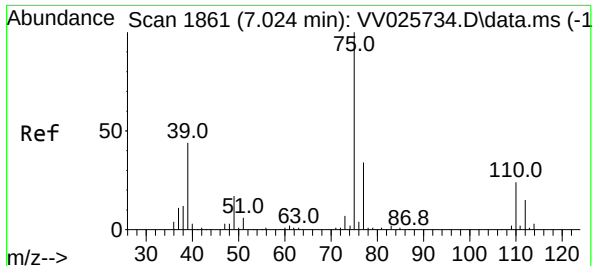
Ion Ratio Lower Upper

83 100

85 60.8 44.4 82.4

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.702 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.007 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

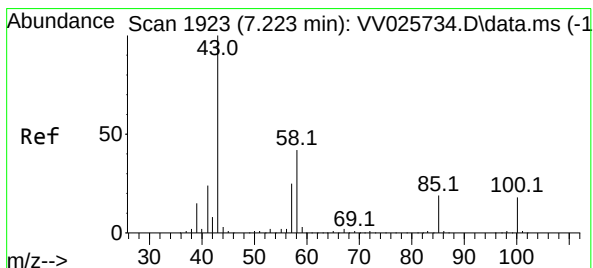
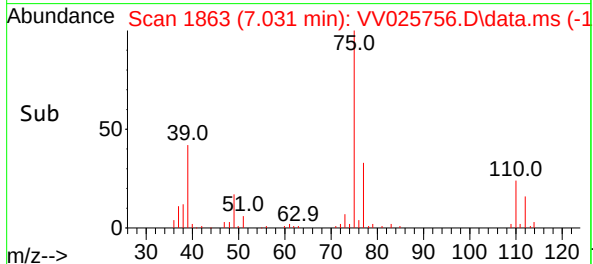
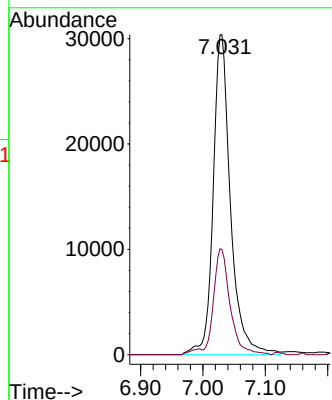
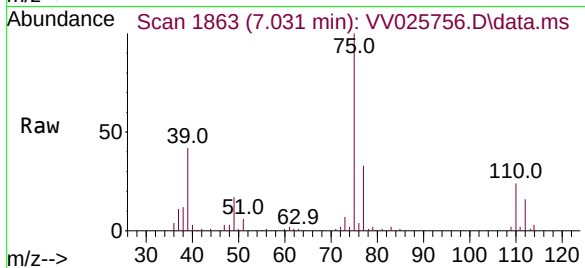
VSTD005397

Tgt Ion: 75 Resp: 58685

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 69.085 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

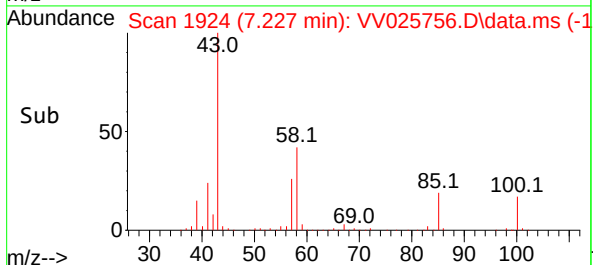
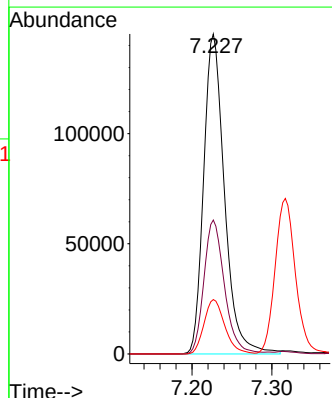
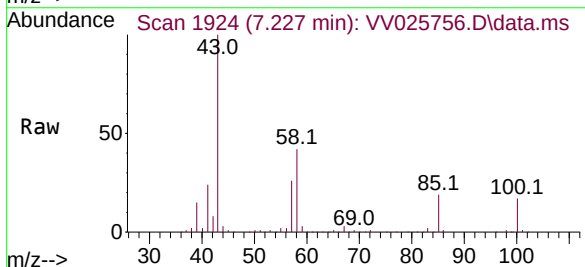
Tgt Ion: 43 Resp: 263443

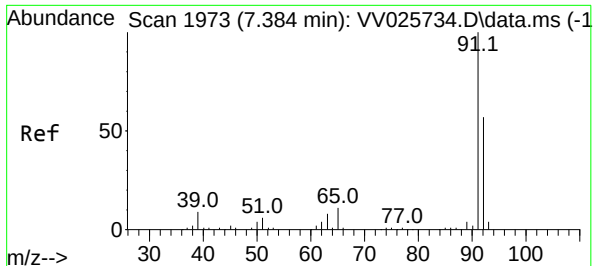
Ion Ratio Lower Upper

43 100

58 41.3 35.1 52.7

100 16.9 15.3 22.9





#42

Toluene

Concen: 4.422 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

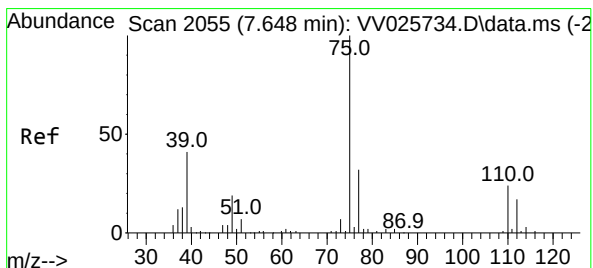
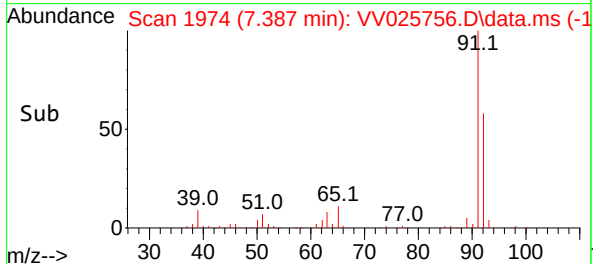
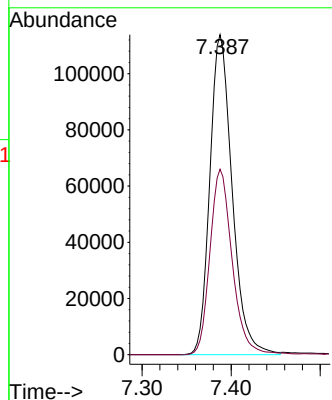
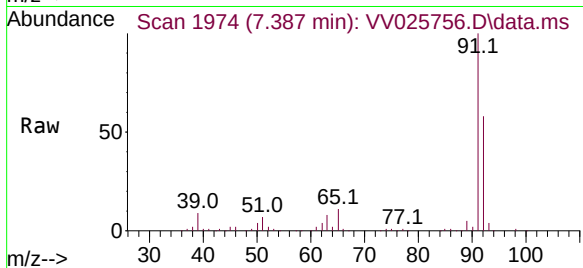
VSTD005397

Tgt Ion: 91 Resp: 198032

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.946 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025756.D

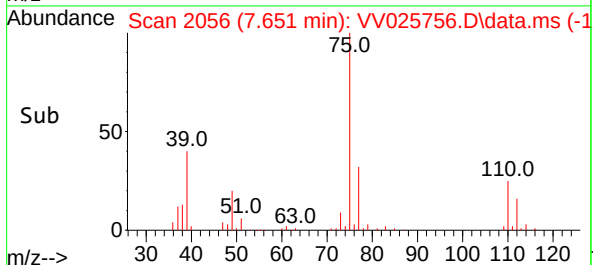
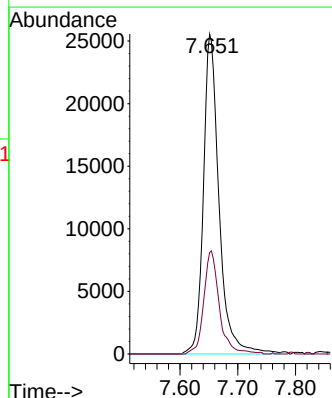
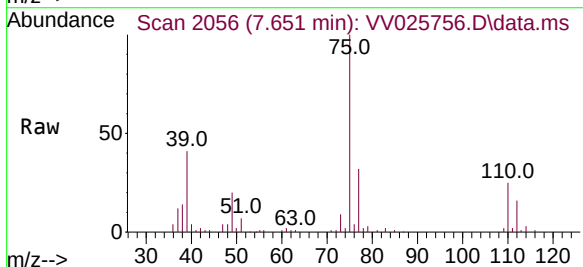
Acq: 29 Apr 2022 19:17

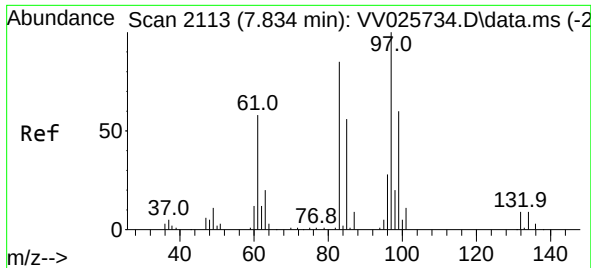
Tgt Ion: 75 Resp: 47956

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3

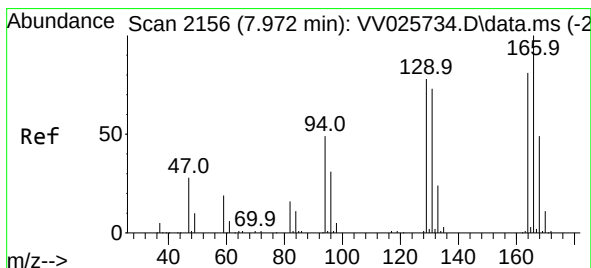
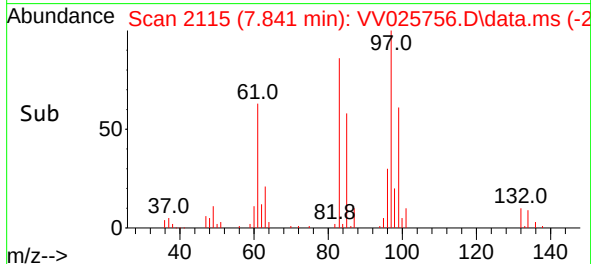
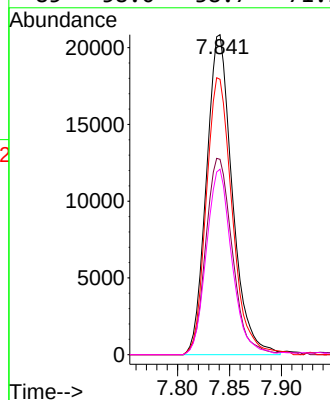
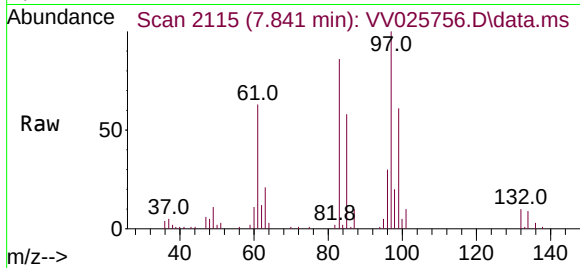




#45
1,1,2-Trichloroethane
Concen: 5.672 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

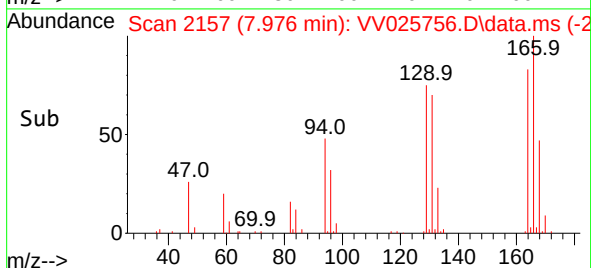
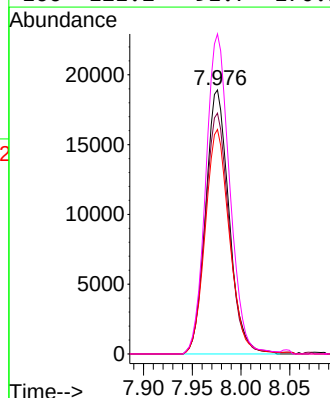
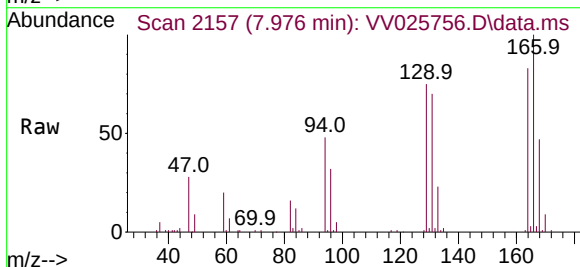
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

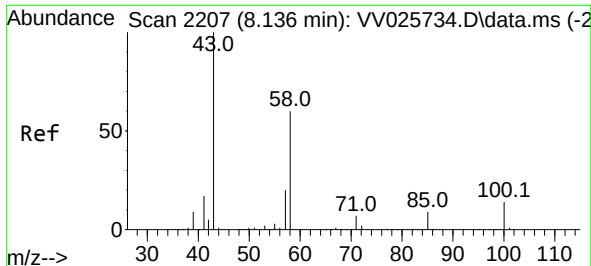
Tgt Ion: 97	Resp: 36175
Ion Ratio	Lower Upper
97 100	
99 61.1	43.8 81.4
83 86.1	60.3 112.1
85 58.0	38.7 71.9



#47
Tetrachloroethene
Concen: 3.697 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt	Ion:164	Resp:	31634
Ion	Ratio	Lower	Upper
164	100		
129	91.2	66.8	124.2
131	85.0	66.4	123.4
166	121.2	91.7	170.3



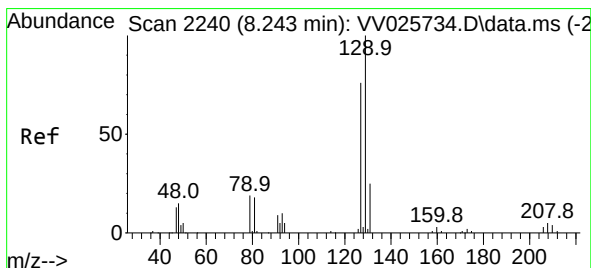
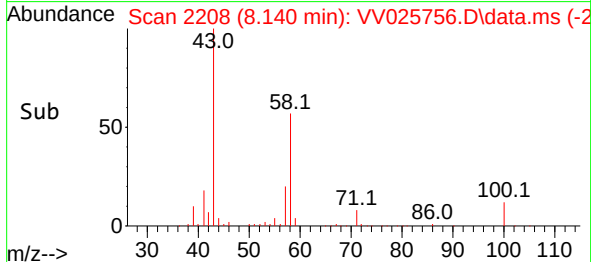
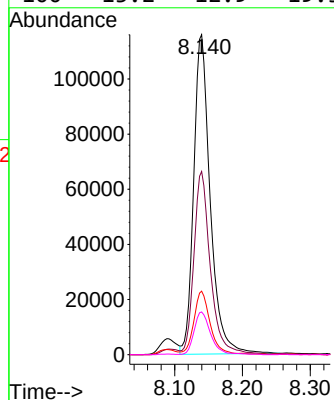
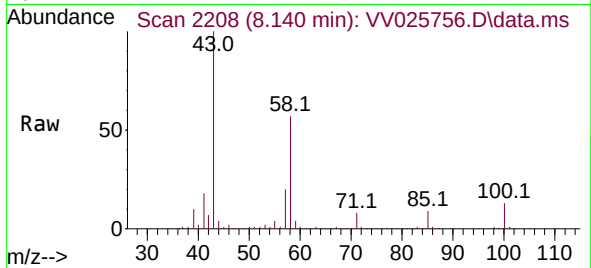


#48
2-Hexanone
Concen: 73.822 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Tgt Ion: 43 Resp: 196181

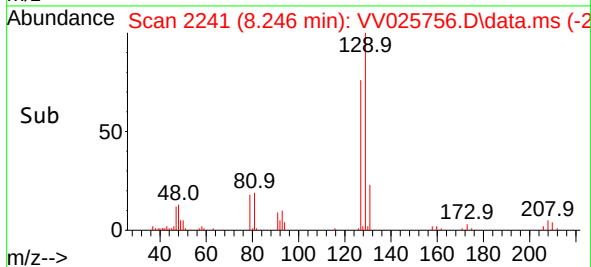
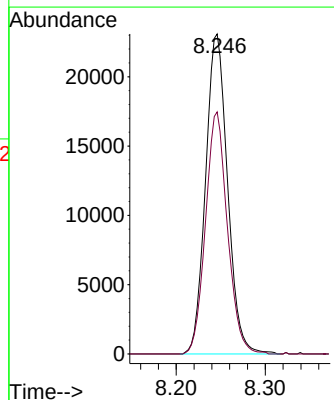
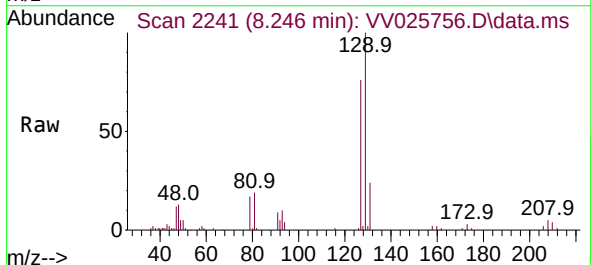
Ion	Ratio	Lower	Upper
43	100		
58	56.7	49.7	74.5
57	18.8	16.4	24.6
100	13.2	12.9	19.3

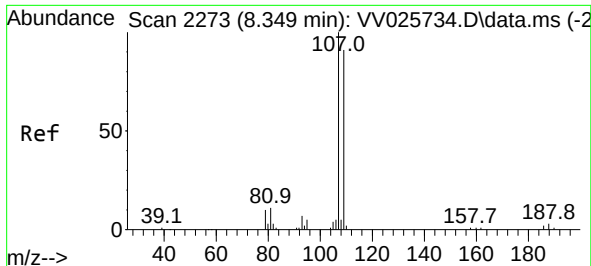


#49
Dibromochloromethane
Concen: 5.652 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 129 Resp: 39569

Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.114 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD005397

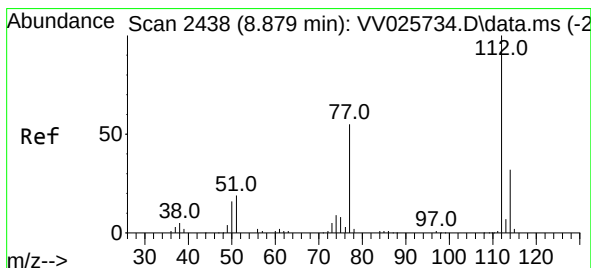
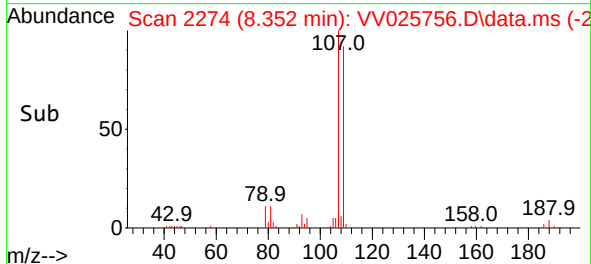
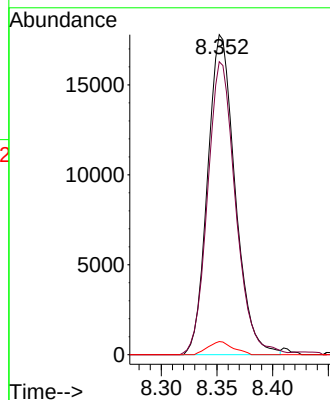
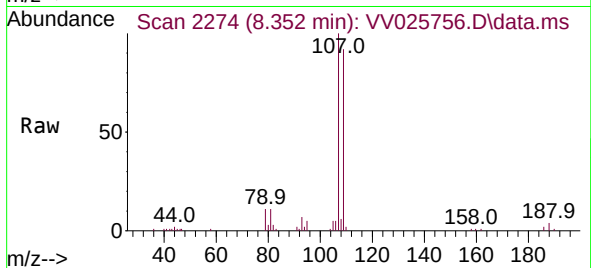
Tgt Ion:107 Resp: 30638

Ion Ratio Lower Upper

107 100

109 91.6 65.9 122.3

188 4.1 2.7 4.1#



#51

Chlorobenzene

Concen: 4.328 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

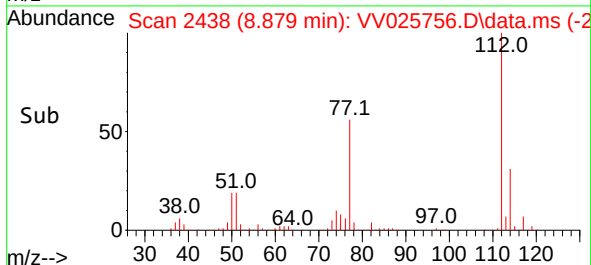
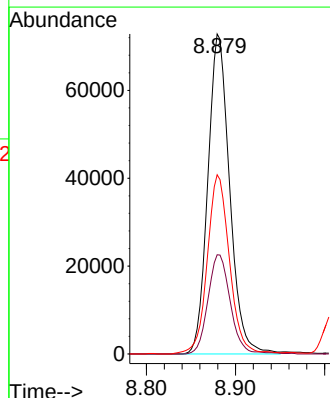
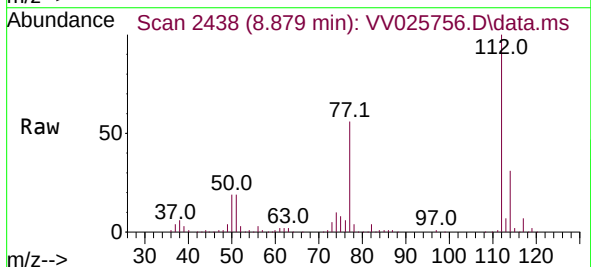
Tgt Ion:112 Resp: 123752

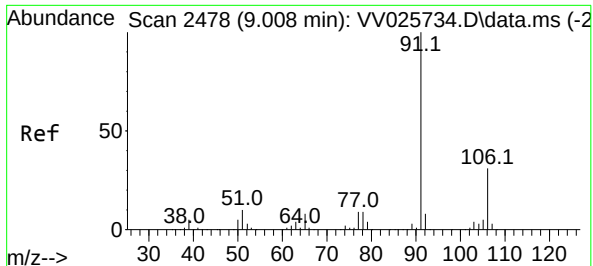
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 56.0 43.7 65.5

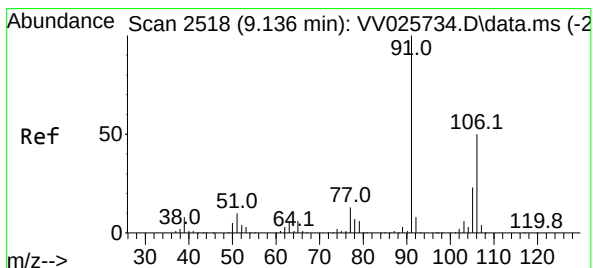
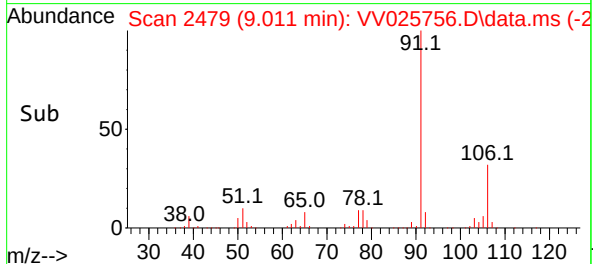
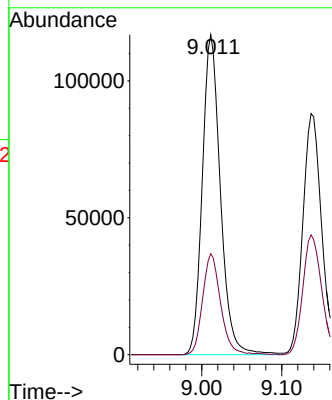
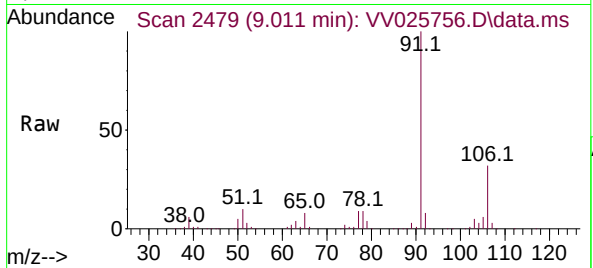




#52
Ethylbenzene
Concen: 3.857 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

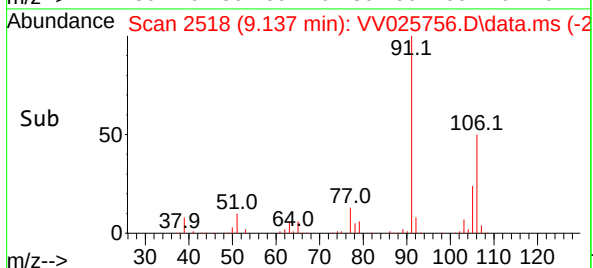
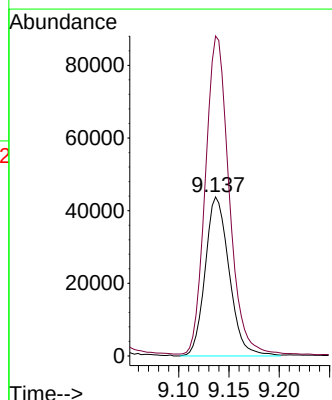
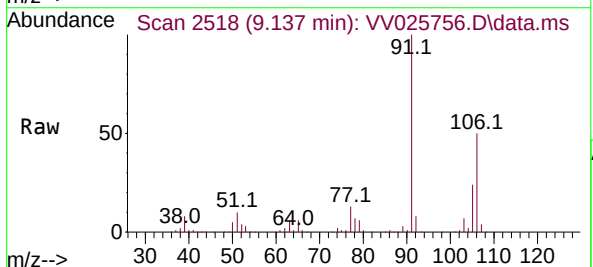
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

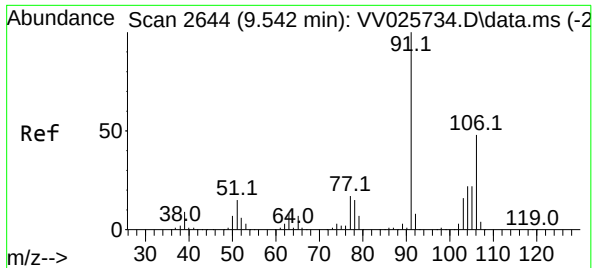
Tgt Ion: 91 Resp: 184199
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 4.001 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 106 Resp: 72653
Ion Ratio Lower Upper
106 100
91 201.3 136.4 253.4

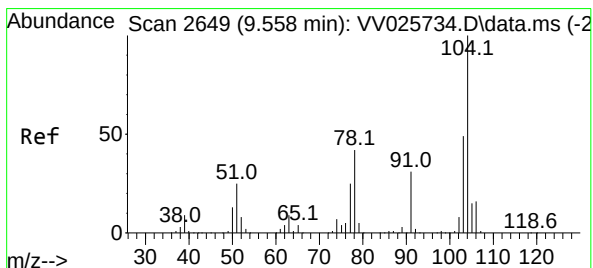
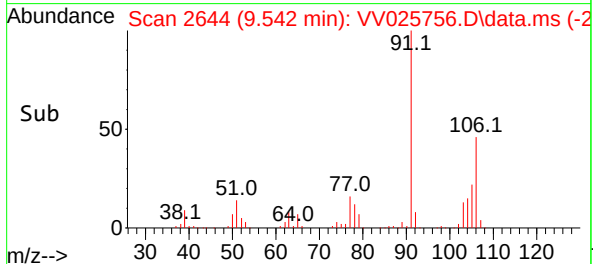
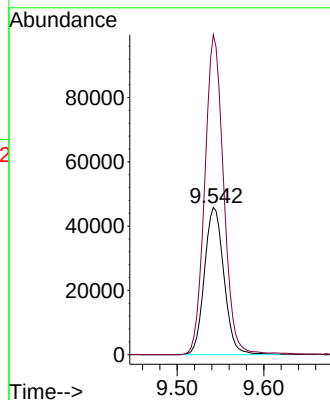
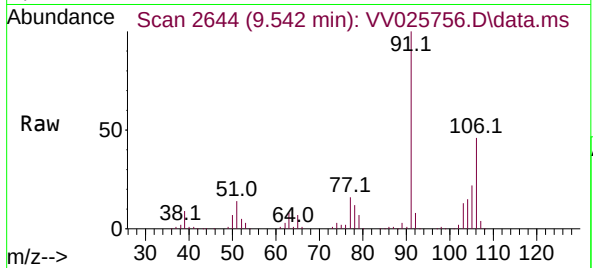




#54
o-Xylene
Concen: 4.072 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

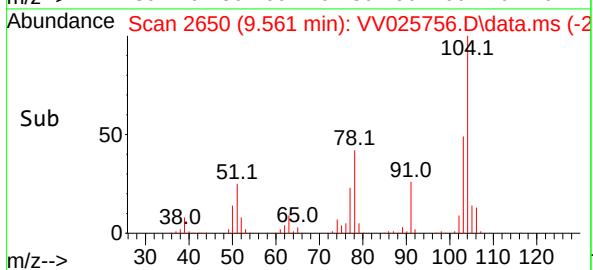
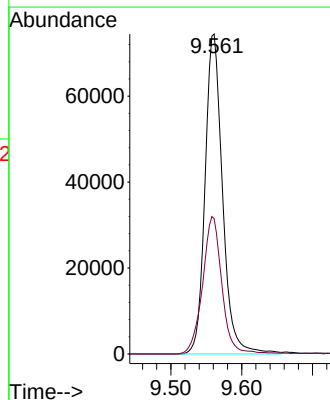
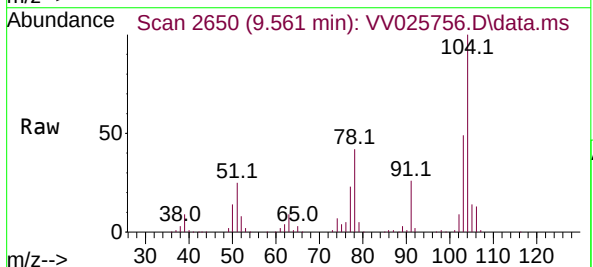
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

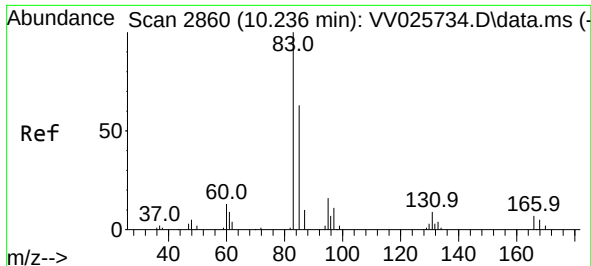
Tgt Ion:106 Resp: 71814
Ion Ratio Lower Upper
106 100
91 217.4 150.4 279.2



#55
Styrene
Concen: 4.451 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion:104 Resp: 127646
Ion Ratio Lower Upper
104 100
78 42.3 28.3 52.7





#57

1,1,2-Tetrachloroethane

Concen: 6.256 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD005397

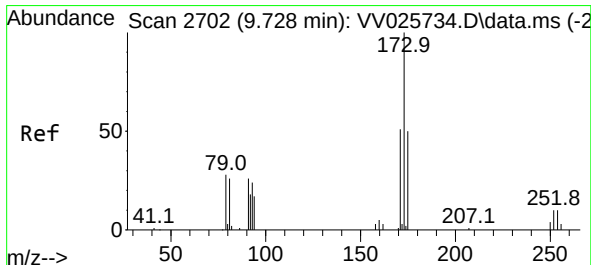
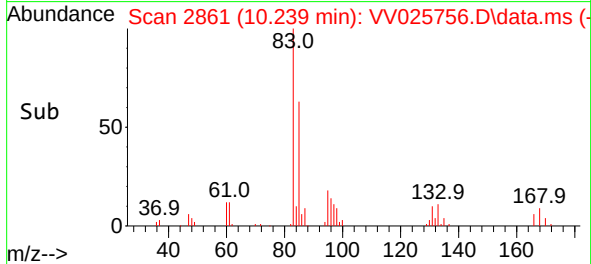
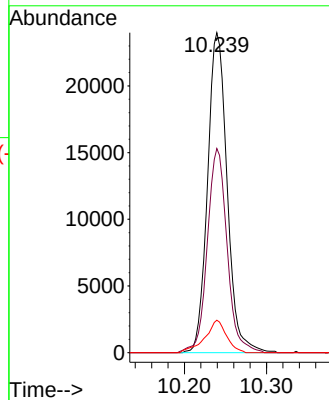
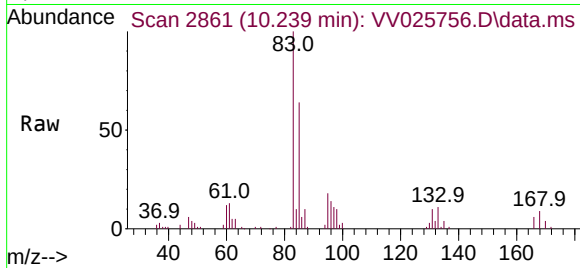
Tgt Ion: 83 Resp: 39866

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9

131 10.2 7.9 11.9



#59

Bromoform

Concen: 5.689 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

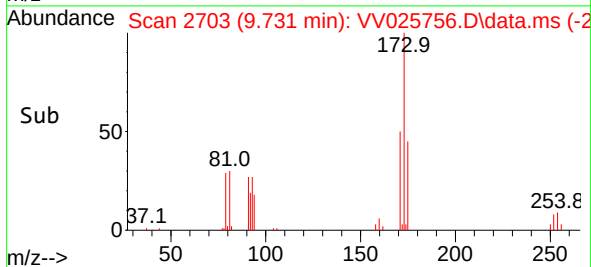
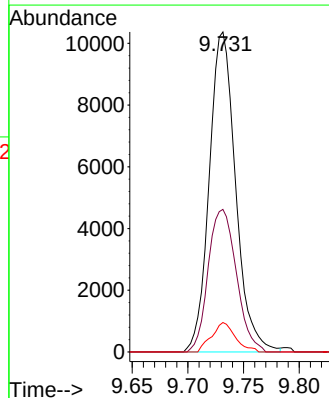
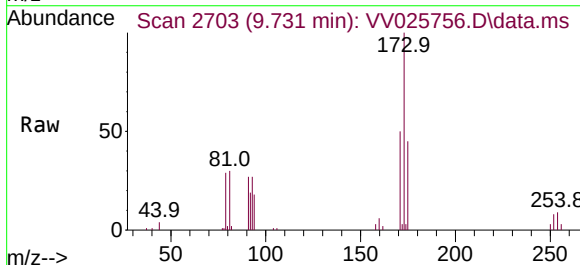
Tgt Ion: 173 Resp: 17084

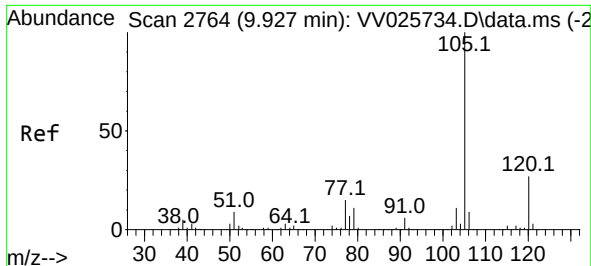
Ion Ratio Lower Upper

173 100

175 47.5 40.8 61.2

254 8.3 7.0 10.6

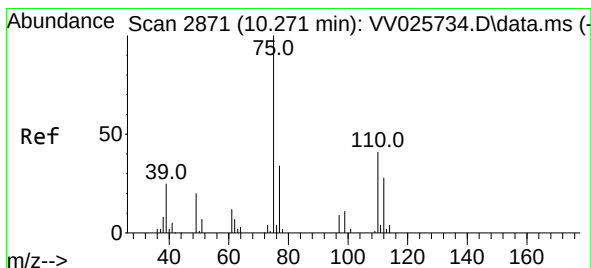
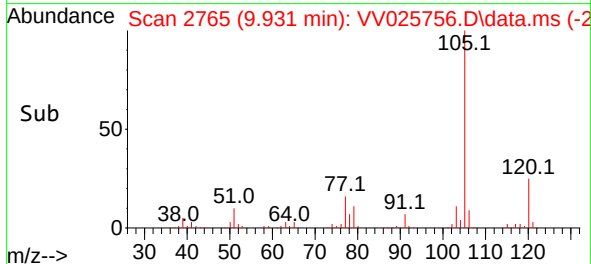
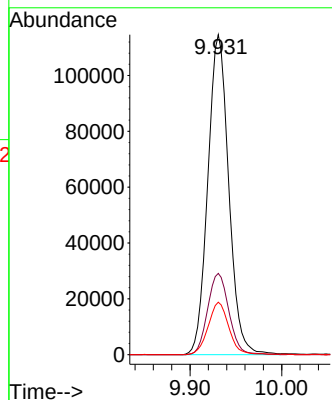
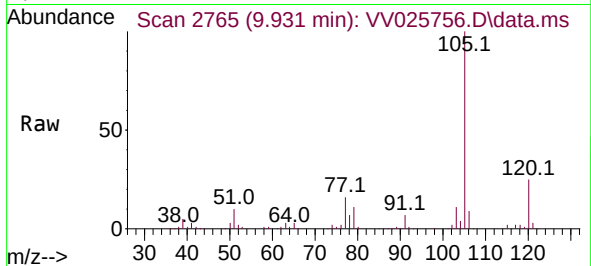




#60
Isopropylbenzene
Concen: 4.036 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

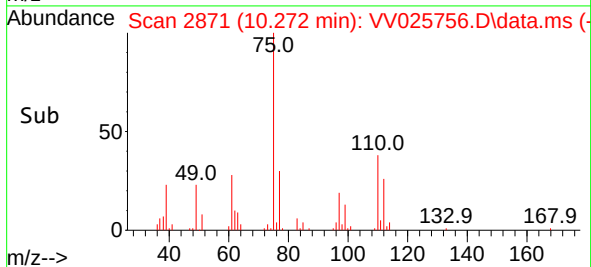
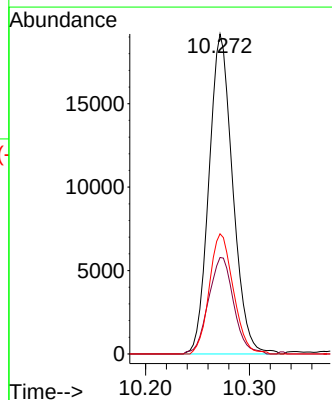
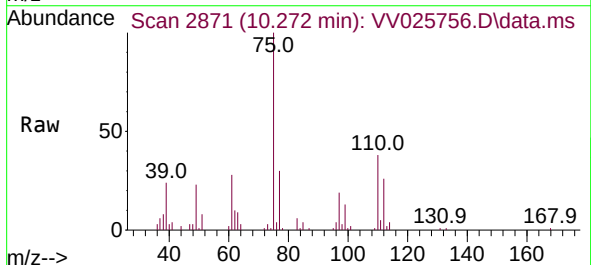
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

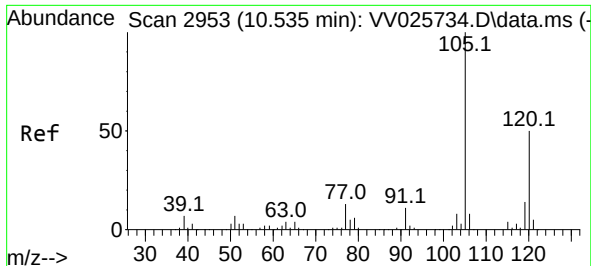
Tgt Ion:105 Resp: 181737
Ion Ratio Lower Upper
105 100
120 25.8 21.2 31.8
77 16.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 6.355 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion: 75 Resp: 30449
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
110 37.9 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.757 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

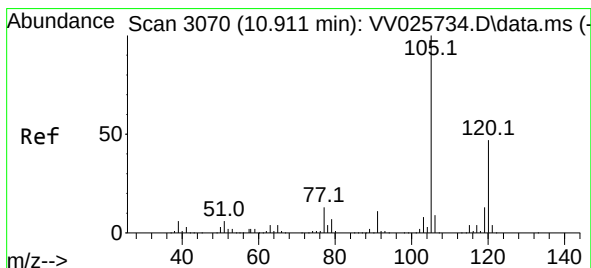
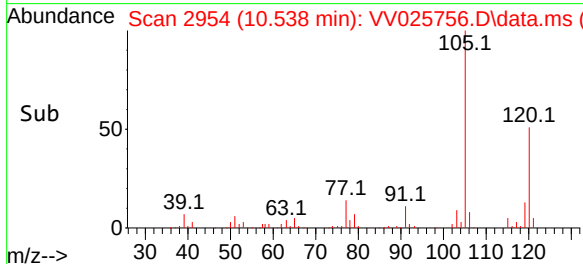
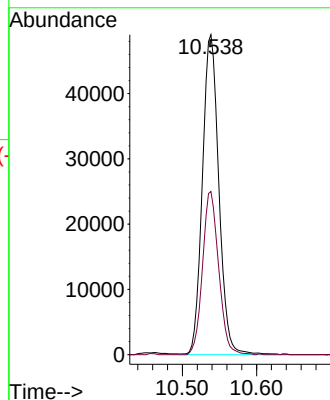
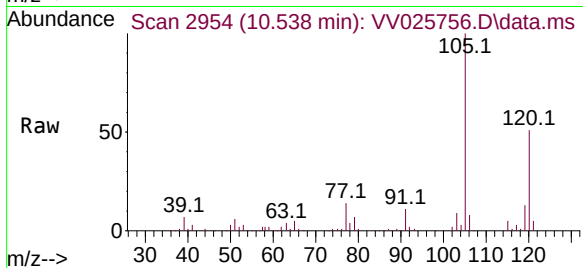
VSTD005397

Tgt Ion:105 Resp: 75435

Ion Ratio Lower Upper

105 100

120 49.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 3.833 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025756.D

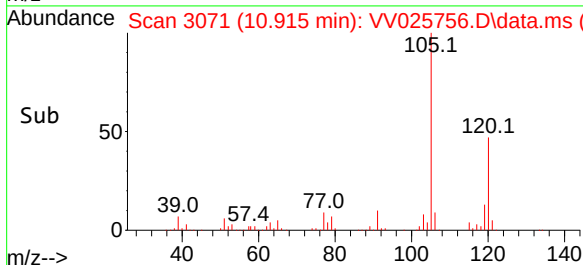
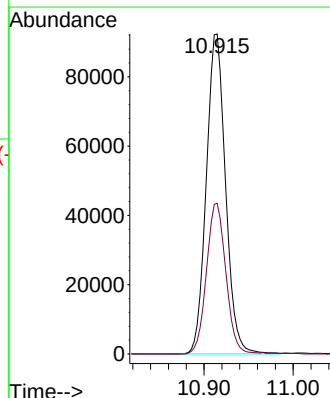
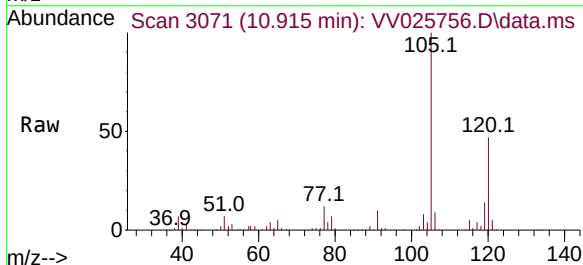
Acq: 29 Apr 2022 19:17

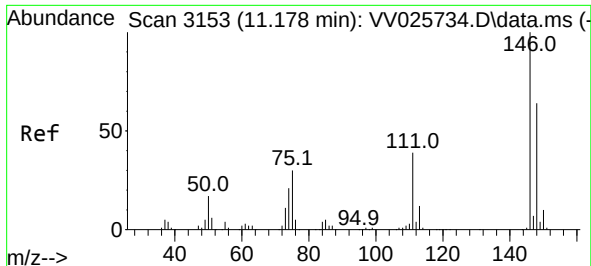
Tgt Ion:105 Resp: 138675

Ion Ratio Lower Upper

105 100

120 47.6 36.6 55.0

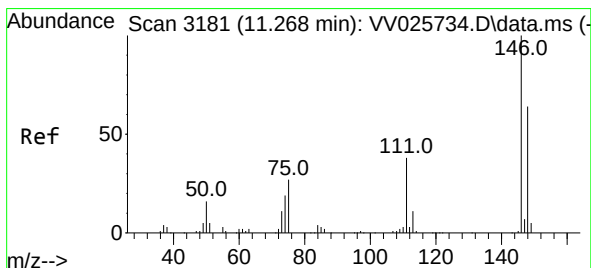
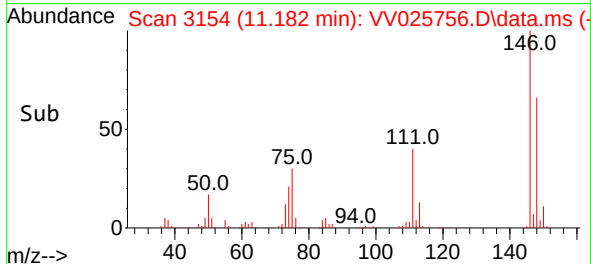
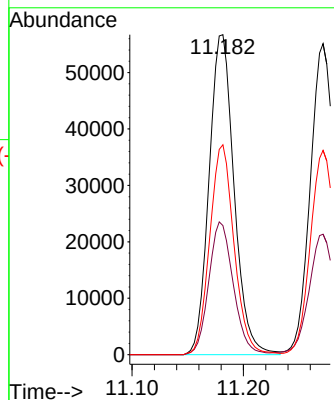
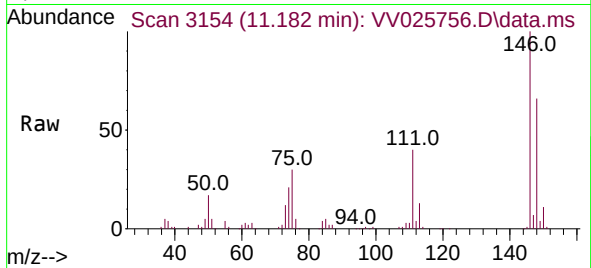




#64
1,3-Dichlorobenzene
Concen: 4.211 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

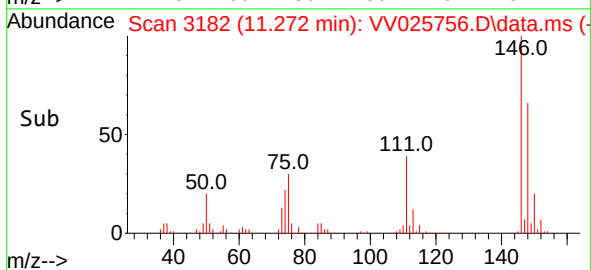
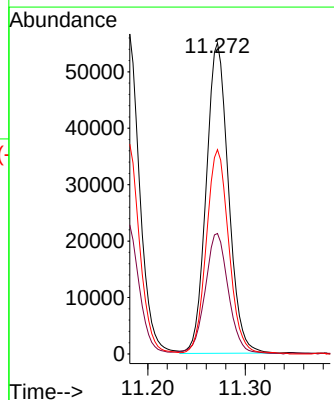
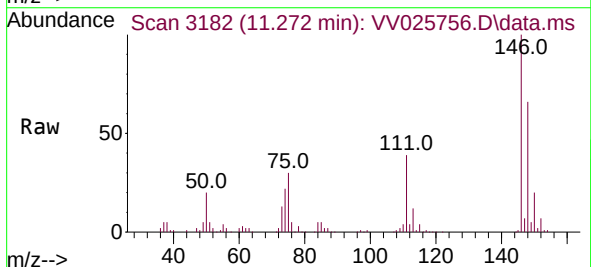
Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

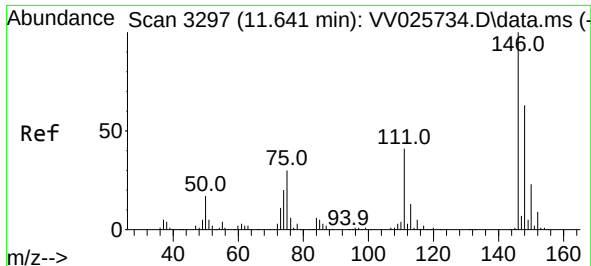
Tgt Ion:146 Resp: 88512
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 65.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.090 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion:146 Resp: 87269
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 65.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.577 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD005397

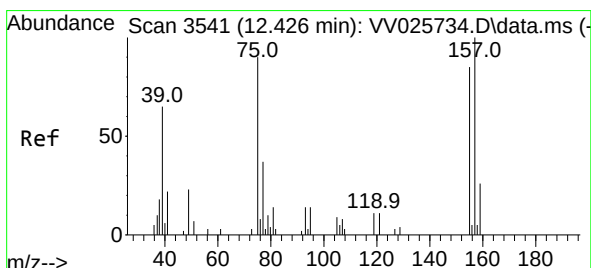
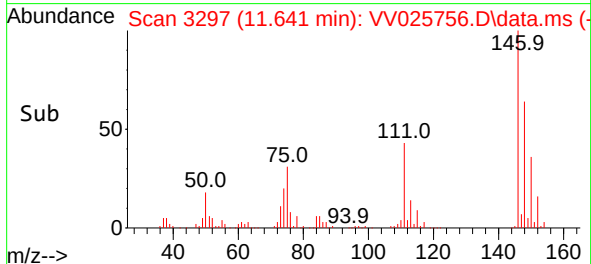
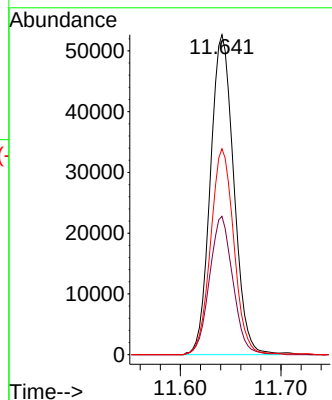
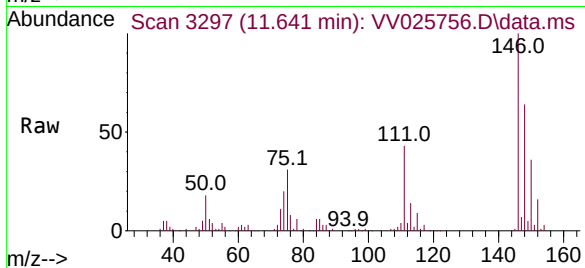
Tgt Ion:146 Resp: 85194

Ion Ratio Lower Upper

146 100

111 43.3 33.6 50.4

148 64.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.818 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

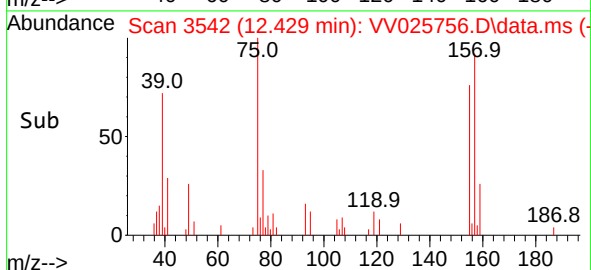
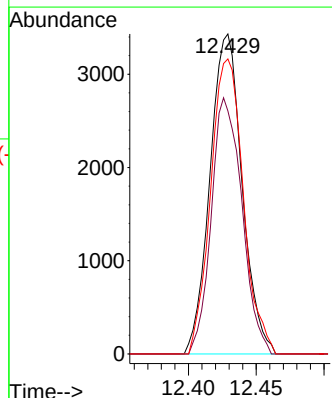
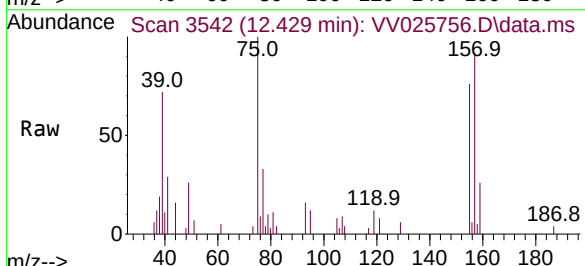
Tgt Ion: 75 Resp: 5648

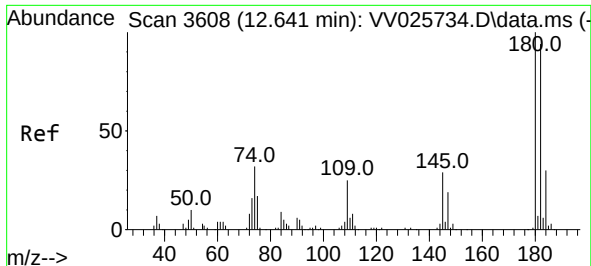
Ion Ratio Lower Upper

75 100

155 75.9 65.8 98.8

157 92.2 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 3.832 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD005397

Tgt Ion:180 Resp: 61277

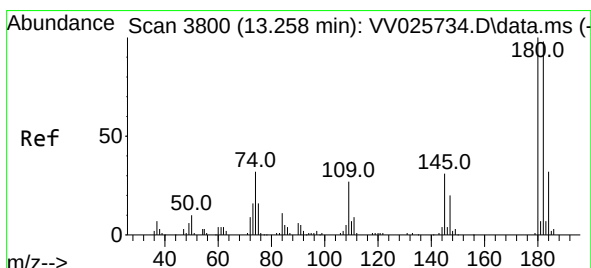
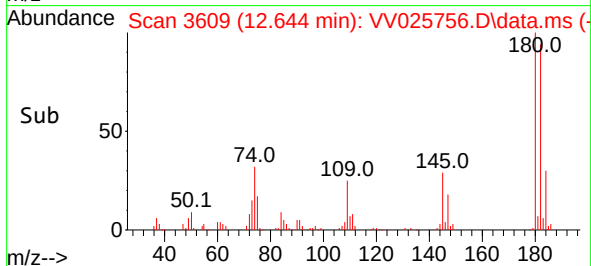
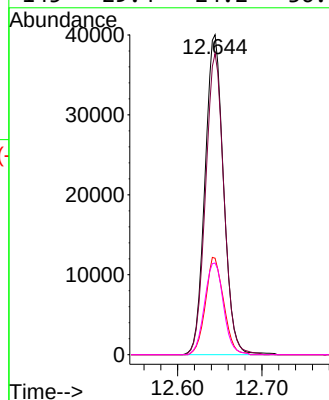
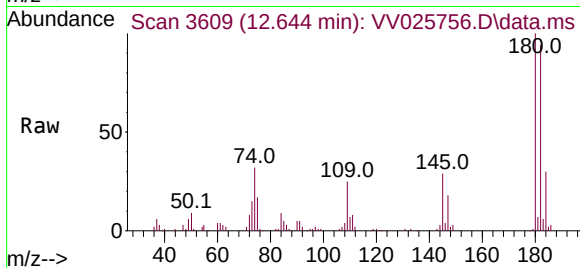
Ion Ratio Lower Upper

180 100

182 93.4 75.3 112.9

184 29.8 23.4 35.2

145 29.4 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 3.688 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025756.D

Acq: 29 Apr 2022 19:17

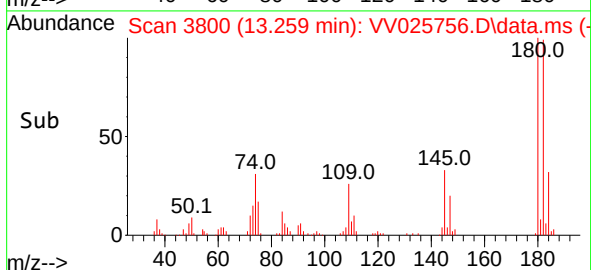
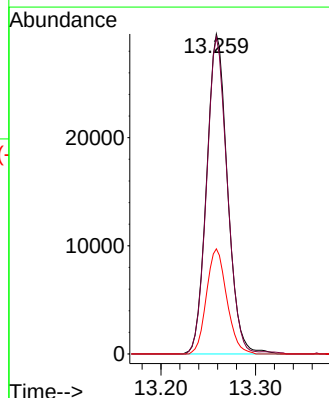
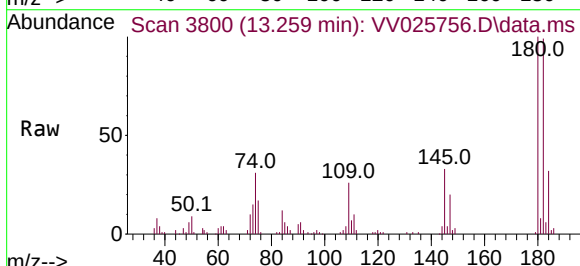
Tgt Ion:180 Resp: 45470

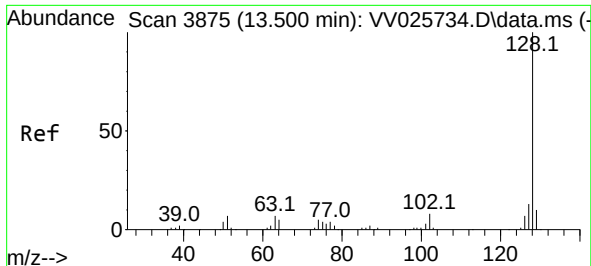
Ion Ratio Lower Upper

180 100

182 98.1 76.6 114.8

145 31.9 24.6 36.8

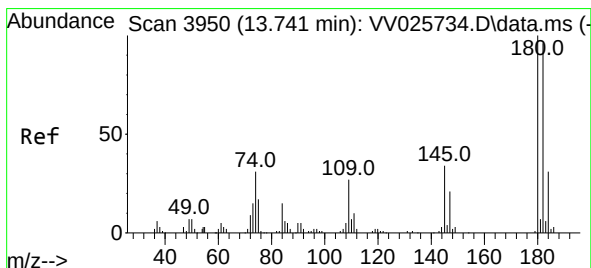
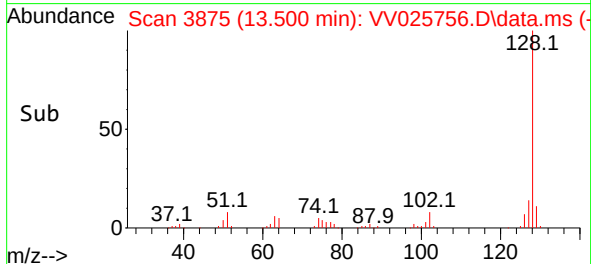
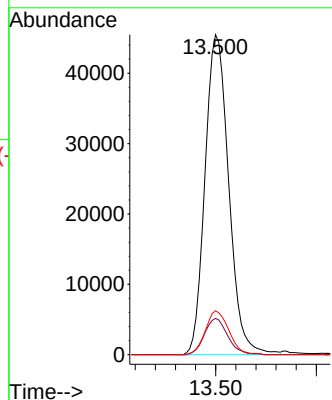
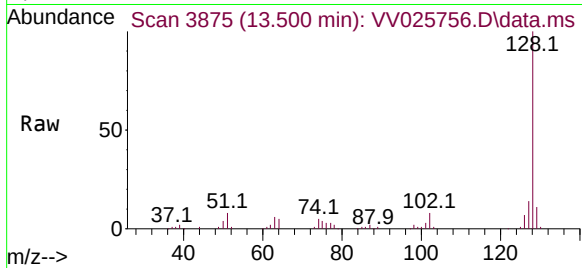




#71
Naphthalene
Concen: 4.121 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD005397

Tgt Ion:128 Resp: 74520
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.907 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025756.D
Acq: 29 Apr 2022 19:17

Tgt Ion:180 Resp: 39879
Ion Ratio Lower Upper
180 100
182 97.7 77.7 116.5
145 34.2 27.4 41.2

