

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025818.D
 Acq On : 04 May 2022 01:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

Quant Time: May 04 05:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	137336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72139	4.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.568	69	69254	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.111	63	136213	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.896	46	119017	59.745	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.480%
24) Chloroform-d	4.349	84	113298	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.034	65	53092	5.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.050	84	226484	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.072	67	66093	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.317	98	201965	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.625	79	21601	5.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.088	63	96402	60.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45310	5.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	66095	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	68831	4.402	ug/L	100
3) Chloromethane	1.243	50	90481	4.970	ug/L	99
5) Vinyl chloride	1.310	62	88115	4.849	ug/L	99
6) Bromomethane	1.523	94	47969	4.848	ug/L	99
8) Chloroethane	1.587	64	60928	5.210	ug/L	97
9) Trichlorofluoromethane	1.754	101	113583	4.593	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	58204	4.364	ug/L	98
12) 1,1-Dichloroethene	2.121	96	60870	4.755	ug/L	86
13) Acetone	2.182	43	79011	60.263	ug/L	96
14) Carbon disulfide	2.294	76	156641	4.733	ug/L	99
15) Methyl Acetate	2.439	43	18291	5.828	ug/L	90
16) Methylene chloride	2.506	84	59298	4.776	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	110328	5.670	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	53063	4.706	ug/L	95
19) 1,1-Dichloroethane	3.191	63	102451	5.095	ug/L	97
21) 2-Butanone	3.979	43	110889	63.209	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	57824	5.010	ug/L	90
23) Bromochloromethane	4.249	128	26481	5.611	ug/L	92
25) Chloroform	4.378	83	108094	5.149	ug/L	98

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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

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Quant Time: May 04 05:12:54 2022
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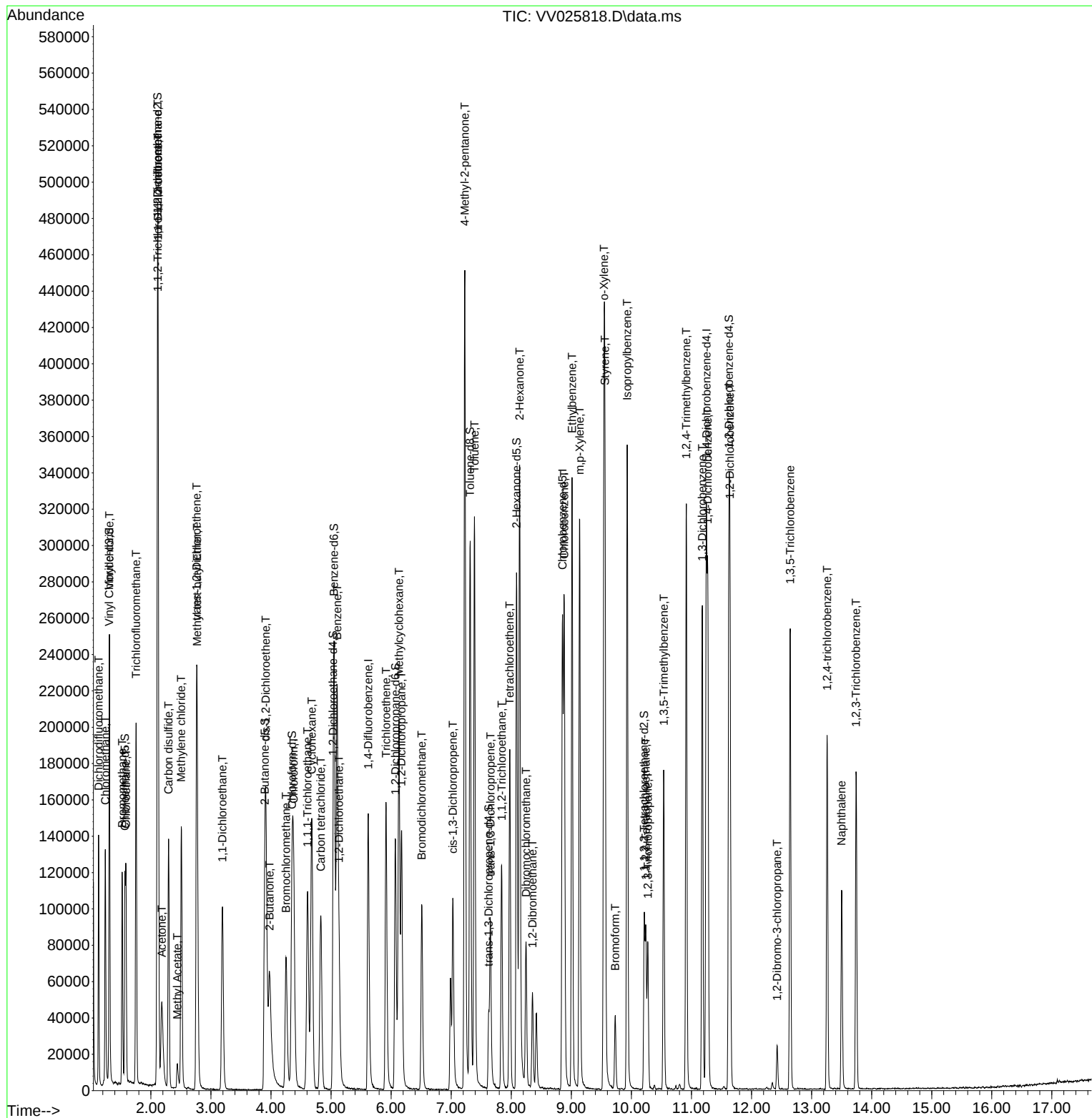
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	61696	5.421	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	87392	4.698	ug/L	98
30) Cyclohexane	4.680	56	73515	4.370	ug/L	96
31) Carbon tetrachloride	4.831	117	72654	4.575	ug/L	99
33) Benzene	5.101	78	227274	4.938	ug/L	100
34) Trichloroethene	5.915	95	54484	4.499	ug/L	98
35) Methylcyclohexane	6.130	83	78068	4.184	ug/L	94
37) 1,2-Dichloropropane	6.172	63	54313	4.857	ug/L	100
38) Bromodichloromethane	6.510	83	68173	4.917	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	65321	4.768	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	289900	62.398	ug/L	94
42) Toluene	7.387	91	230224	4.710	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	53645	4.910	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	38567	5.405	ug/L	98
47) Tetrachloroethene	7.976	164	40461	3.914	ug/L	97
48) 2-Hexanone	8.140	43	212226	64.773	ug/L	94
49) Dibromochloromethane	8.246	129	38971	4.950	ug/L	97
50) 1,2-Dibromoethane	8.352	107	35055	5.569	ug/L	96
51) Chlorobenzene	8.882	112	140732	4.526	ug/L	97
52) Ethylbenzene	9.011	91	226234	4.467	ug/L	100
53) m,p-Xylene	9.140	106	87611	4.403	ug/L	97
54) o-Xylene	9.545	106	84704	4.488	ug/L	98
55) Styrene	9.561	104	148703	4.771	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	41277	5.433	ug/L	99
59) Bromoform	9.731	173	17193	4.883	ug/L	95
60) Isopropylbenzene	9.931	105	220163	4.369	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	31741	5.297	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	92135	4.254	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	170559	4.309	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	104968	4.527	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	106104	4.482	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	96696	4.671	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5876	5.256	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	73197	4.206	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	55365	4.261	ug/L	99
71) Naphthalene	13.500	128	85681	4.644	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	49273	4.653	ug/L	99

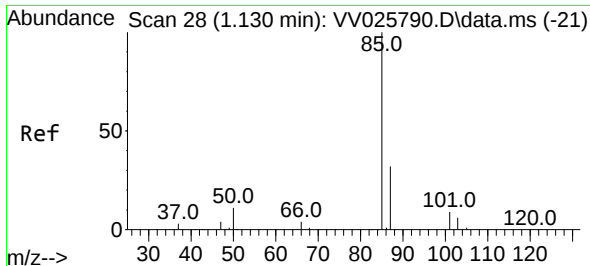
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 Data File : VV025818.D
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 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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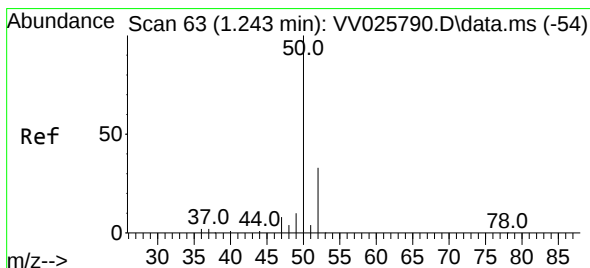
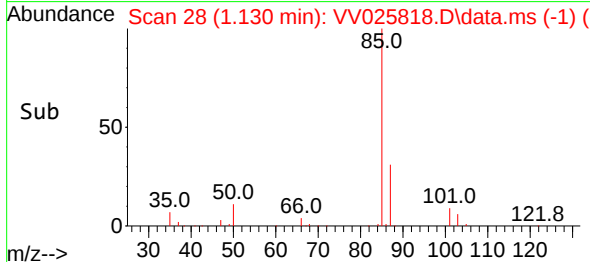
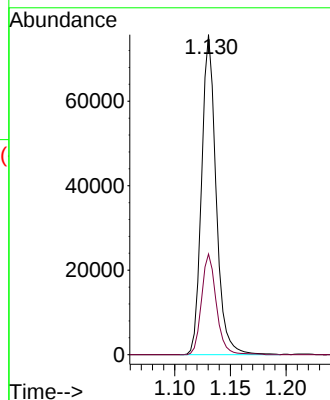
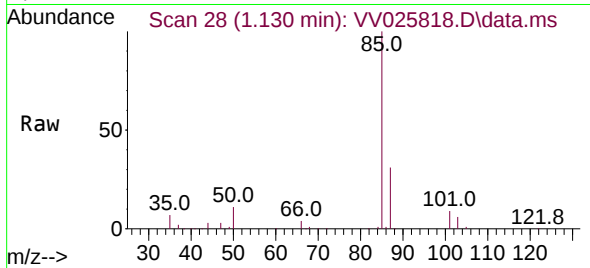




#2
 Dichlorodifluoromethane
 Concen: 4.402 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

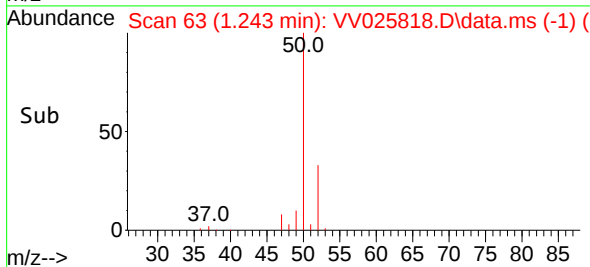
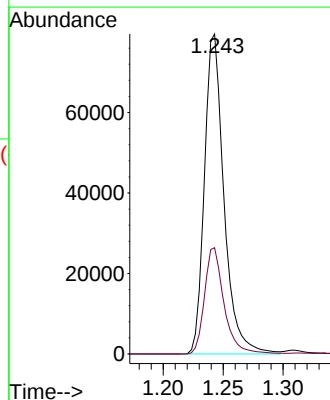
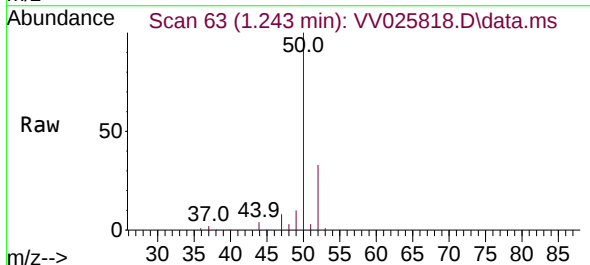
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

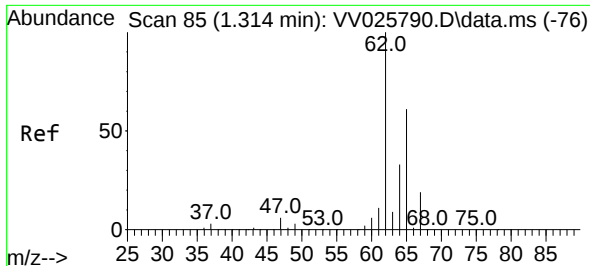
Tgt Ion: 85 Resp: 68831
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.970 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

Tgt Ion: 50 Resp: 90481
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9

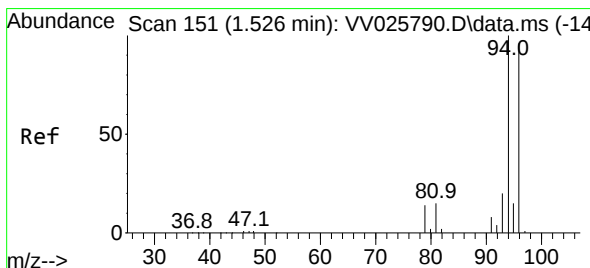
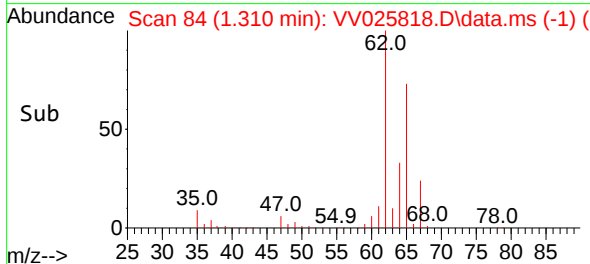
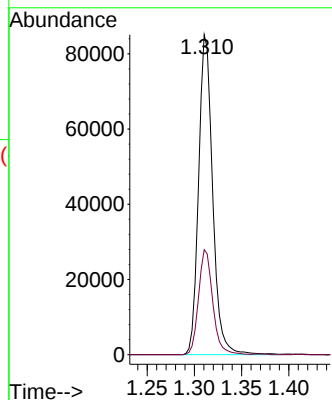
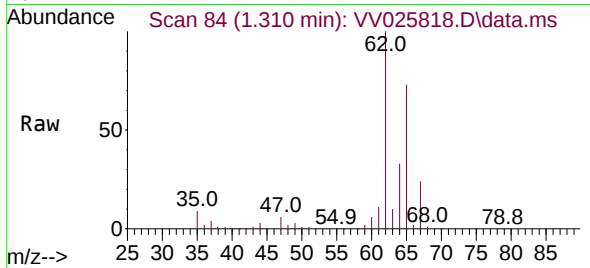




#5
 Vinyl chloride
 Concen: 4.849 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

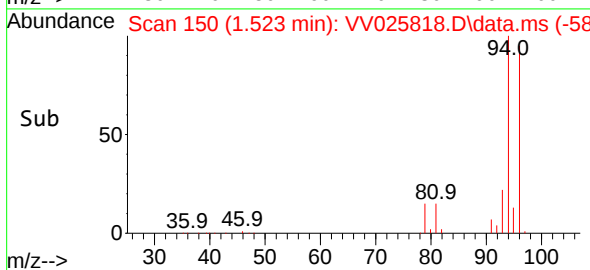
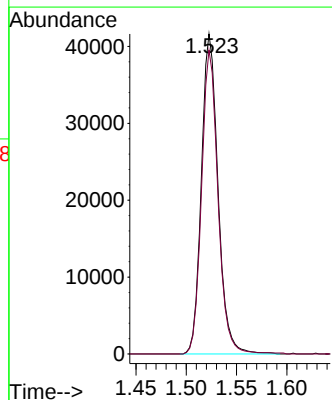
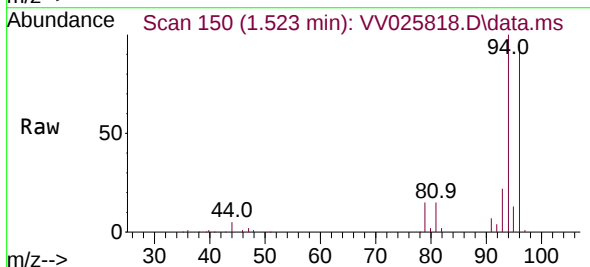
Instrument :
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 ClientSampleId :
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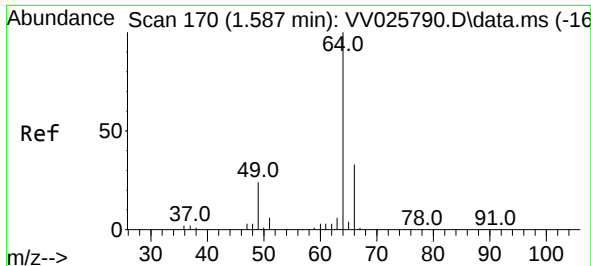
Tgt Ion: 62 Resp: 88115
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 4.848 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

Tgt Ion: 94 Resp: 47969
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.1 122.7

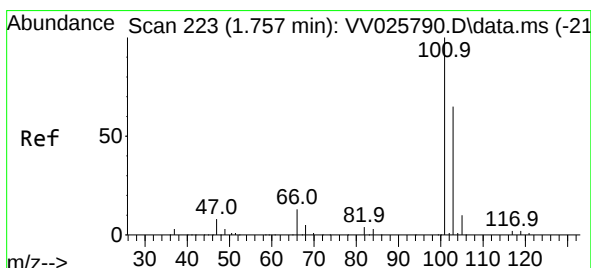
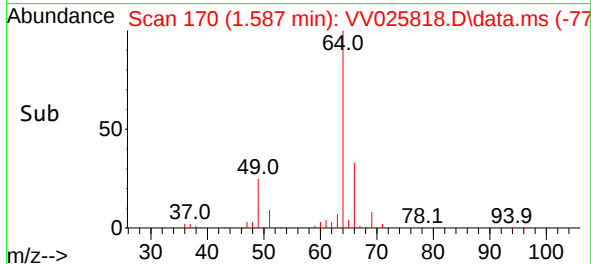
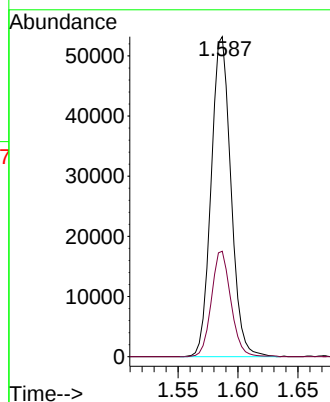
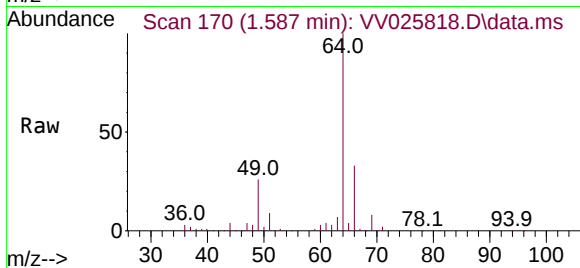




#8
Chloroethane
Concen: 5.210 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

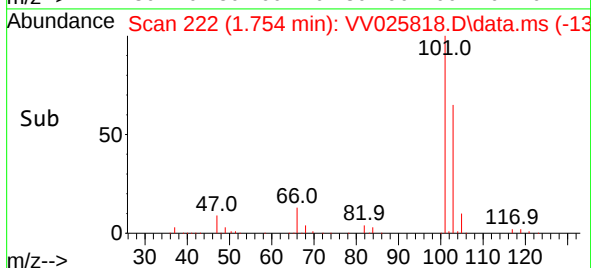
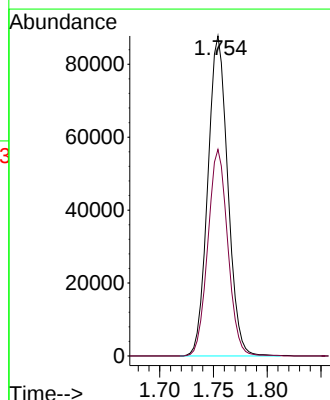
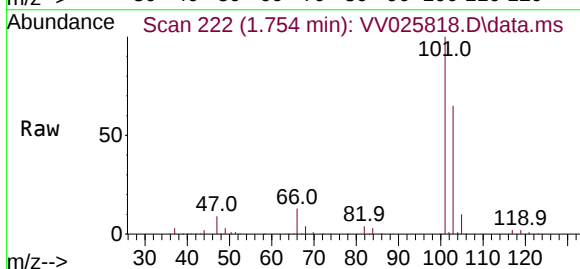
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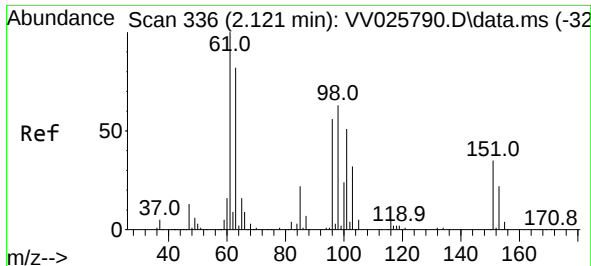
Tgt Ion: 64 Resp: 60928
Ion Ratio Lower Upper
64 100
66 32.9 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.593 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion:101 Resp: 113583
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

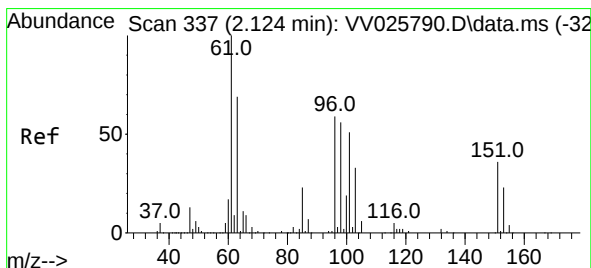
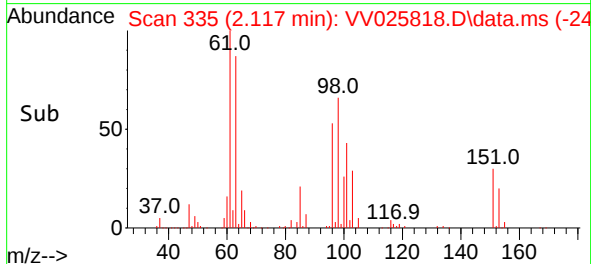
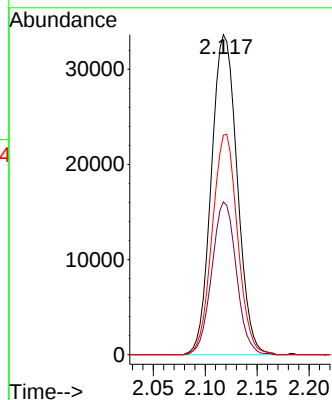
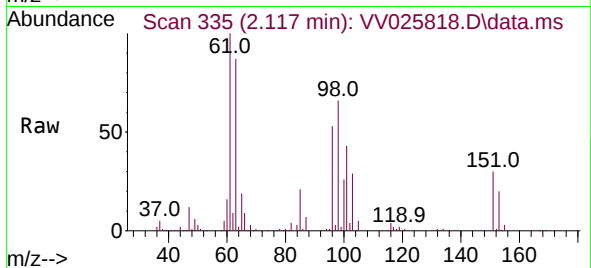




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.364 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

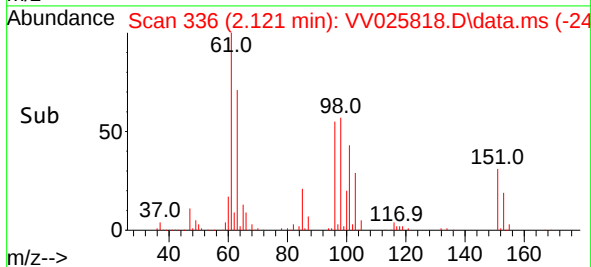
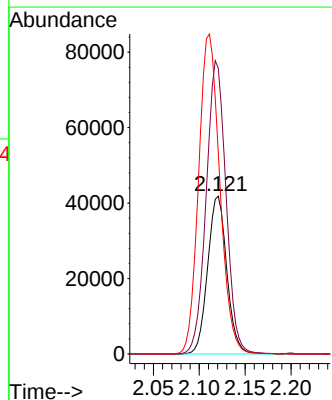
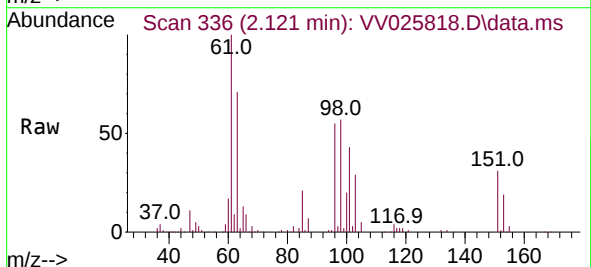
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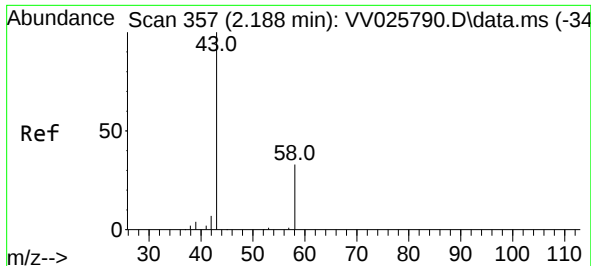
Tgt Ion:101 Resp: 58204
Ion Ratio Lower Upper
101 100
85 45.3 35.9 53.9
151 67.5 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.755 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 96 Resp: 60870
Ion Ratio Lower Upper
96 100
61 181.2 125.2 232.4
63 127.9 114.4 212.4





#13

Acetone

Concen: 60.263 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

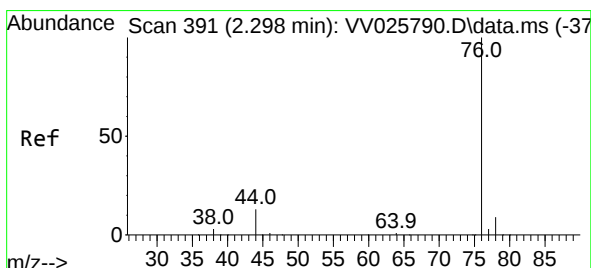
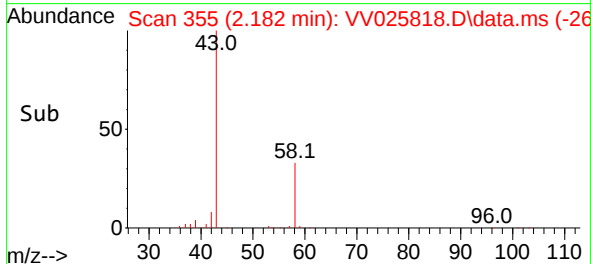
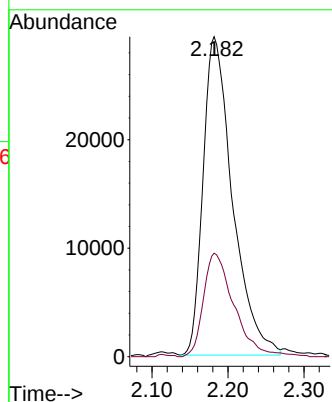
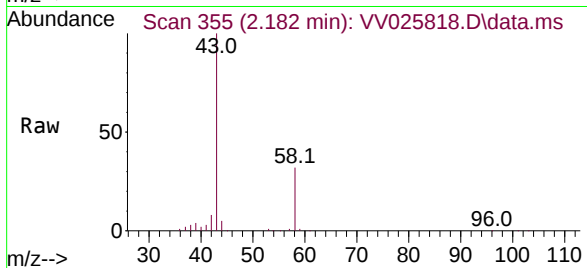
VSTD005283

Tgt Ion: 43 Resp: 79011

Ion Ratio Lower Upper

43 100

58 33.9 0.0 72.2



#14

Carbon disulfide

Concen: 4.733 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025818.D

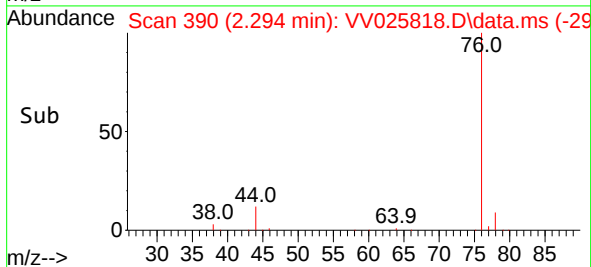
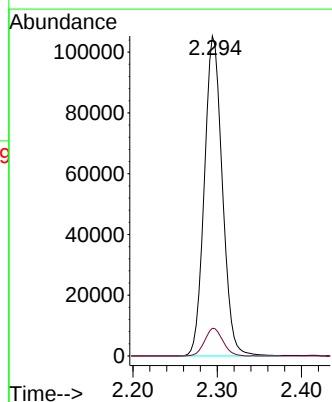
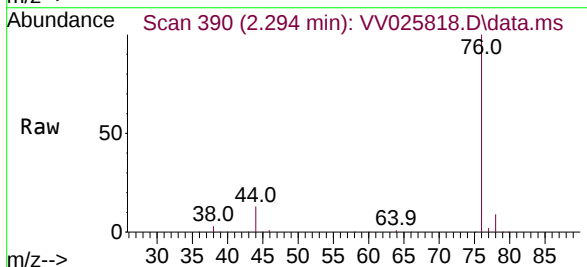
Acq: 04 May 2022 01:06

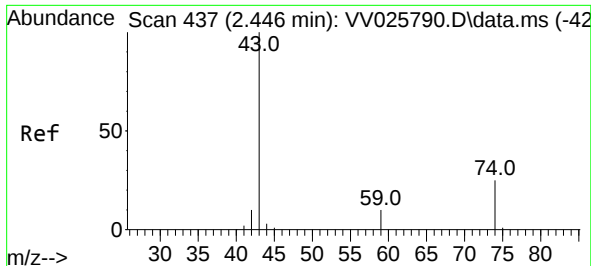
Tgt Ion: 76 Resp: 156641

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

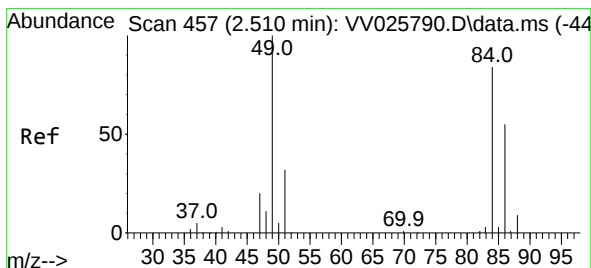
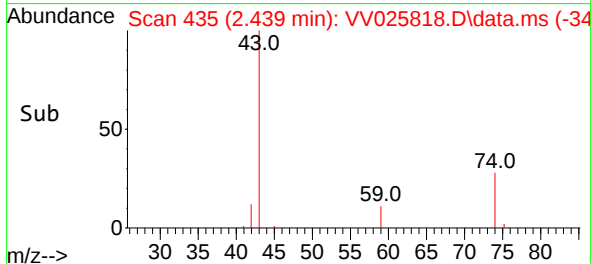
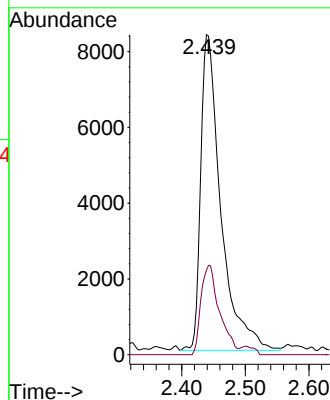
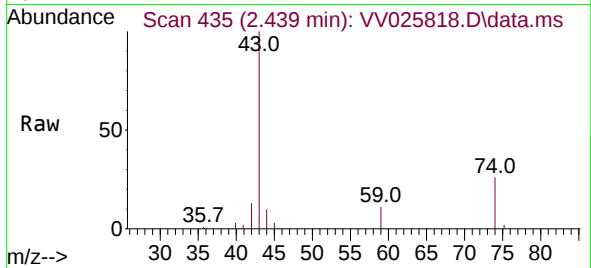




#15
Methyl Acetate
Concen: 5.828 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

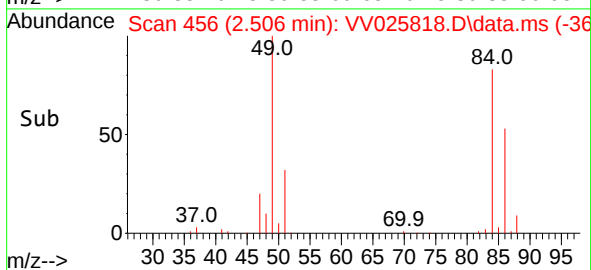
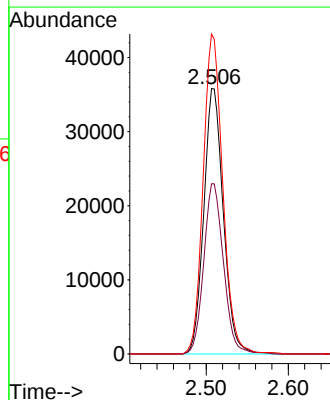
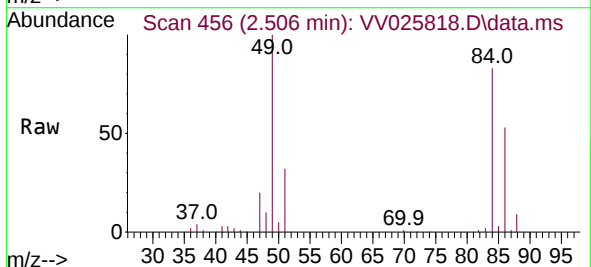
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

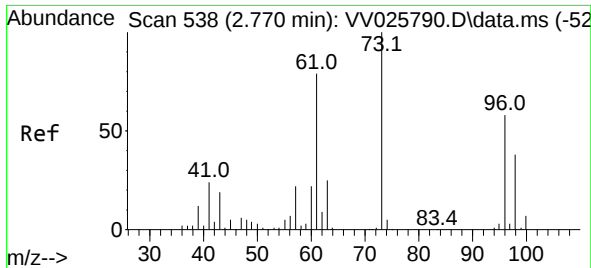
Tgt Ion: 43 Resp: 18291
Ion Ratio Lower Upper
43 100
74 26.2 25.2 37.8



#16
Methylene chloride
Concen: 4.776 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 84 Resp: 59298
Ion Ratio Lower Upper
84 100
86 64.1 45.9 85.3
49 120.5 76.6 142.3

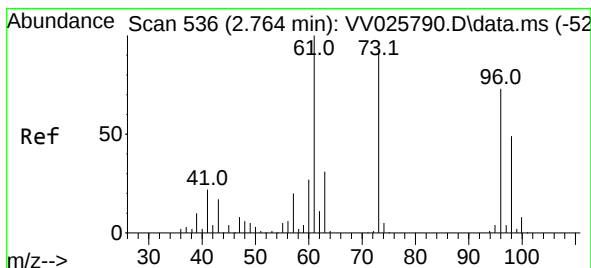
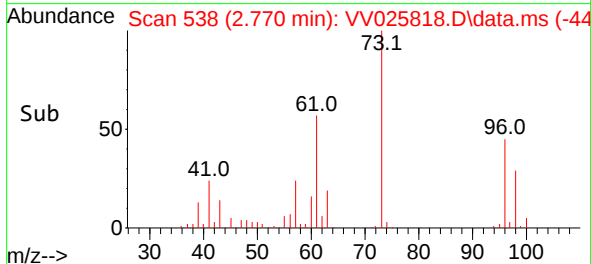
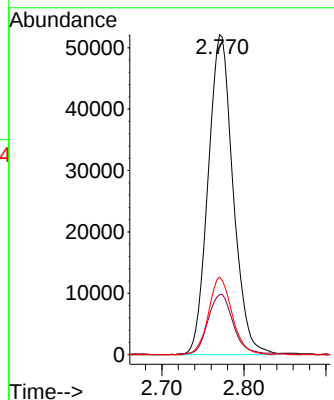
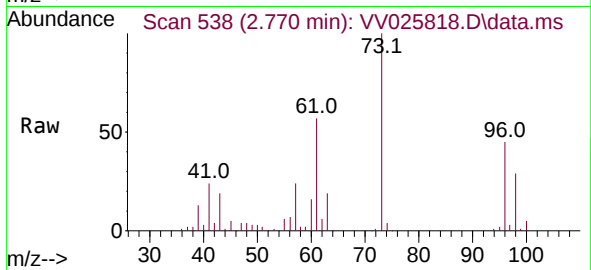




#17
Methyl tert-butyl Ether
Concen: 5.670 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

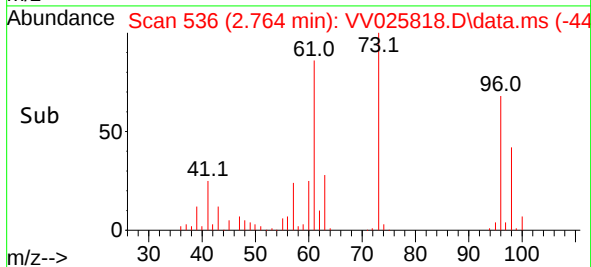
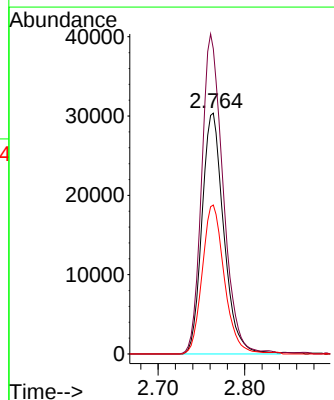
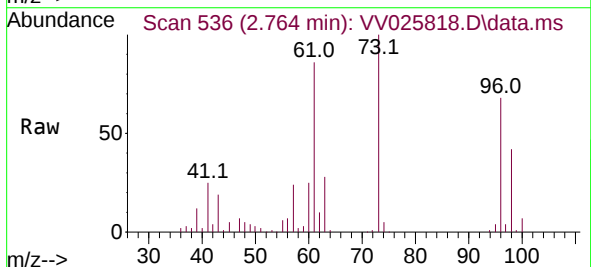
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

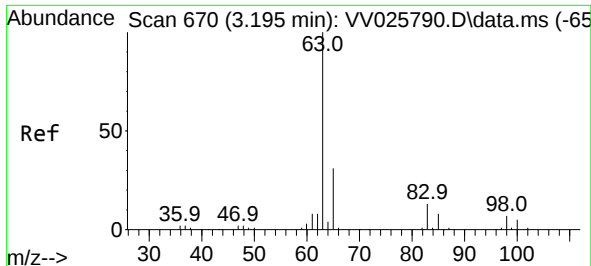
Tgt Ion: 73 Resp: 110328
Ion Ratio Lower Upper
73 100
43 19.6 14.2 21.4
57 22.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.706 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 96 Resp: 53063
Ion Ratio Lower Upper
96 100
61 126.7 92.1 171.1
98 61.8 47.5 88.1

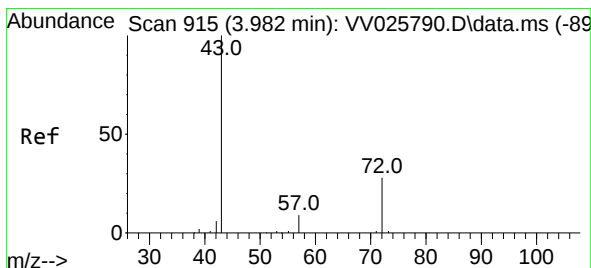
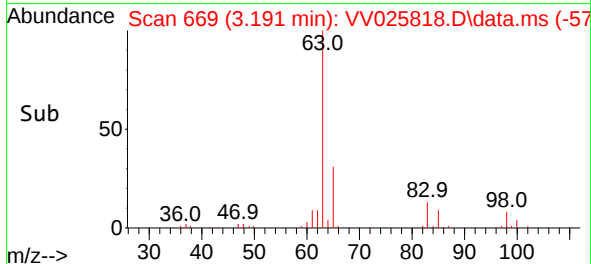
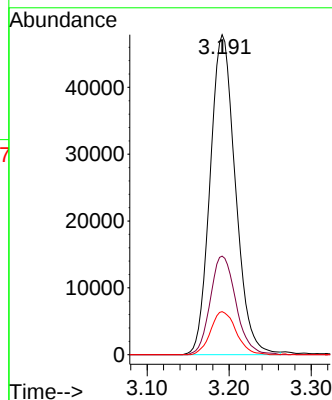
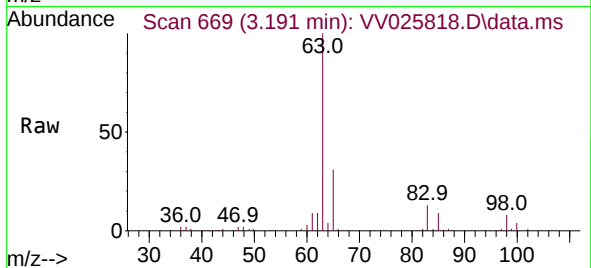




#19
1,1-Dichloroethane
Concen: 5.095 ug/L
RT: 3.191 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

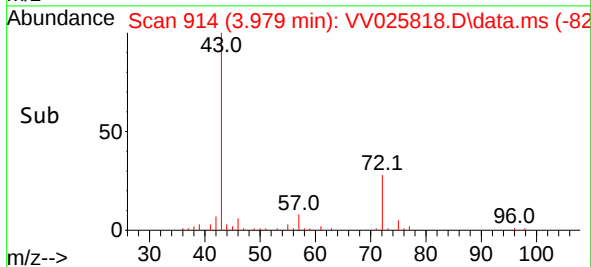
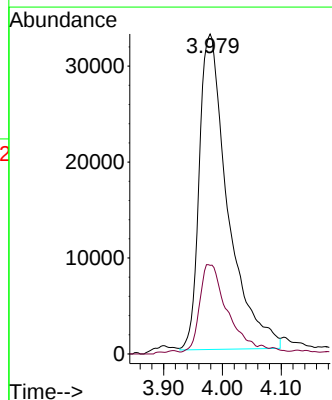
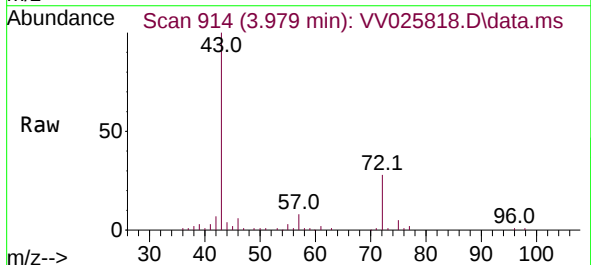
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

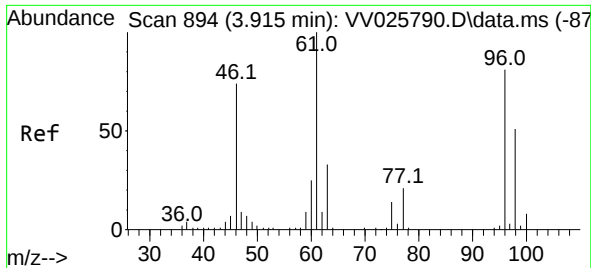
Tgt Ion: 63 Resp: 102451
Ion Ratio Lower Upper
63 100
65 30.8 23.2 43.0
83 13.5 9.0 16.8



#21
2-Butanone
Concen: 63.209 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 43 Resp: 110889
Ion Ratio Lower Upper
43 100
72 26.3 15.2 45.6

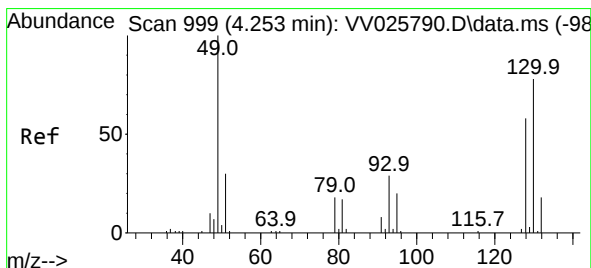
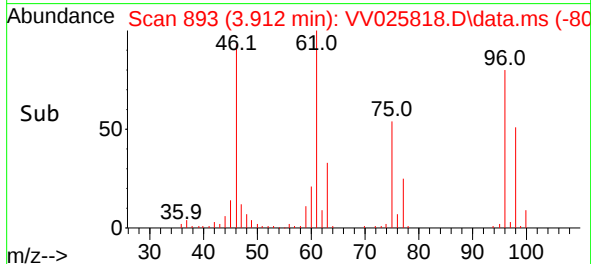
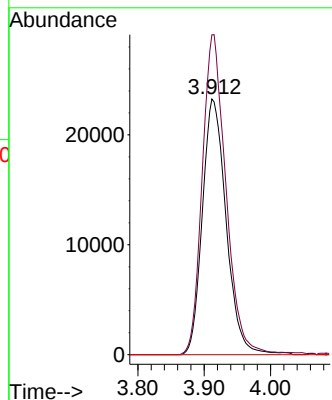
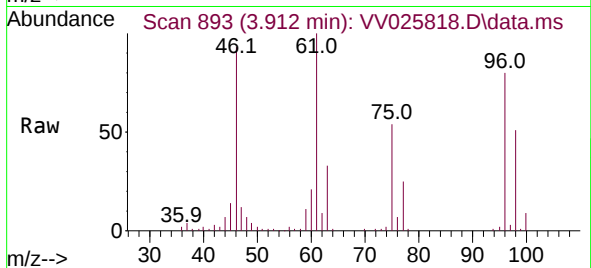




#22
 cis-1,2-Dichloroethene
 Concen: 5.010 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

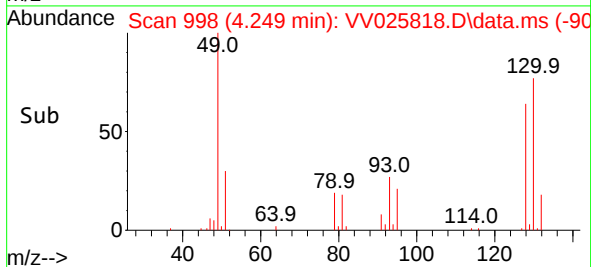
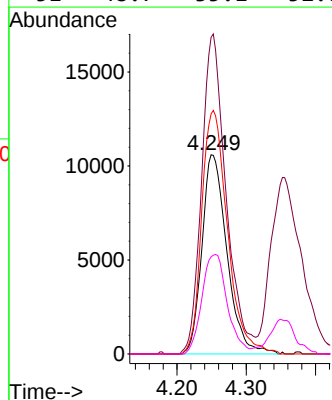
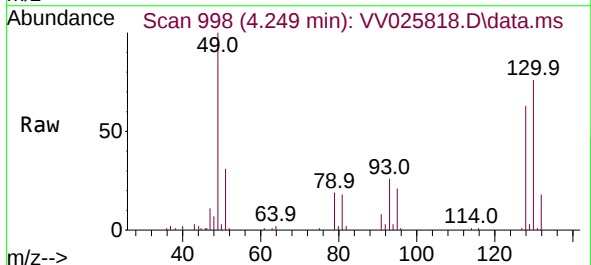
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

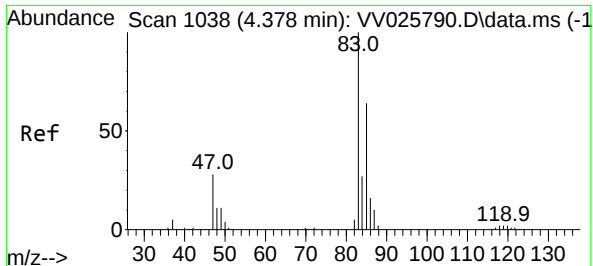
Tgt Ion: 96 Resp: 57824
 Ion Ratio Lower Upper
 96 100
 61 125.1 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.611 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.003 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

Tgt Ion: 128 Resp: 26481
 Ion Ratio Lower Upper
 128 100
 49 158.9 100.5 186.7
 130 120.4 87.8 163.0
 51 48.7 35.1 52.7

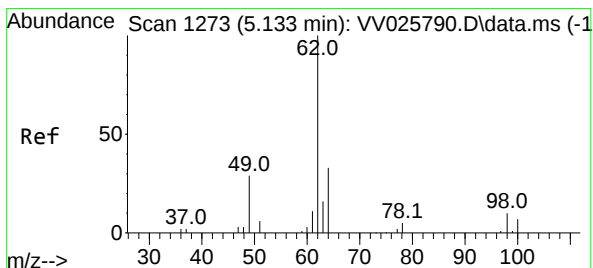
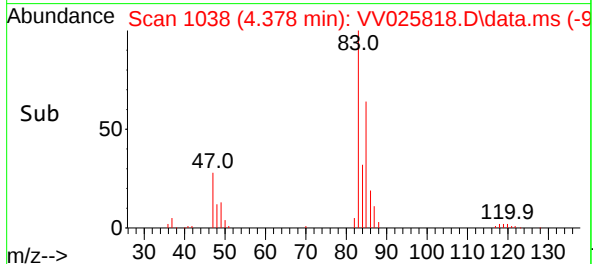
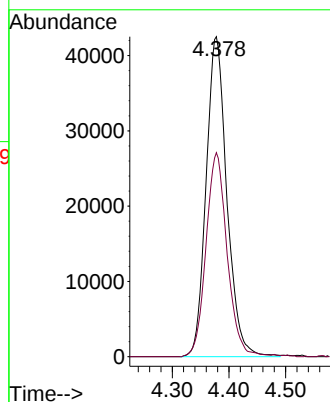
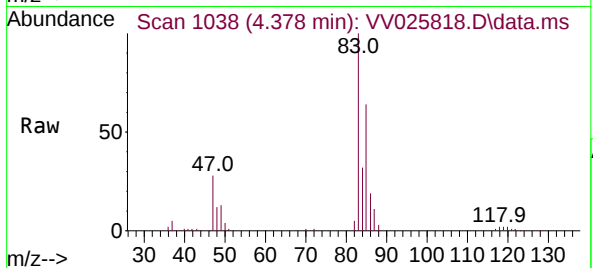




#25
Chloroform
Concen: 5.149 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

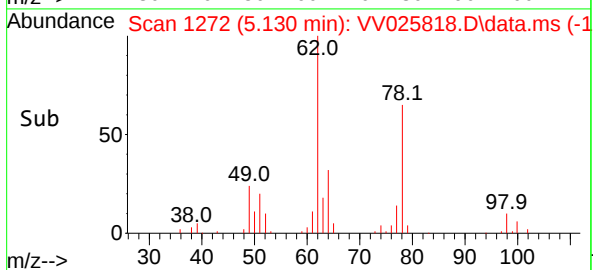
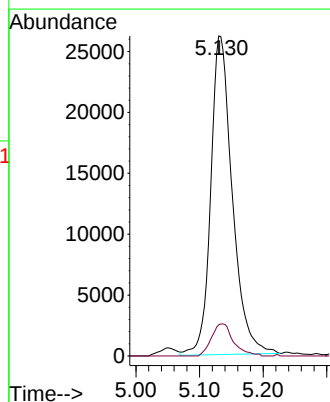
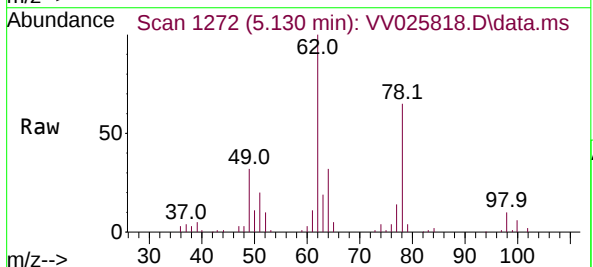
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

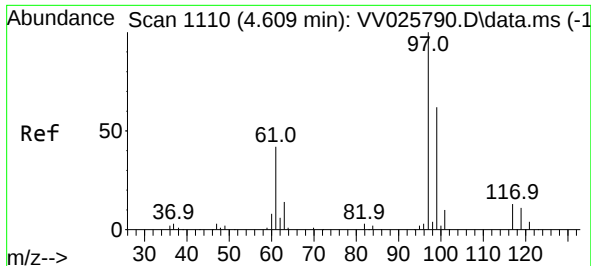
Tgt Ion: 83 Resp: 108094
Ion Ratio Lower Upper
83 100
85 63.7 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.421 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 62 Resp: 61696
Ion Ratio Lower Upper
62 100
98 9.8 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.698 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005283

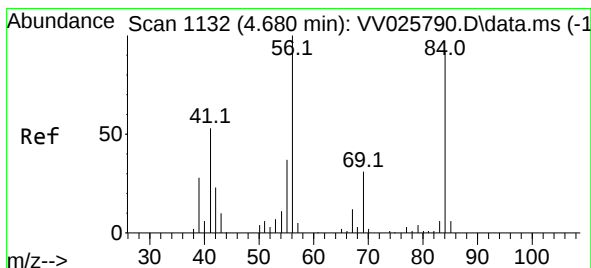
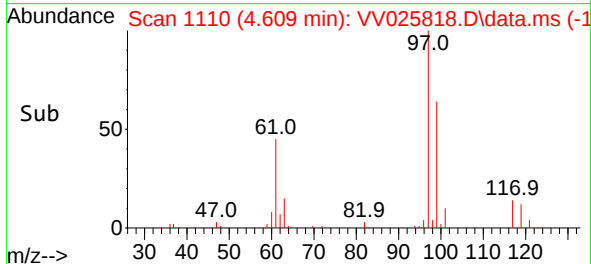
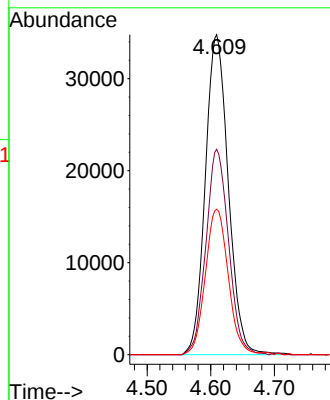
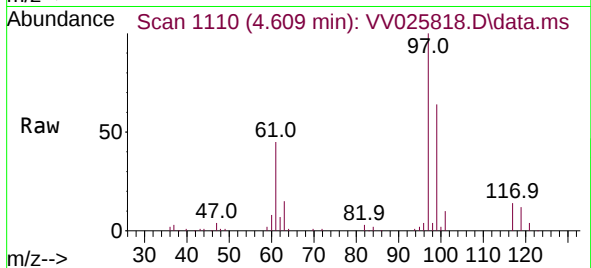
Tgt Ion: 97 Resp: 87392

Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 45.2 34.3 51.5



#30

Cyclohexane

Concen: 4.370 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

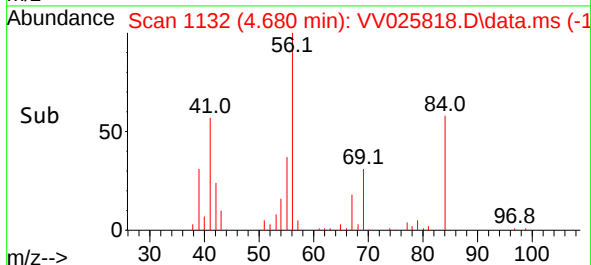
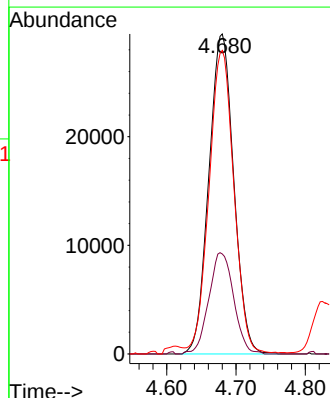
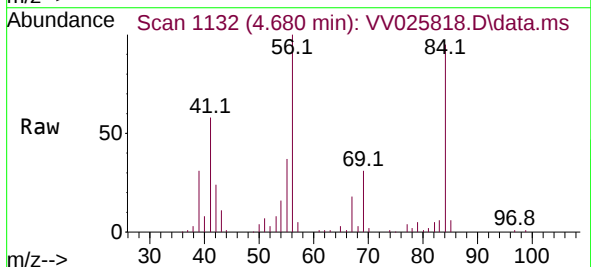
Tgt Ion: 56 Resp: 73515

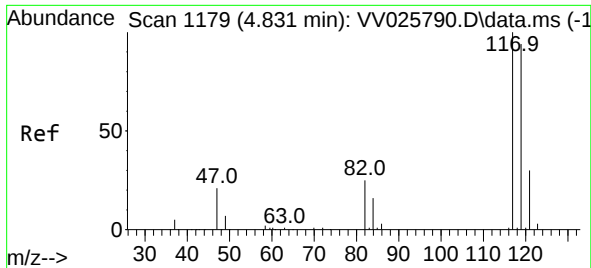
Ion Ratio Lower Upper

56 100

69 31.6 26.1 39.1

84 94.2 78.6 118.0

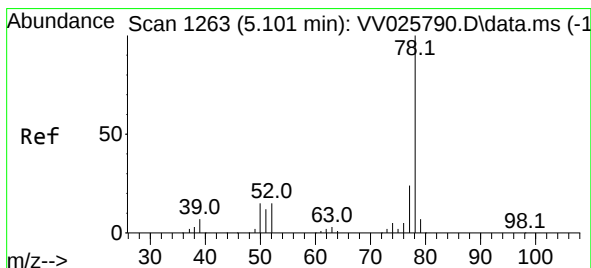
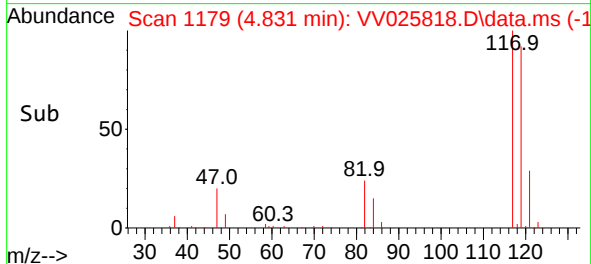
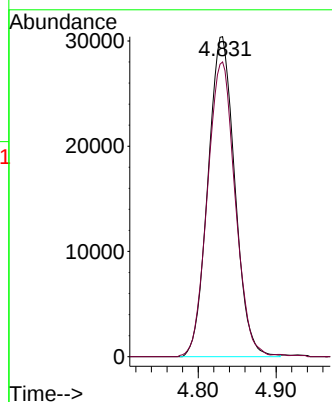
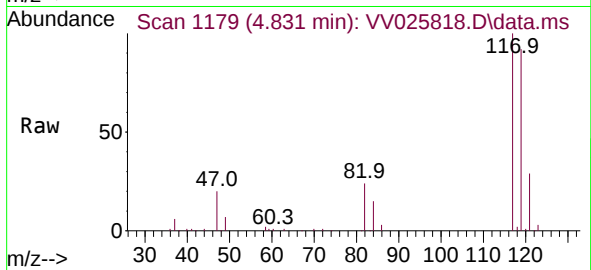




#31
Carbon tetrachloride
Concen: 4.575 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

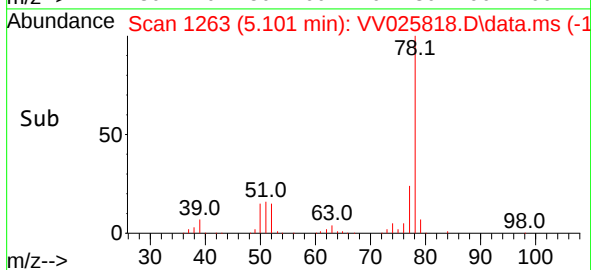
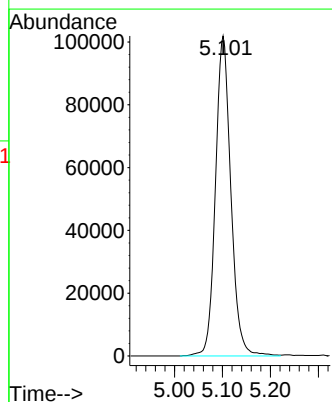
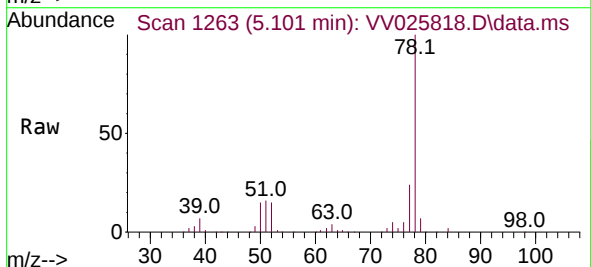
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

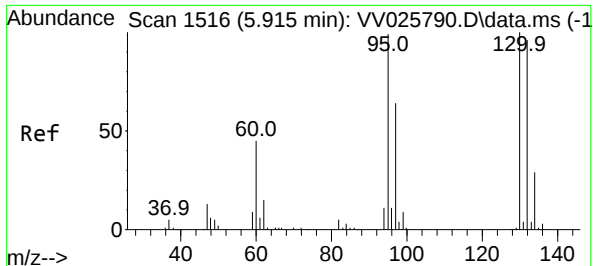
Tgt Ion:117 Resp: 72654
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8



#33
Benzene
Concen: 4.938 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 78 Resp: 227274

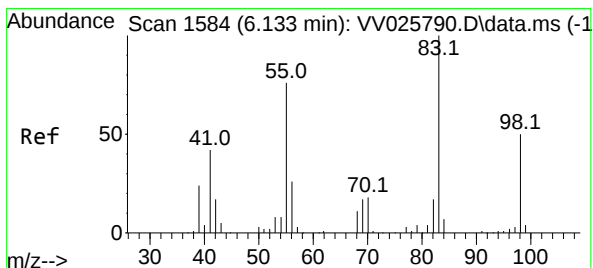
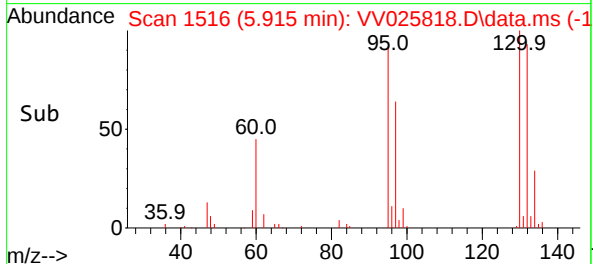
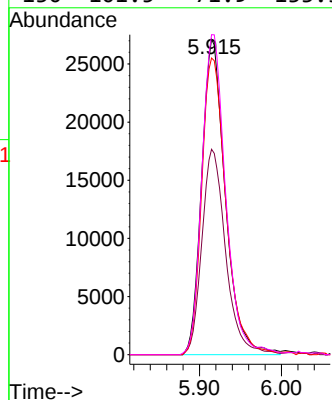
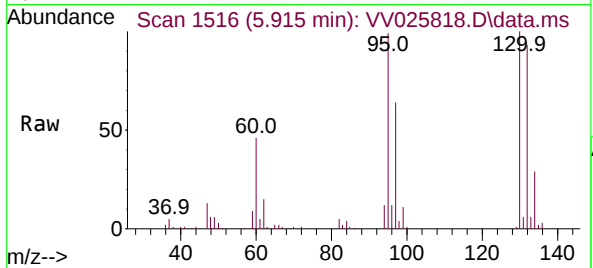




#34
Trichloroethene
Concen: 4.499 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

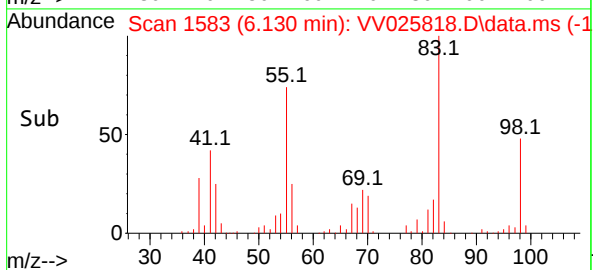
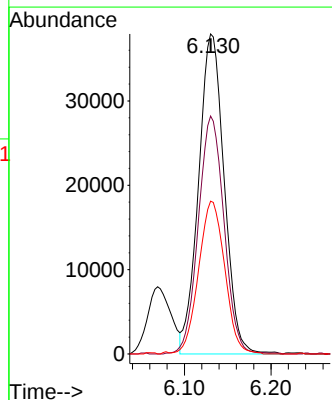
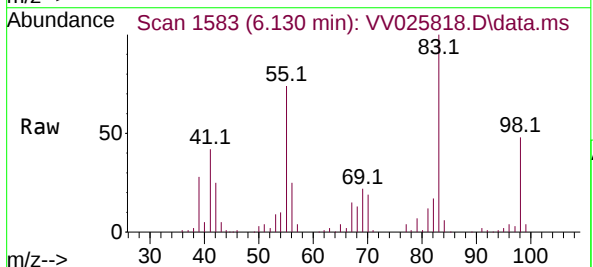
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

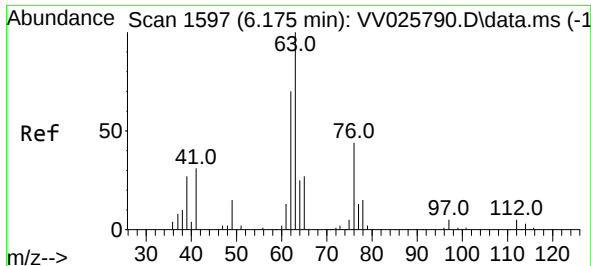
Tgt Ion: 95 Resp: 54484
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 94.1 68.0 126.4
130 101.5 71.9 133.5



#35
Methylcyclohexane
Concen: 4.184 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 83 Resp: 78068
Ion Ratio Lower Upper
83 100
55 74.6 53.7 80.5
98 48.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.857 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.003 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

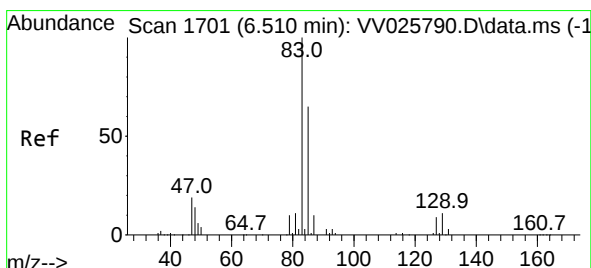
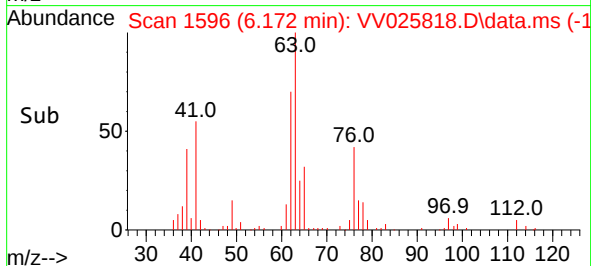
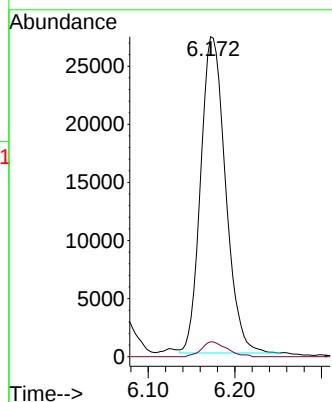
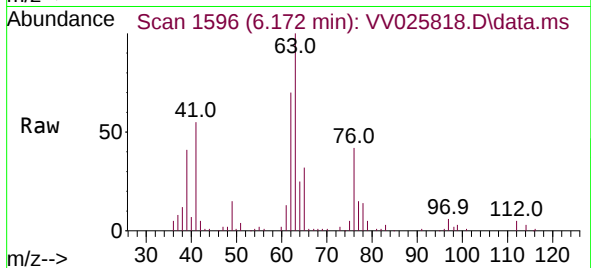
VSTD005283

Tgt Ion: 63 Resp: 54313

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 4.917 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

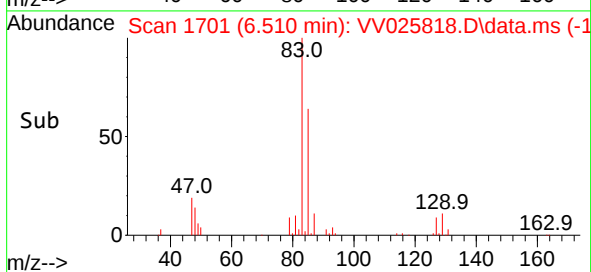
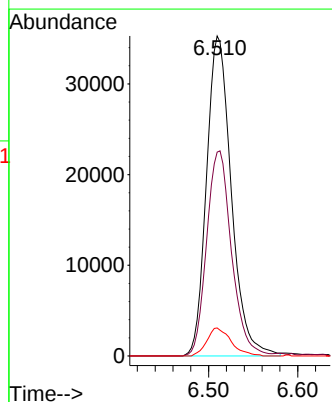
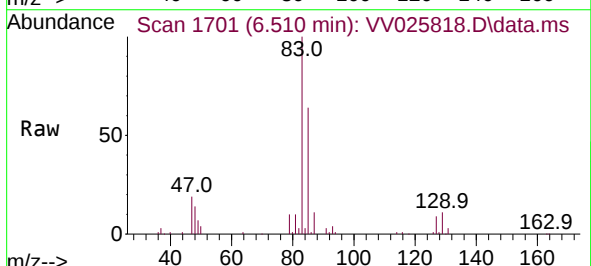
Tgt Ion: 83 Resp: 68173

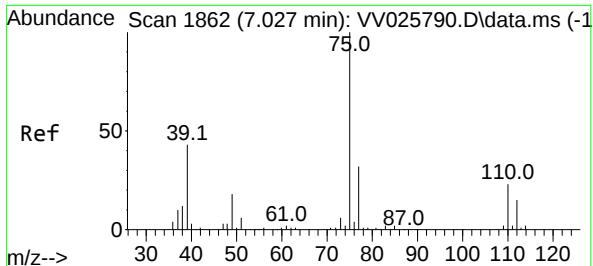
Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.4

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.768 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

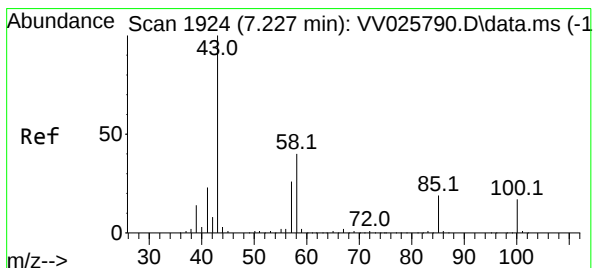
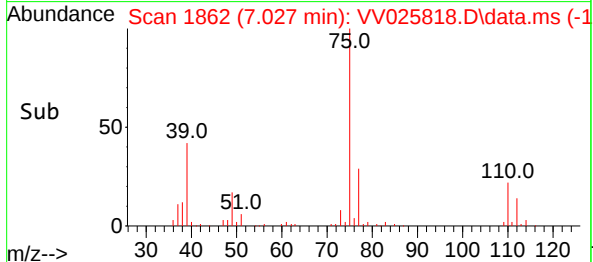
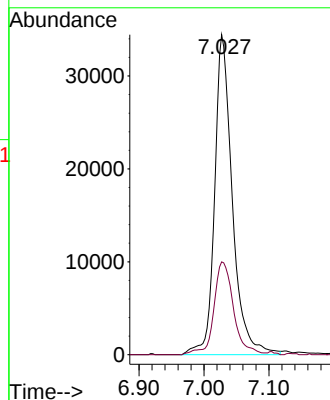
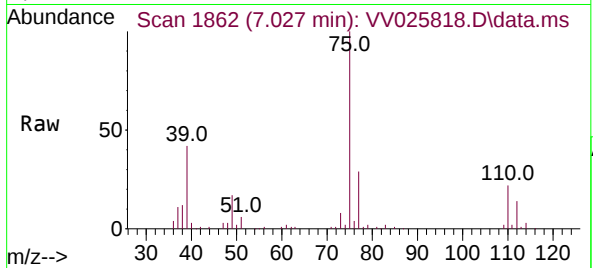
VSTD005283

Tgt Ion: 75 Resp: 65321

Ion Ratio Lower Upper

75 100

77 29.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 62.398 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

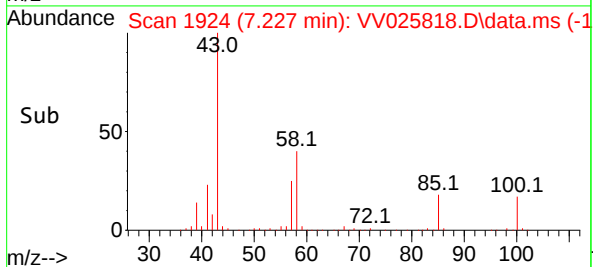
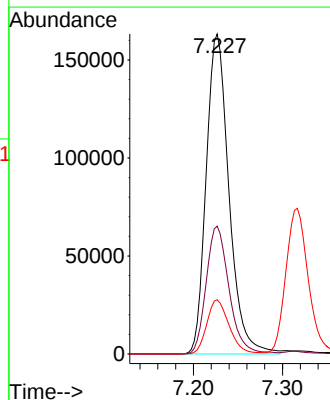
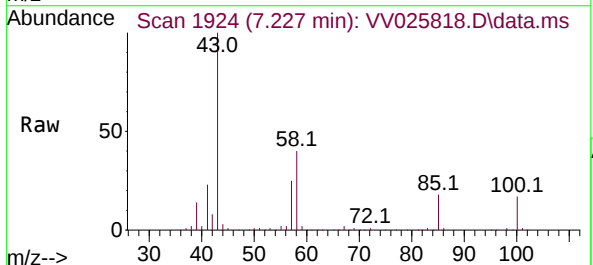
Tgt Ion: 43 Resp: 289900

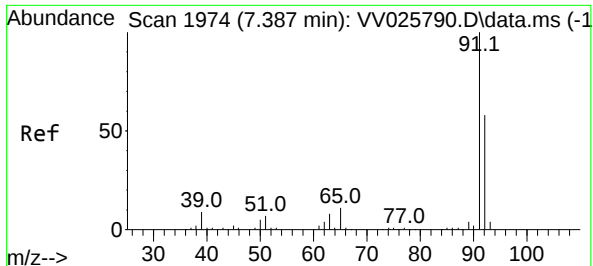
Ion Ratio Lower Upper

43 100

58 40.1 35.1 52.7

100 16.7 15.3 22.9





#42

Toluene

Concen: 4.710 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

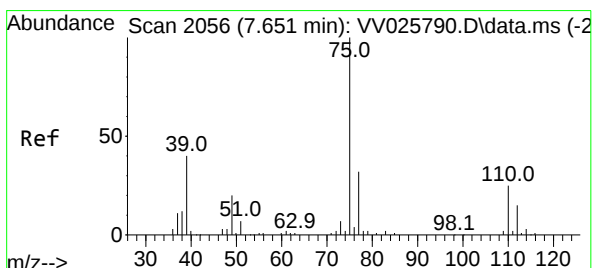
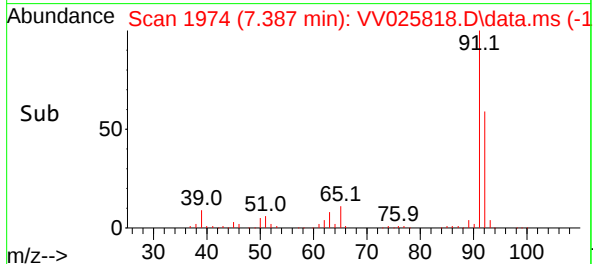
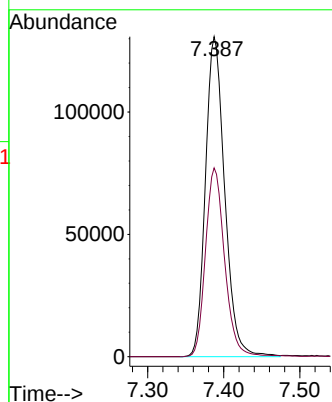
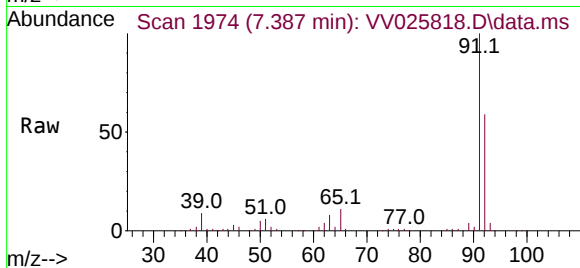
VSTD005283

Tgt Ion: 91 Resp: 230224

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.910 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV025818.D

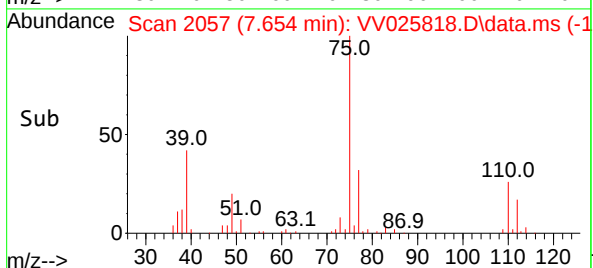
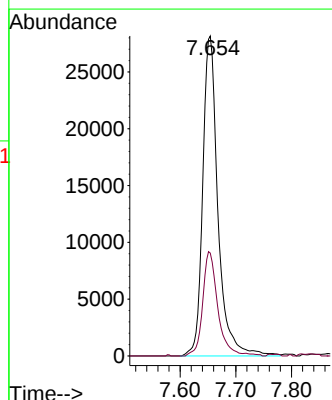
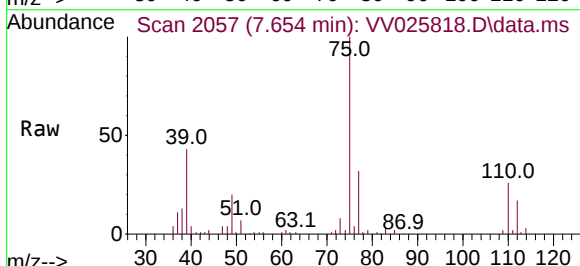
Acq: 04 May 2022 01:06

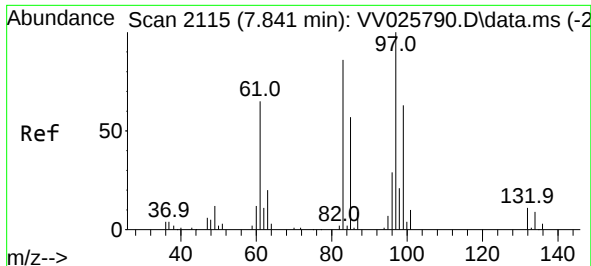
Tgt Ion: 75 Resp: 53645

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.405 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005283

Tgt Ion: 97 Resp: 38567

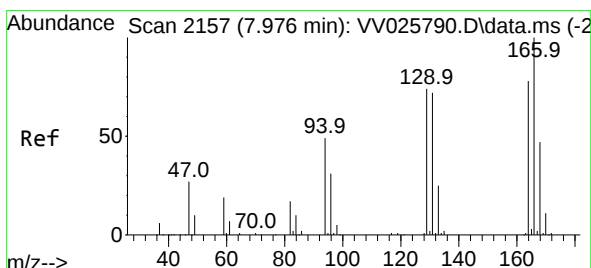
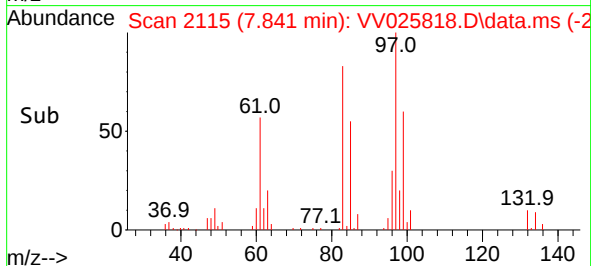
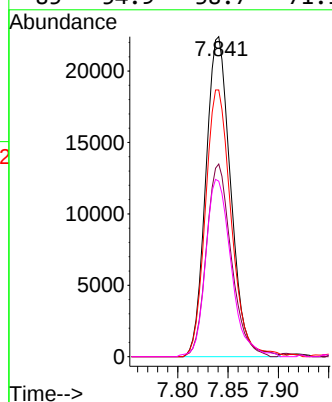
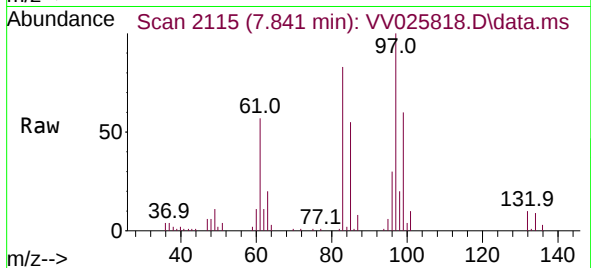
Ion Ratio Lower Upper

97 100

99 60.2 43.8 81.4

83 83.3 60.3 112.1

85 54.9 38.7 71.9



#47

Tetrachloroethene

Concen: 3.914 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Tgt Ion:164 Resp: 40461

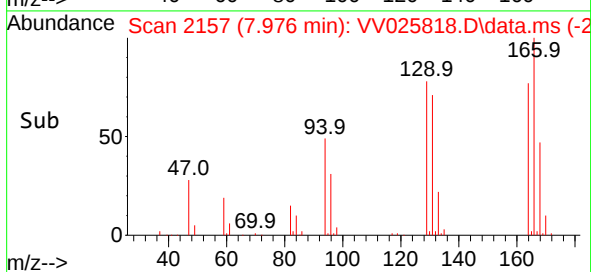
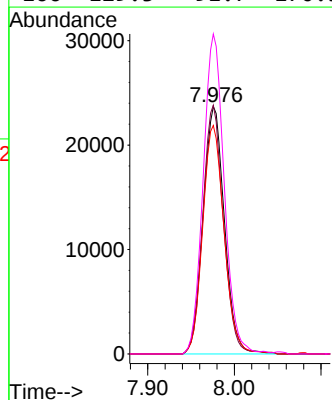
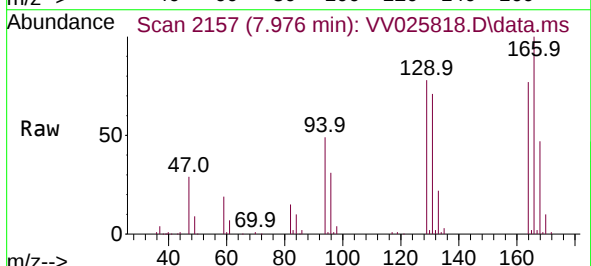
Ion Ratio Lower Upper

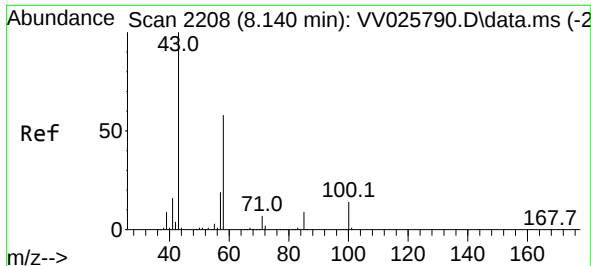
164 100

129 100.5 66.8 124.2

131 92.3 66.4 123.4

166 129.3 91.7 170.3



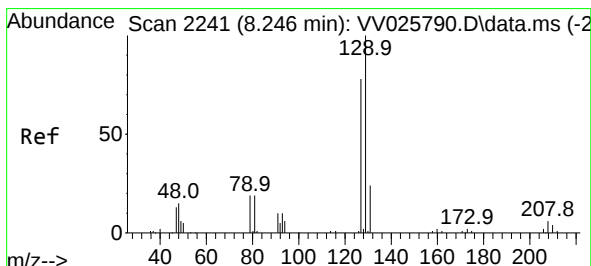
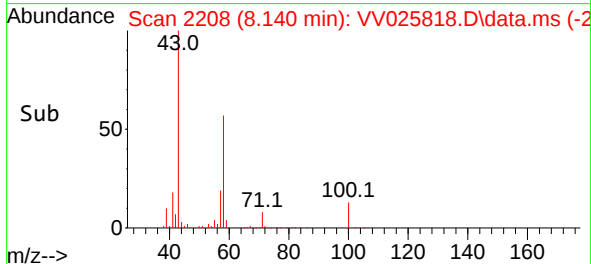
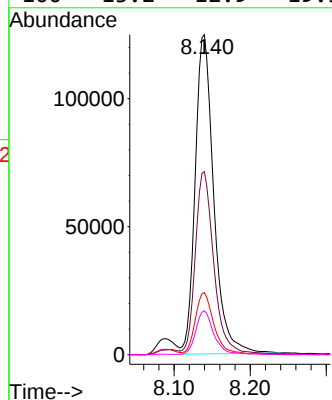
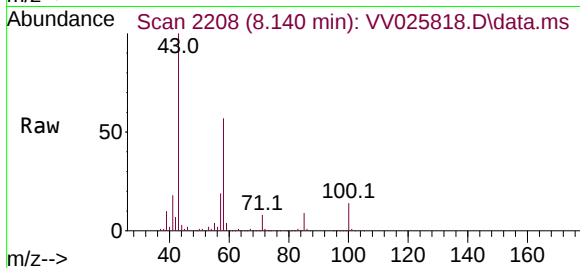


#48
2-Hexanone
Concen: 64.773 ug/L
RT: 8.140 min Scan# 212226
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

Tgt Ion: 43 Resp: 212226

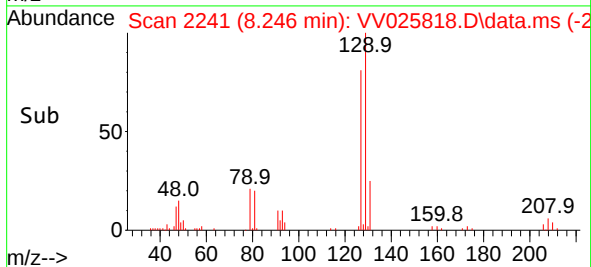
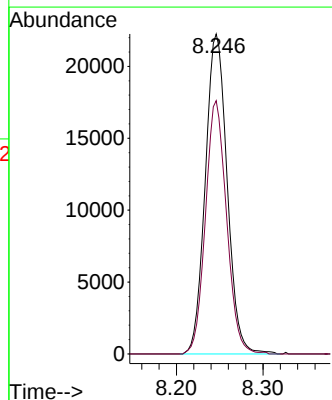
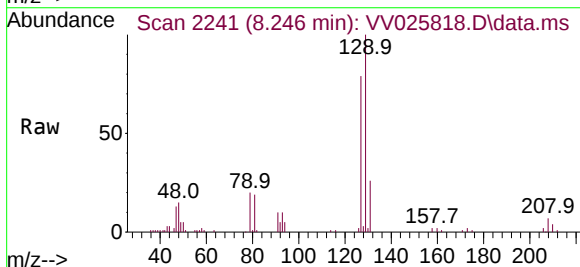
Ion	Ratio	Lower	Upper
43	100		
58	57.1	49.7	74.5
57	19.1	16.4	24.6
100	13.2	12.9	19.3

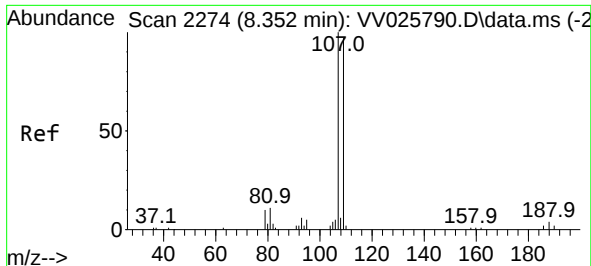


#49
Dibromochloromethane
Concen: 4.950 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 129 Resp: 38971

Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.569 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

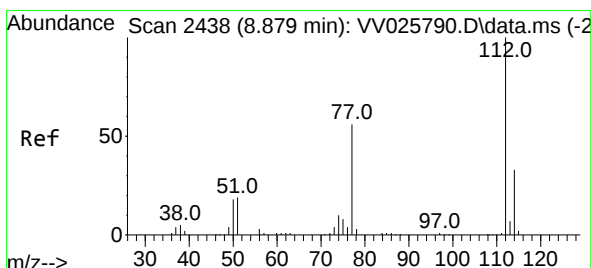
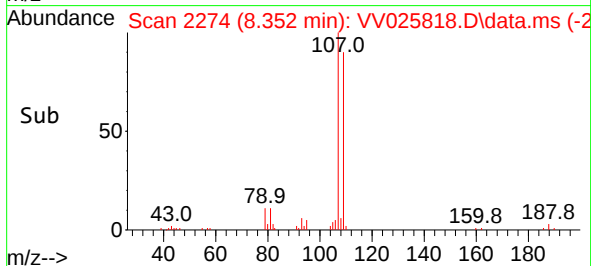
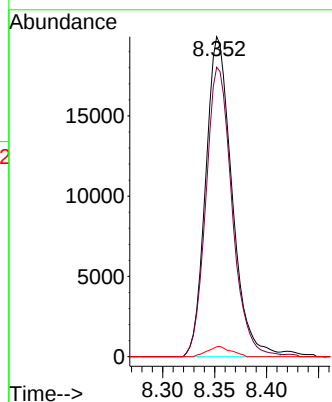
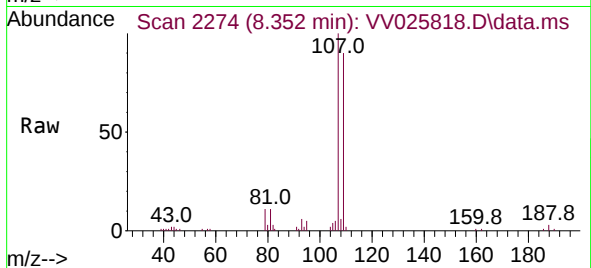
Instrument :

MSVOA_V

ClientSampleId :

VSTD005283

Tgt Ion:107	Resp:	35055
Ion Ratio	Lower	Upper
107	100	
109	90.4	65.9 122.3
188	3.1	2.7 4.1



#51

Chlorobenzene

Concen: 4.526 ug/L

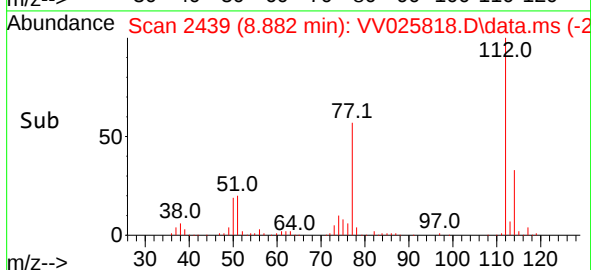
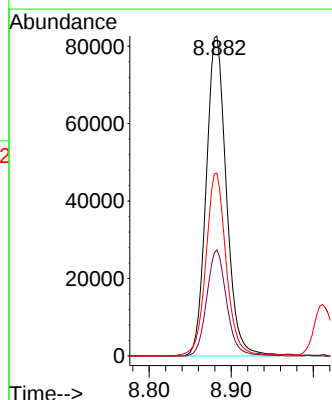
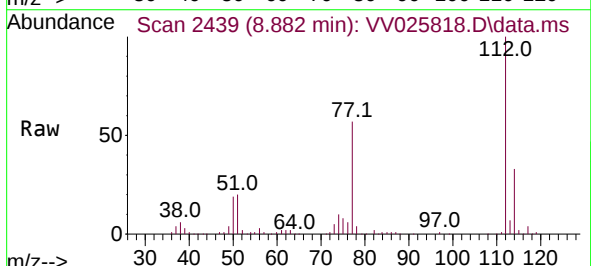
RT: 8.882 min Scan# 2439

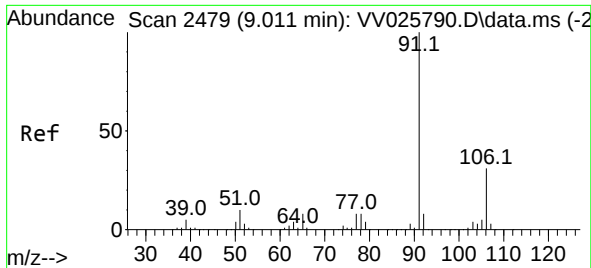
Delta R.T. 0.003 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Tgt Ion:112	Resp:	140732
Ion Ratio	Lower	Upper
112	100	
114	33.1	22.4 41.6
77	57.1	43.7 65.5

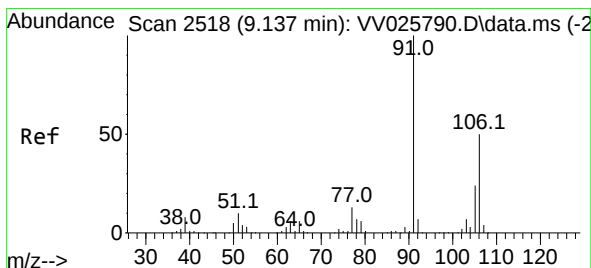
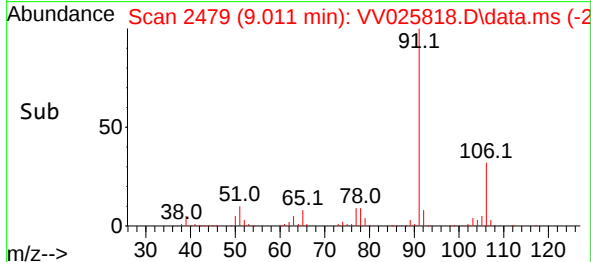
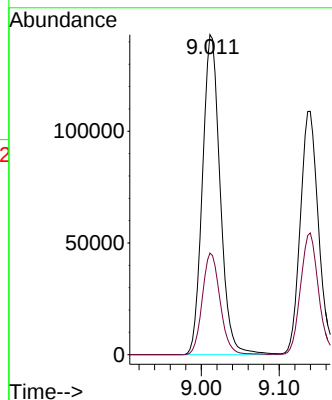
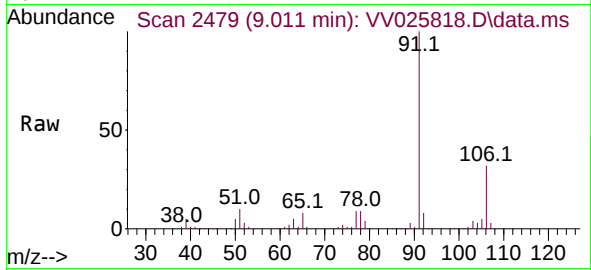




#52
Ethylbenzene
Concen: 4.467 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

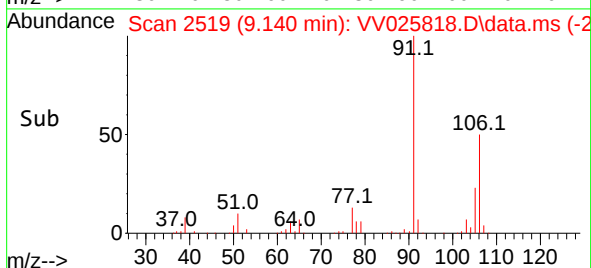
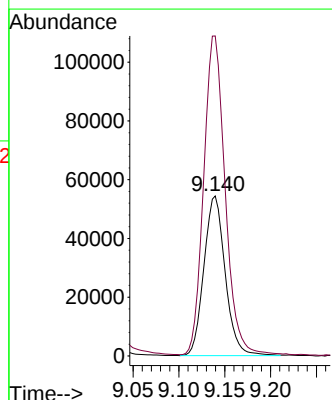
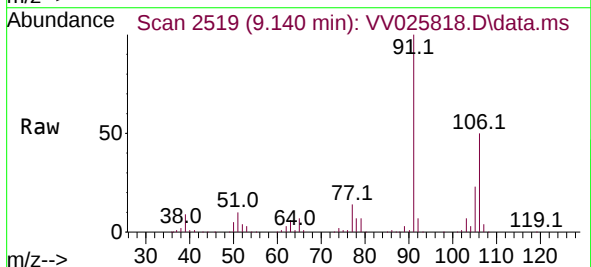
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

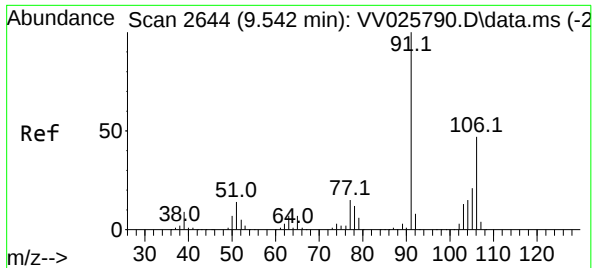
Tgt Ion: 91 Resp: 226234
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 4.403 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 106 Resp: 87611
Ion Ratio Lower Upper
106 100
91 199.9 136.4 253.4

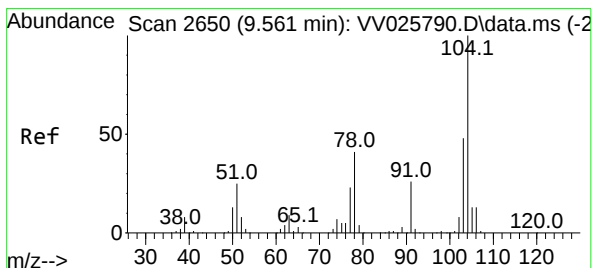
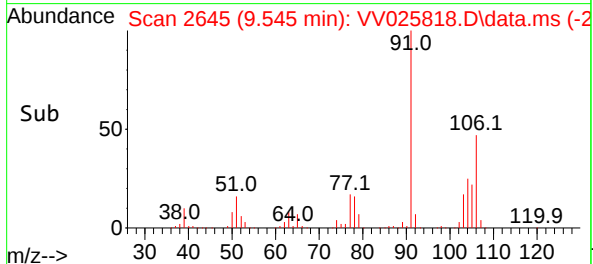
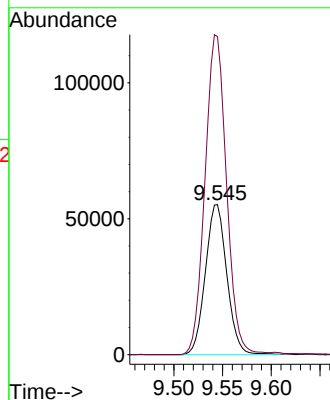
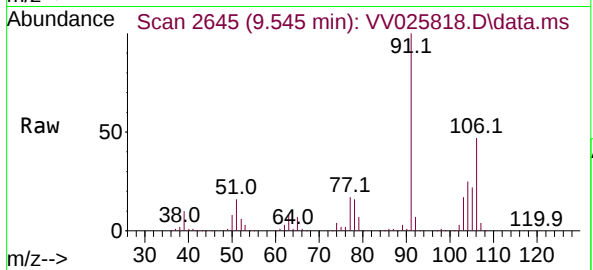




#54
o-Xylene
Concen: 4.488 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

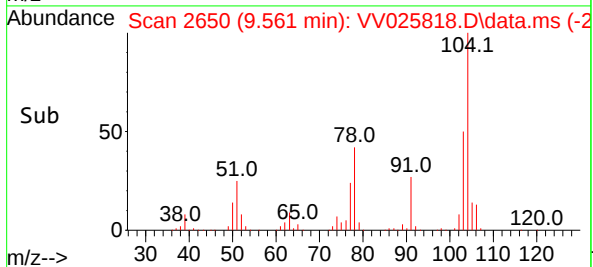
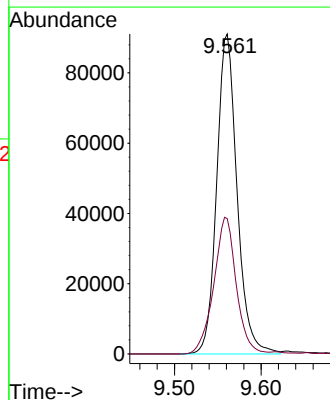
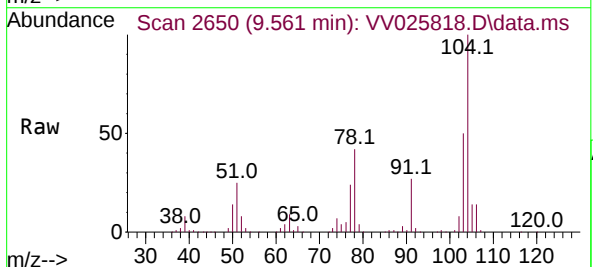
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

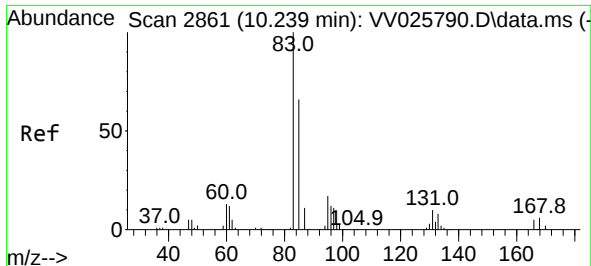
Tgt Ion:106 Resp: 84704
Ion Ratio Lower Upper
106 100
91 211.8 150.4 279.2



#55
Styrene
Concen: 4.771 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion:104 Resp: 148703
Ion Ratio Lower Upper
104 100
78 42.3 28.3 52.7



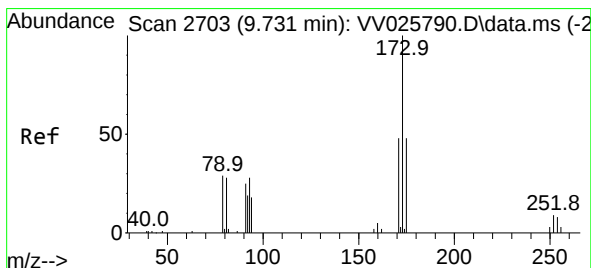
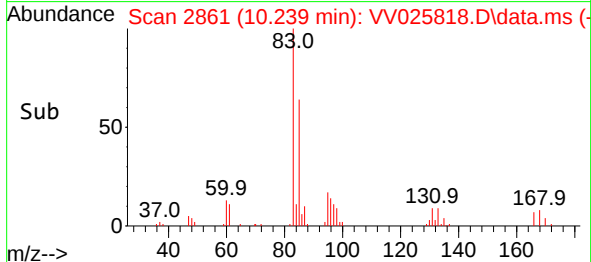
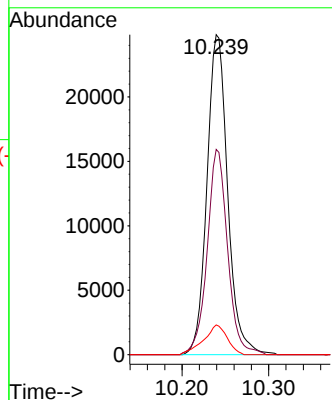
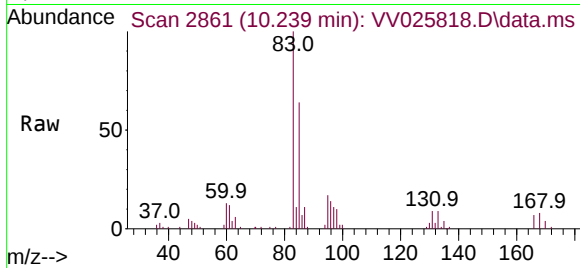


#57
1,1,2,2-Tetrachloroethane
Concen: 5.433 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

Tgt Ion: 83 Resp: 41277

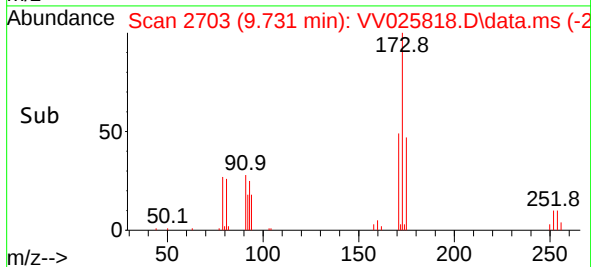
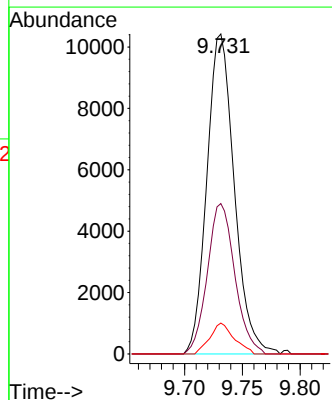
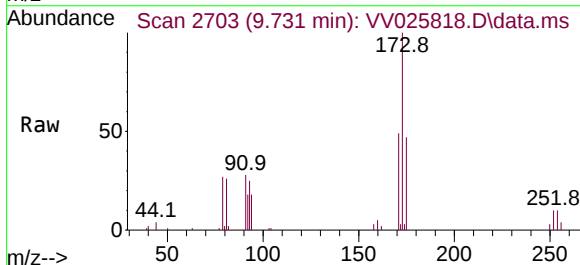
Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.1	83.9
131	9.3	7.9	11.9

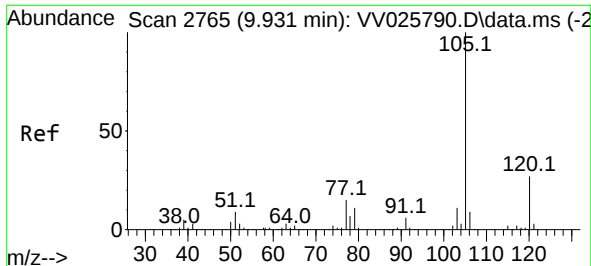


#59
Bromoform
Concen: 4.883 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 173 Resp: 17193

Ion	Ratio	Lower	Upper
173	100		
175	47.1	40.8	61.2
254	8.5	7.0	10.6

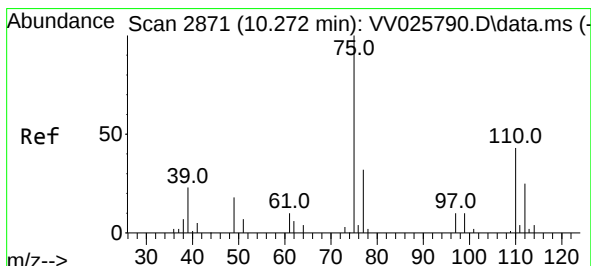
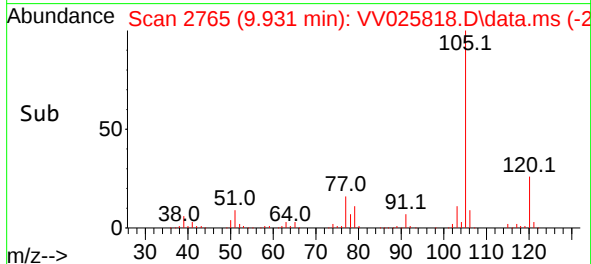
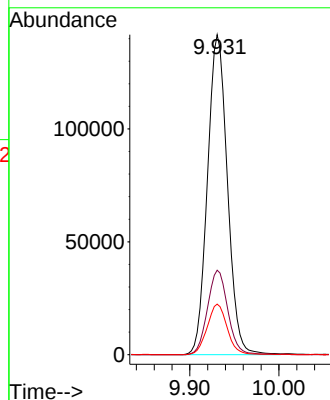
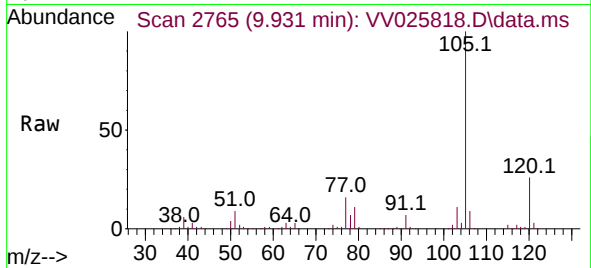




#60
Isopropylbenzene
Concen: 4.369 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

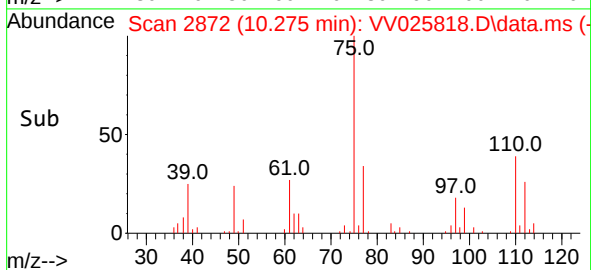
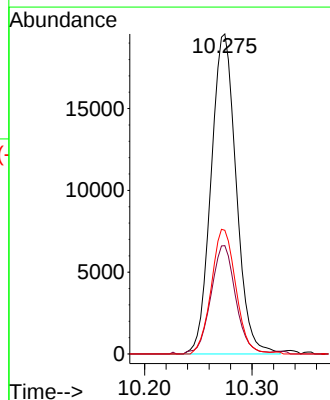
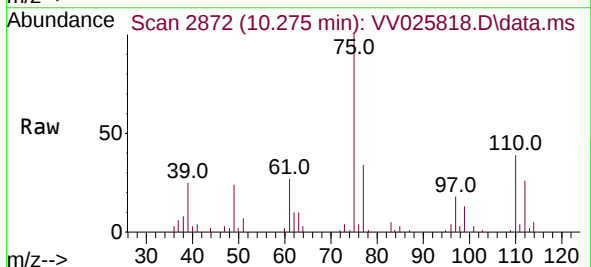
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

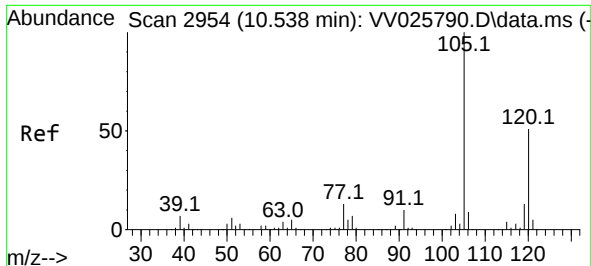
Tgt Ion:105 Resp: 220163
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.297 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion: 75 Resp: 31741
Ion Ratio Lower Upper
75 100
77 33.4 25.6 38.4
110 38.0 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.254 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

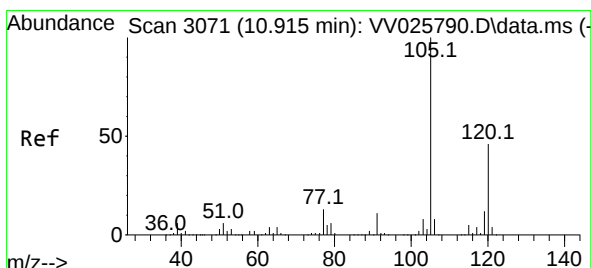
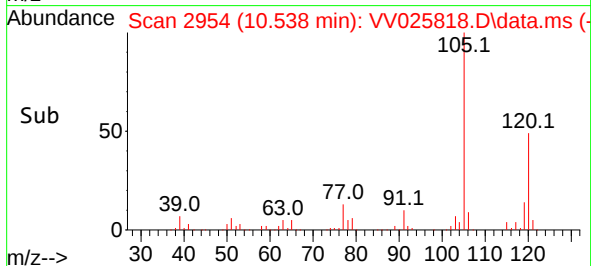
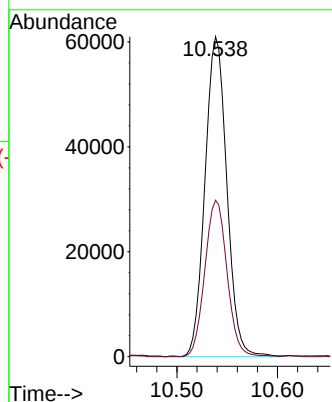
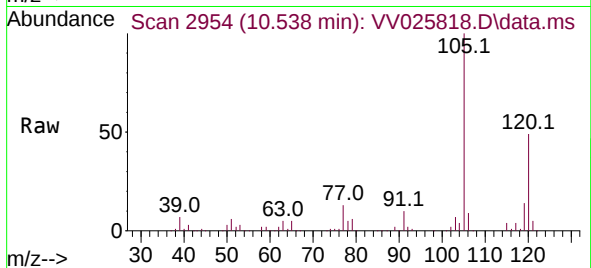
VSTD005283

Tgt Ion:105 Resp: 92135

Ion Ratio Lower Upper

105 100

120 49.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.309 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV025818.D

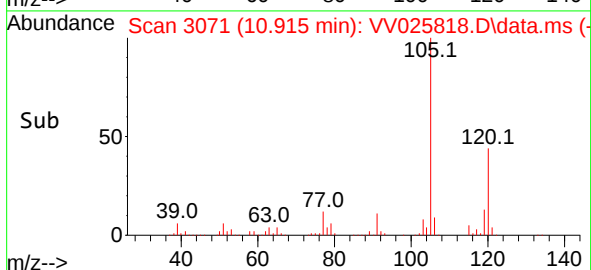
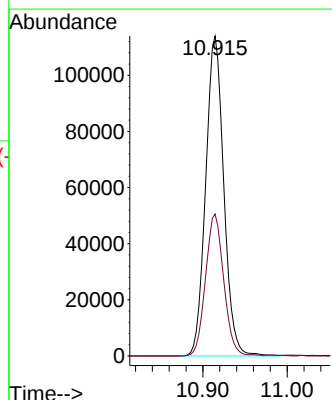
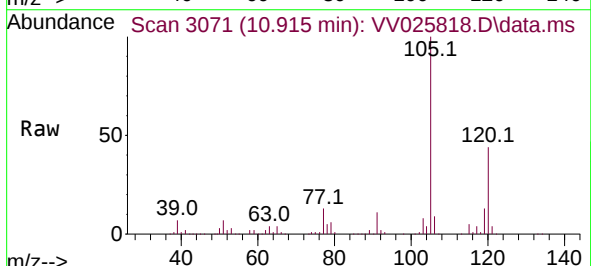
Acq: 04 May 2022 01:06

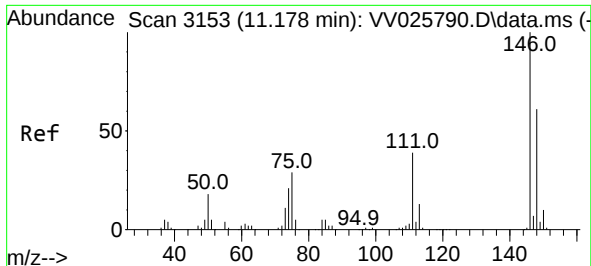
Tgt Ion:105 Resp: 170559

Ion Ratio Lower Upper

105 100

120 44.6 36.6 55.0

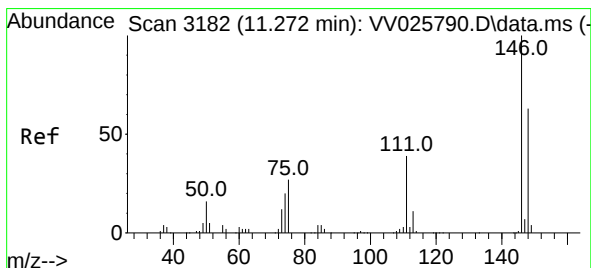
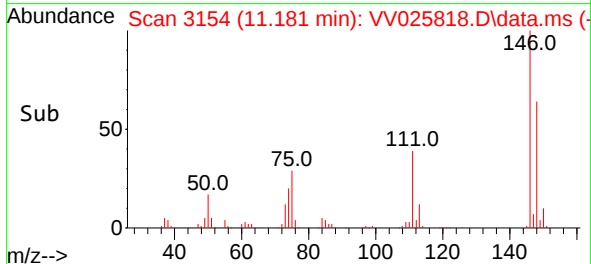
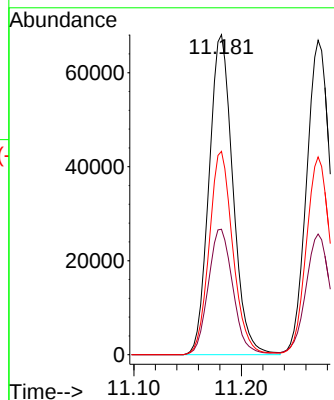
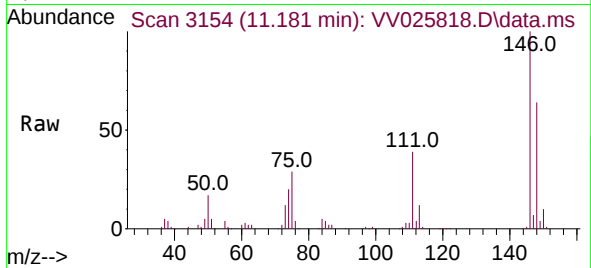




#64
1,3-Dichlorobenzene
Concen: 4.527 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

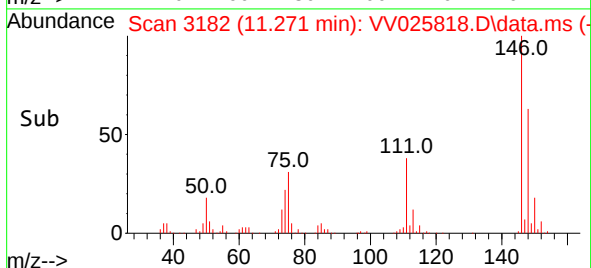
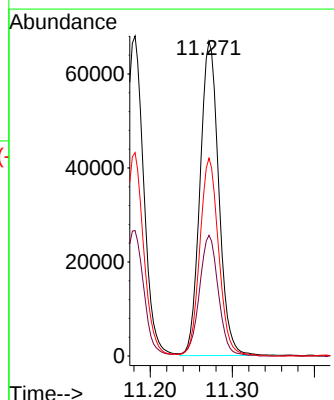
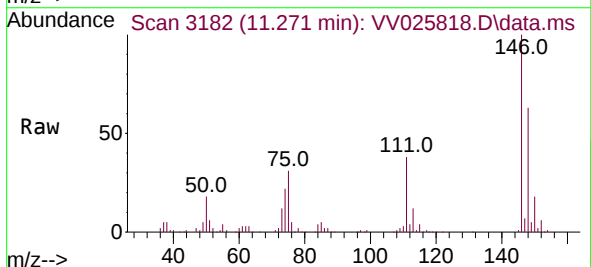
Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

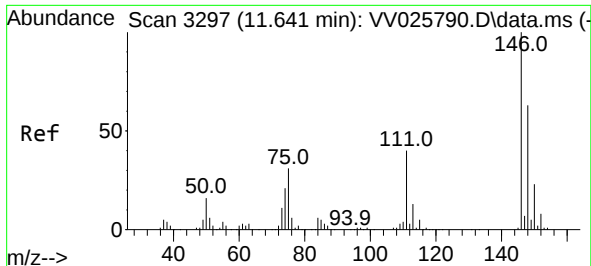
Tgt Ion:146 Resp: 104968
Ion Ratio Lower Upper
146 100
111 39.2 27.4 50.8
148 63.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.482 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion:146 Resp: 106104
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 62.9 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.671 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005283

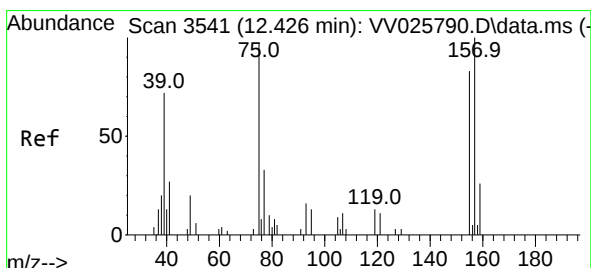
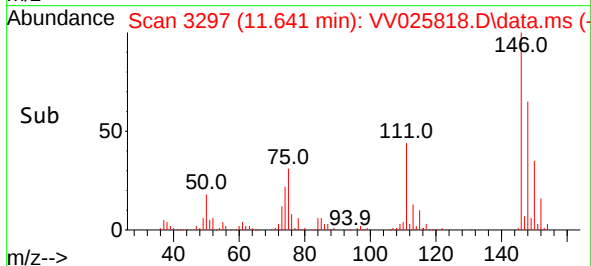
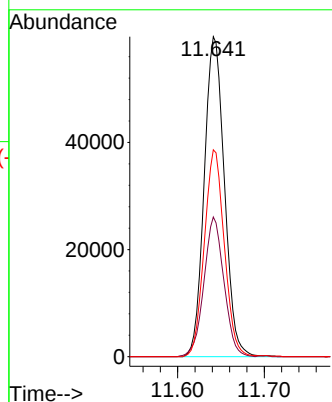
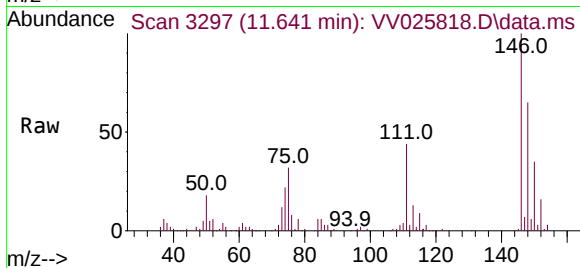
Tgt Ion:146 Resp: 96696

Ion Ratio Lower Upper

146 100

111 43.6 33.6 50.4

148 64.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.256 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025818.D

Acq: 04 May 2022 01:06

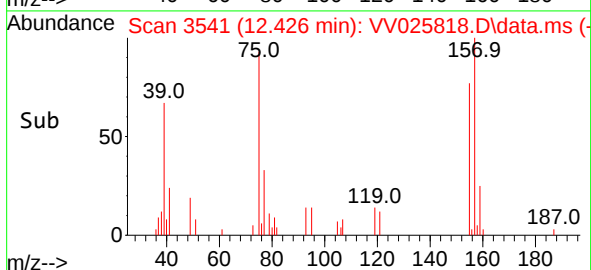
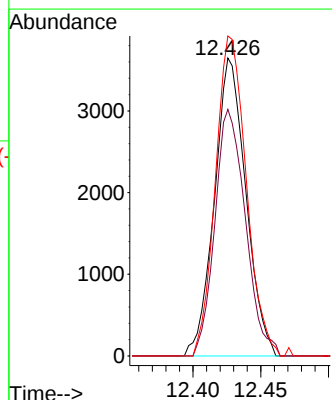
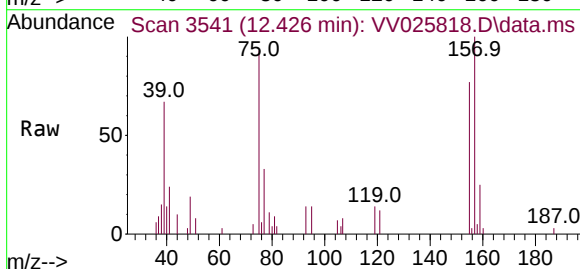
Tgt Ion: 75 Resp: 5876

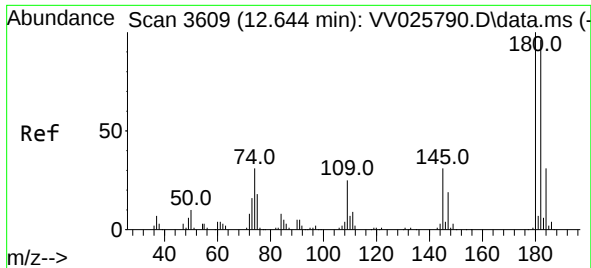
Ion Ratio Lower Upper

75 100

155 82.8 65.8 98.8

157 107.4 86.6 130.0

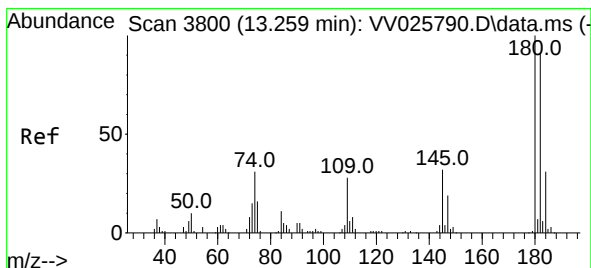
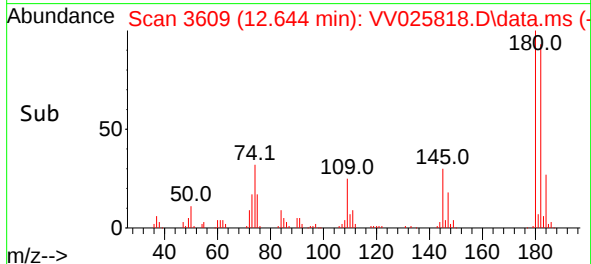
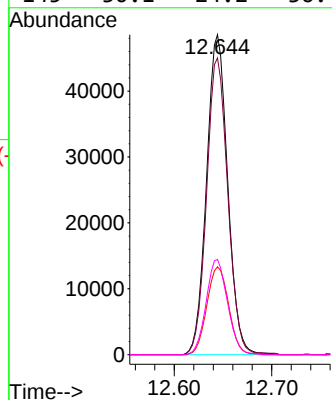
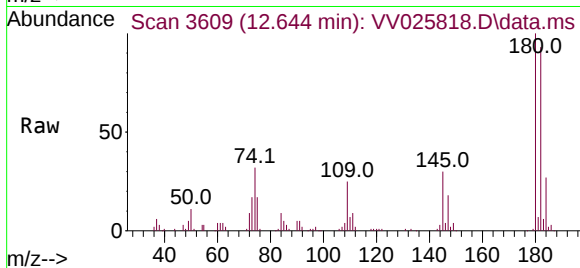




#69
 1,3,5-Trichlorobenzene
 Concen: 4.206 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

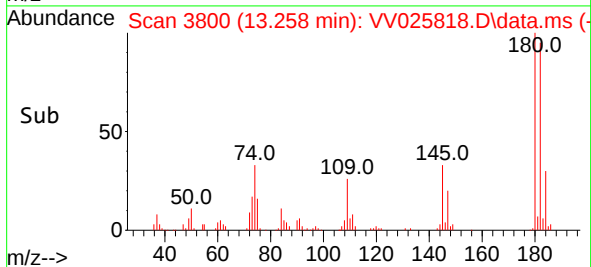
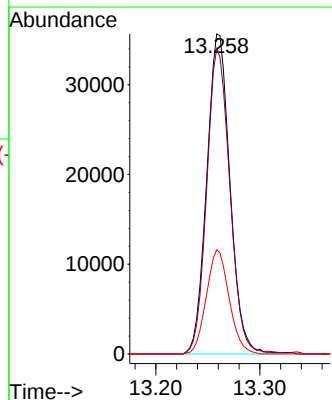
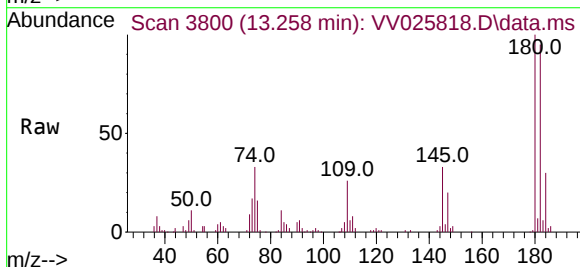
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

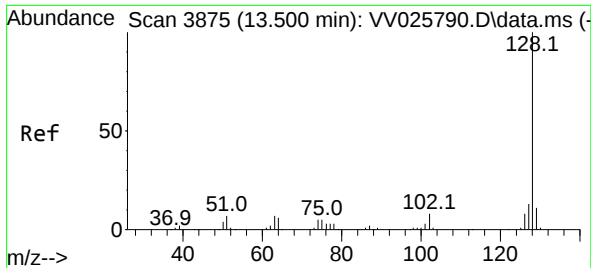
Tgt Ion:180	Resp:	73197
Ion Ratio	Lower	Upper
180	100	
182	92.8	75.3 112.9
184	28.4	23.4 35.2
145	30.1	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.261 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025818.D
 Acq: 04 May 2022 01:06

Tgt Ion:180	Resp:	55365
Ion Ratio	Lower	Upper
180	100	
182	94.8	76.6 114.8
145	31.9	24.6 36.8

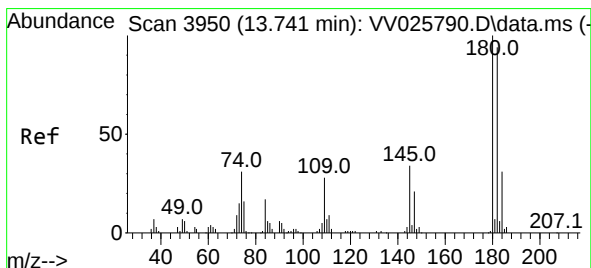
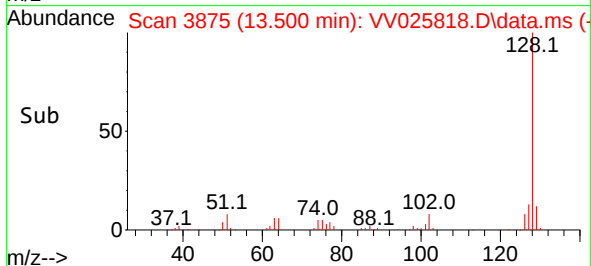
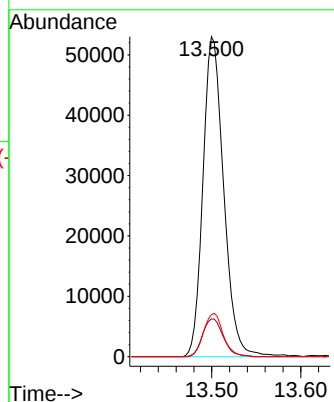
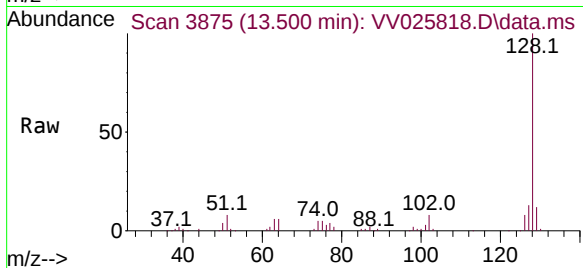




#71
Naphthalene
Concen: 4.644 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005283

Tgt Ion:128	Resp:	85681
Ion Ratio	Lower	Upper
128	100	
129	11.7	8.8 13.2
127	12.9	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.653 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025818.D
Acq: 04 May 2022 01:06

Tgt Ion:180	Resp:	49273
Ion Ratio	Lower	Upper
180	100	
182	96.4	77.7 116.5
145	33.3	27.4 41.2

