

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025018.D
 Acq On : 15 Mar 2022 23:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Mar 16 03:43:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:30:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158863	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59938	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	45164	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	101357	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.889	46	92972	61.337	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.680%
24) Chloroform-d	4.349	84	104713	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.034	65	44415	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	215327	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	61551	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	195854	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.622	79	21648	4.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.088	63	77669	52.194	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38273	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	61567	5.064	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69410	4.945	ug/L	99
3) Chloromethane	1.240	50	63639	4.807	ug/L	100
5) Vinyl chloride	1.310	62	70710	5.063	ug/L	100
6) Bromomethane	1.523	94	44996	4.985	ug/L	99
8) Chloroethane	1.584	64	41267	4.873	ug/L	100
9) Trichlorofluoromethane	1.754	101	96384	5.074	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	53661	5.209	ug/L	99
12) 1,1-Dichloroethene	2.117	96	51193	5.058	ug/L	93
13) Acetone	2.182	43	57188	56.414	ug/L	78
14) Carbon disulfide	2.294	76	178434	4.928	ug/L	100
15) Methyl Acetate	2.439	43	16981	6.114	ug/L	93
16) Methylene chloride	2.506	84	61186	4.989	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	112490	5.103	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	61342	5.037	ug/L	98
19) 1,1-Dichloroethane	3.191	63	106552	5.140	ug/L	98
21) 2-Butanone	3.973	43	95584	59.741	ug/L	81
22) cis-1,2-Dichloroethene	3.912	96	63814	5.190	ug/L	93
23) Bromochloromethane	4.249	128	25905	5.344	ug/L	96
25) Chloroform	4.378	83	111358	5.160	ug/L	98

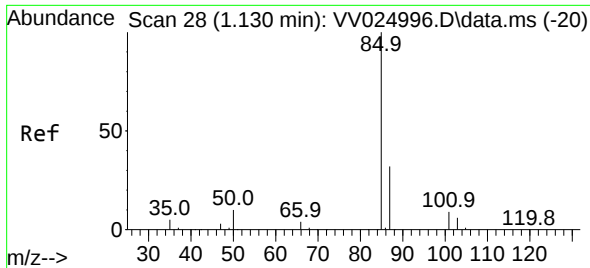
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 Data File : VW025018.D
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 Operator : SY/MD
 Sample : VSTDCCC005
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 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Mar 16 03:43:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:30:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55579	5.179	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	96325	5.035	ug/L	98
30) Cyclohexane	4.677	56	91783	4.931	ug/L	100
31) Carbon tetrachloride	4.828	117	84466	5.146	ug/L	99
33) Benzene	5.098	78	248179	5.086	ug/L	100
34) Trichloroethene	5.915	95	66346	5.106	ug/L	99
35) Methylcyclohexane	6.130	83	99752	4.850	ug/L	98
37) 1,2-Dichloropropane	6.172	63	57741	5.149	ug/L	100
38) Bromodichloromethane	6.510	83	71242	5.024	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	77360	4.969	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	240594	52.142	ug/L	98
42) Toluene	7.387	91	264862	5.187	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	61281	5.002	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	38174	5.097	ug/L	97
47) Tetrachloroethene	7.976	164	45360	4.963	ug/L	98
48) 2-Hexanone	8.140	43	168246	51.432	ug/L	98
49) Dibromochloromethane	8.246	129	41862	4.993	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35398	5.164	ug/L	100
51) Chlorobenzene	8.879	112	162373	5.078	ug/L	99
52) Ethylbenzene	9.011	91	280508	5.192	ug/L	100
53) m,p-xylene	9.136	106	106566	5.122	ug/L	99
54) o-xylene	9.542	106	101903	5.122	ug/L	98
55) Styrene	9.558	104	174231	5.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	39848	5.427	ug/L	96
59) Bromoform	9.731	173	18655	4.823	ug/L	99
60) Isopropylbenzene	9.931	105	275309	5.083	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30305	5.018	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	124690	5.074	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	225052	5.171	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118967	5.064	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	120849	5.103	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	106980	5.139	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5071	4.898	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	83920	5.057	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	64947	5.023	ug/L	98
71) Naphthalene	13.500	128	110230	5.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56156	5.126	ug/L	99

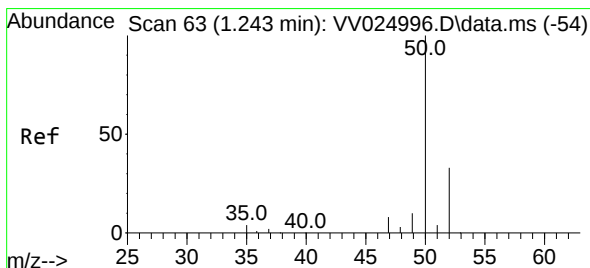
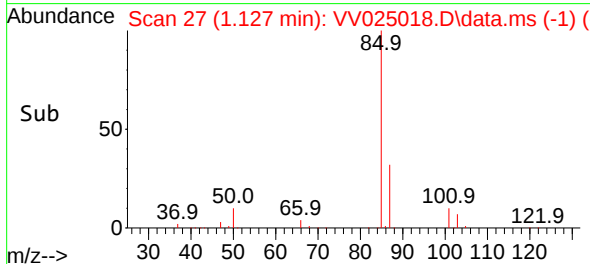
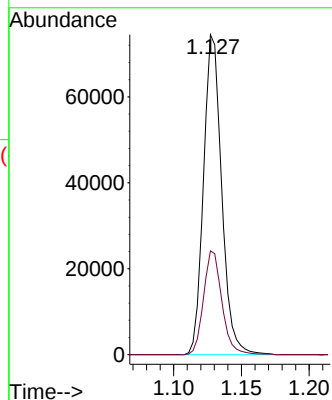
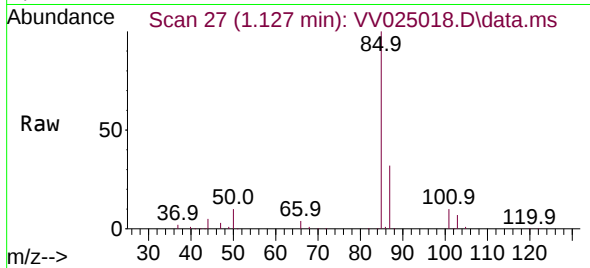
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.945 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

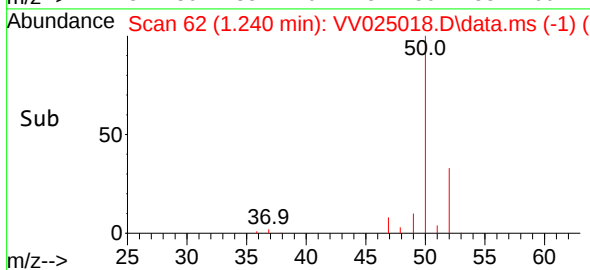
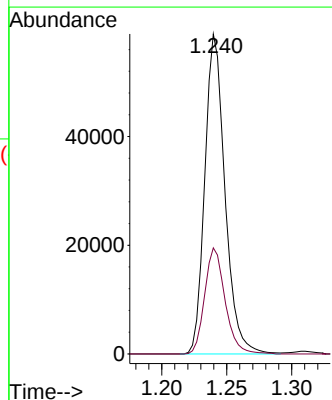
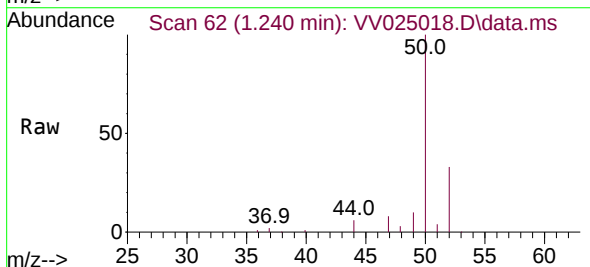
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 MSVOA_V
 ClientSampleId :
 VSTD005331

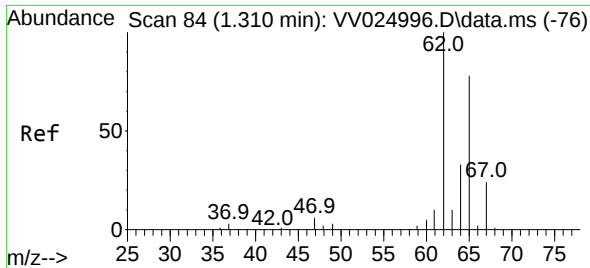
Tgt Ion: 85 Resp: 69410
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.7 40.1



#3
 Chloromethane
 Concen: 4.807 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Tgt Ion: 50 Resp: 63639
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.2

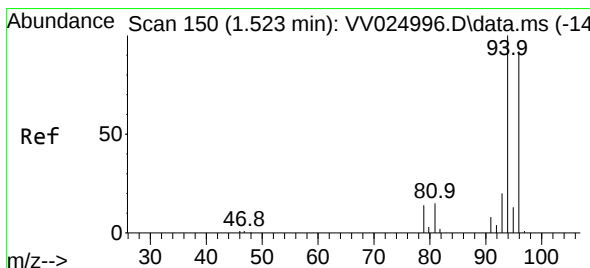
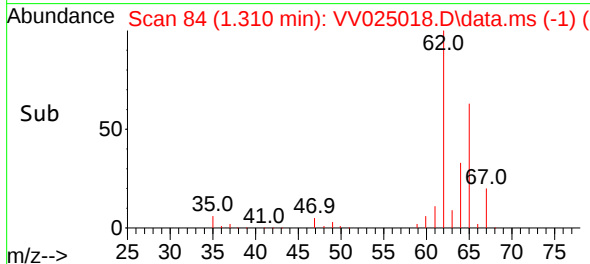
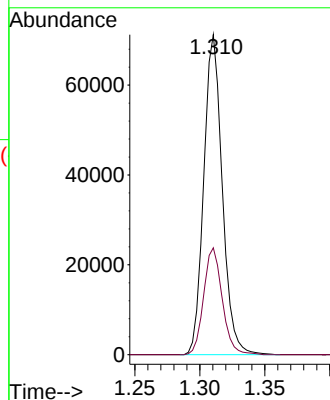
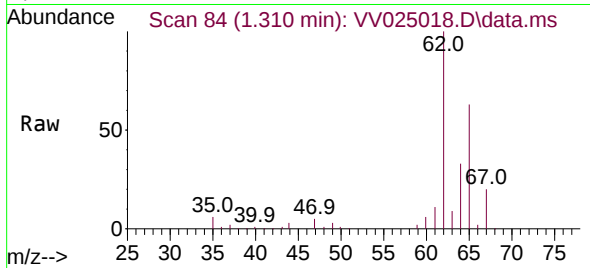




#5
 Vinyl chloride
 Concen: 5.063 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

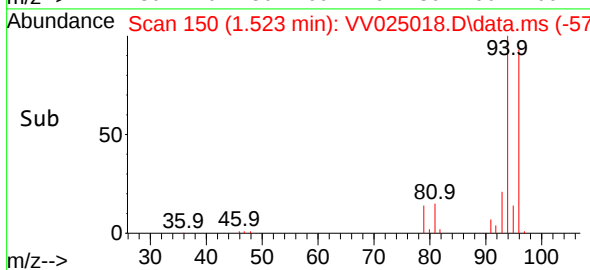
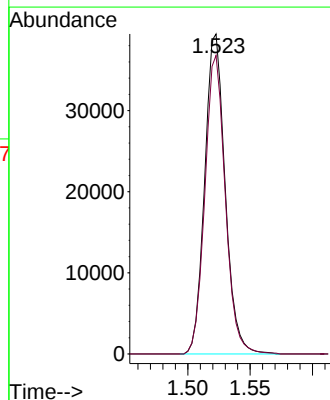
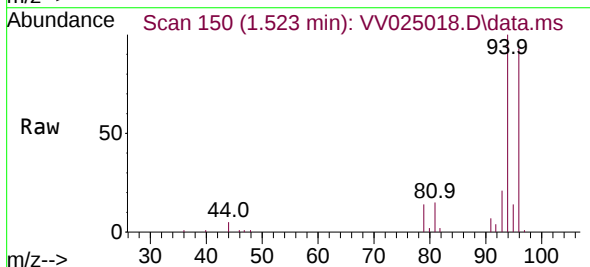
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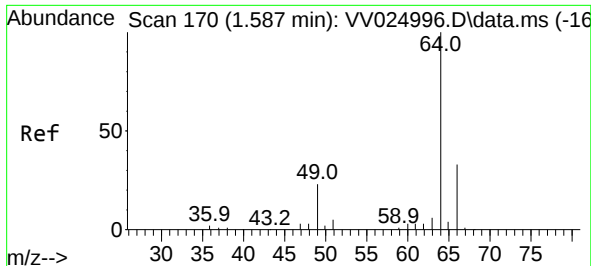
Tgt Ion: 62 Resp: 70710
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 4.985 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Tgt Ion: 94 Resp: 44996
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.9 120.5

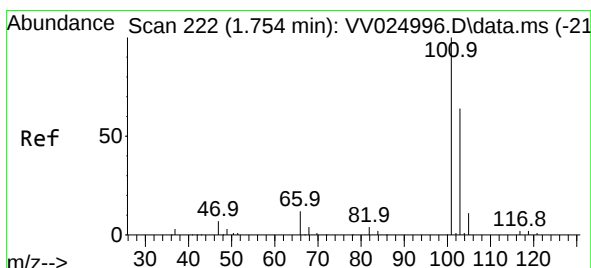
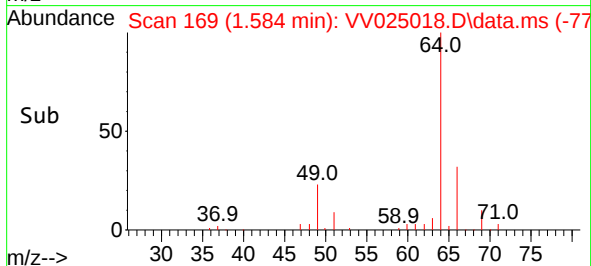
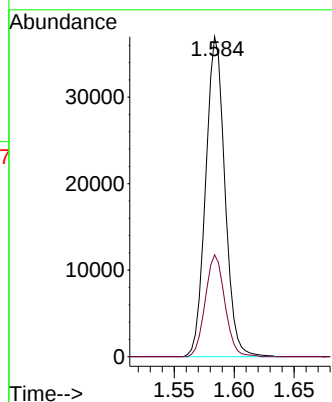
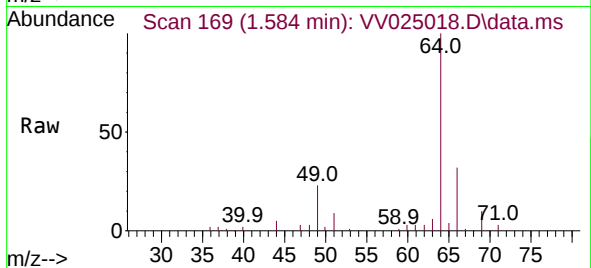




#8
Chloroethane
Concen: 4.873 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

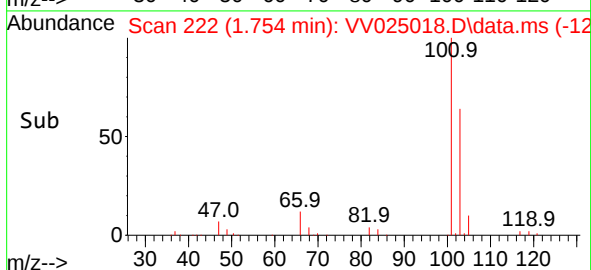
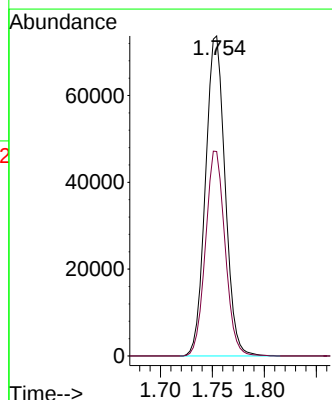
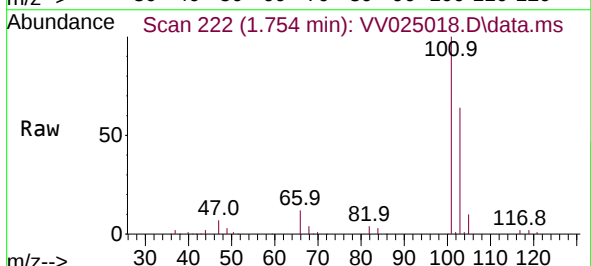
Instrument :
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ClientSampleId :
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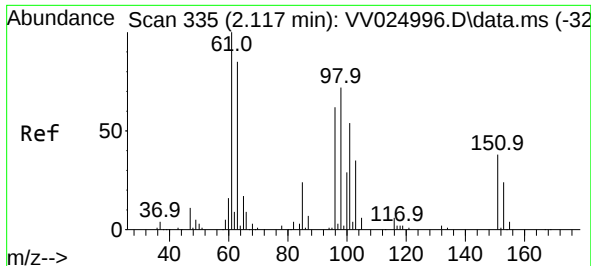
Tgt Ion: 64 Resp: 41267
Ion Ratio Lower Upper
64 100
66 31.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.074 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 101 Resp: 96384
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

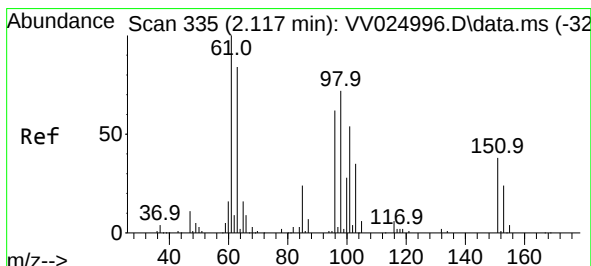
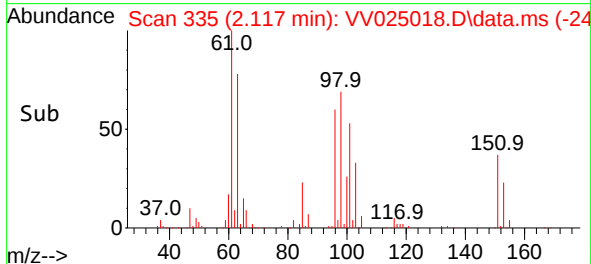
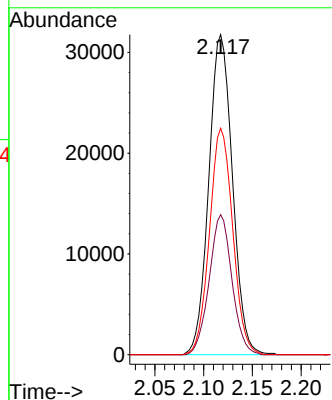
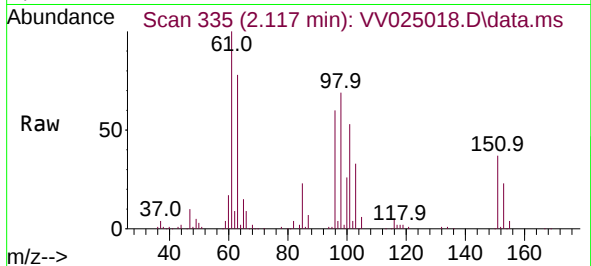




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.209 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

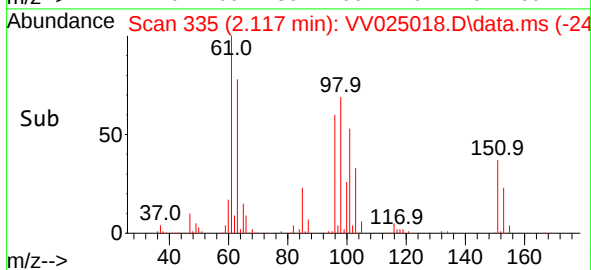
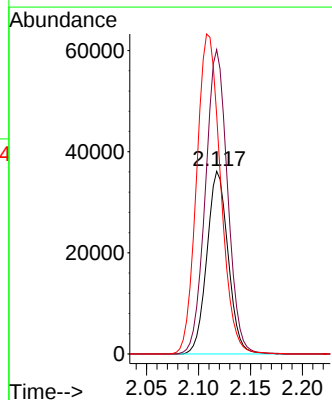
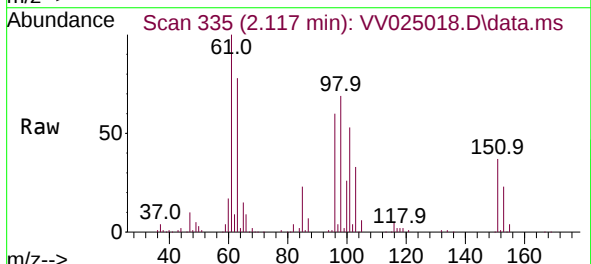
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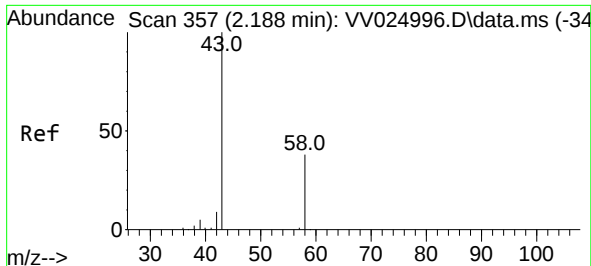
Tgt Ion:101 Resp: 53661
 Ion Ratio Lower Upper
 101 100
 85 42.1 34.8 52.2
 151 69.6 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.058 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Tgt Ion: 96 Resp: 51193
 Ion Ratio Lower Upper
 96 100
 61 166.6 113.0 209.9
 63 130.7 82.1 152.5





#13

Acetone

Concen: 56.414 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

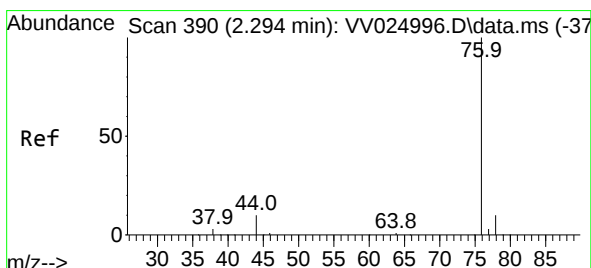
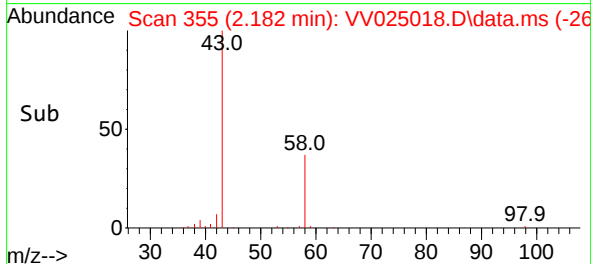
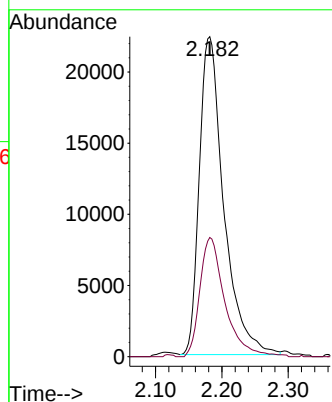
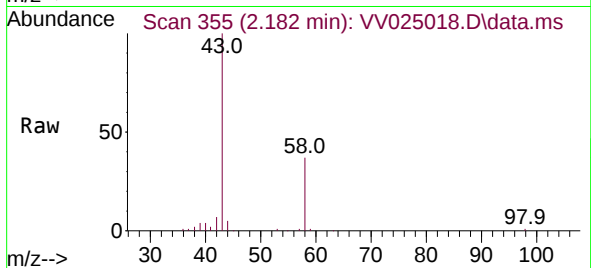
VSTD005331

Tgt Ion: 43 Resp: 57188

Ion Ratio Lower Upper

43 100

58 38.4 0.0 54.2



#14

Carbon disulfide

Concen: 4.928 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025018.D

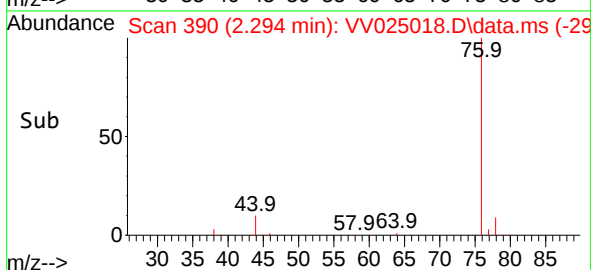
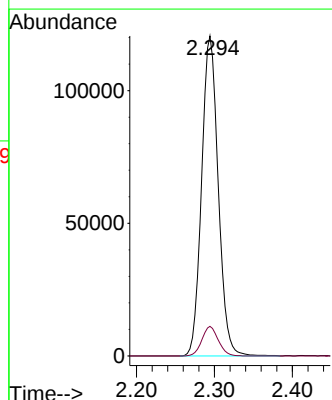
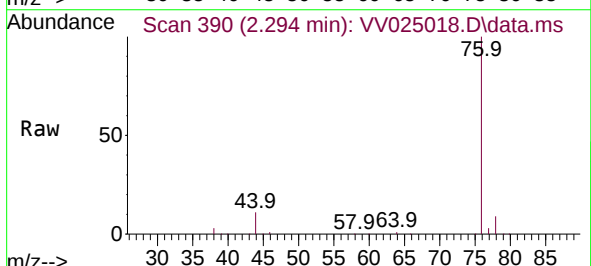
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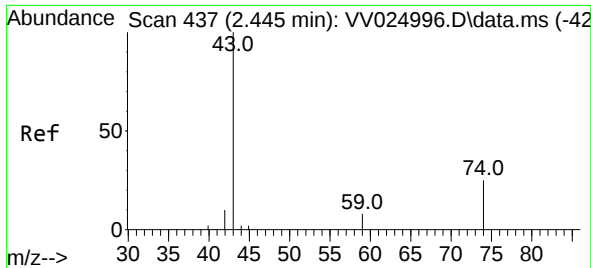
Tgt Ion: 76 Resp: 178434

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 6.114 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

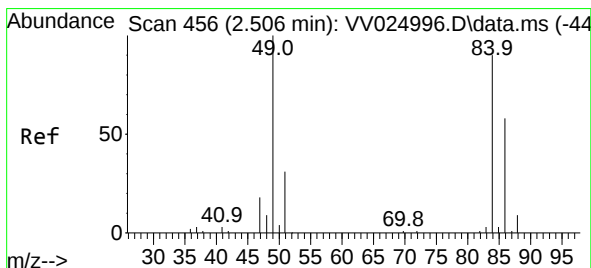
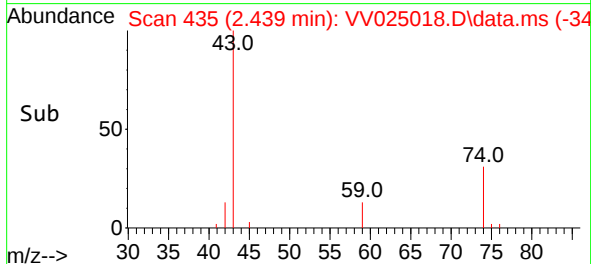
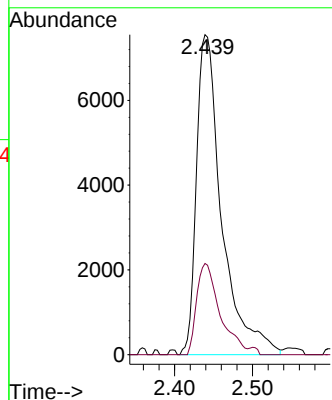
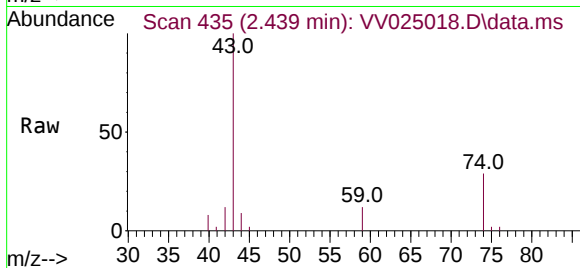
VSTD005331

Tgt Ion: 43 Resp: 16981

Ion Ratio Lower Upper

43 100

74 26.3 24.2 36.4



#16

Methylene chloride

Concen: 4.989 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

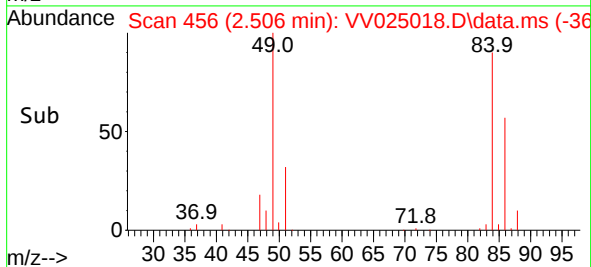
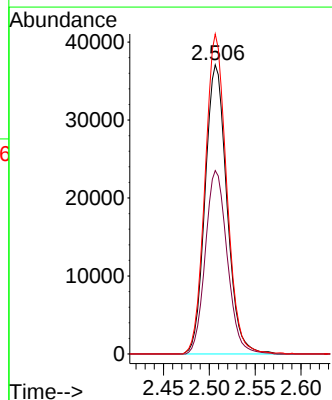
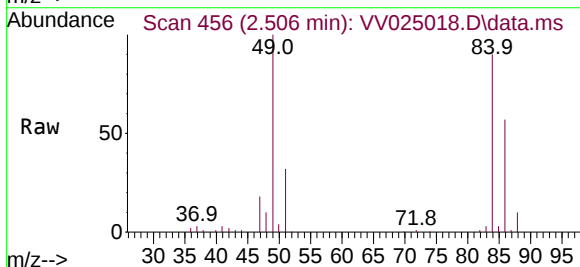
Tgt Ion: 84 Resp: 61186

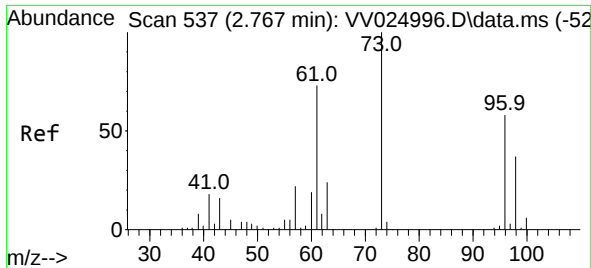
Ion Ratio Lower Upper

84 100

86 63.4 45.5 84.5

49 110.7 75.0 139.2

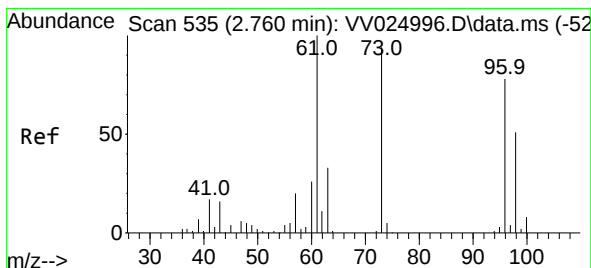
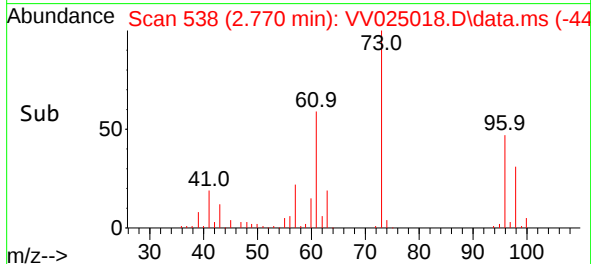
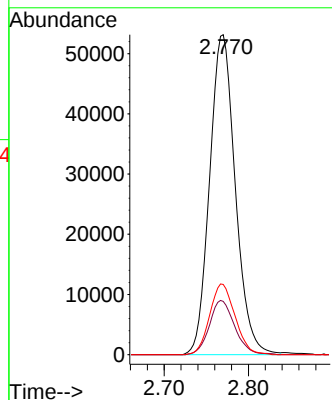
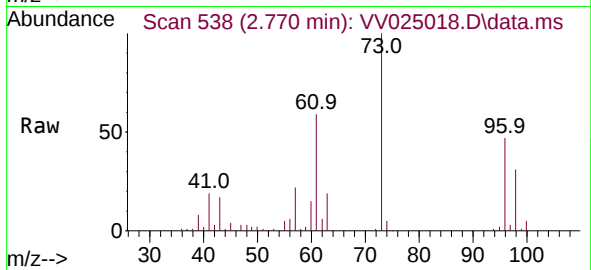




#17
Methyl tert-butyl Ether
Concen: 5.103 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

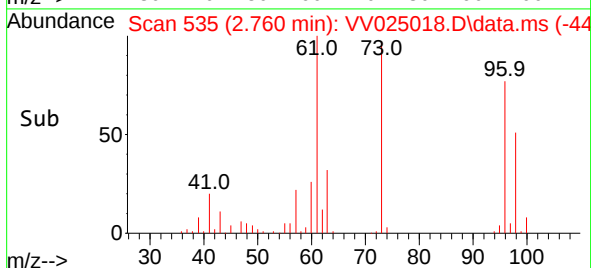
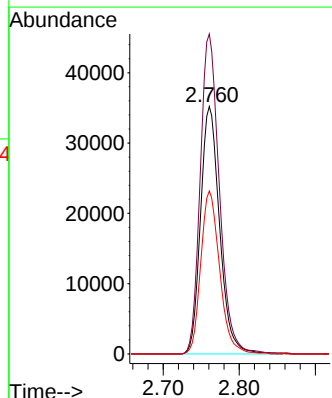
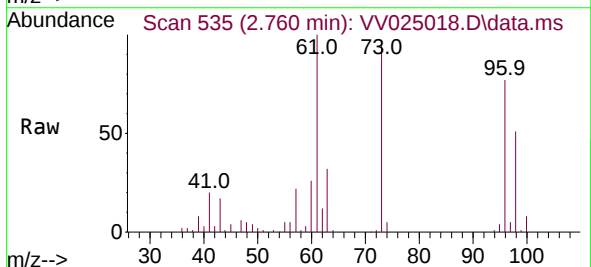
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

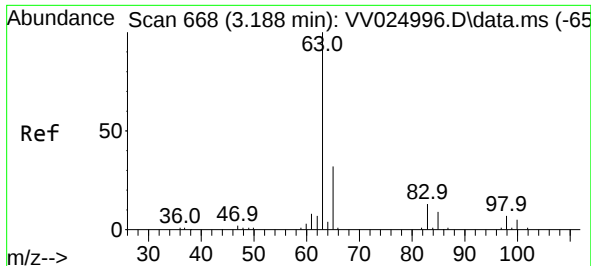
Tgt Ion: 73 Resp: 112490
Ion Ratio Lower Upper
73 100
43 16.7 13.2 19.8
57 21.9 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.037 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 96 Resp: 61342
Ion Ratio Lower Upper
96 100
61 129.3 89.2 165.6
98 65.9 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.140 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005331

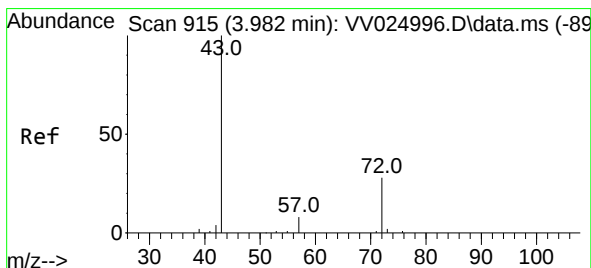
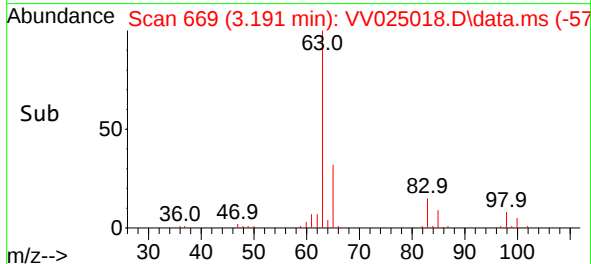
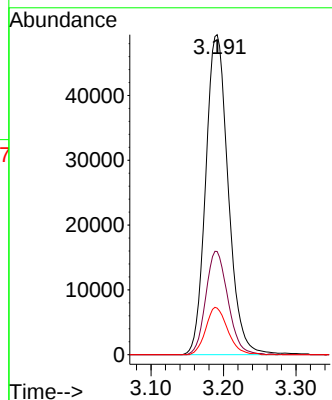
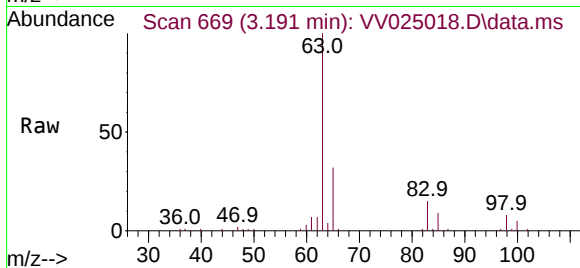
Tgt Ion: 63 Resp: 106552

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.5 9.4 17.4



#21

2-Butanone

Concen: 59.741 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.010 min

Lab File: VV025018.D

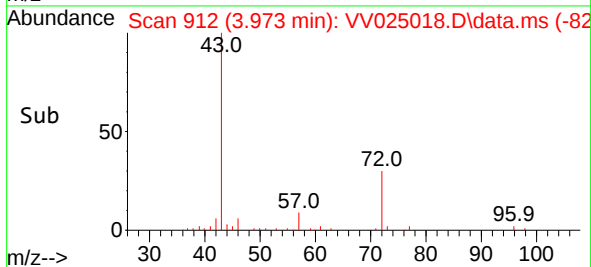
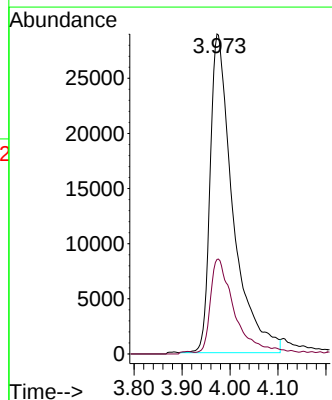
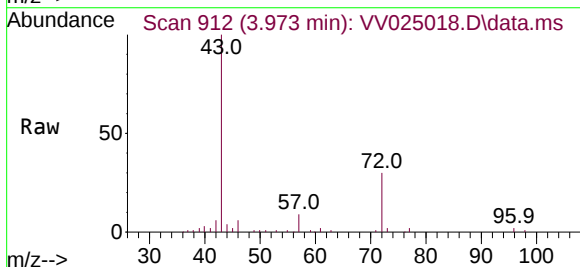
Acq: 15 Mar 2022 23:37

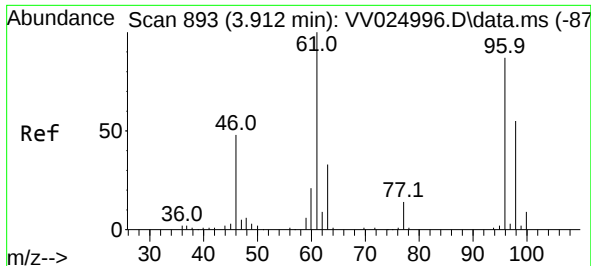
Tgt Ion: 43 Resp: 95584

Ion Ratio Lower Upper

43 100

72 29.6 10.4 31.2

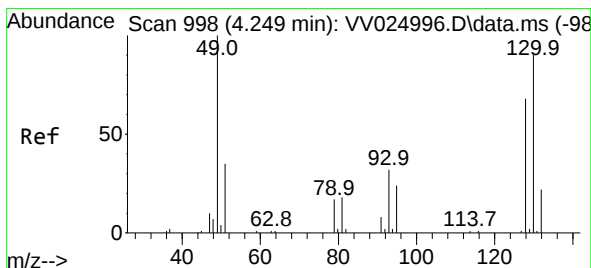
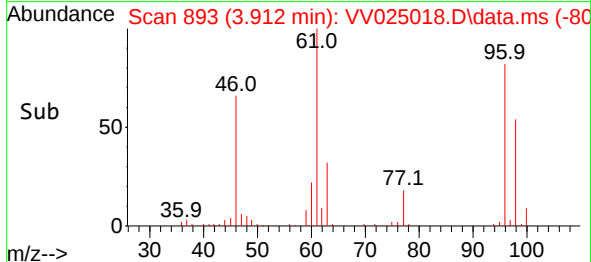
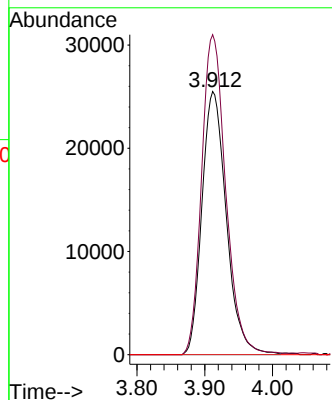
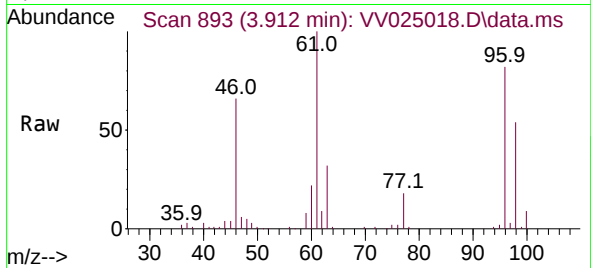




#22
 cis-1,2-Dichloroethene
 Concen: 5.190 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

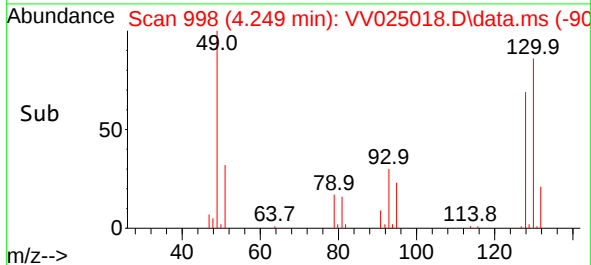
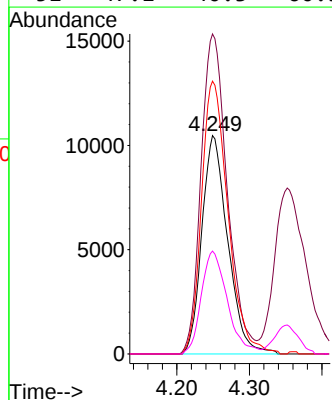
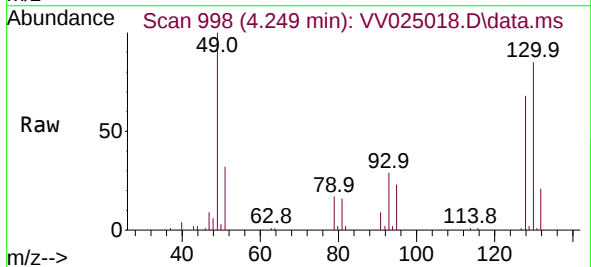
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

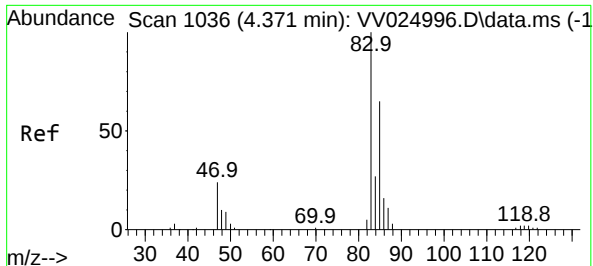
Tgt Ion: 96 Resp: 63814
 Ion Ratio Lower Upper
 96 100
 61 121.5 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.344 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Tgt Ion:128 Resp: 25905
 Ion Ratio Lower Upper
 128 100
 49 146.5 107.5 199.7
 130 124.9 89.4 166.0
 51 47.1 40.3 60.5





#25

Chloroform

Concen: 5.160 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

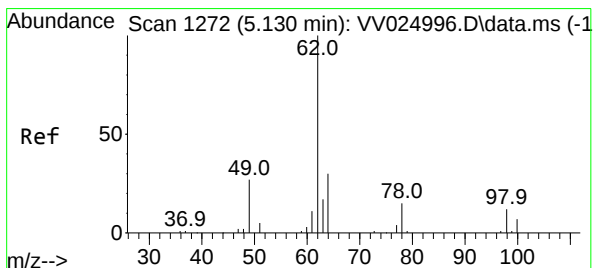
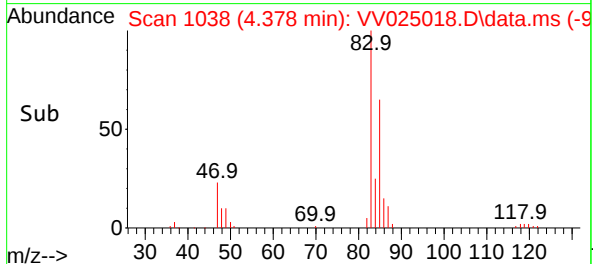
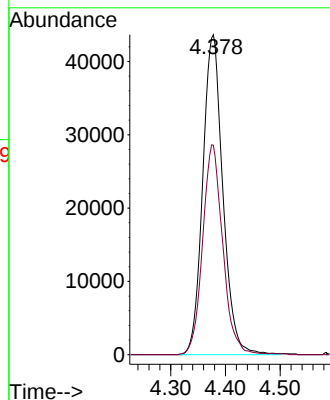
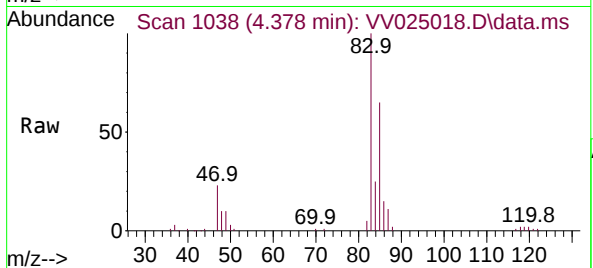
VSTD005331

Tgt Ion: 83 Resp: 111358

Ion Ratio Lower Upper

83 100

85 65.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.179 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV025018.D

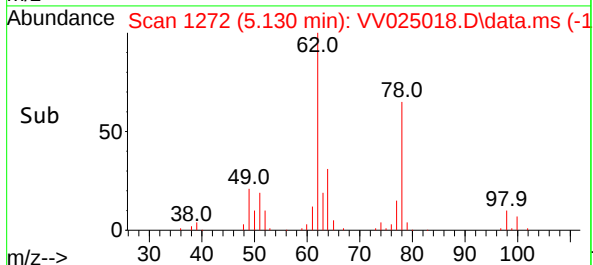
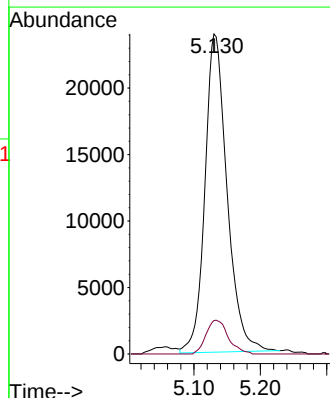
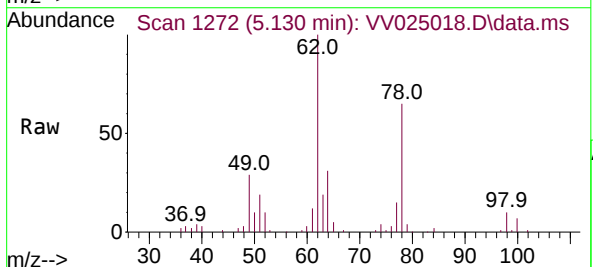
Acq: 15 Mar 2022 23:37

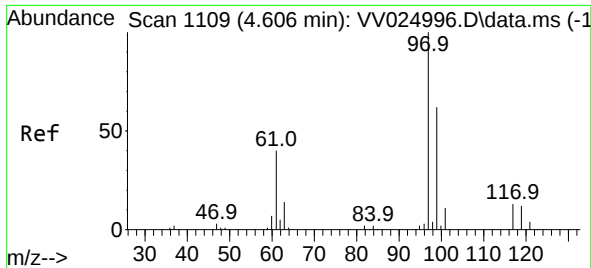
Tgt Ion: 62 Resp: 55579

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.035 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005331

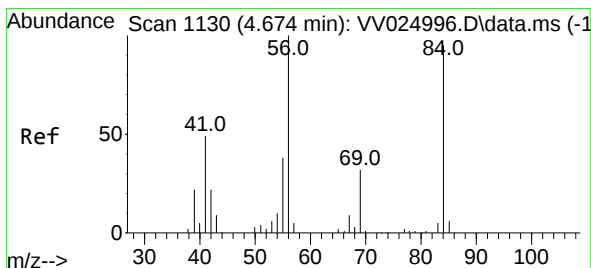
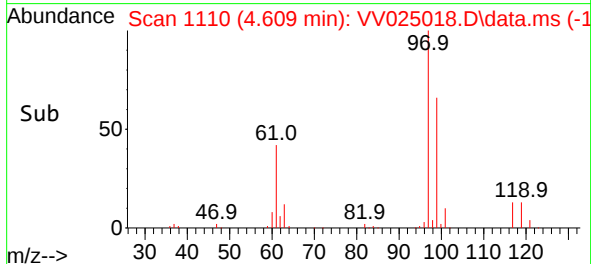
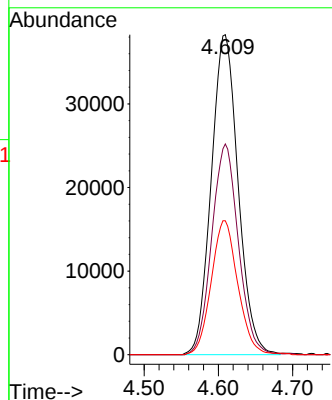
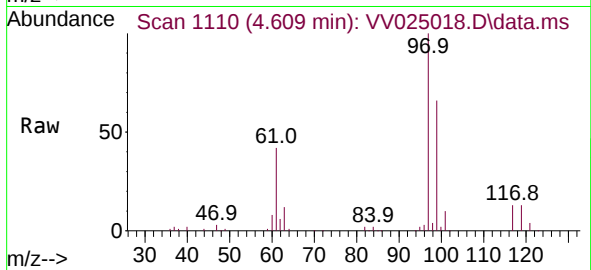
Tgt Ion: 97 Resp: 96325

Ion Ratio Lower Upper

97 100

99 65.3 50.7 76.1

61 41.3 32.4 48.6



#30

Cyclohexane

Concen: 4.931 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

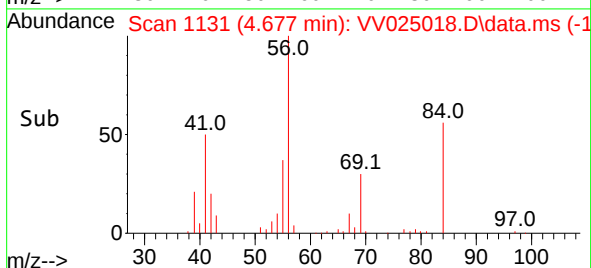
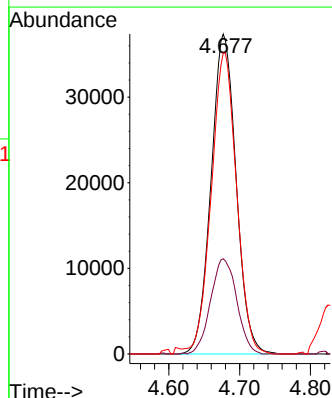
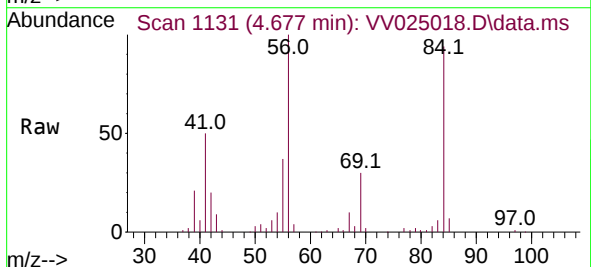
Tgt Ion: 56 Resp: 91783

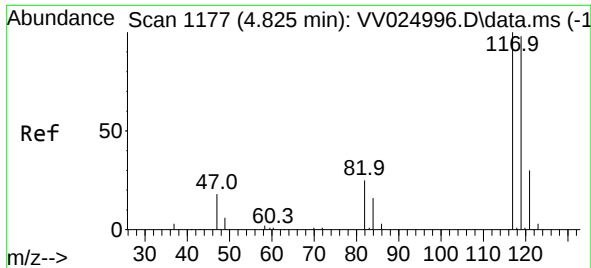
Ion Ratio Lower Upper

56 100

69 31.0 24.9 37.3

84 94.9 75.9 113.9

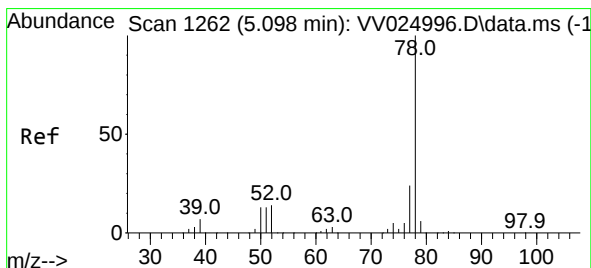
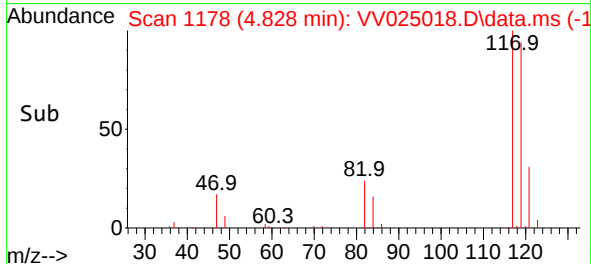
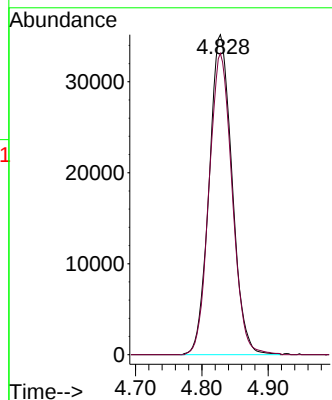
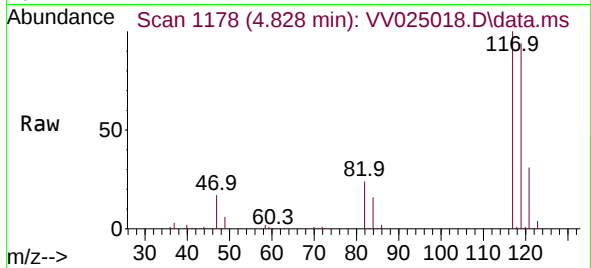




#31
Carbon tetrachloride
Concen: 5.146 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

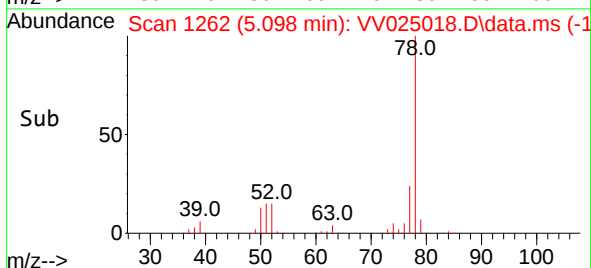
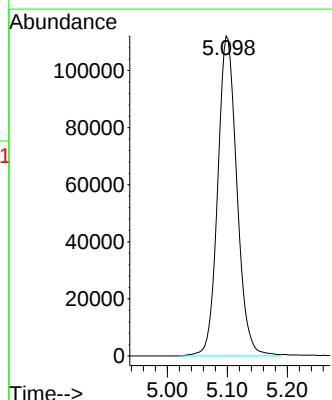
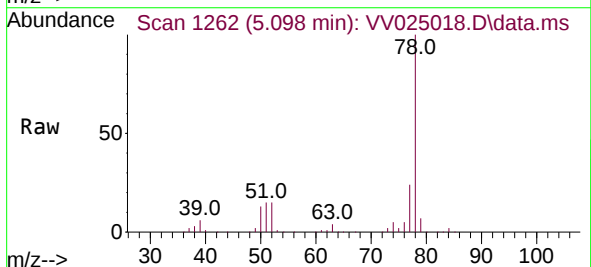
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

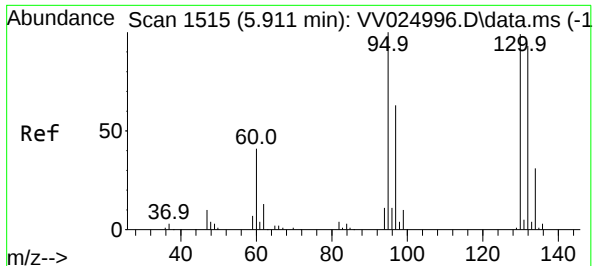
Tgt Ion:117 Resp: 84466
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2



#33
Benzene
Concen: 5.086 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 78 Resp: 248179

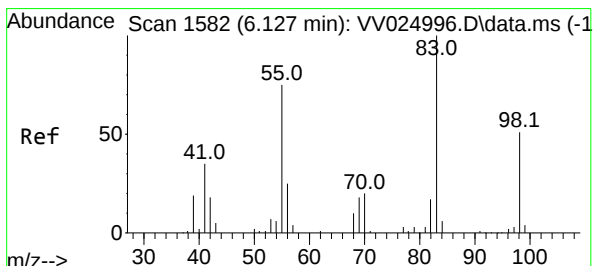
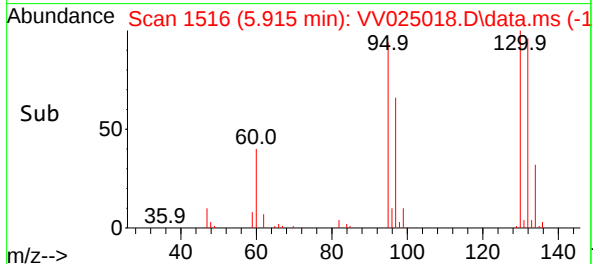
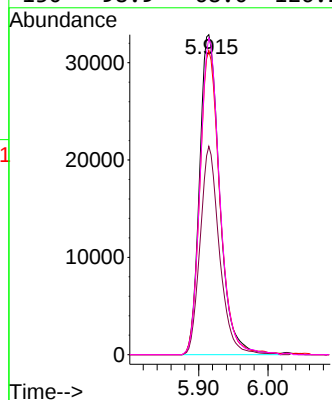
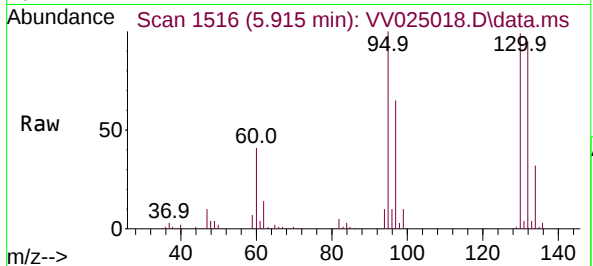




#34
Trichloroethene
Concen: 5.106 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

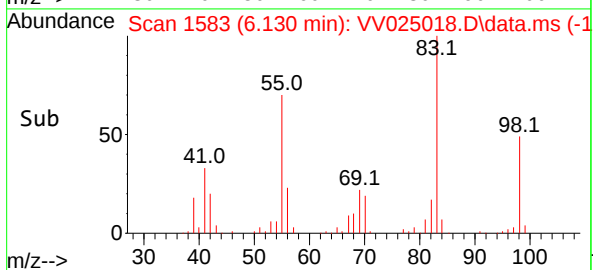
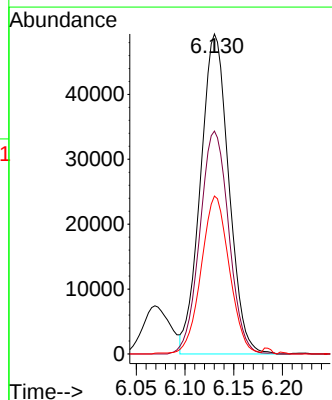
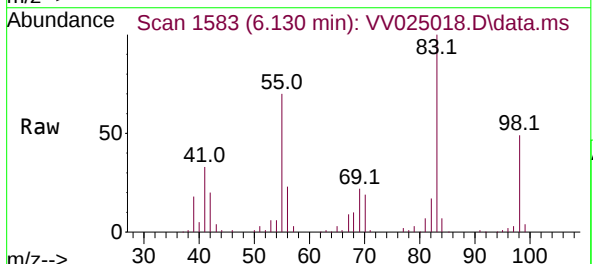
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

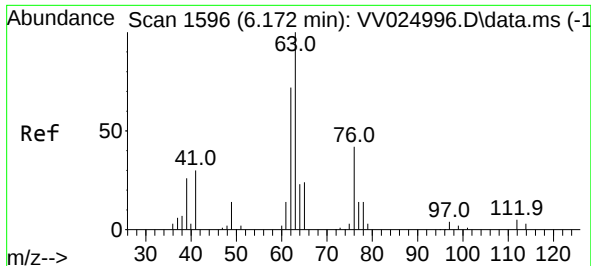
Tgt Ion: 95 Resp: 66346
Ion Ratio Lower Upper
95 100
97 65.1 44.5 82.7
132 95.1 66.5 123.5
130 98.9 68.0 126.2



#35
Methylcyclohexane
Concen: 4.850 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 83 Resp: 99752
Ion Ratio Lower Upper
83 100
55 71.1 55.4 83.0
98 49.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.149 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

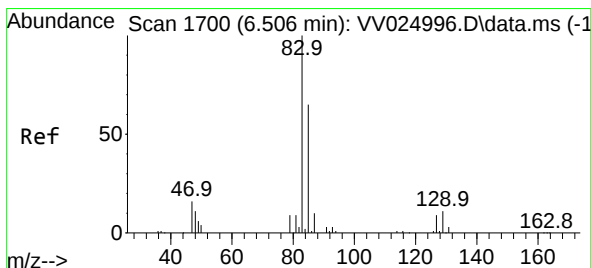
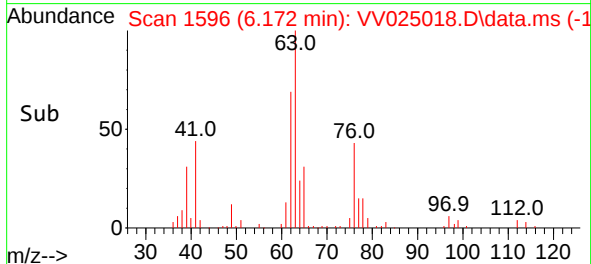
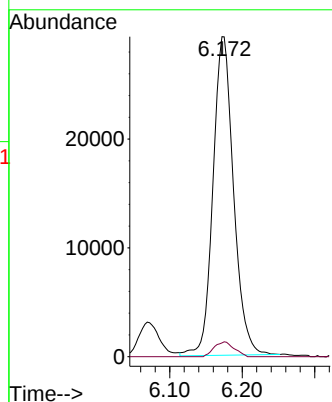
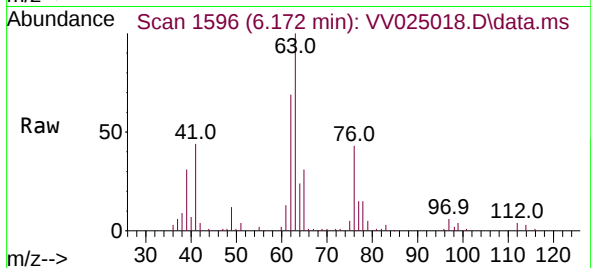
VSTD005331

Tgt Ion: 63 Resp: 57741

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 5.024 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

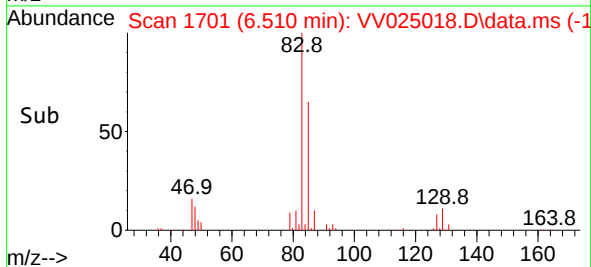
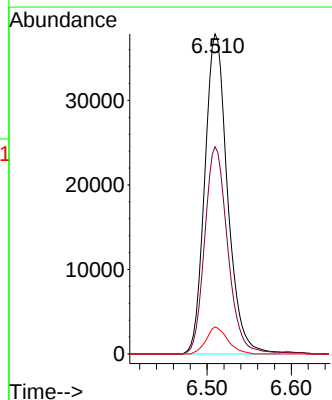
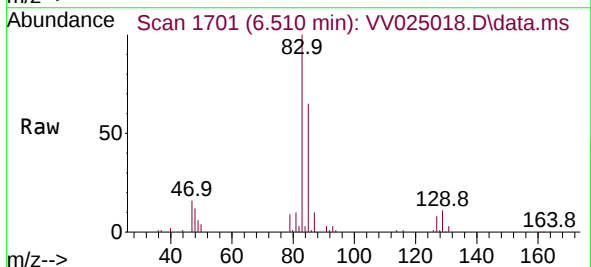
Tgt Ion: 83 Resp: 71242

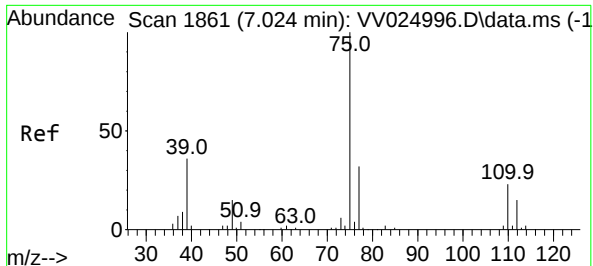
Ion Ratio Lower Upper

83 100

85 64.7 44.8 83.2

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.969 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

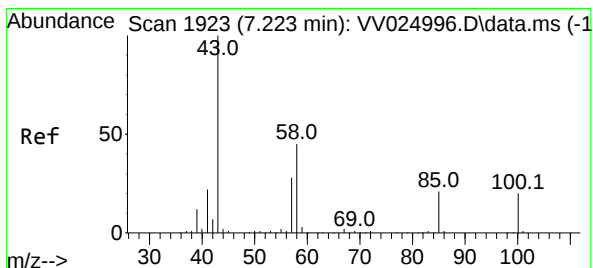
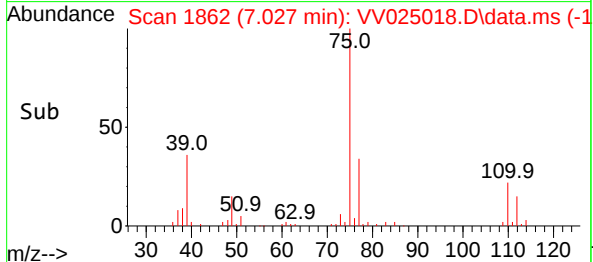
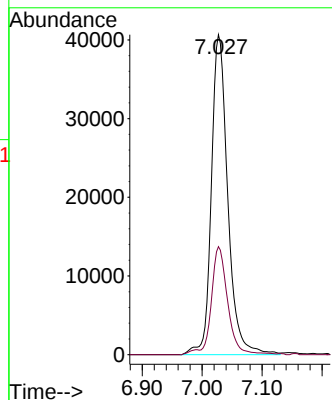
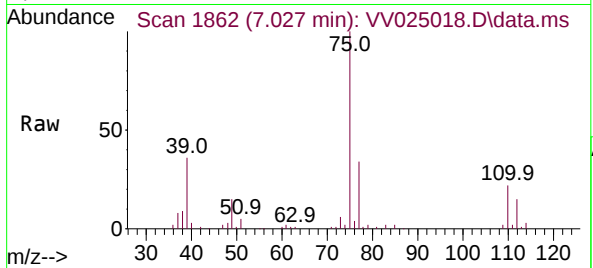
VSTD005331

Tgt Ion: 75 Resp: 77360

Ion Ratio Lower Upper

75 100

77 33.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.142 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

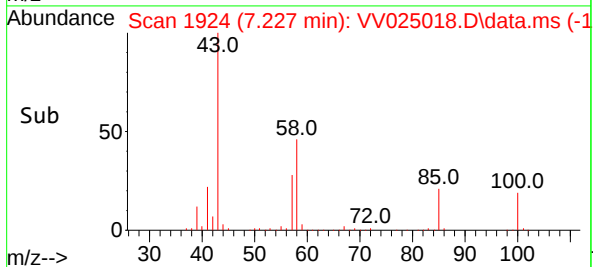
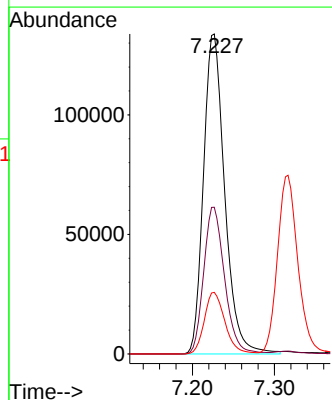
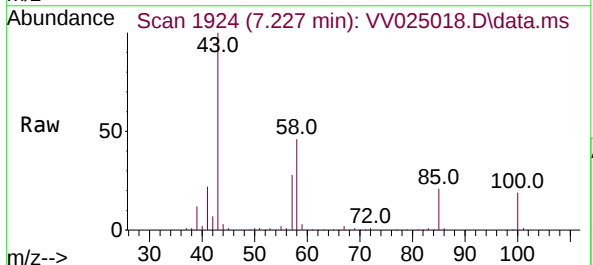
Tgt Ion: 43 Resp: 240594

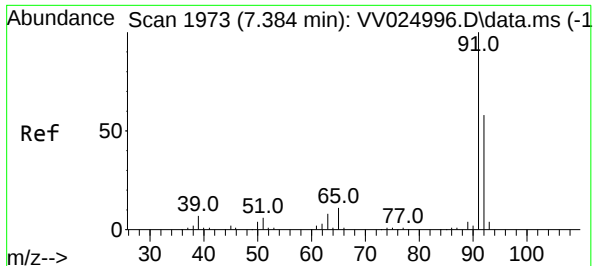
Ion Ratio Lower Upper

43 100

58 45.2 36.6 55.0

100 18.7 13.8 20.8





#42

Toluene

Concen: 5.187 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

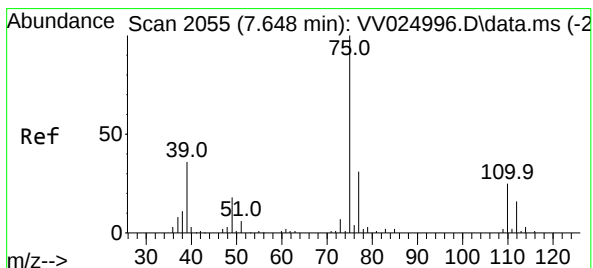
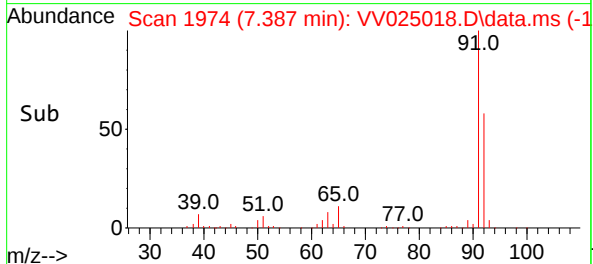
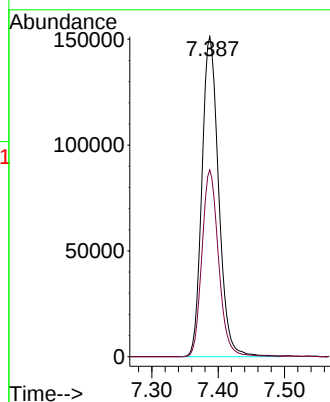
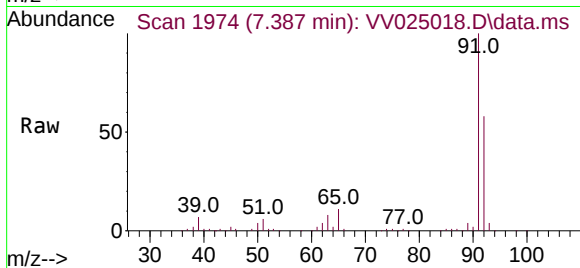
VSTD005331

Tgt Ion: 91 Resp: 264862

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.002 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025018.D

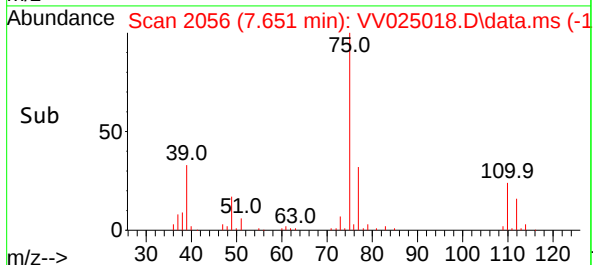
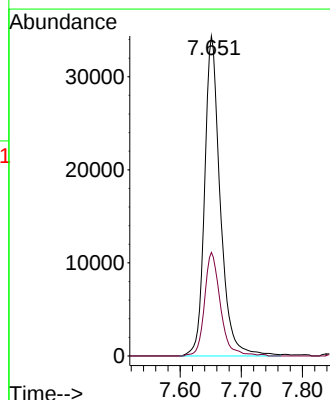
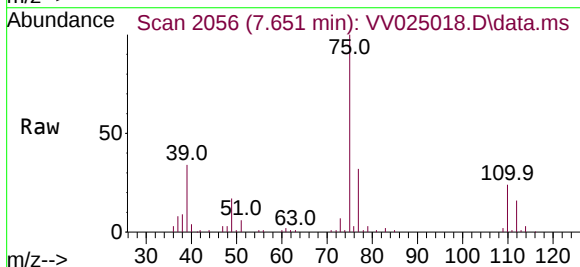
Acq: 15 Mar 2022 23:37

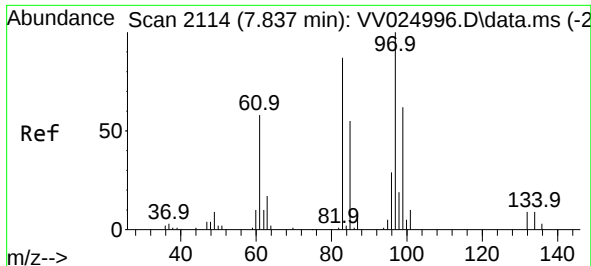
Tgt Ion: 75 Resp: 61281

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.6



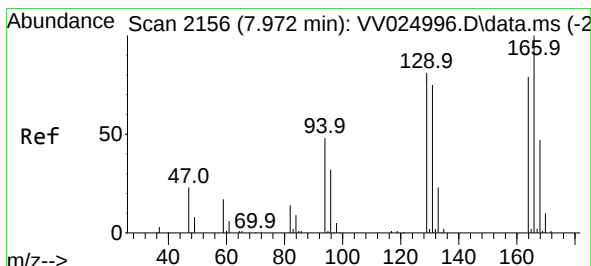
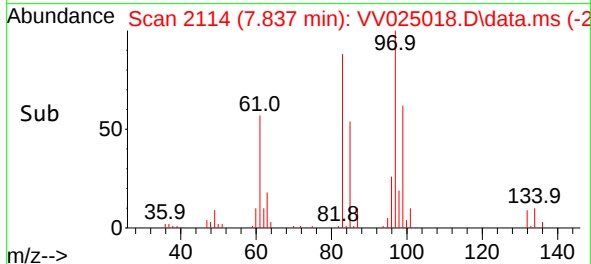
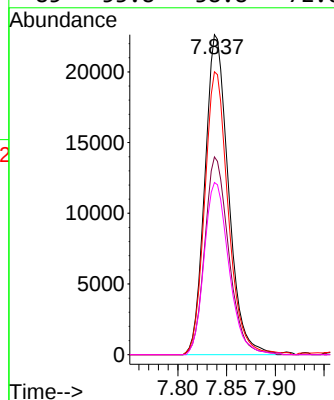
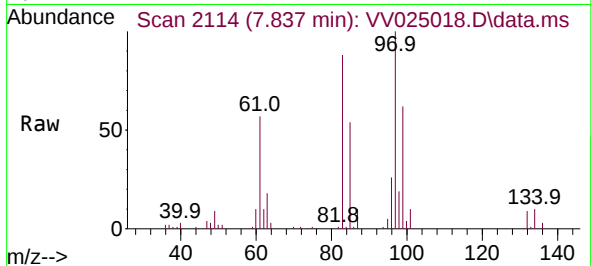


#45
1,1,2-Trichloroethane
Concen: 5.097 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

Tgt Ion: 97 Resp: 38174

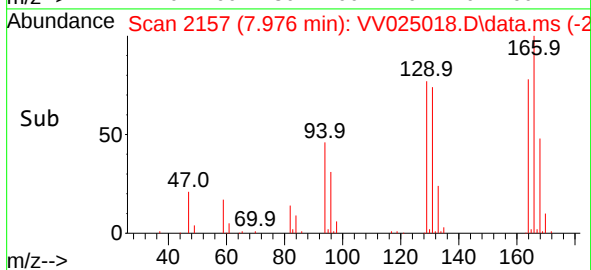
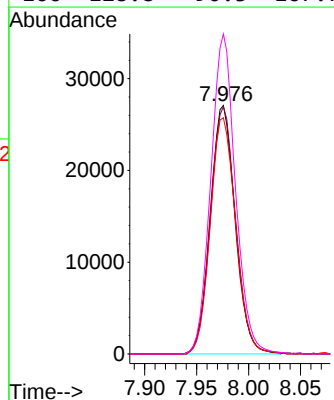
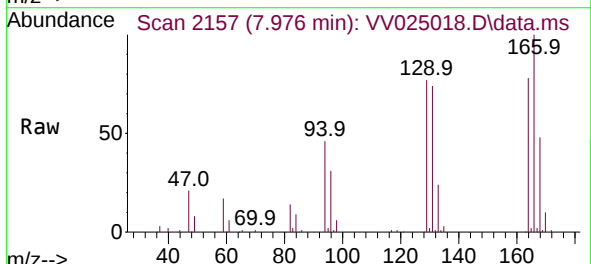
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.7	81.1
83	88.4	58.9	109.3
85	53.8	38.8	72.0

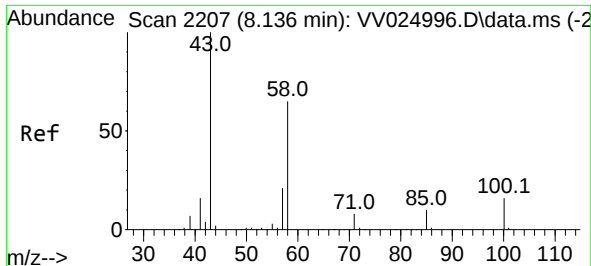


#47
Tetrachloroethene
Concen: 4.963 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 164 Resp: 45360

Ion	Ratio	Lower	Upper
164	100		
129	99.6	70.3	130.7
131	95.1	69.4	129.0
166	128.8	90.3	167.7



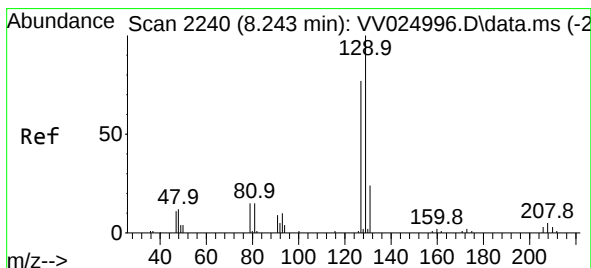
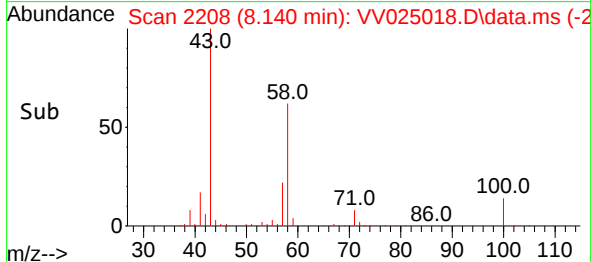
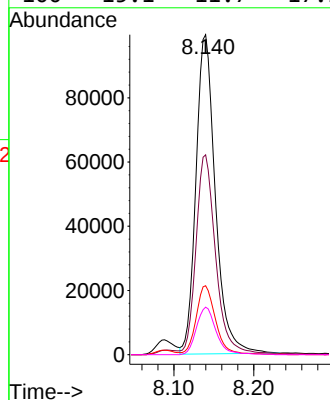
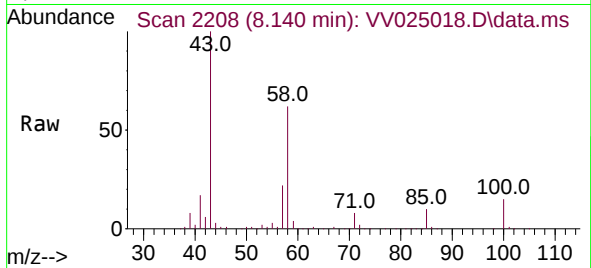


#48
2-Hexanone
Concen: 51.432 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

Tgt Ion: 43 Resp: 168246

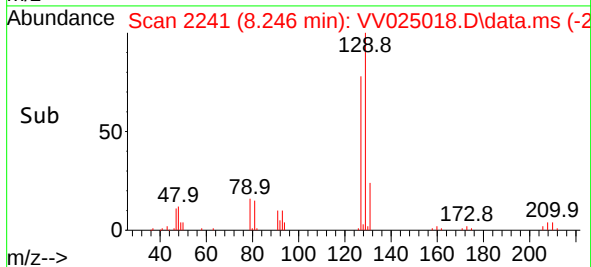
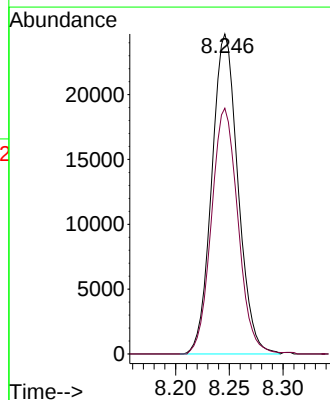
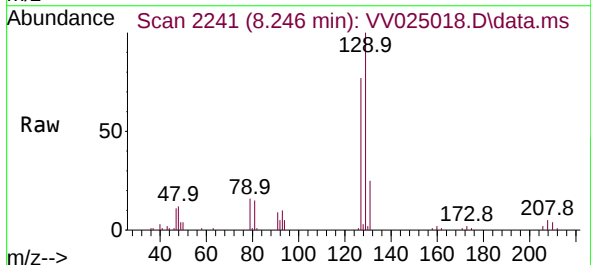
Ion	Ratio	Lower	Upper
43	100		
58	62.9	49.2	73.8
57	21.4	16.0	24.0
100	15.1	11.7	17.5

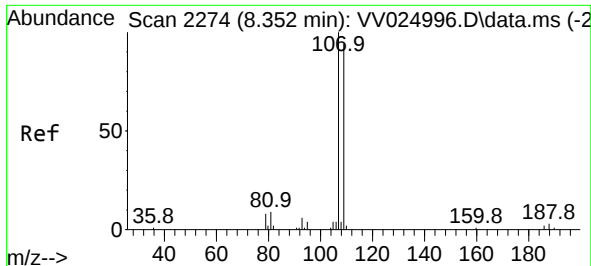


#49
Dibromochloromethane
Concen: 4.993 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 129 Resp: 41862

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.164 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005331

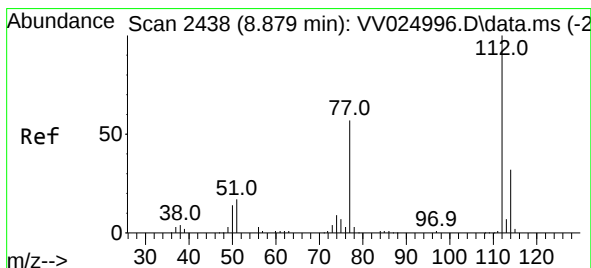
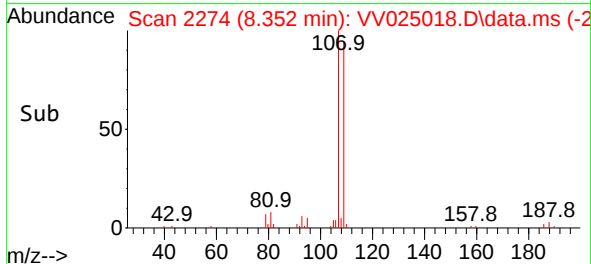
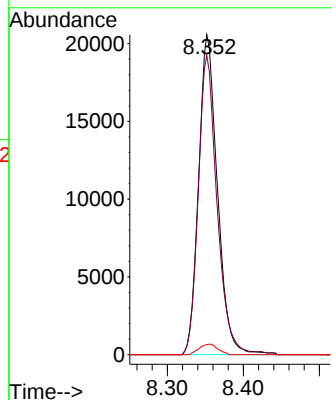
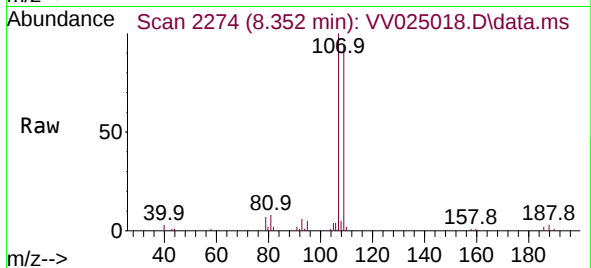
Tgt Ion:107 Resp: 35398

Ion Ratio Lower Upper

107 100

109 93.5 65.5 121.6

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 5.078 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

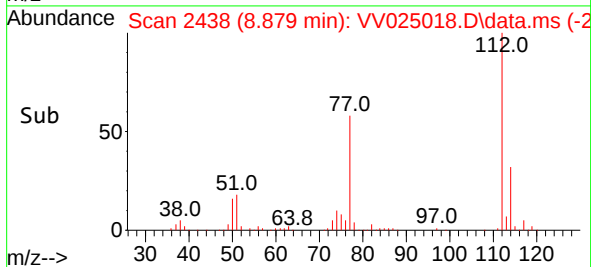
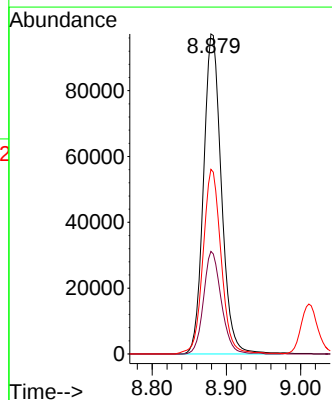
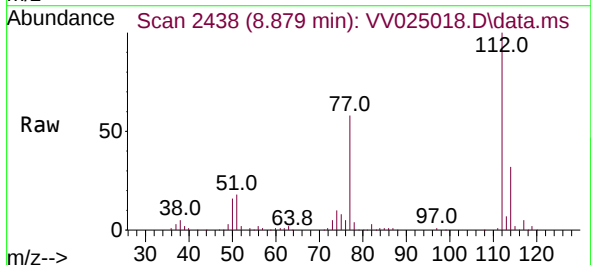
Tgt Ion:112 Resp: 162373

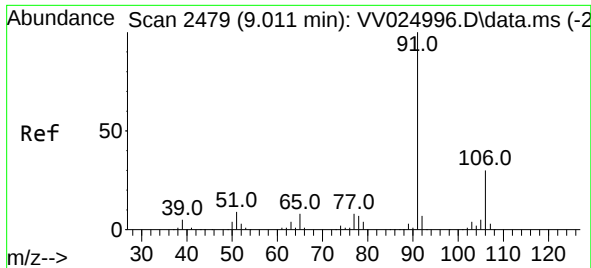
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 57.7 45.3 67.9

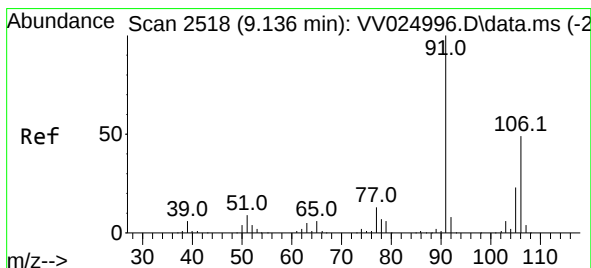
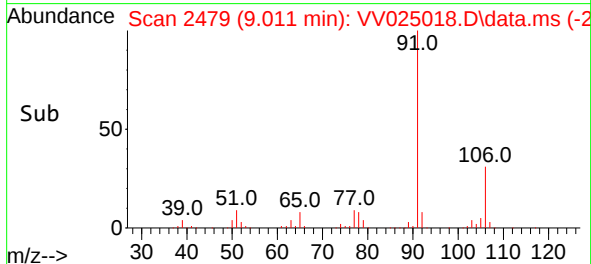
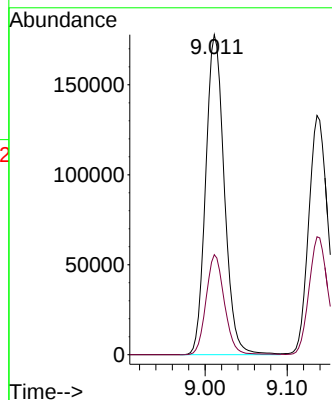
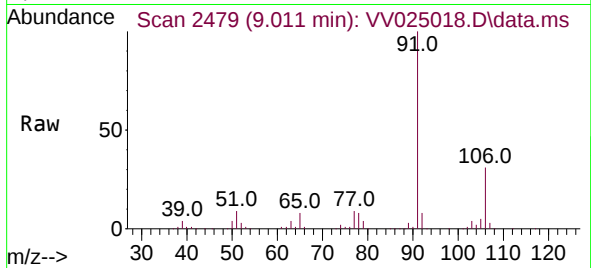




#52
Ethylbenzene
Concen: 5.192 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

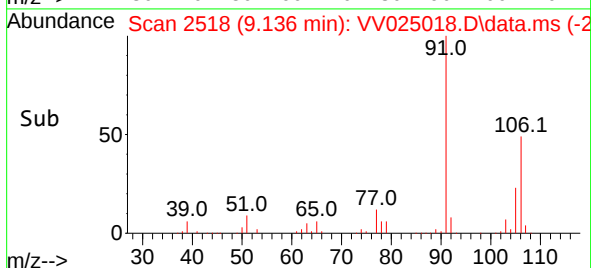
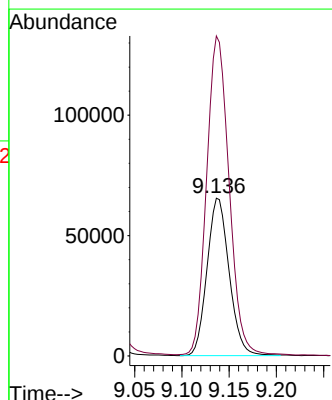
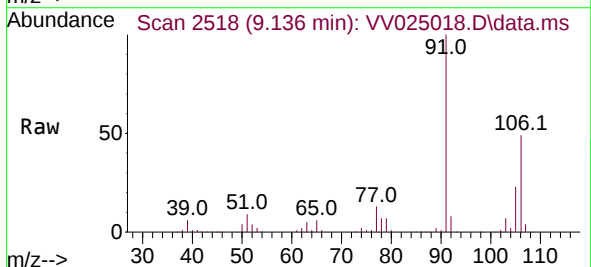
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

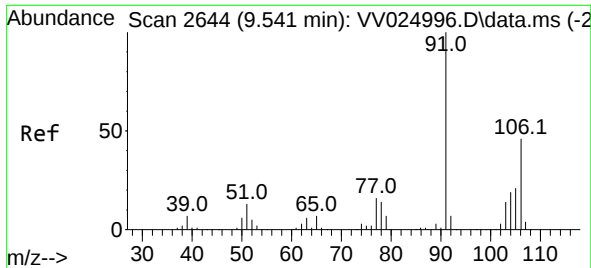
Tgt Ion: 91 Resp: 280508
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7



#53
m,p-xylene
Concen: 5.122 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 106 Resp: 106566
Ion Ratio Lower Upper
106 100
91 202.9 143.4 266.4

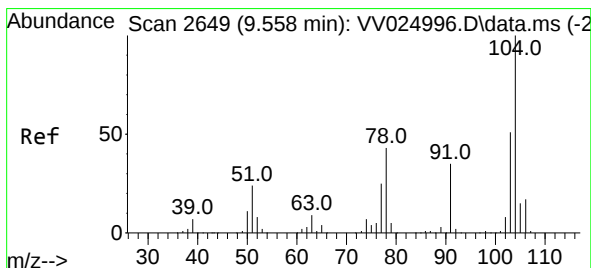
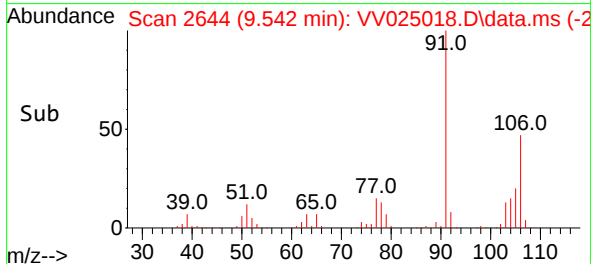
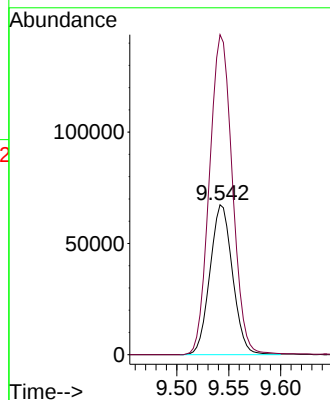
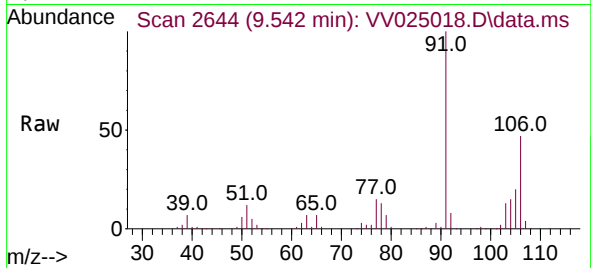




#54
o-xylene
Concen: 5.122 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

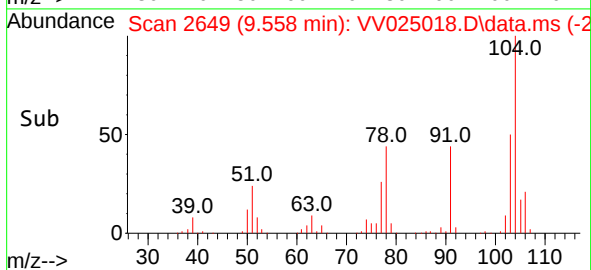
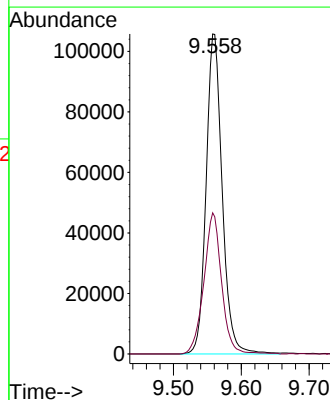
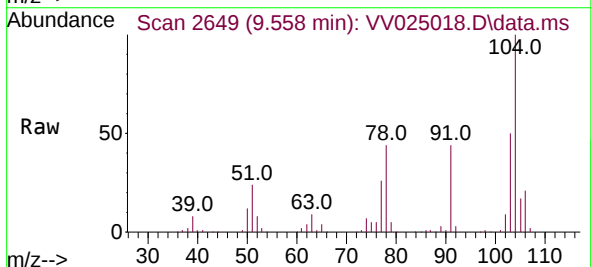
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

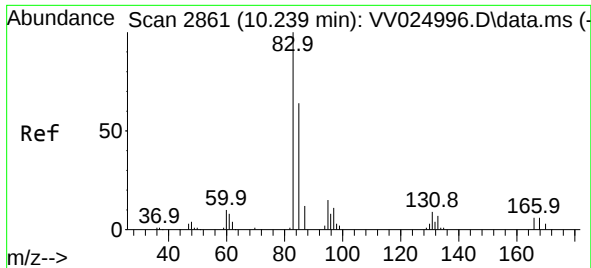
Tgt Ion:106 Resp: 101903
Ion Ratio Lower Upper
106 100
91 213.4 146.7 272.5



#55
Styrene
Concen: 5.378 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion:104 Resp: 174231
Ion Ratio Lower Upper
104 100
78 44.1 30.2 56.2



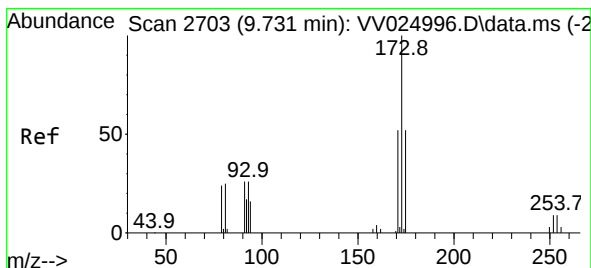
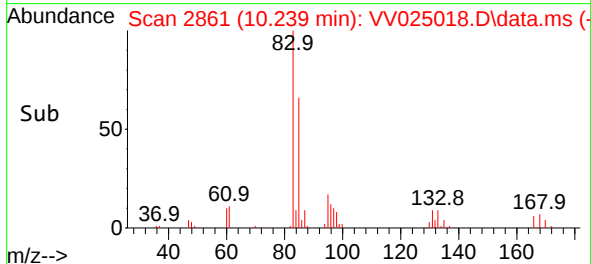
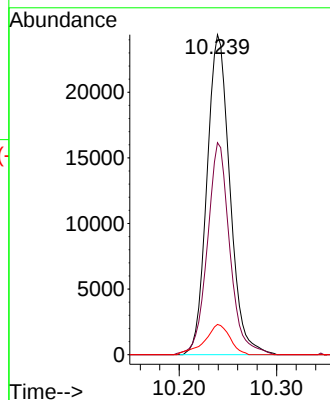
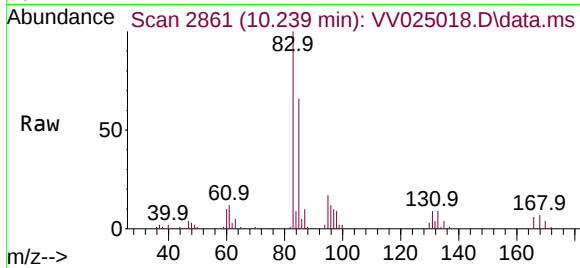


#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.427 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Tgt Ion: 83 Resp: 39848

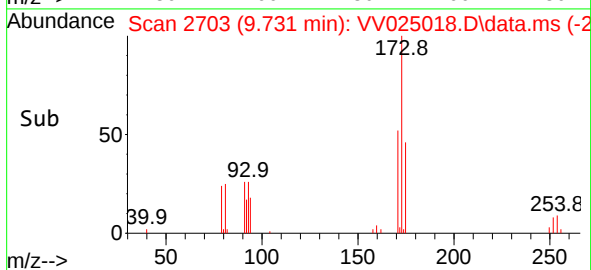
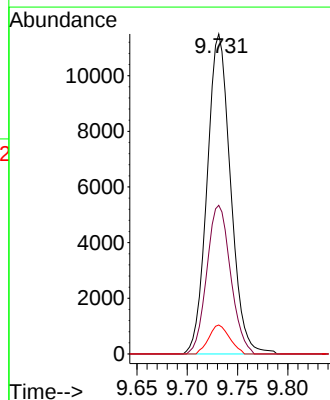
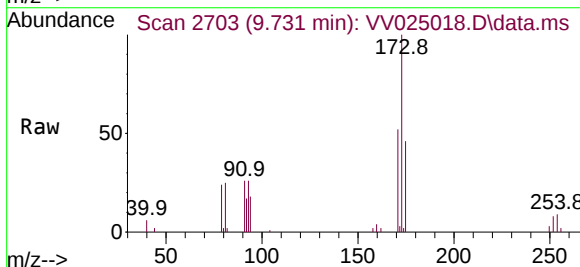
Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.9	81.5
131	9.4	7.5	11.3

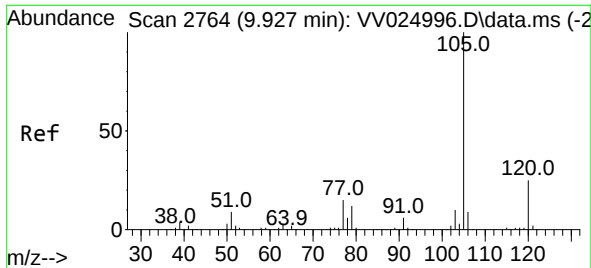


#59
 Bromoform
 Concen: 4.823 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Tgt Ion: 173 Resp: 18655

Ion	Ratio	Lower	Upper
173	100		
175	47.0	37.8	56.8
254	8.0	5.8	8.6

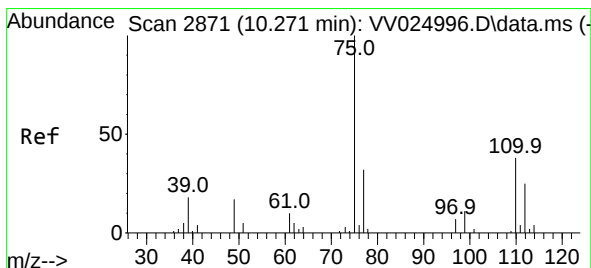
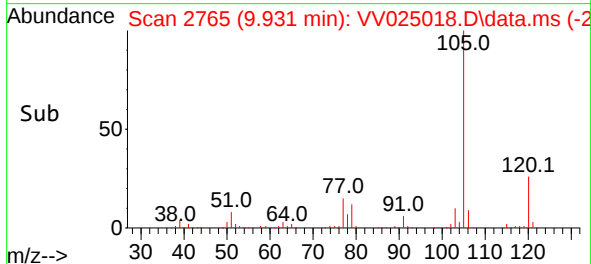
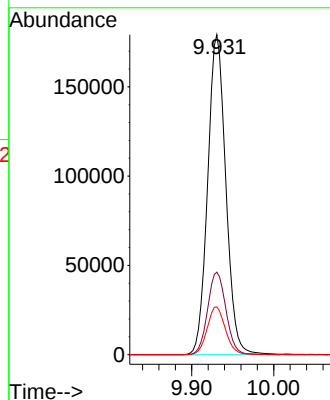
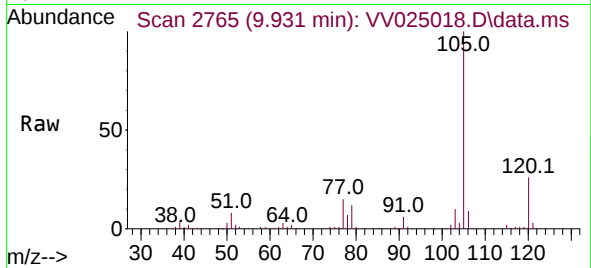




#60
Isopropylbenzene
Concen: 5.083 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

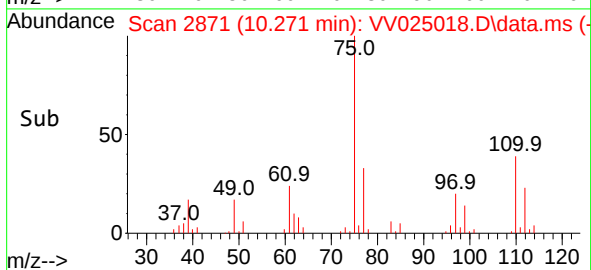
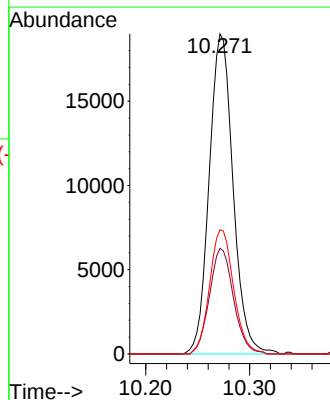
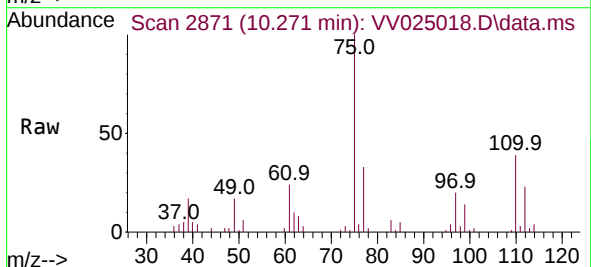
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

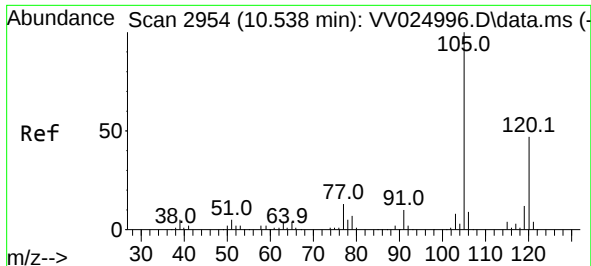
Tgt Ion:105 Resp: 275309
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.018 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 75 Resp: 30305
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
110 39.1 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.074 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025018.D

Acq: 15 Mar 2022 23:37

Instrument :

MSVOA_V

ClientSampleId :

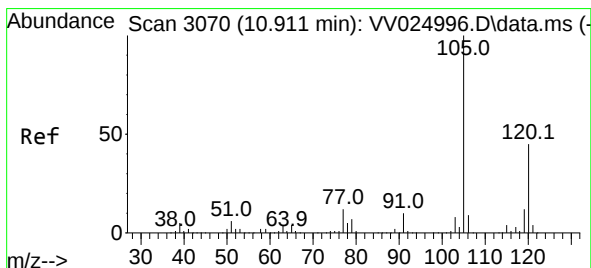
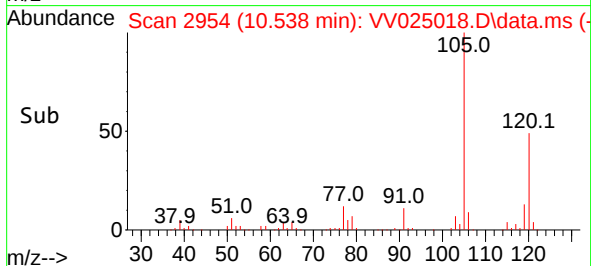
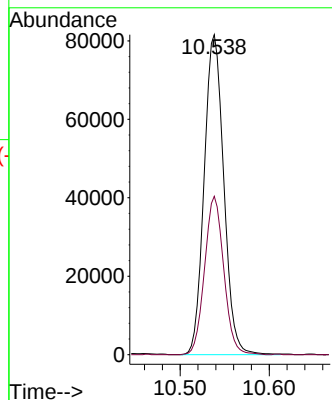
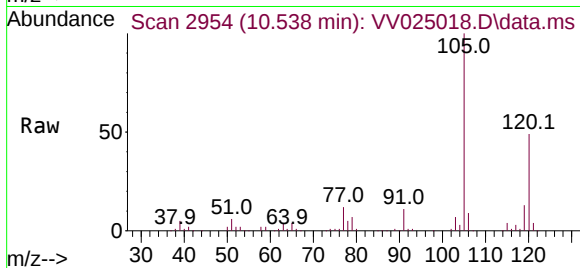
VSTD005331

Tgt Ion:105 Resp: 124690

Ion Ratio Lower Upper

105 100

120 48.4 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.171 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025018.D

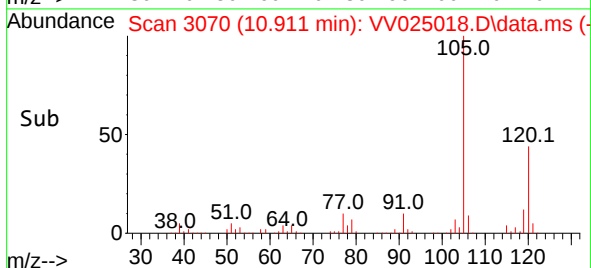
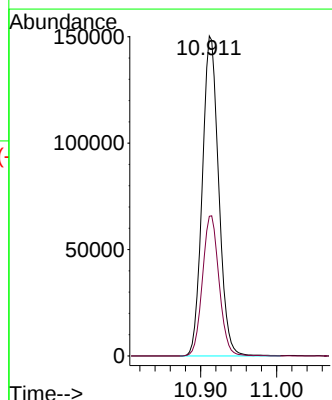
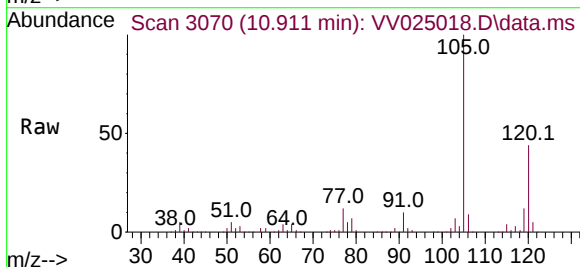
Acq: 15 Mar 2022 23:37

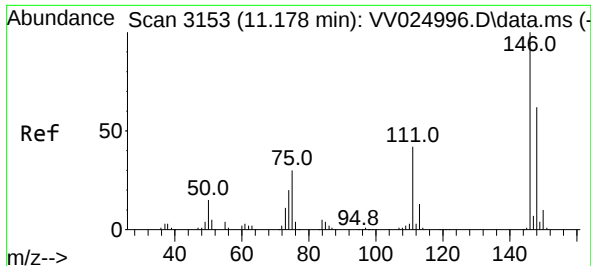
Tgt Ion:105 Resp: 225052

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.8

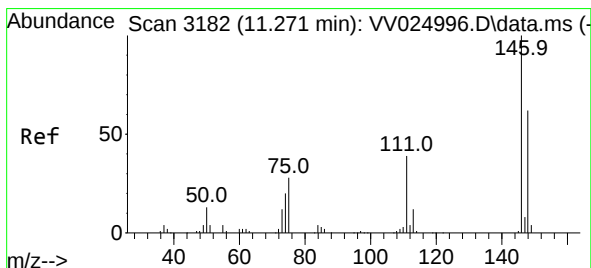
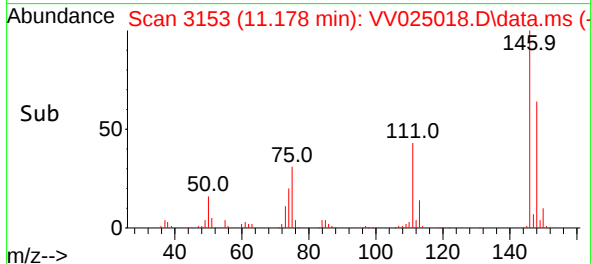
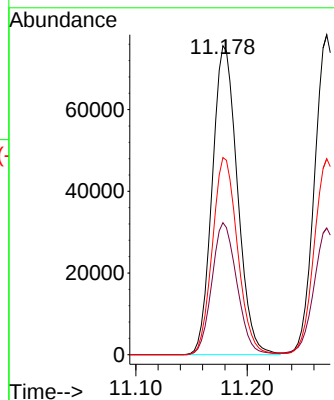
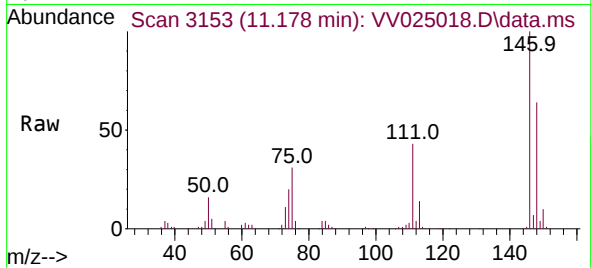




#64
1,3-Dichlorobenzene
Concen: 5.064 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

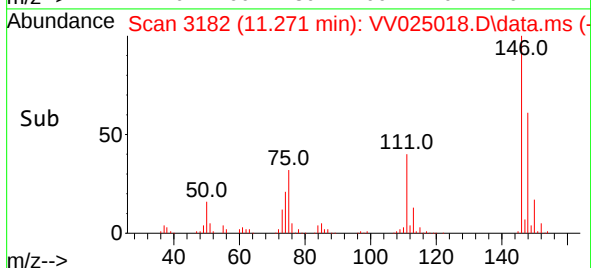
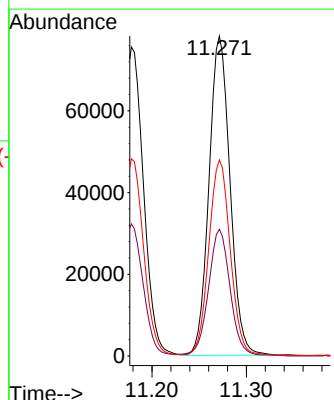
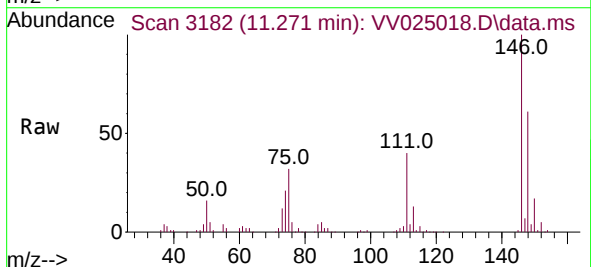
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

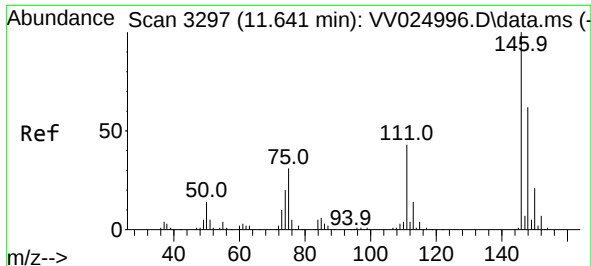
Tgt Ion:146 Resp: 118967
Ion Ratio Lower Upper
146 100
111 42.7 29.2 54.2
148 63.8 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.103 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion:146 Resp: 120849
Ion Ratio Lower Upper
146 100
111 39.6 28.2 52.4
148 61.2 43.8 81.4

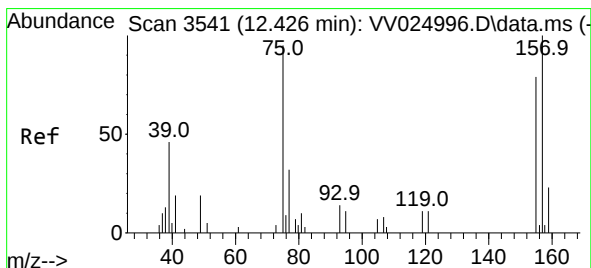
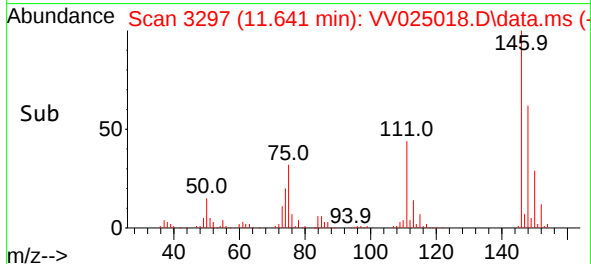
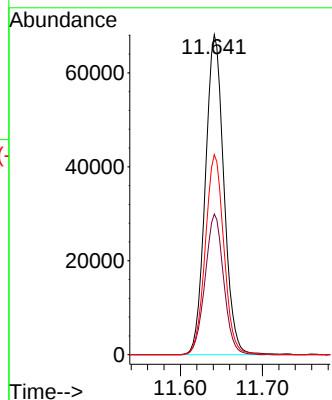
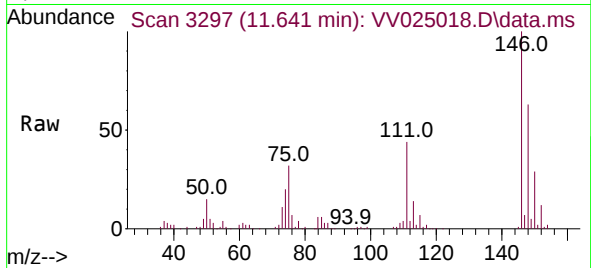




#67
1,2-Dichlorobenzene
Concen: 5.139 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

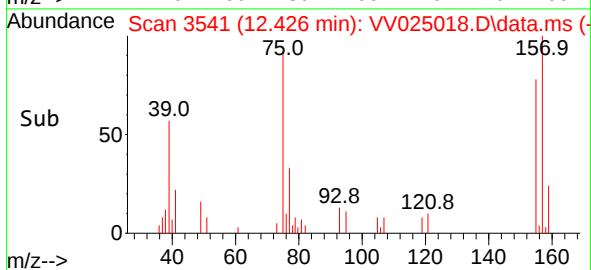
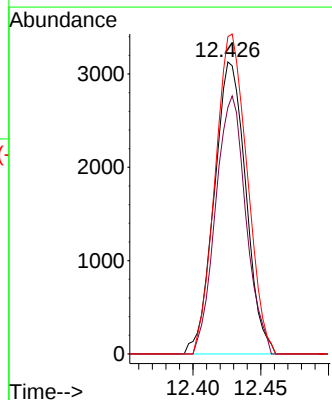
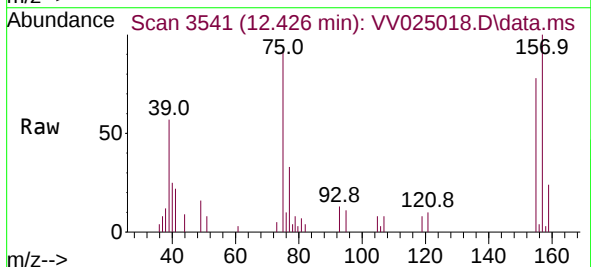
Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

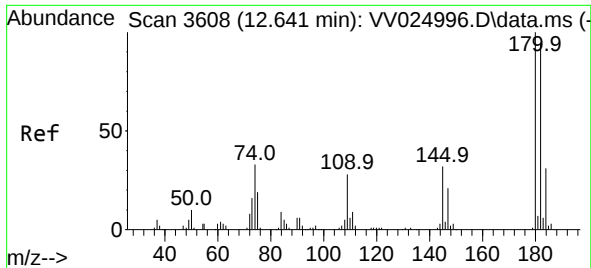
Tgt Ion:146 Resp: 106980
Ion Ratio Lower Upper
146 100
111 43.9 35.5 53.3
148 62.5 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.898 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion: 75 Resp: 5071
Ion Ratio Lower Upper
75 100
155 84.4 65.9 98.9
157 108.7 89.7 134.5

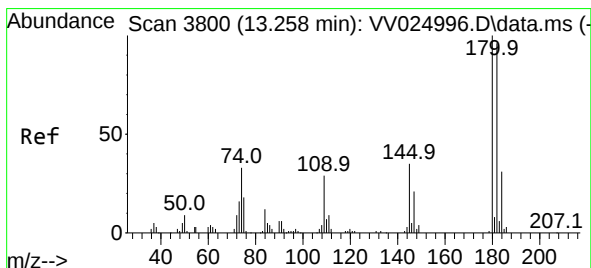
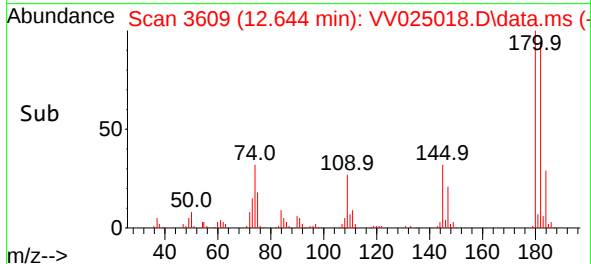
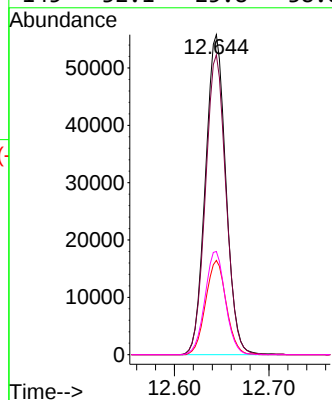
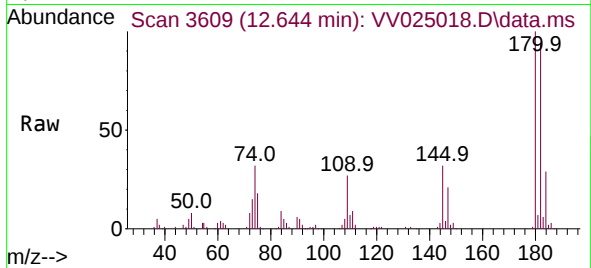




#69
 1,3,5-Trichlorobenzene
 Concen: 5.057 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

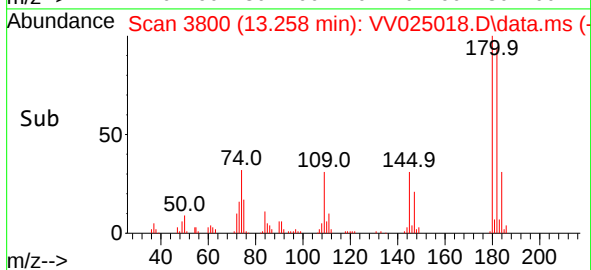
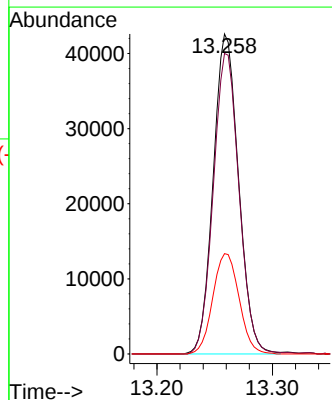
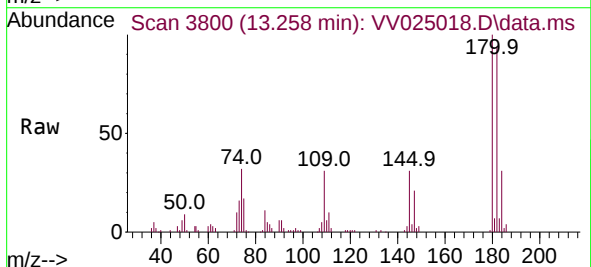
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

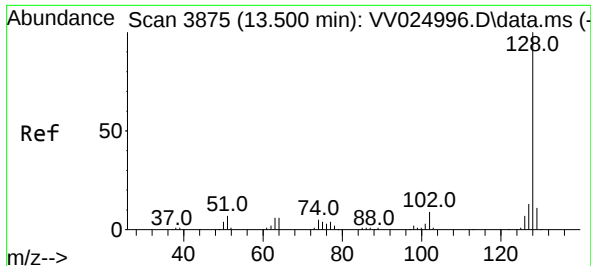
Tgt Ion:180	Resp:	83920
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.4 113.0
184	29.7	24.2 36.4
145	32.1	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.023 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025018.D
 Acq: 15 Mar 2022 23:37

Tgt Ion:180	Resp:	64947
Ion Ratio	Lower	Upper
180	100	
182	95.5	74.6 112.0
145	32.5	26.1 39.1

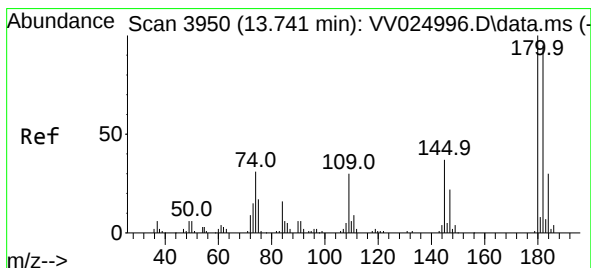
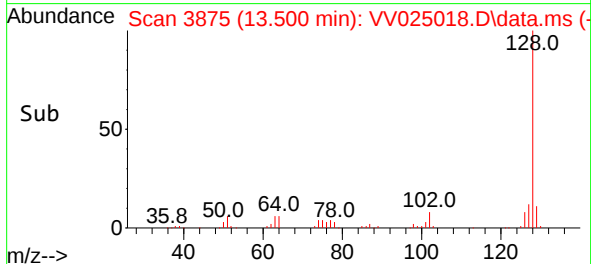
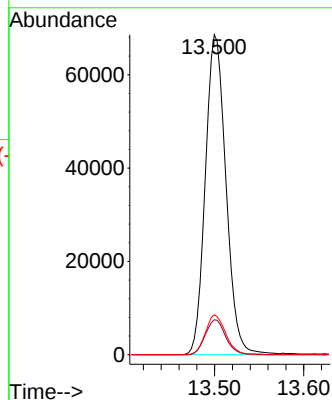
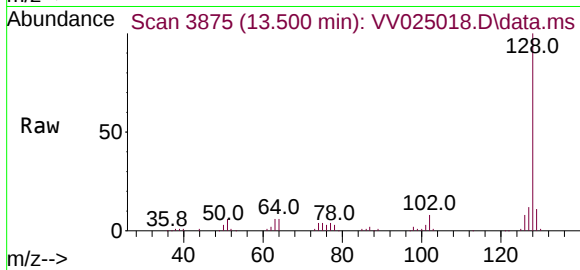




#71
Naphthalene
Concen: 5.134 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005331

Tgt Ion:128 Resp: 110230
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.1 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.126 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025018.D
Acq: 15 Mar 2022 23:37

Tgt Ion:180 Resp: 56156
Ion Ratio Lower Upper
180 100
182 94.3 74.8 112.2
145 35.0 27.6 41.4

