

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024766.D
 Acq On : 18 Feb 2022 20:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Feb 19 00:48:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	177421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56872	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.571	69	48875	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.114	63	110092	3.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.892	46	105881	49.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	4.352	84	100529	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.034	65	45299	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.053	84	204066	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	62401	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.313	98	181030	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	20811	4.552	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	85182	47.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37350	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58043	4.313	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	86021	4.972	ug/L	99
3) Chloromethane	1.243	50	84851	4.910	ug/L	99
5) Vinyl chloride	1.314	62	91645	4.831	ug/L	98
6) Bromomethane	1.526	94	53823	4.750	ug/L	100
8) Chloroethane	1.587	64	55603	4.758	ug/L	97
9) Trichlorofluoromethane	1.757	101	121285	4.870	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	69747	4.823	ug/L	100
12) 1,1-Dichloroethene	2.121	96	66015	4.778	ug/L	96
13) Acetone	2.182	43	75528	49.825	ug/L	97
14) Carbon disulfide	2.298	76	188203	4.853	ug/L	99
15) Methyl Acetate	2.439	43	20765	5.232	ug/L	96
16) Methylene chloride	2.510	84	73453	5.399	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	137682	5.069	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	67429	4.997	ug/L	99
19) 1,1-Dichloroethane	3.191	63	124594	5.042	ug/L	100
21) 2-Butanone	3.973	43	124178	53.011	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	72288	5.068	ug/L	96
23) Bromochloromethane	4.252	128	27717	5.027	ug/L	93
25) Chloroform	4.378	83	127894	4.955	ug/L	97

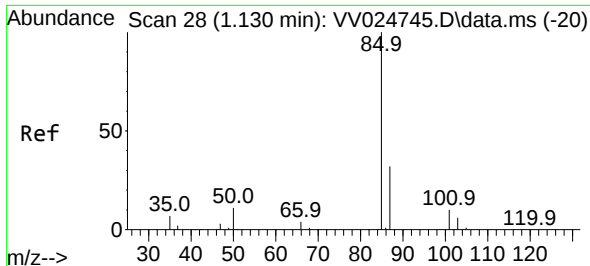
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	68972	5.006	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	110438	5.091	ug/L	98
30) Cyclohexane	4.677	56	111277	5.057	ug/L	98
31) Carbon tetrachloride	4.828	117	91433	5.013	ug/L	99
33) Benzene	5.101	78	281291	5.140	ug/L	100
34) Trichloroethene	5.915	95	76354	5.267	ug/L	98
35) Methylcyclohexane	6.130	83	122040	5.211	ug/L	98
37) 1,2-Dichloropropane	6.172	63	68027	5.261	ug/L	100
38) Bromodichloromethane	6.510	83	83355	5.122	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	93400	5.208	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	320988	52.189	ug/L	99
42) Toluene	7.387	91	301174	5.169	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	73537	5.132	ug/L	94
45) 1,1,2-Trichloroethane	7.838	97	43359	5.155	ug/L	98
47) Tetrachloroethene	7.976	164	49708	5.035	ug/L	98
48) 2-Hexanone	8.137	43	221220	51.157	ug/L	97
49) Dibromochloromethane	8.246	129	46651	4.998	ug/L	99
50) 1,2-Dibromoethane	8.352	107	39888	5.197	ug/L	98
51) Chlorobenzene	8.879	112	184343	5.057	ug/L	100
52) Ethylbenzene	9.011	91	327146	5.145	ug/L	99
53) m,p-xylene	9.136	106	122093	5.079	ug/L	98
54) o-xylene	9.542	106	120645	5.136	ug/L	99
55) Styrene	9.558	104	198368	5.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	43406	4.879	ug/L	94
59) Bromoform	9.731	173	19118	4.855	ug/L #	97
60) Isopropylbenzene	9.931	105	326030	5.067	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34120	4.840	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	272873	5.088	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	274539	5.157	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	136451	5.029	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	135775	5.010	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	120699	5.043	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5986	4.967	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	94161	4.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76030	5.016	ug/L	99
71) Naphthalene	13.500	128	128740	4.994	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63529	5.007	ug/L	99

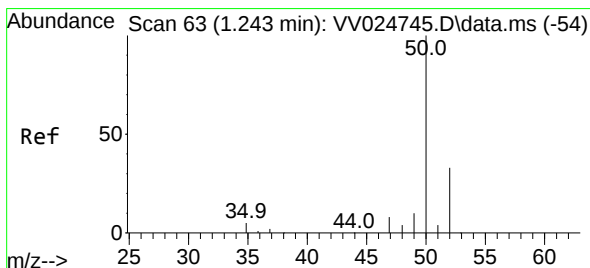
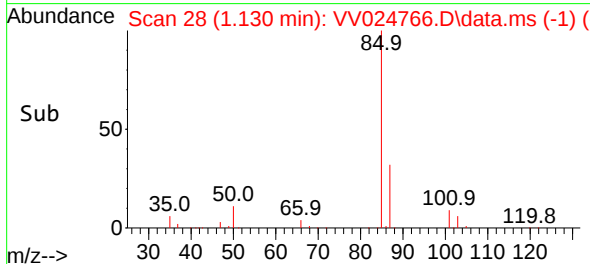
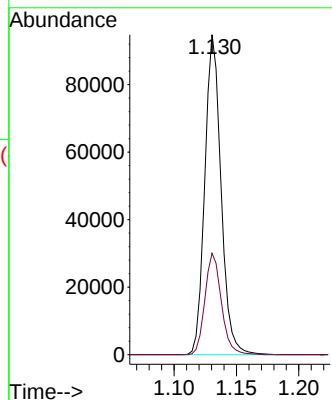
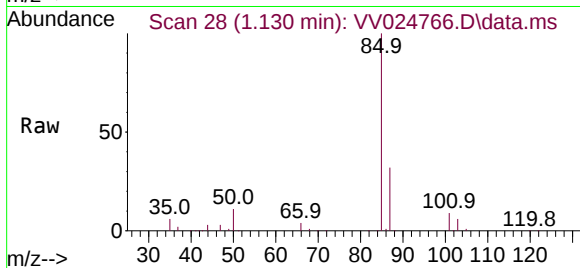
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#2
 Dichlorodifluoromethane
 Concen: 4.972 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

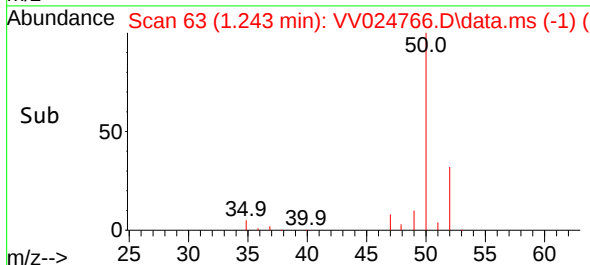
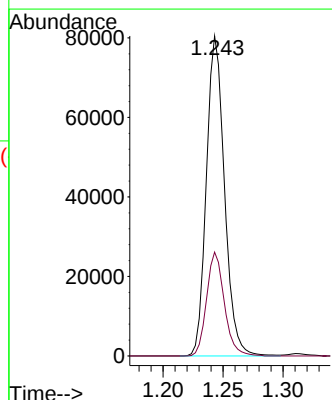
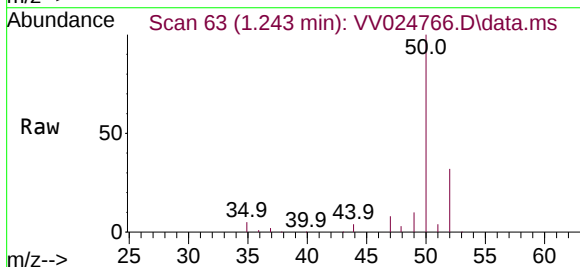
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

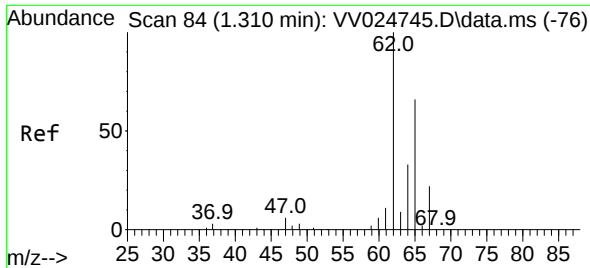
Tgt Ion: 85 Resp: 86021
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 4.910 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion: 50 Resp: 84851
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.3 43.3

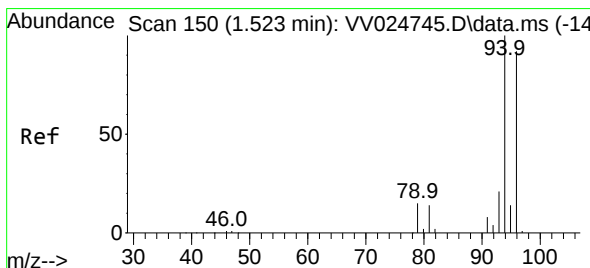
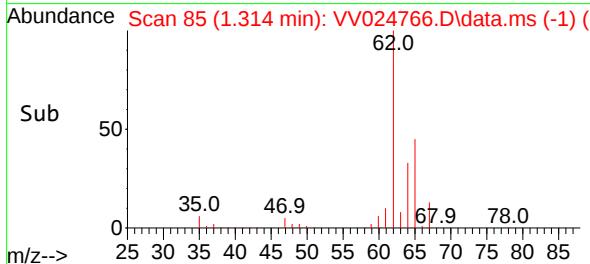
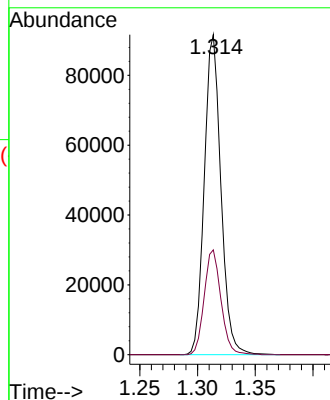
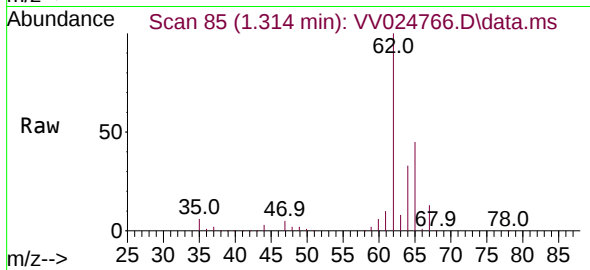




#5
 Vinyl chloride
 Concen: 4.831 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

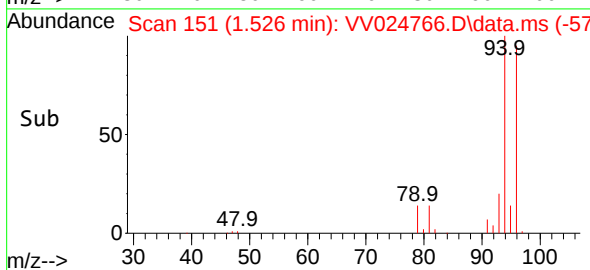
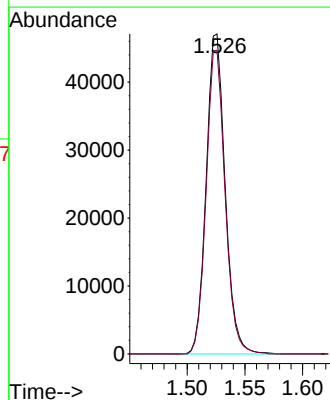
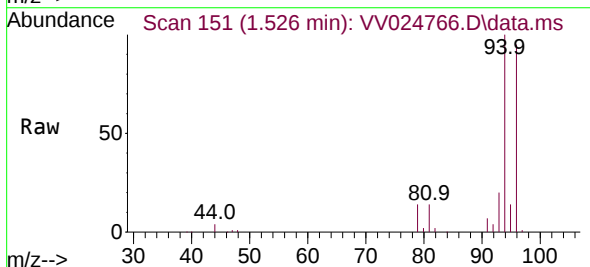
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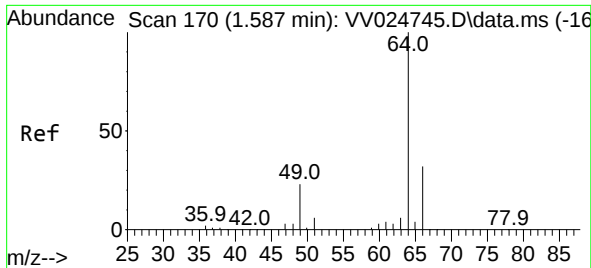
Tgt Ion: 62 Resp: 91645
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.2 41.2



#6
 Bromomethane
 Concen: 4.750 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion: 94 Resp: 53823
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.5 123.5

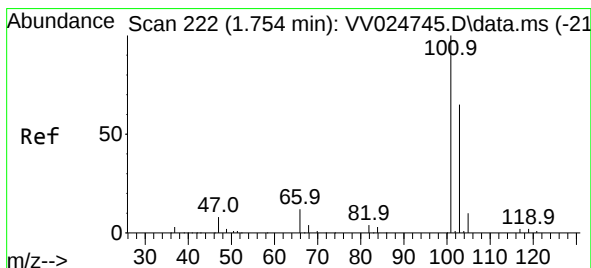
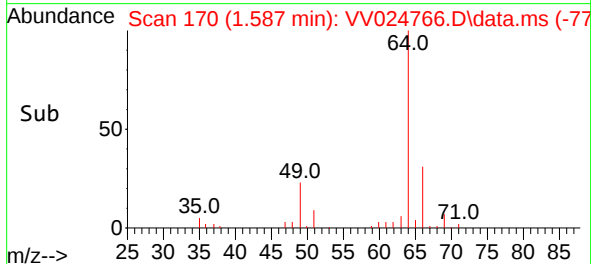
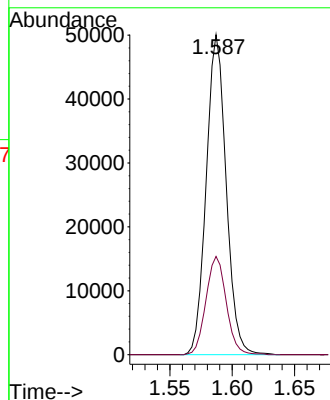
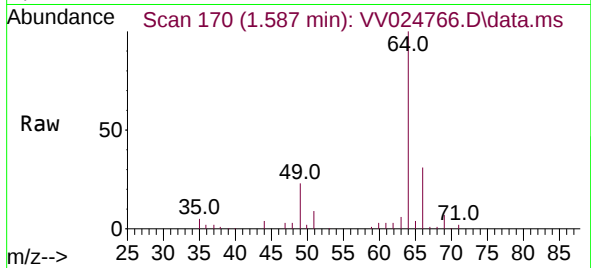




#8
Chloroethane
Concen: 4.758 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

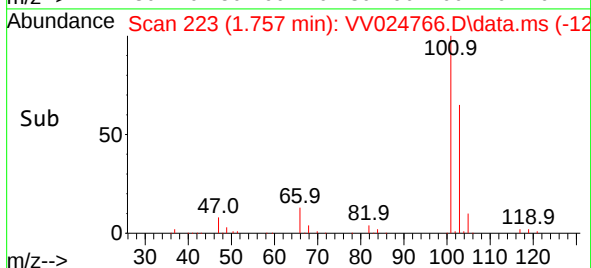
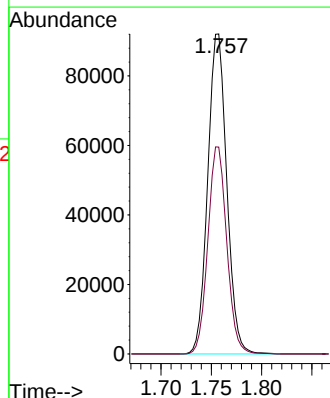
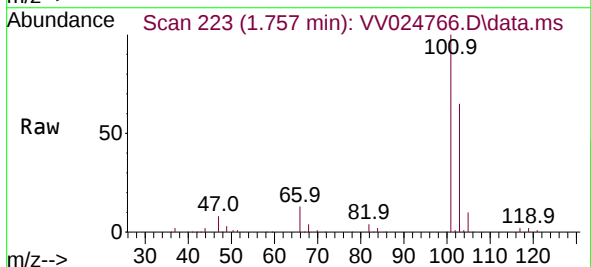
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ClientSampleId :
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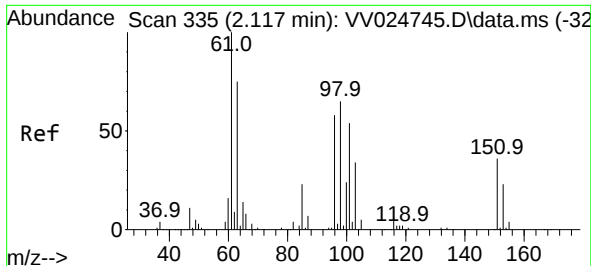
Tgt Ion: 64 Resp: 55603
Ion Ratio Lower Upper
64 100
66 30.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.870 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 101 Resp: 121285
Ion Ratio Lower Upper
101 100
103 64.1 50.7 76.1

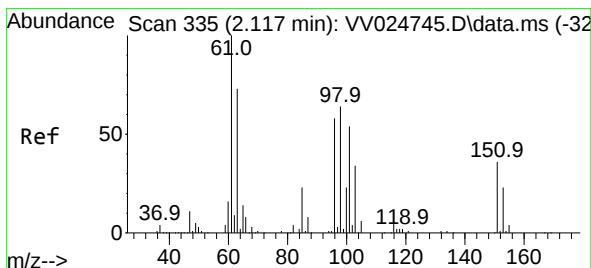
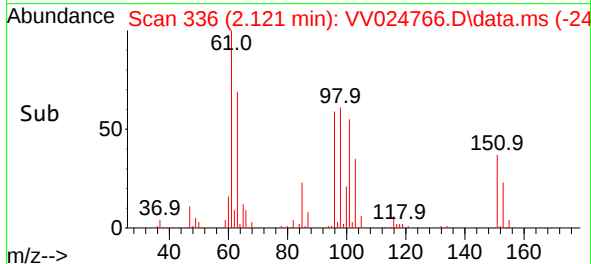
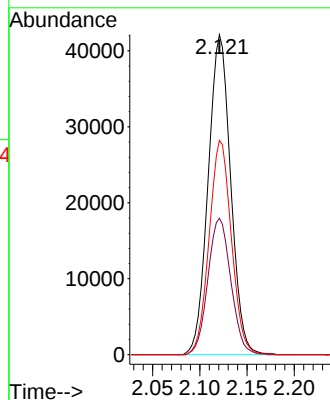
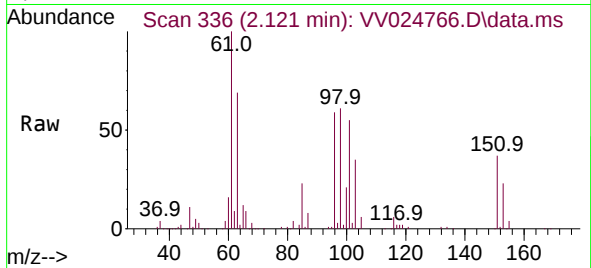




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.823 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

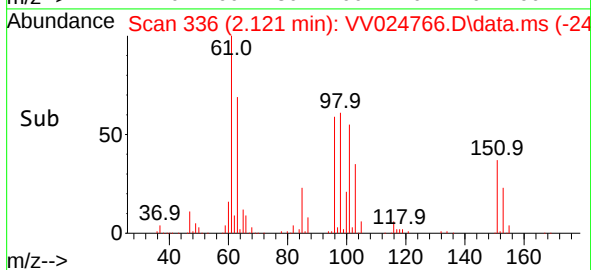
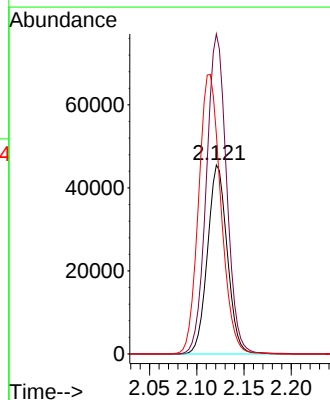
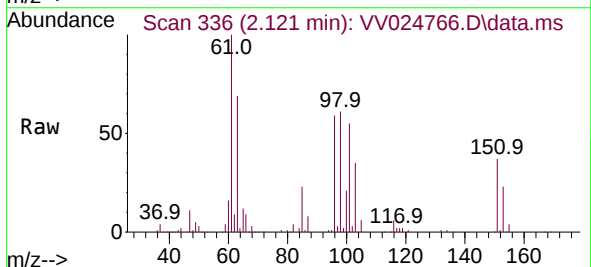
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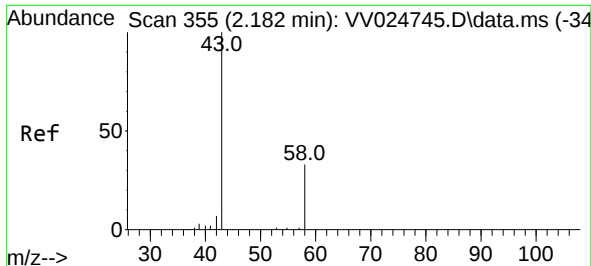
Tgt Ion:101 Resp: 69747
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 66.3 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.778 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion: 96 Resp: 66015
 Ion Ratio Lower Upper
 96 100
 61 169.3 116.3 216.1
 63 116.3 86.0 159.6





#13

Acetone

Concen: 49.825 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

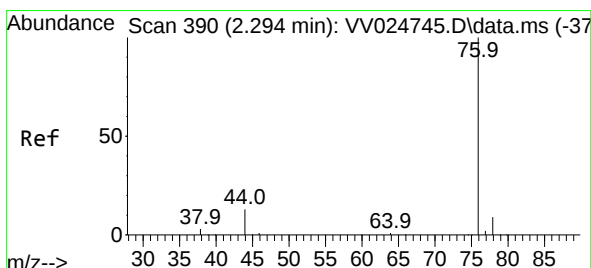
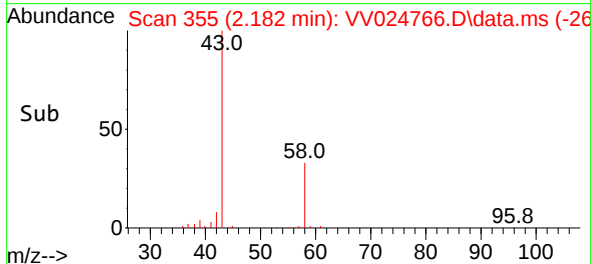
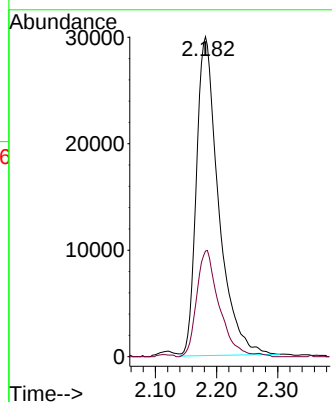
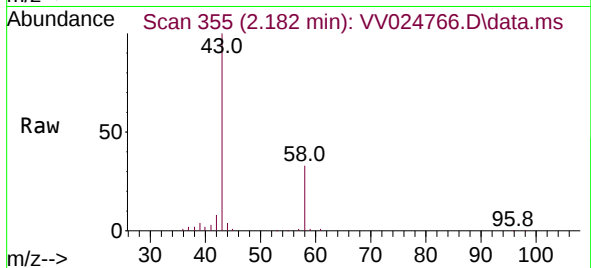
VSTD005318

Tgt Ion: 43 Resp: 75528

Ion Ratio Lower Upper

43 100

58 33.6 0.0 63.6



#14

Carbon disulfide

Concen: 4.853 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024766.D

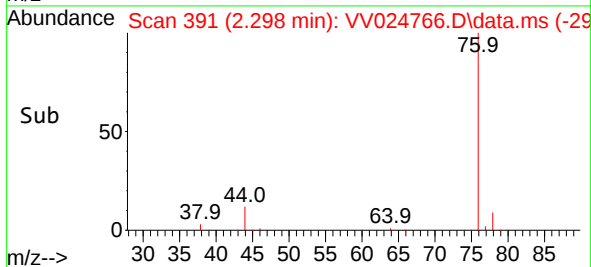
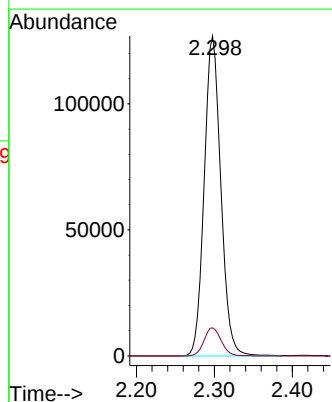
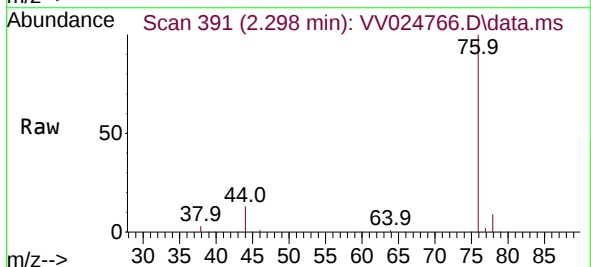
Acq: 18 Feb 2022 20:11

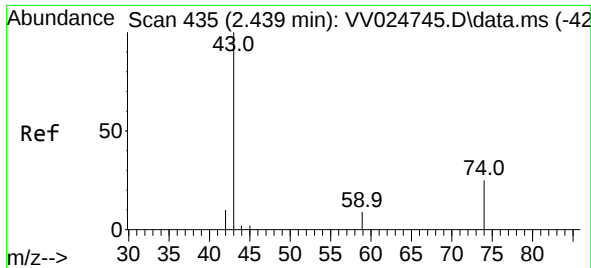
Tgt Ion: 76 Resp: 188203

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

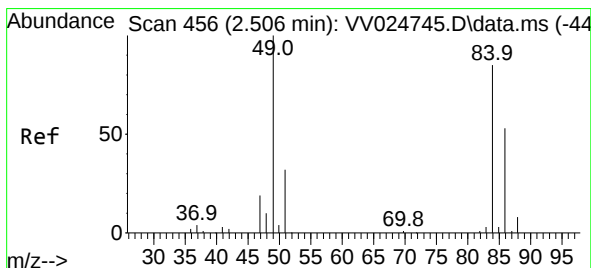
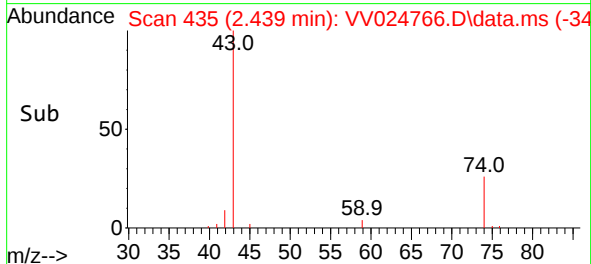
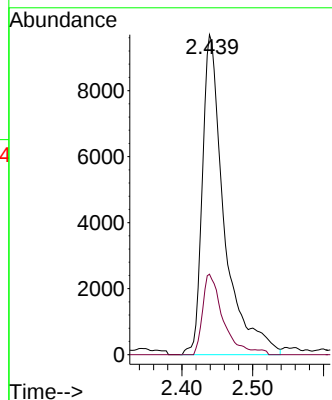
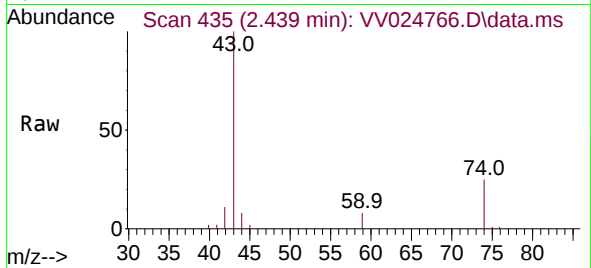




#15
Methyl Acetate
Concen: 5.232 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

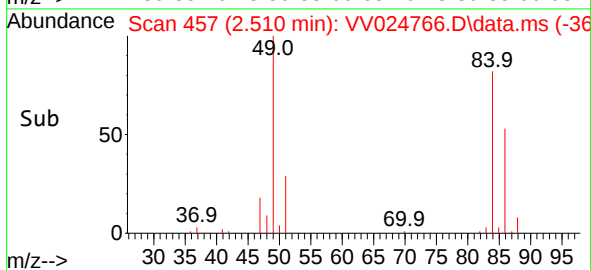
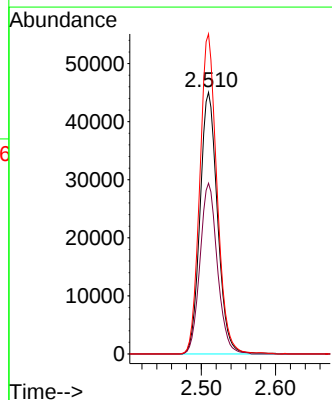
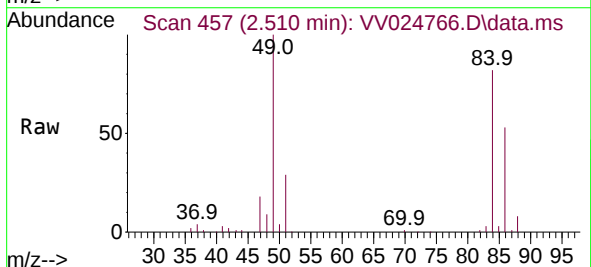
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

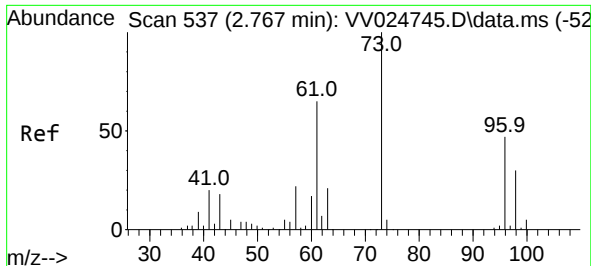
Tgt Ion: 43 Resp: 20765
Ion Ratio Lower Upper
43 100
74 23.7 20.8 31.2



#16
Methylene chloride
Concen: 5.399 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 84 Resp: 73453
Ion Ratio Lower Upper
84 100
86 65.3 45.1 83.7
49 122.3 83.5 155.1

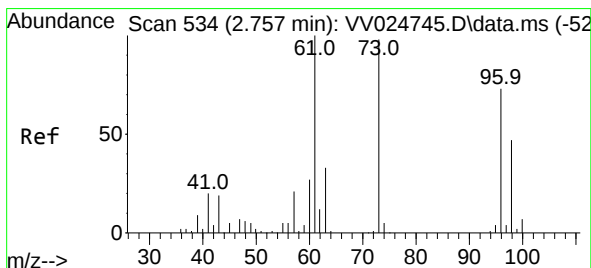
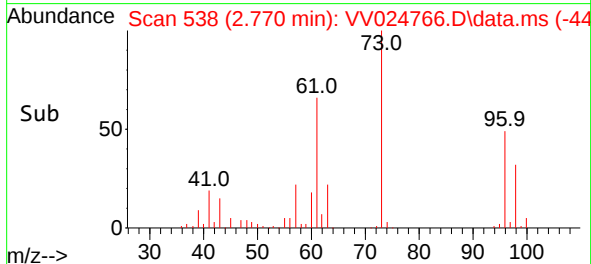
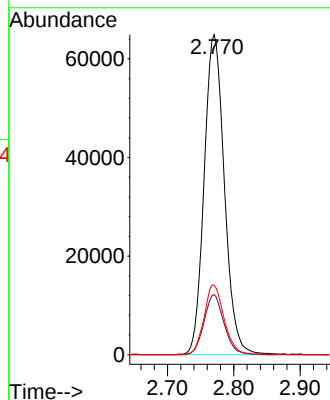
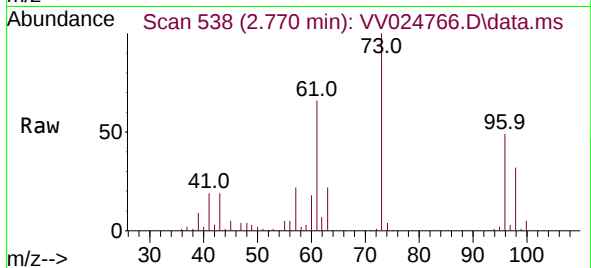




#17
Methyl tert-butyl Ether
Concen: 5.069 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

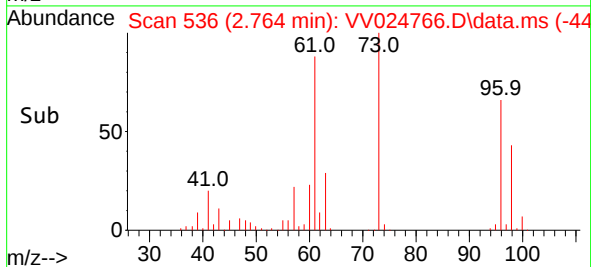
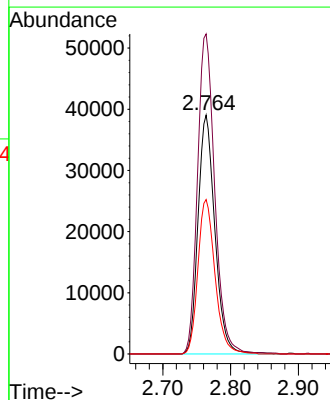
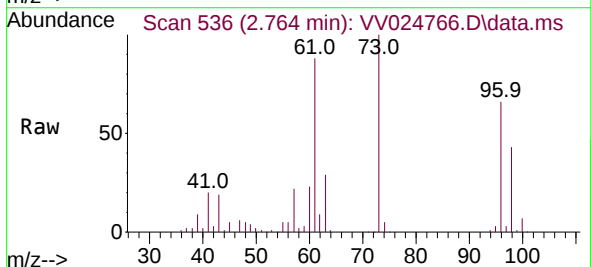
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

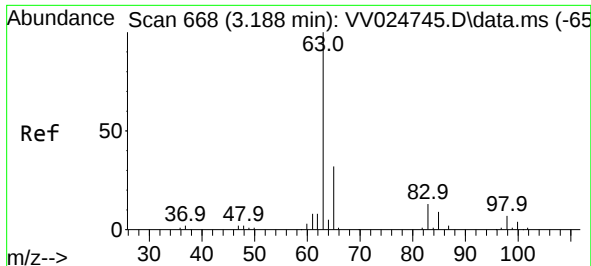
Tgt Ion: 73 Resp: 137682
Ion Ratio Lower Upper
73 100
43 17.9 15.1 22.7
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.997 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 96 Resp: 67429
Ion Ratio Lower Upper
96 100
61 133.9 92.9 172.5
98 64.6 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.042 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

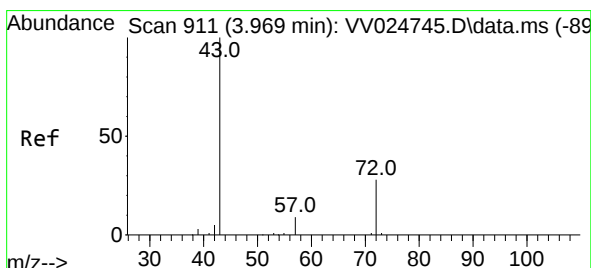
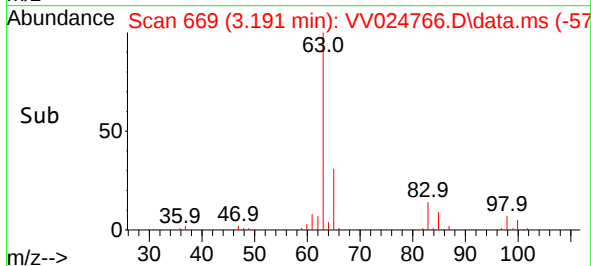
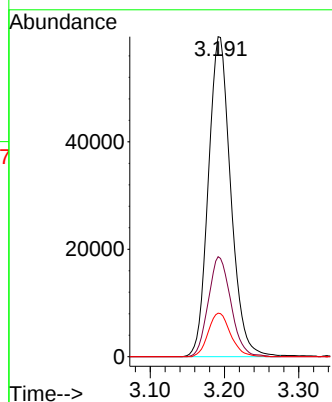
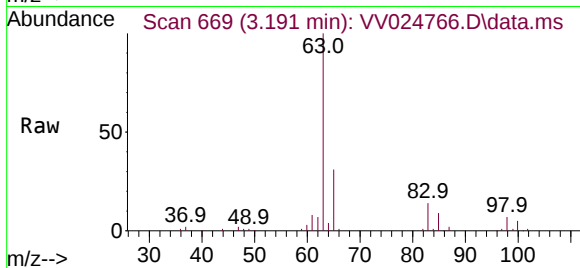
Tgt Ion: 63 Resp: 124594

Ion Ratio Lower Upper

63 100

65 31.3 22.0 40.8

83 13.6 9.5 17.7



#21

2-Butanone

Concen: 53.011 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.003 min

Lab File: VV024766.D

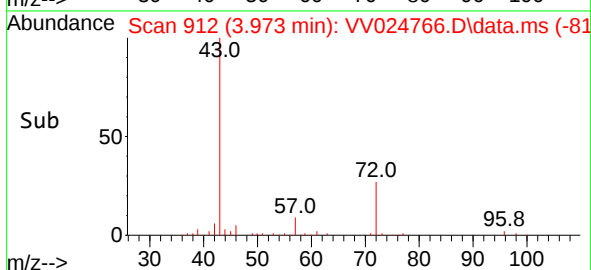
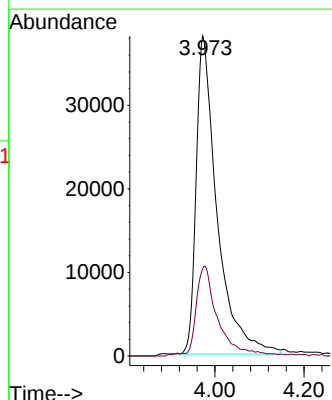
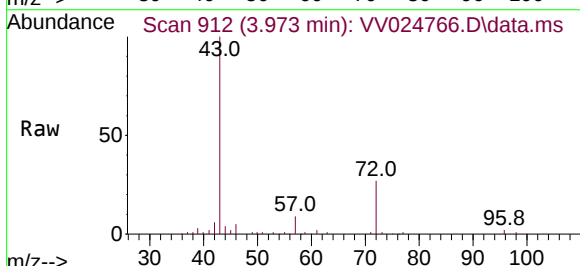
Acq: 18 Feb 2022 20:11

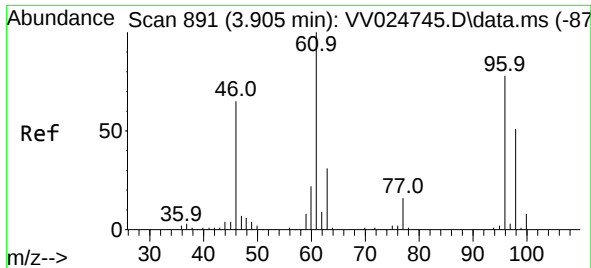
Tgt Ion: 43 Resp: 124178

Ion Ratio Lower Upper

43 100

72 26.4 13.2 39.6

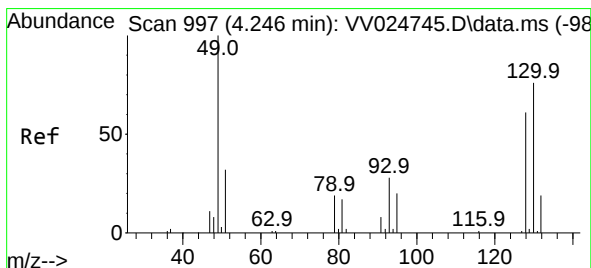
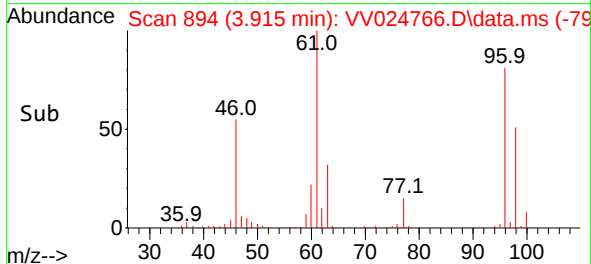
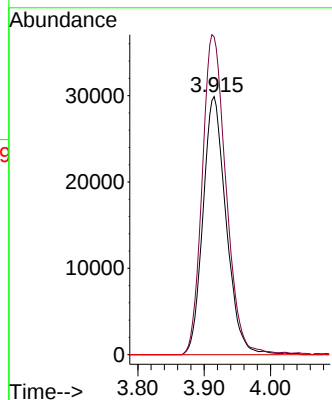
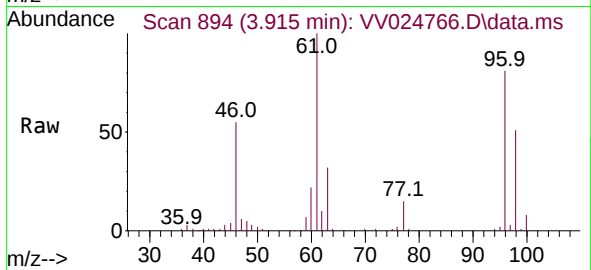




#22
 cis-1,2-Dichloroethene
 Concen: 5.068 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

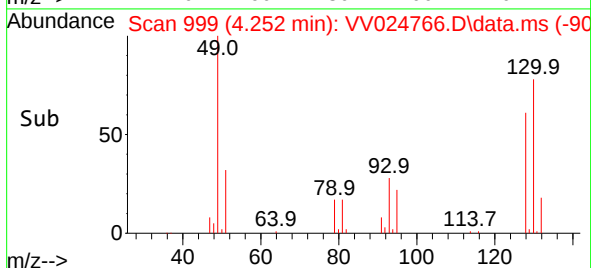
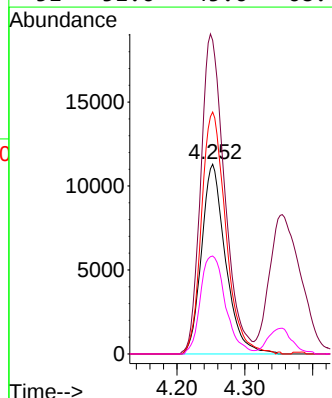
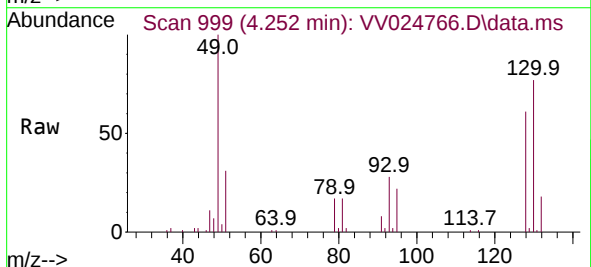
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

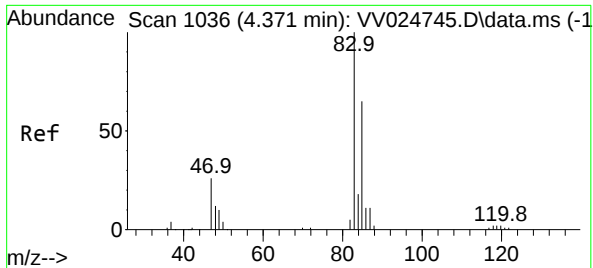
Tgt Ion: 96 Resp: 72288
 Ion Ratio Lower Upper
 96 100
 61 123.2 89.7 166.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.027 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion: 128 Resp: 27717
 Ion Ratio Lower Upper
 128 100
 49 165.2 124.2 230.6
 130 127.5 92.1 171.1
 51 51.6 45.6 68.4

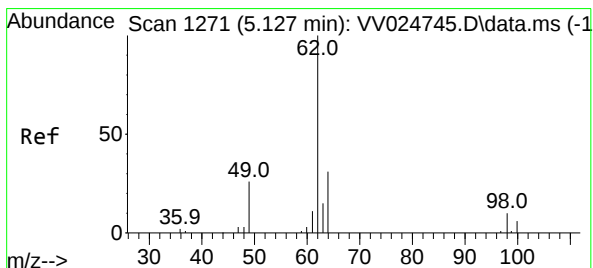
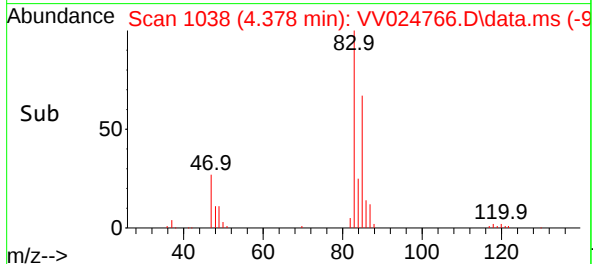
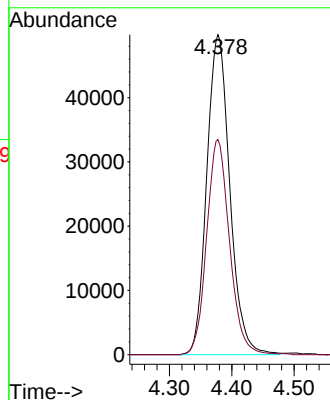
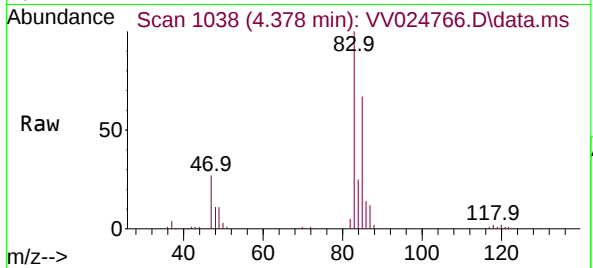




#25
Chloroform
Concen: 4.955 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

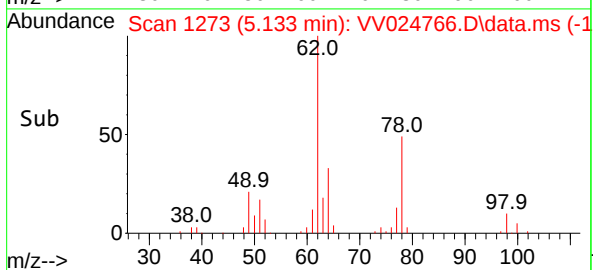
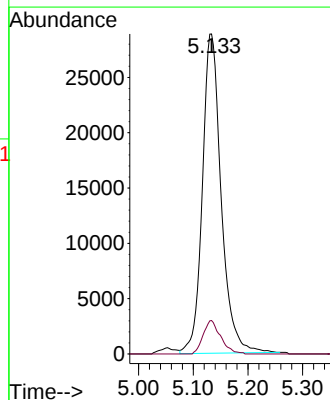
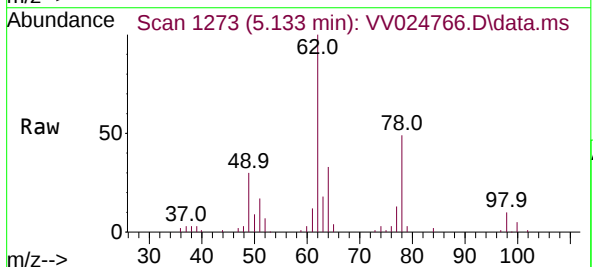
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

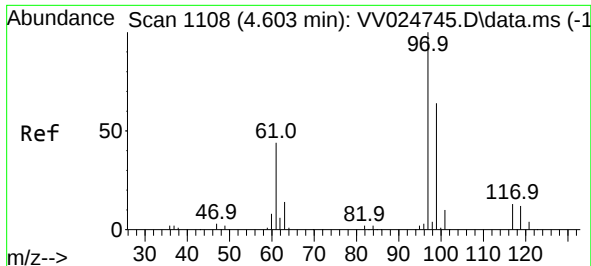
Tgt Ion: 83 Resp: 127894
Ion Ratio Lower Upper
83 100
85 67.3 45.5 84.5



#27
1,2-Dichloroethane
Concen: 5.006 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 62 Resp: 68972
Ion Ratio Lower Upper
62 100
98 10.4 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.091 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

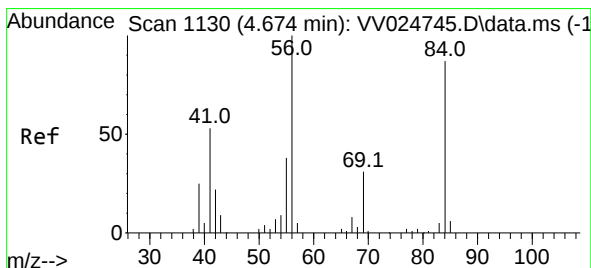
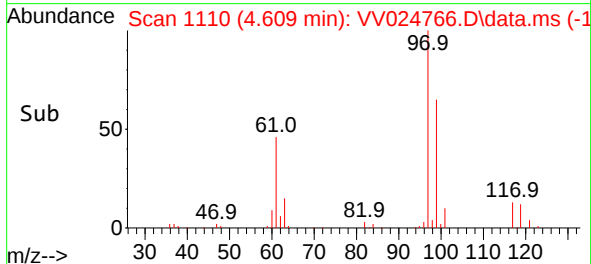
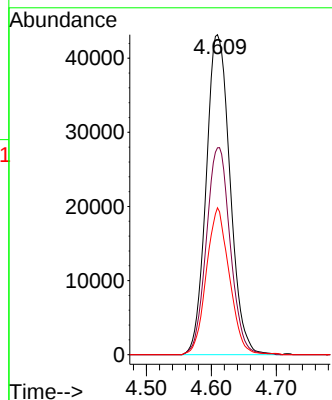
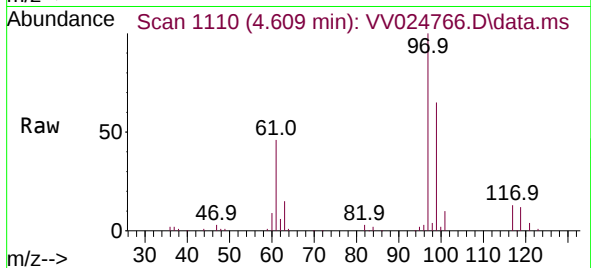
Tgt Ion: 97 Resp: 110438

Ion Ratio Lower Upper

97 100

99 64.8 50.5 75.7

61 44.2 35.8 53.6



#30

Cyclohexane

Concen: 5.057 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

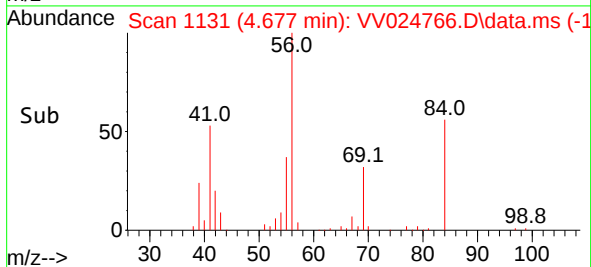
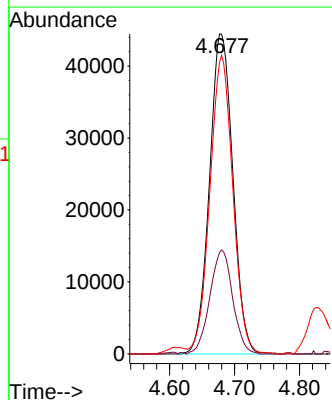
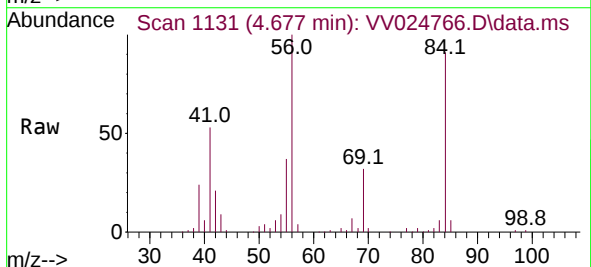
Tgt Ion: 56 Resp: 111277

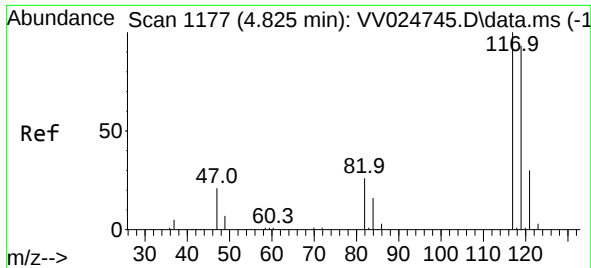
Ion Ratio Lower Upper

56 100

69 31.7 24.6 37.0

84 91.4 71.4 107.0

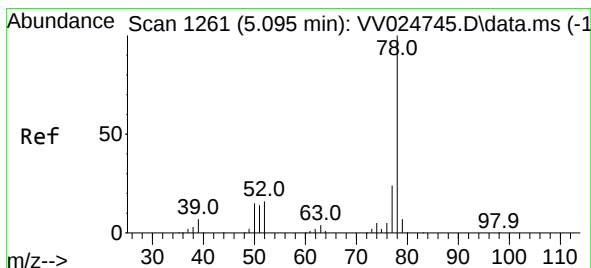
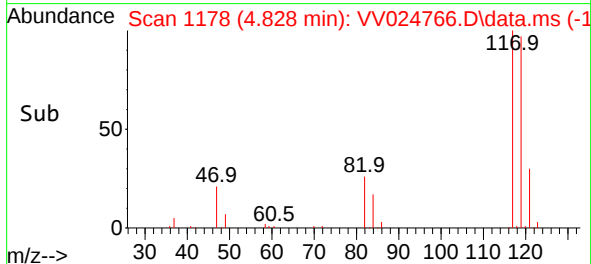
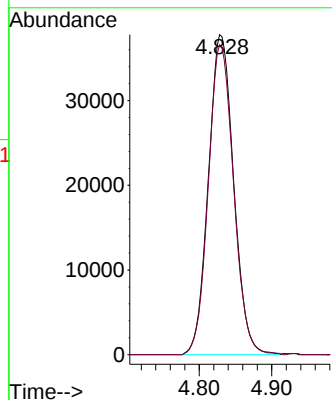
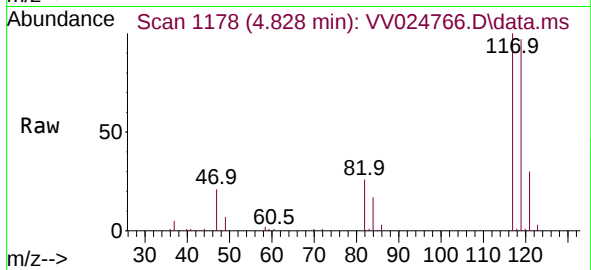




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

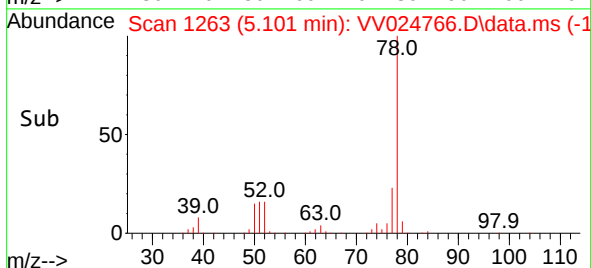
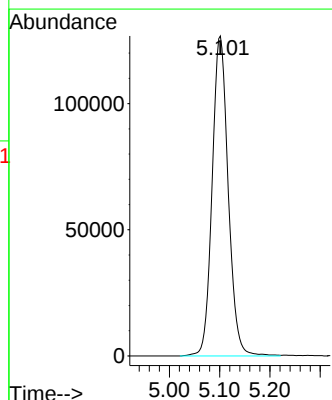
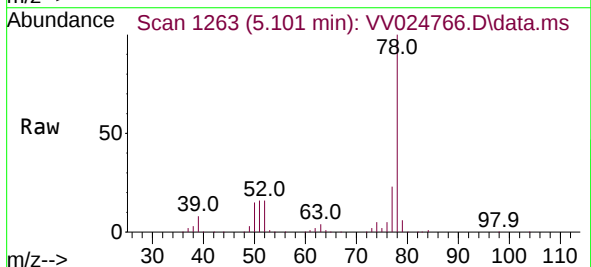
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

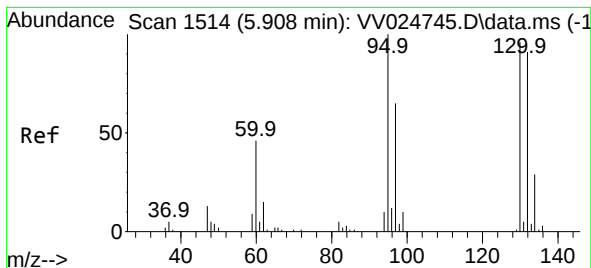
Tgt Ion:117 Resp: 91433
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0



#33
Benzene
Concen: 5.140 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 78 Resp: 281291





#34

Trichloroethene

Concen: 5.267 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

Tgt Ion: 95 Resp: 76354

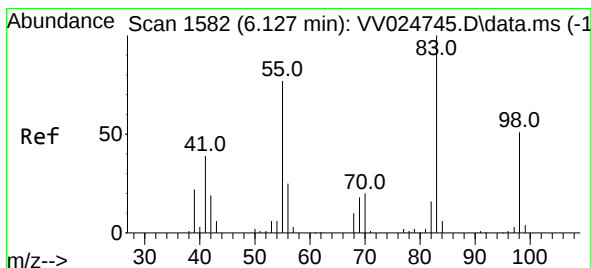
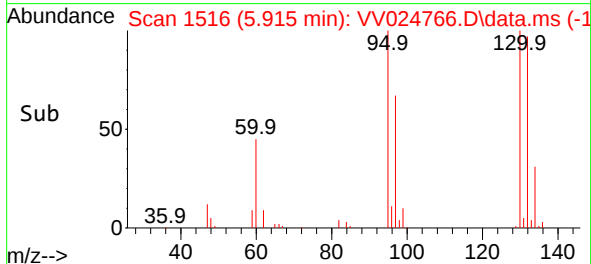
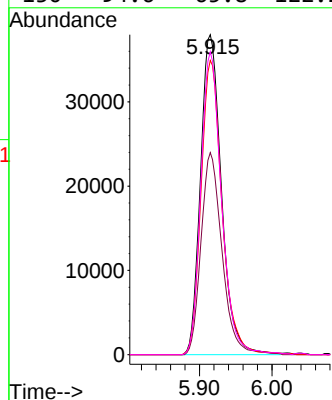
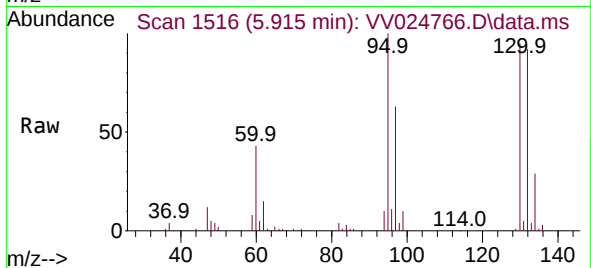
Ion Ratio Lower Upper

95 100

97 63.2 44.2 82.0

132 92.0 62.1 115.3

130 94.6 65.8 122.2



#35

Methylcyclohexane

Concen: 5.211 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

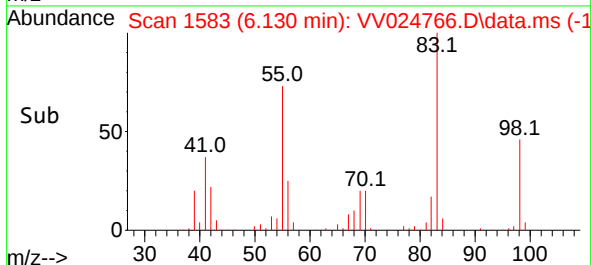
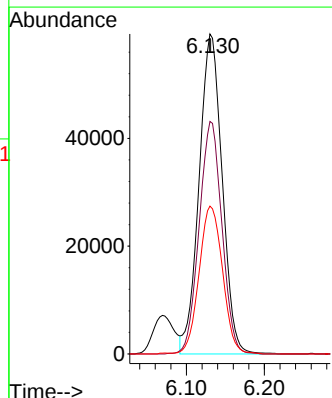
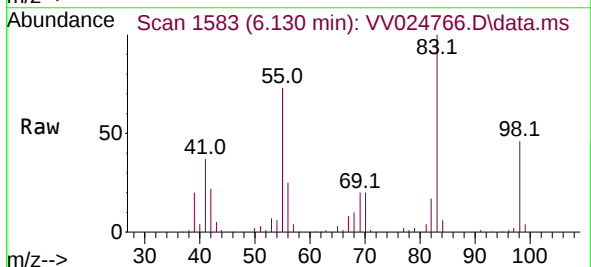
Tgt Ion: 83 Resp: 122040

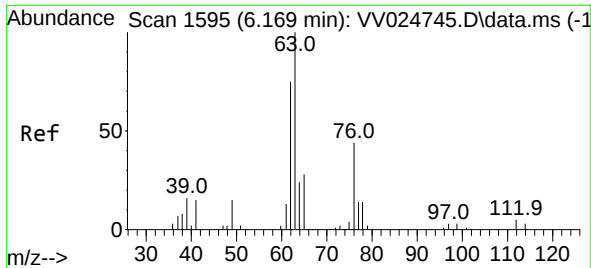
Ion Ratio Lower Upper

83 100

55 71.7 58.8 88.2

98 47.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.261 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

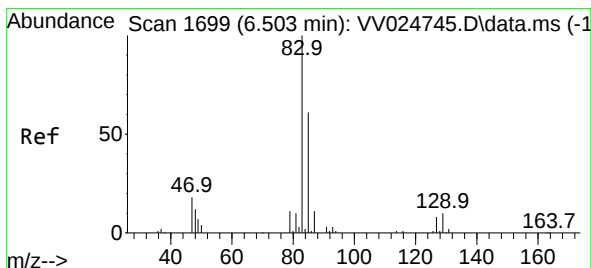
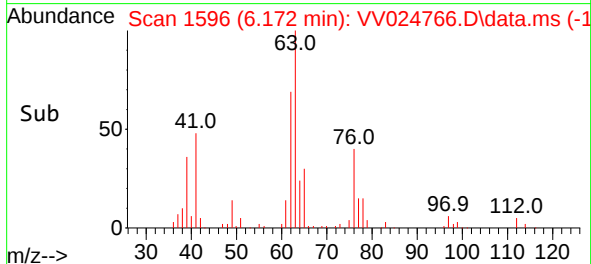
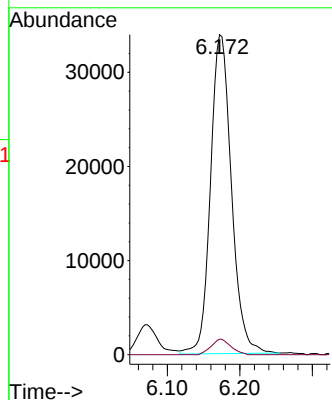
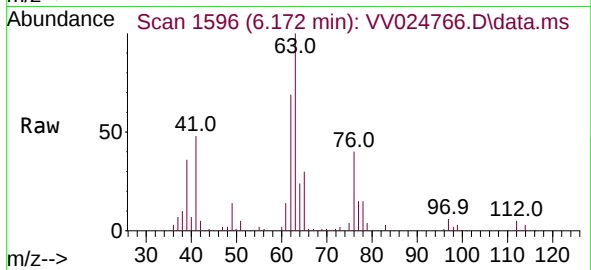
VSTD005318

Tgt Ion: 63 Resp: 68027

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 5.122 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

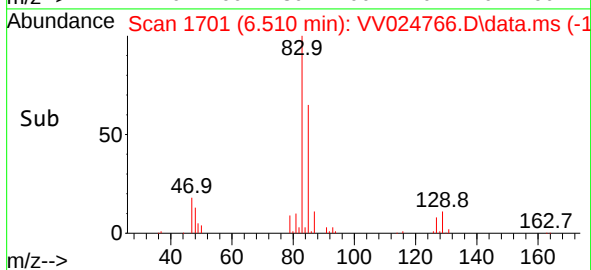
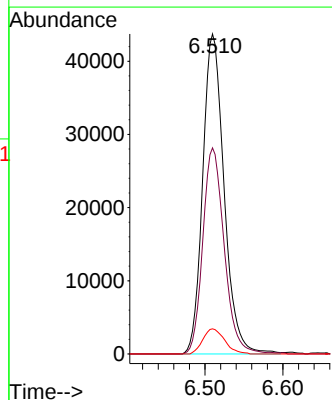
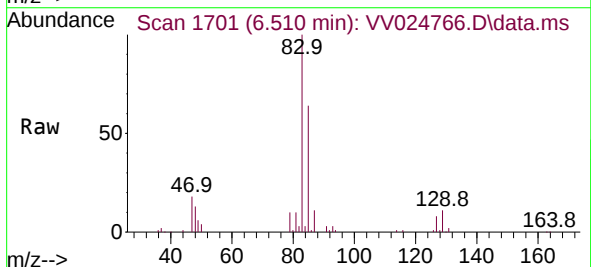
Tgt Ion: 83 Resp: 83355

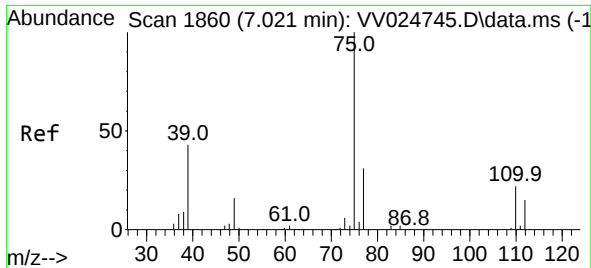
Ion Ratio Lower Upper

83 100

85 64.4 43.5 80.9

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.208 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.007 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

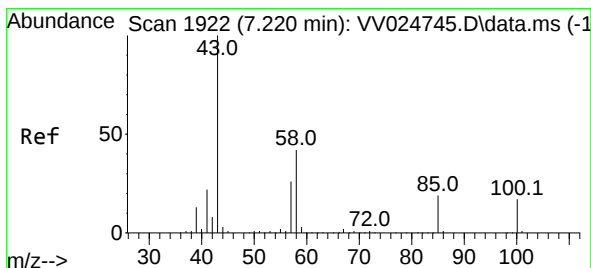
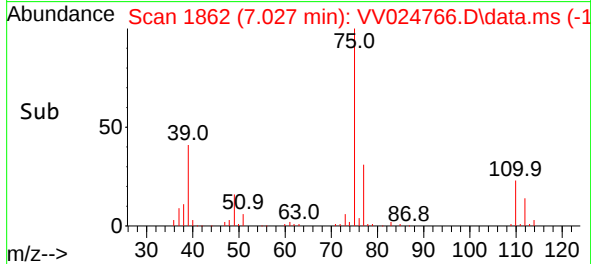
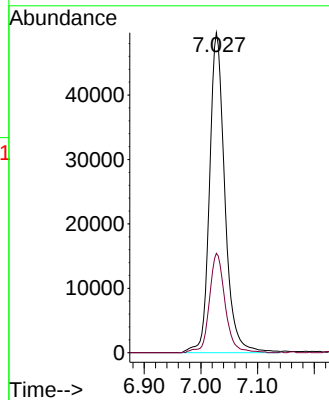
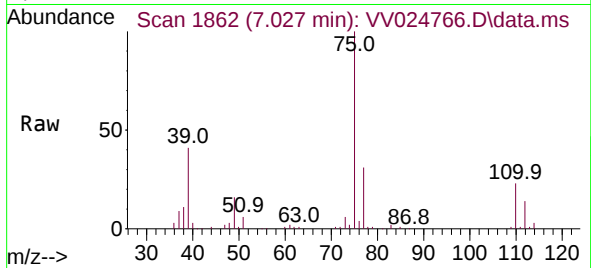
VSTD005318

Tgt Ion: 75 Resp: 93400

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 52.189 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

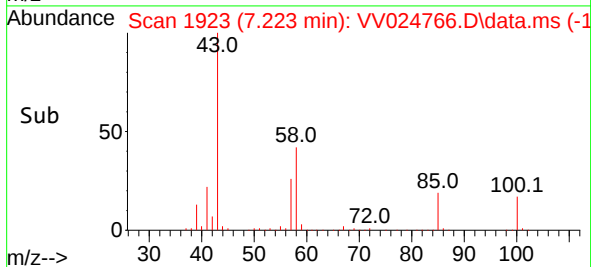
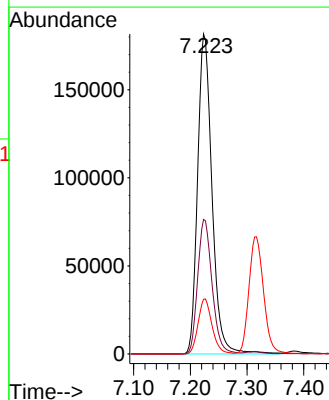
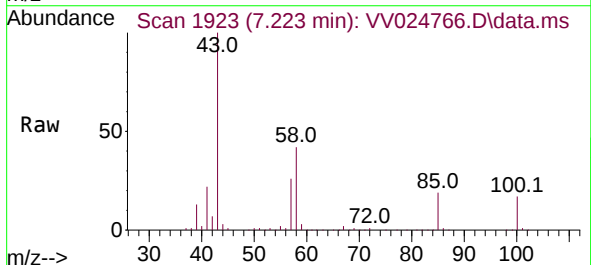
Tgt Ion: 43 Resp: 320988

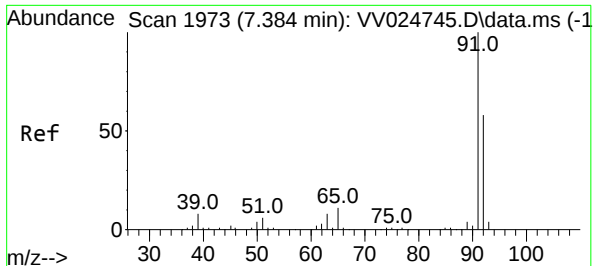
Ion Ratio Lower Upper

43 100

58 42.0 33.0 49.6

100 16.7 13.3 19.9





#42

Toluene

Concen: 5.169 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

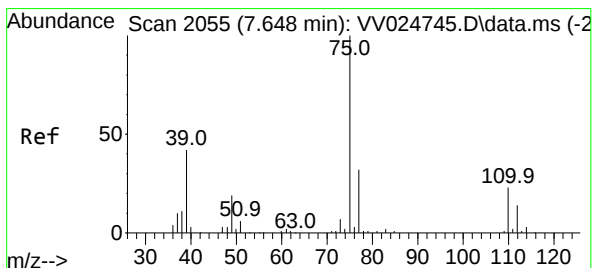
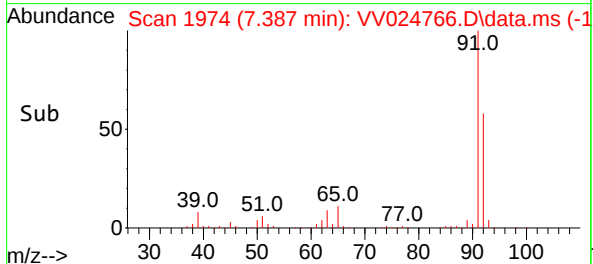
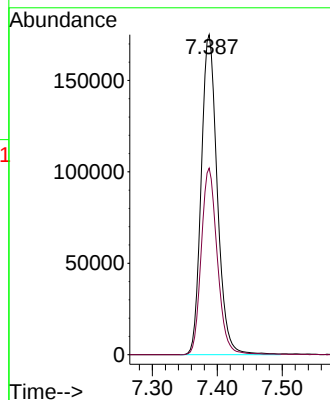
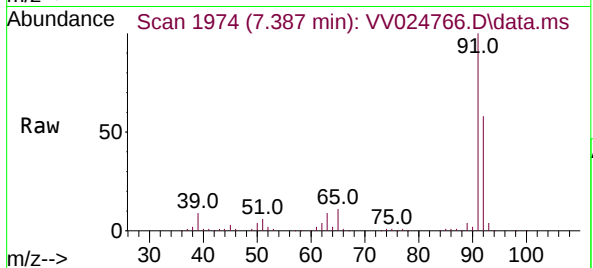
VSTD005318

Tgt Ion: 91 Resp: 301174

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024766.D

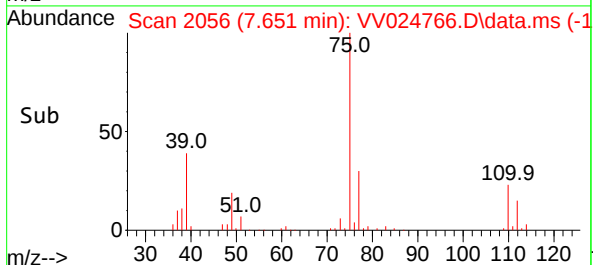
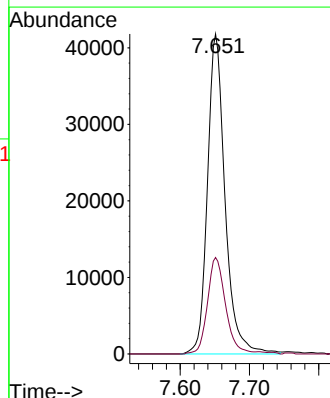
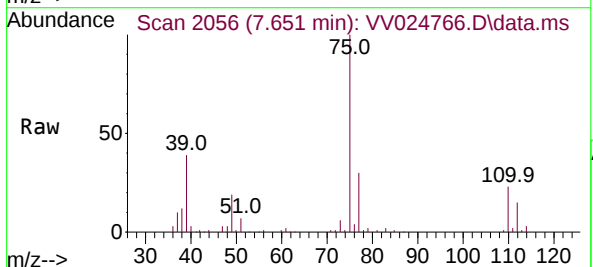
Acq: 18 Feb 2022 20:11

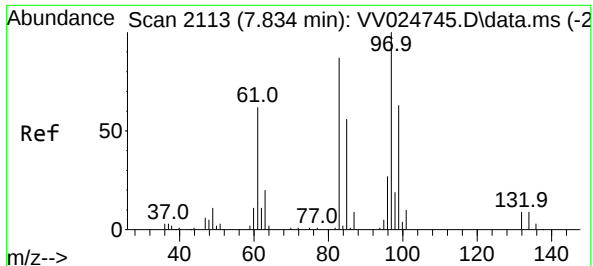
Tgt Ion: 75 Resp: 73537

Ion Ratio Lower Upper

75 100

77 30.2 23.5 43.7

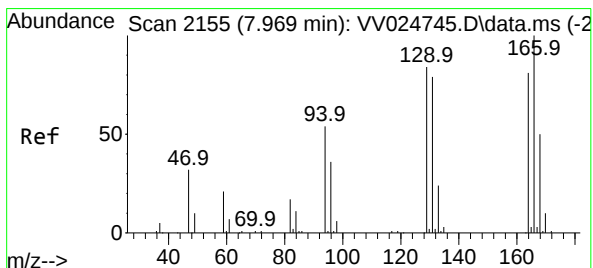
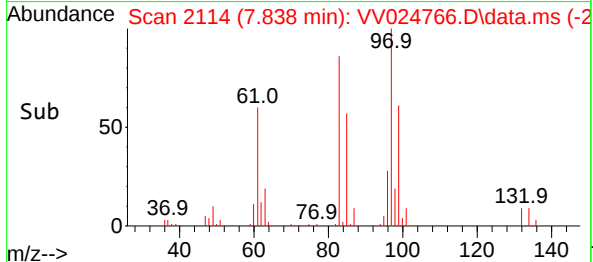
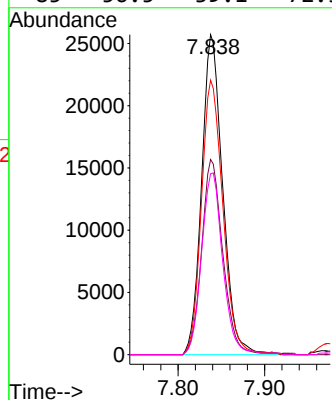
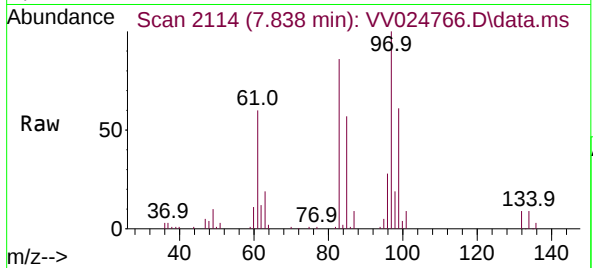




#45
1,1,2-Trichloroethane
Concen: 5.155 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

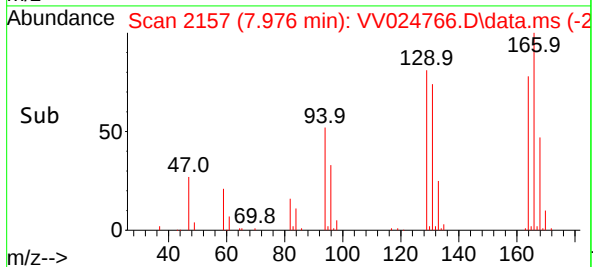
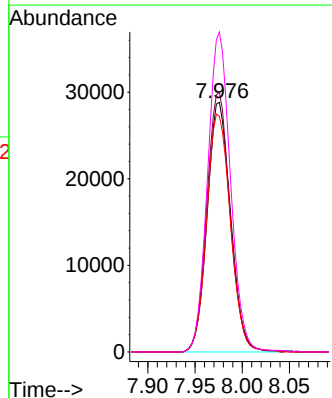
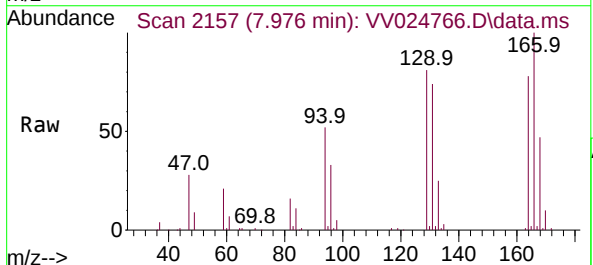
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

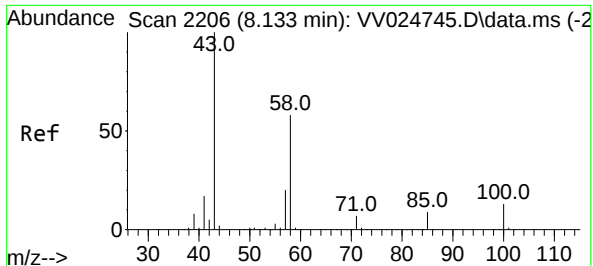
Tgt Ion:	97	Resp:	43359
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.8	81.3
83	85.8	61.3	113.9
85	56.5	39.1	72.5



#47
Tetrachloroethene
Concen: 5.035 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion:	164	Resp:	49708
Ion	Ratio	Lower	Upper
164	100		
129	104.1	70.3	130.7
131	94.5	67.7	125.7
166	128.2	88.3	164.1

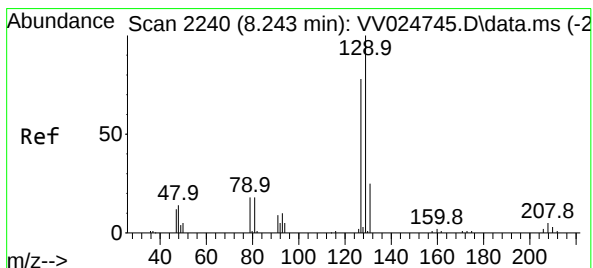
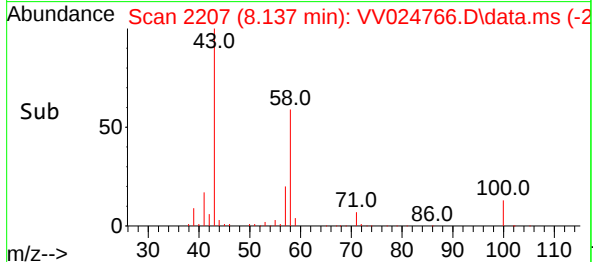
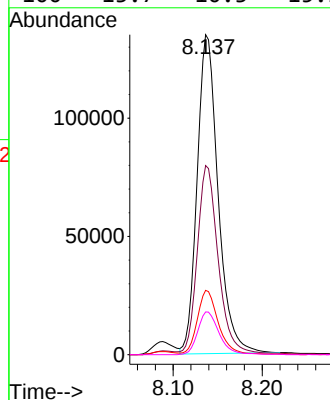
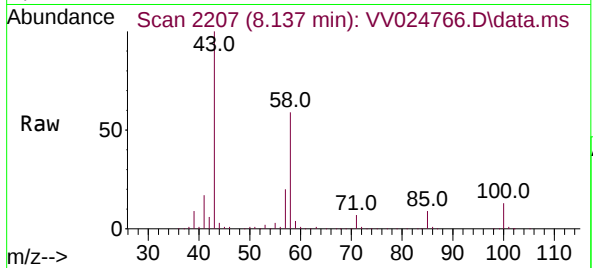




#48
2-Hexanone
Concen: 51.157 ug/L
RT: 8.137 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

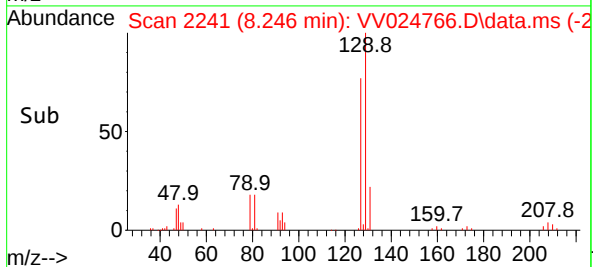
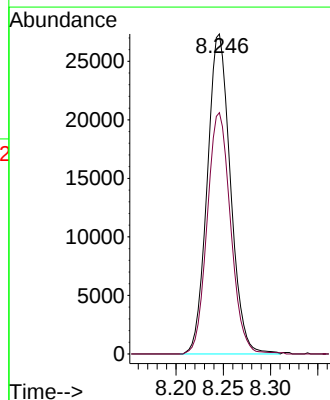
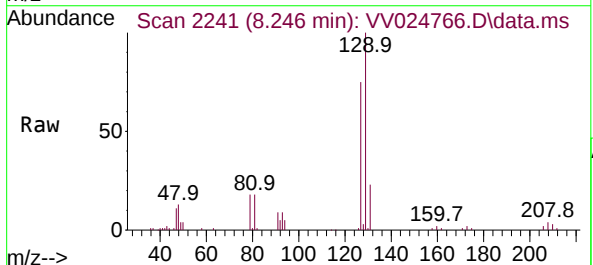
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

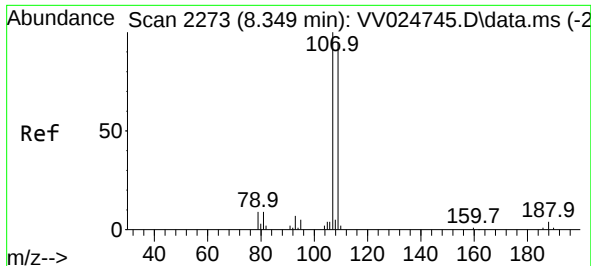
Tgt Ion:	43	Resp:	221220
Ion	Ratio	Lower	Upper
43	100		
58	59.5	46.0	69.0
57	20.6	15.7	23.5
100	13.7	10.3	15.5



#49
Dibromochloromethane
Concen: 4.998 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion:	129	Resp:	46651
Ion	Ratio	Lower	Upper
129	100		
127	75.4	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.197 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

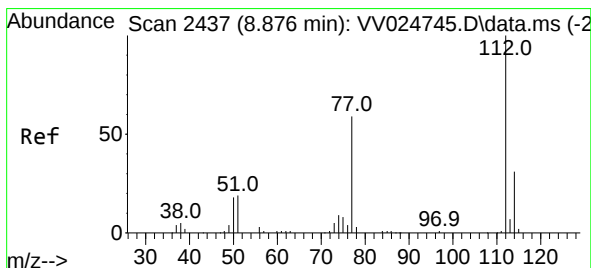
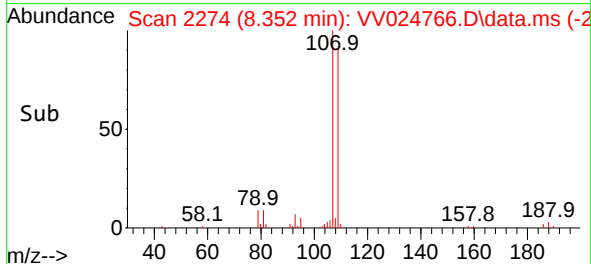
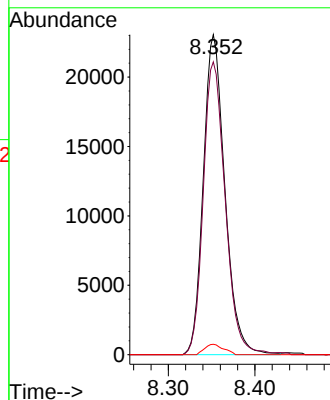
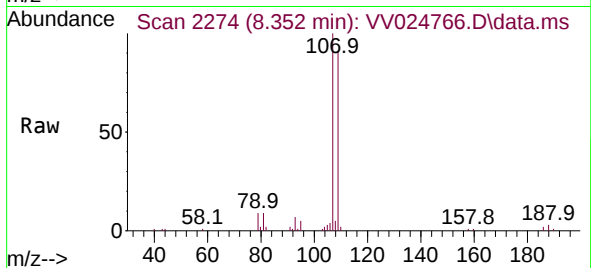
Tgt Ion:107 Resp: 39888

Ion Ratio Lower Upper

107 100

109 91.5 65.6 121.8

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 5.057 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

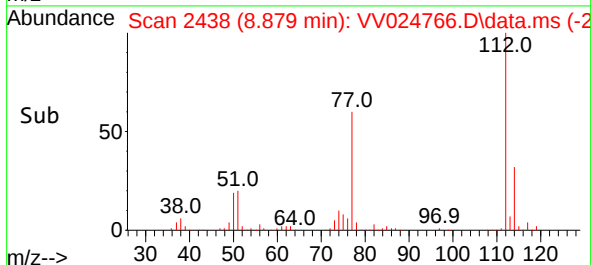
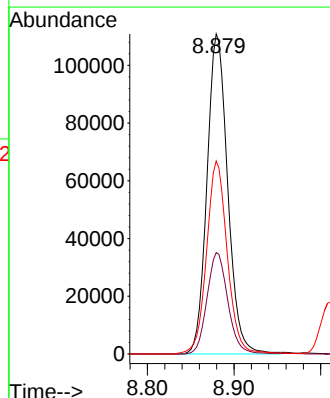
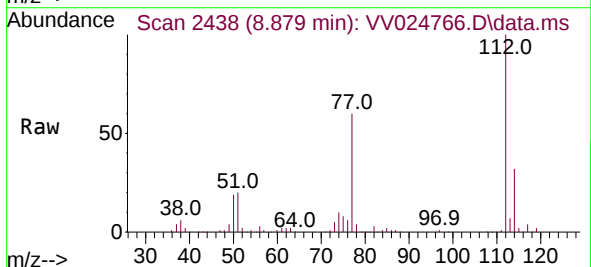
Tgt Ion:112 Resp: 184343

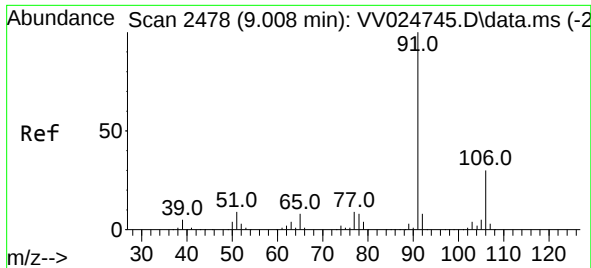
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 60.3 48.4 72.6

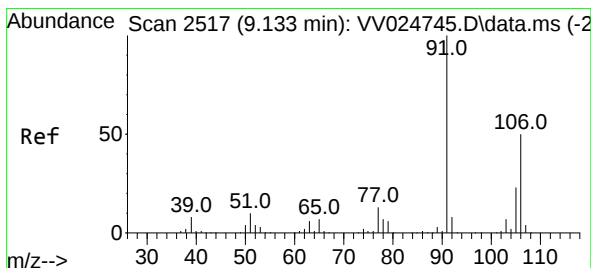
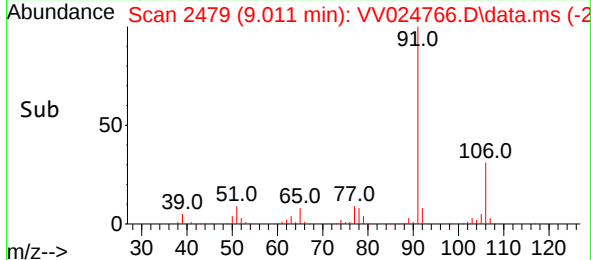
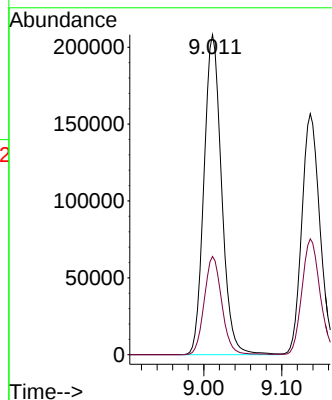
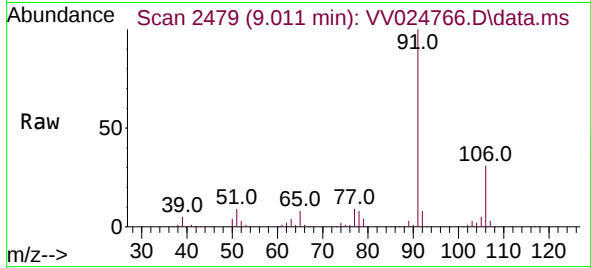




#52
Ethylbenzene
Concen: 5.145 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

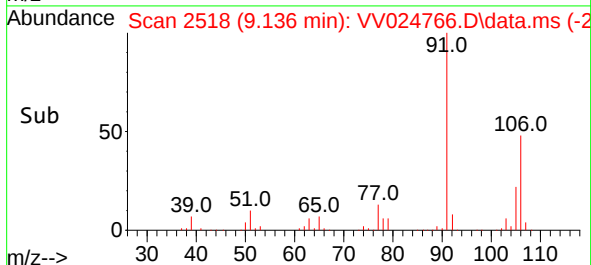
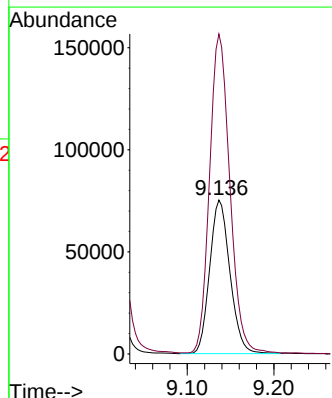
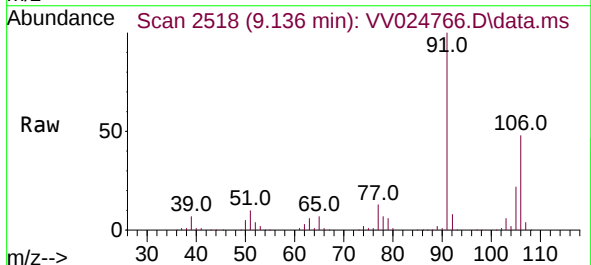
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

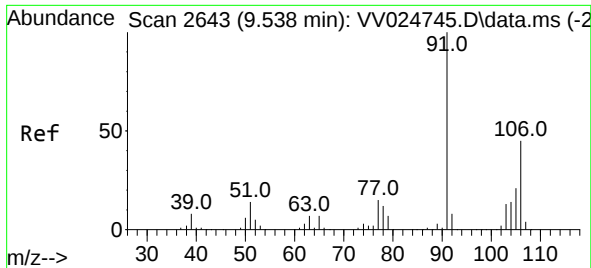
Tgt Ion: 91 Resp: 327146
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-xylene
Concen: 5.079 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion:106 Resp: 122093
Ion Ratio Lower Upper
106 100
91 208.0 143.6 266.6

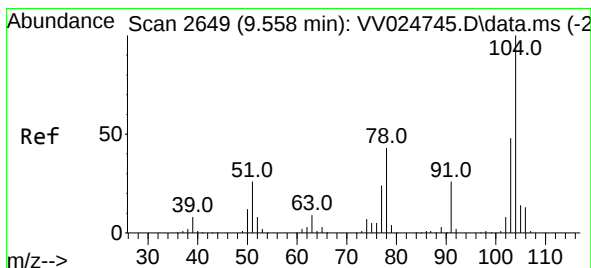
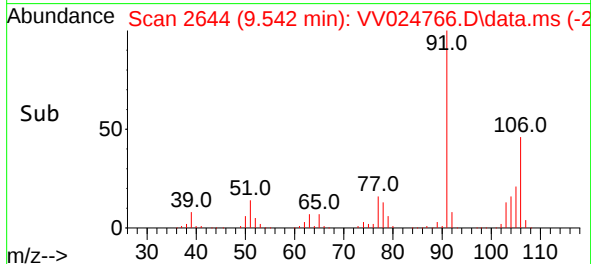
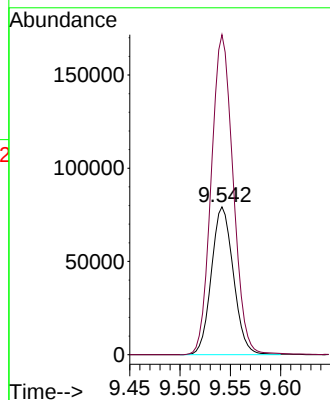
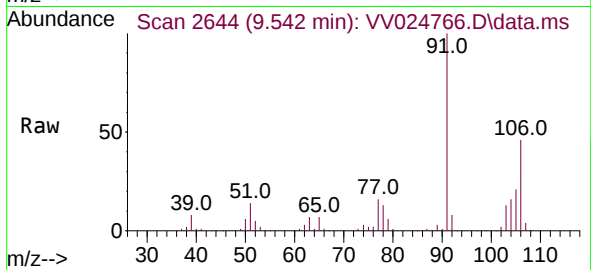




#54
o-xylene
Concen: 5.136 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

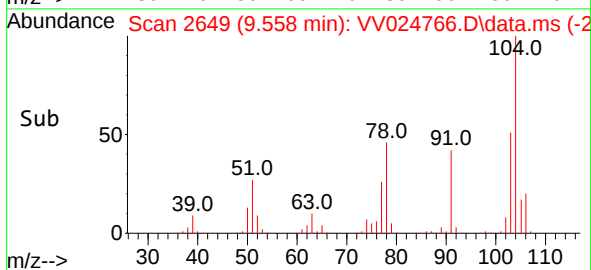
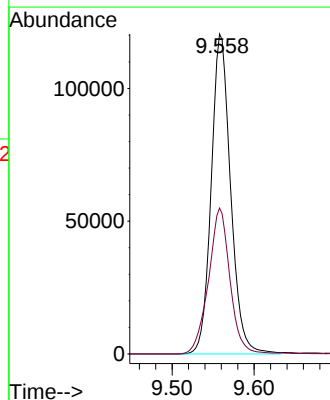
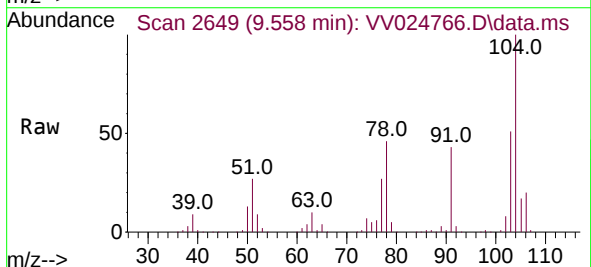
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

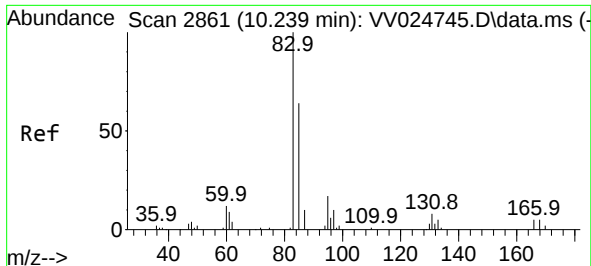
Tgt Ion:106 Resp: 120645
Ion Ratio Lower Upper
106 100
91 216.4 152.2 282.7



#55
Styrene
Concen: 5.192 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion:104 Resp: 198368
Ion Ratio Lower Upper
104 100
78 45.6 32.0 59.4

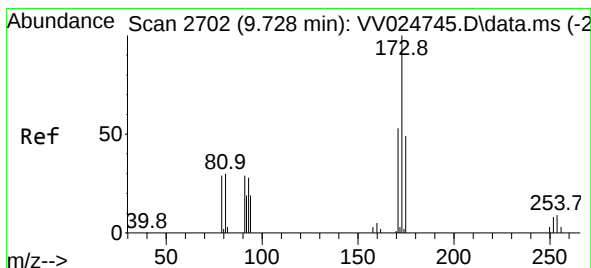
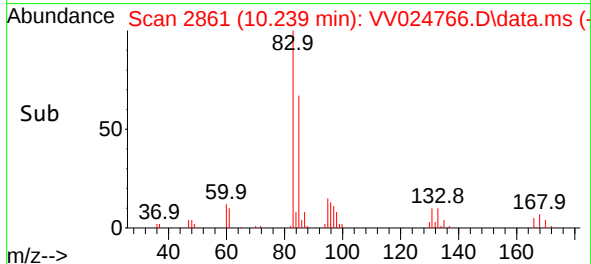
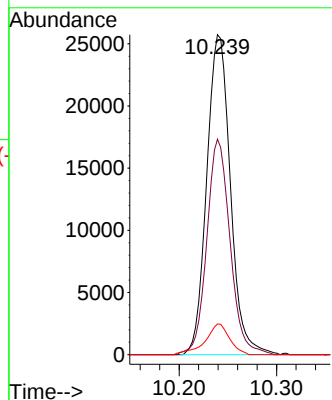
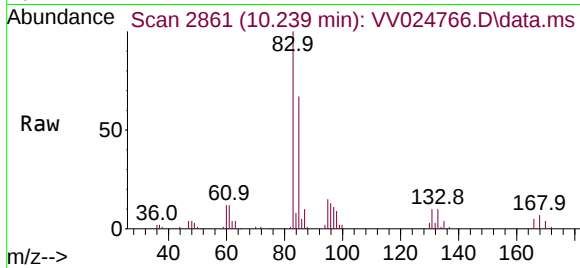




#57
1,1,2,2-Tetrachloroethane
Concen: 4.879 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

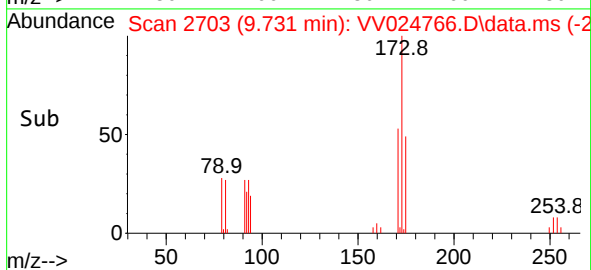
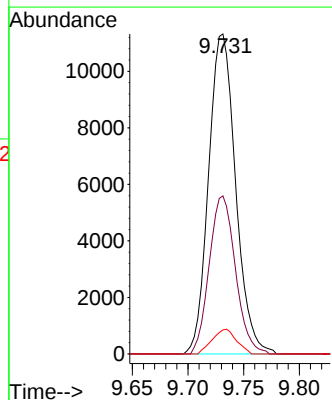
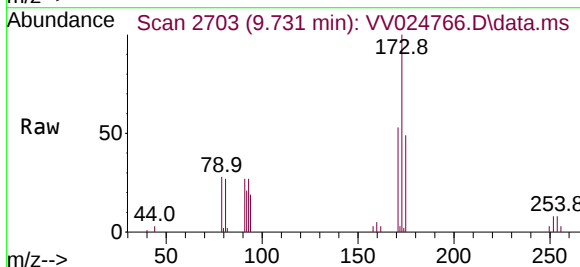
Instrument : MSVOA_V
ClientSampleId : VSTD005318

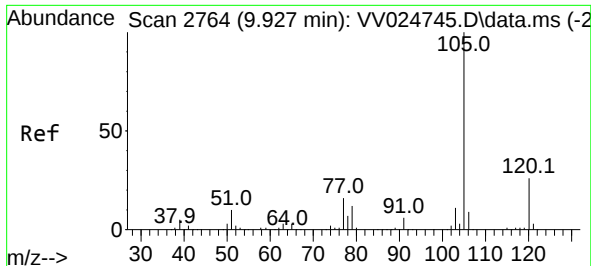
Tgt Ion: 83 Resp: 43406
Ion Ratio Lower Upper
83 100
85 67.3 43.9 81.5
131 9.6 7.0 10.4



#59
Bromoform
Concen: 4.855 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 173 Resp: 19118
Ion Ratio Lower Upper
173 100
175 47.8 39.4 59.0
254 6.9 7.0 10.4

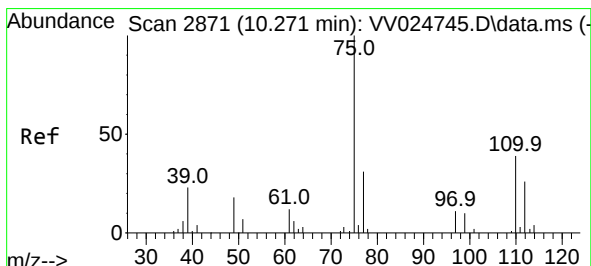
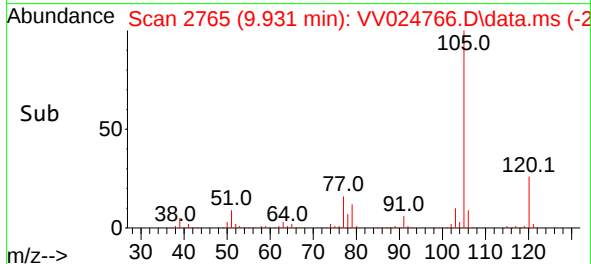
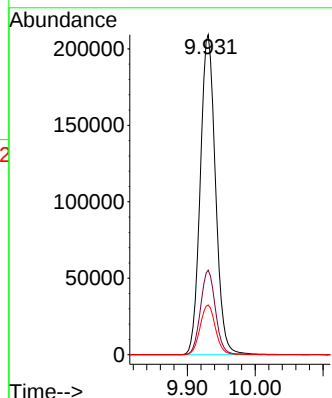
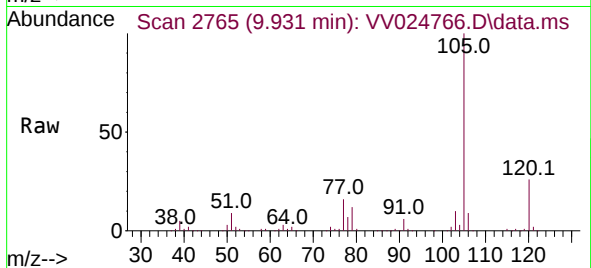




#60
Isopropylbenzene
Concen: 5.067 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

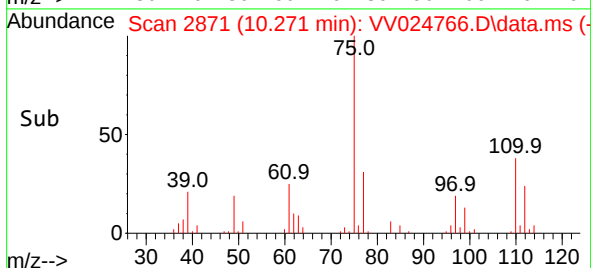
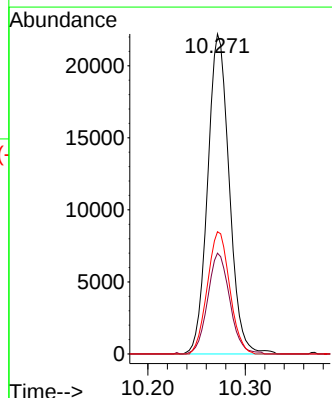
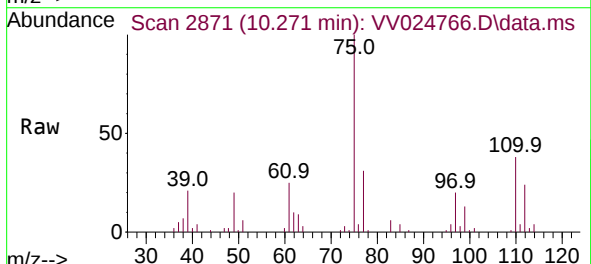
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

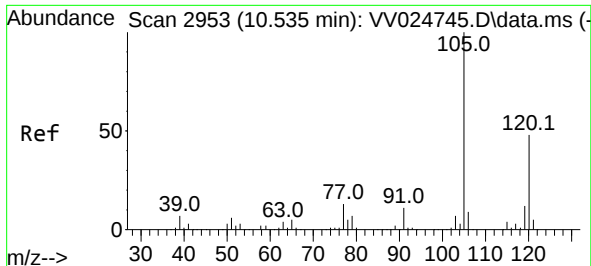
Tgt Ion:105 Resp: 326030
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.840 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion: 75 Resp: 34120
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5
110 39.6 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 5.088 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024766.D

Acq: 18 Feb 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

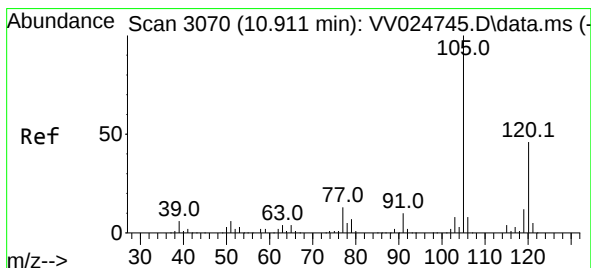
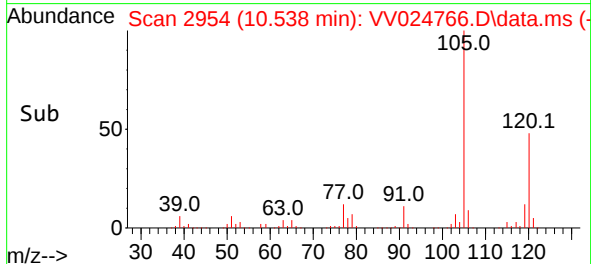
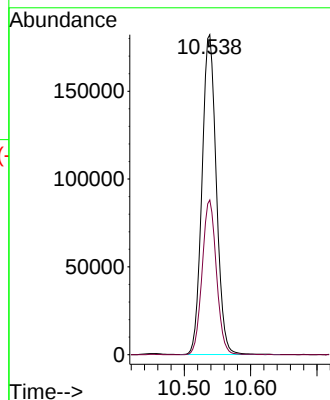
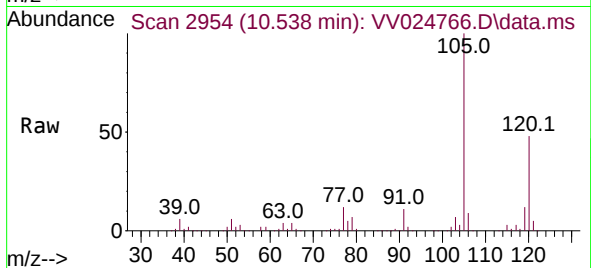
VSTD005318

Tgt Ion:105 Resp: 272873

Ion Ratio Lower Upper

105 100

120 48.1 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.157 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024766.D

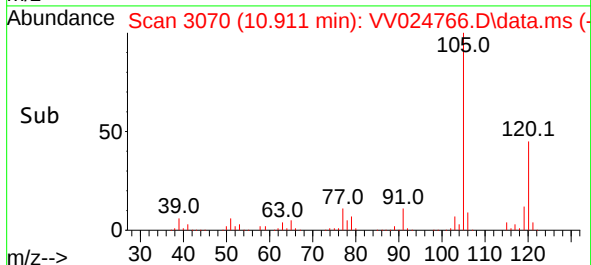
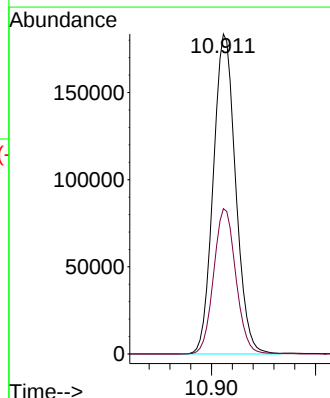
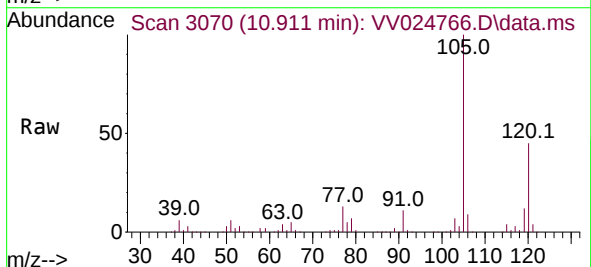
Acq: 18 Feb 2022 20:11

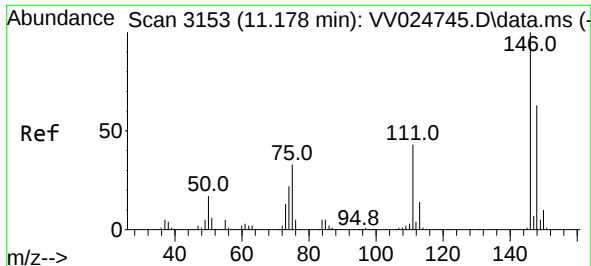
Tgt Ion:105 Resp: 274539

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9

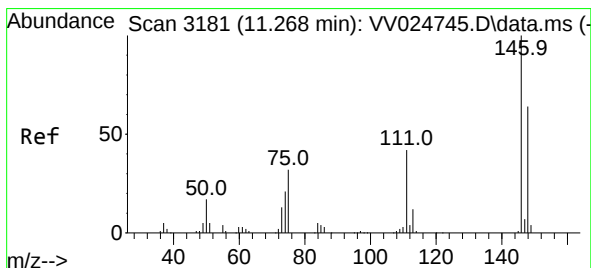
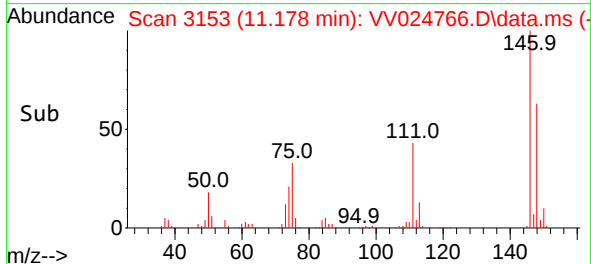
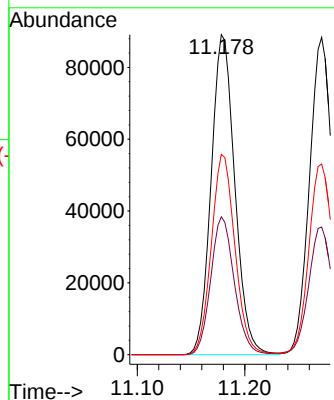
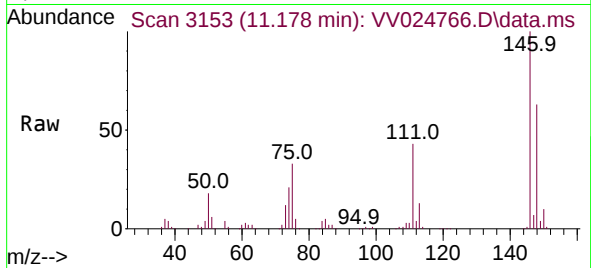




#64
 1,3-Dichlorobenzene
 Concen: 5.029 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

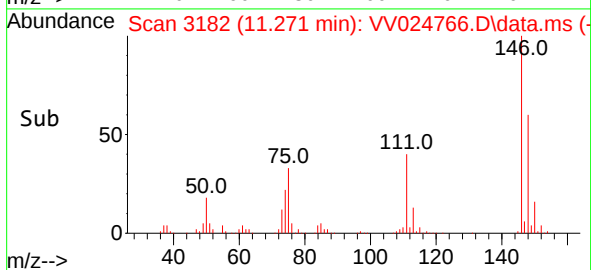
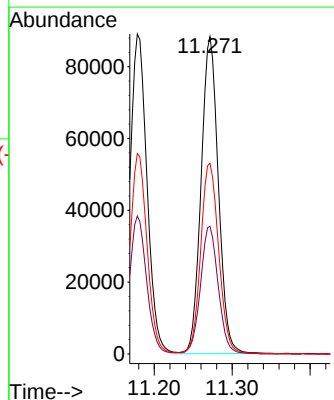
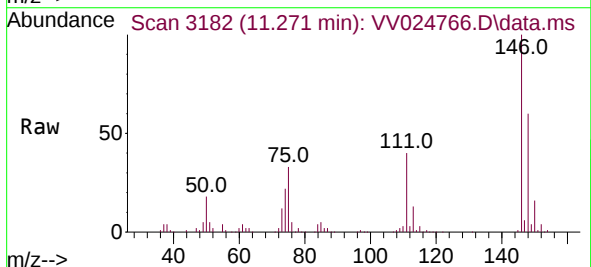
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

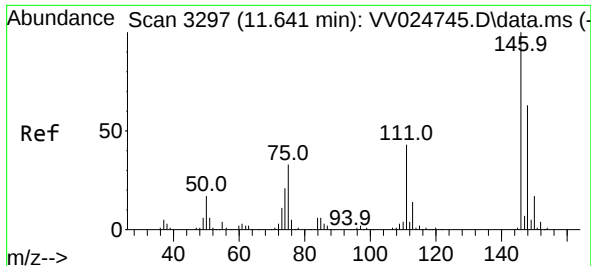
Tgt Ion:146 Resp: 136451
 Ion Ratio Lower Upper
 146 100
 111 43.1 31.0 57.6
 148 62.6 45.4 84.4



#65
 1,4-Dichlorobenzene
 Concen: 5.010 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion:146 Resp: 135775
 Ion Ratio Lower Upper
 146 100
 111 40.3 28.3 52.7
 148 60.1 44.0 81.8

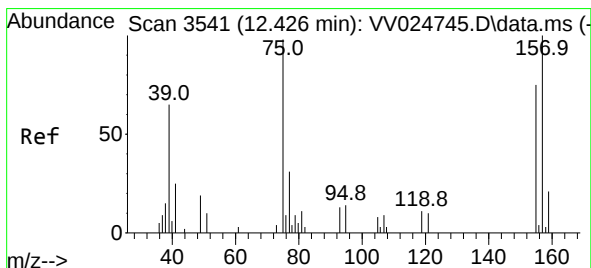
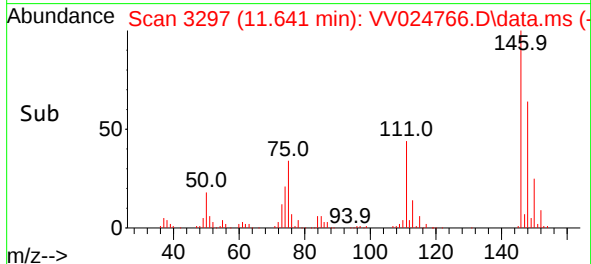
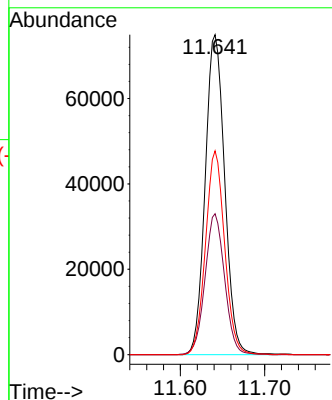
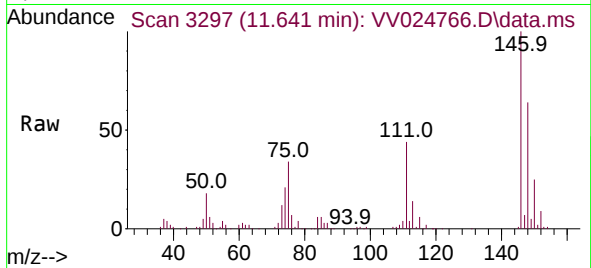




#67
 1,2-Dichlorobenzene
 Concen: 5.043 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

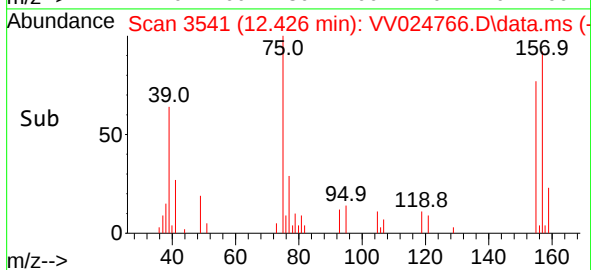
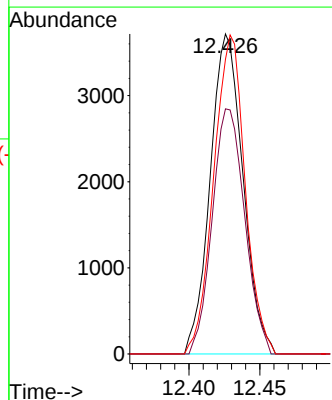
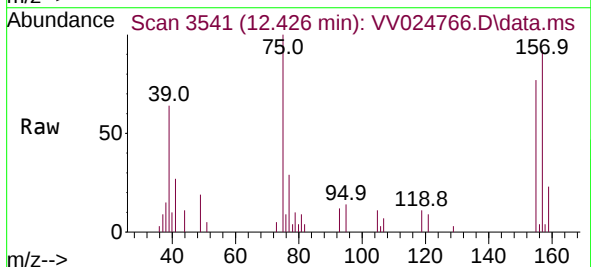
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

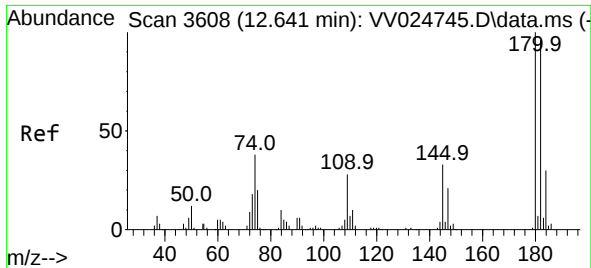
Tgt Ion:146 Resp: 120699
 Ion Ratio Lower Upper
 146 100
 111 44.0 36.0 54.0
 148 63.7 50.4 75.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.967 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion: 75 Resp: 5986
 Ion Ratio Lower Upper
 75 100
 155 76.6 61.7 92.5
 157 92.1 73.5 110.3

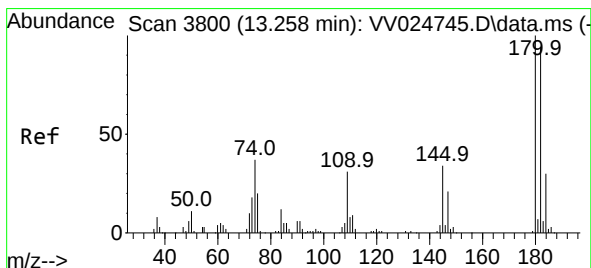
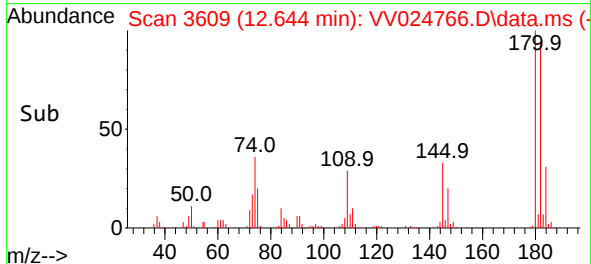
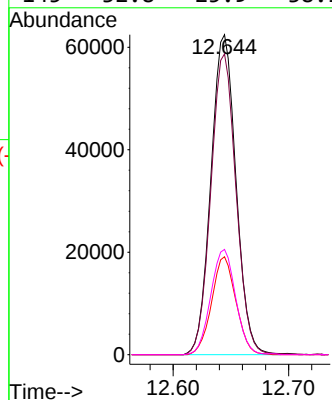
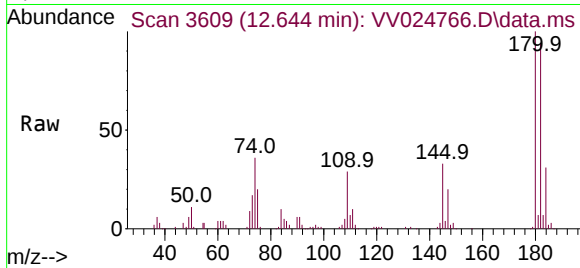




#69
 1,3,5-Trichlorobenzene
 Concen: 4.894 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

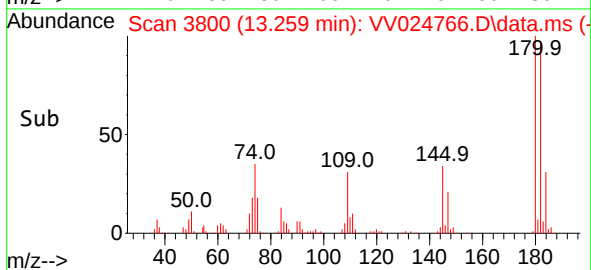
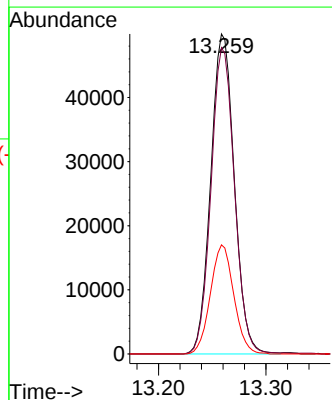
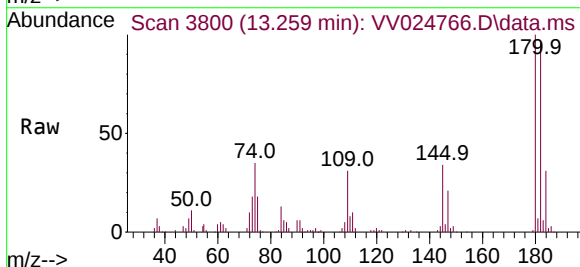
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

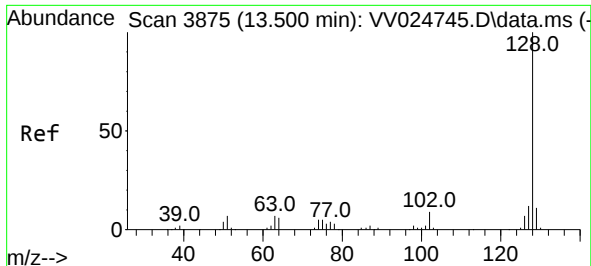
Tgt Ion:180	Resp:	94161
Ion Ratio	Lower	Upper
180	100	
182	94.4	74.6 111.8
184	29.6	23.8 35.8
145	32.8	25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.016 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024766.D
 Acq: 18 Feb 2022 20:11

Tgt Ion:180	Resp:	76030
Ion Ratio	Lower	Upper
180	100	
182	95.3	75.0 112.6
145	33.8	26.9 40.3

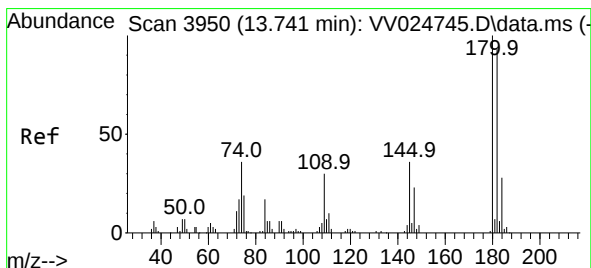
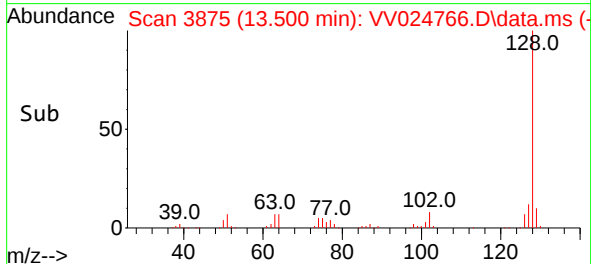
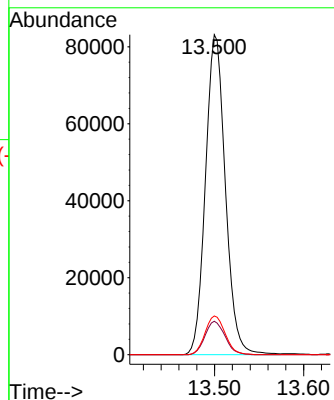
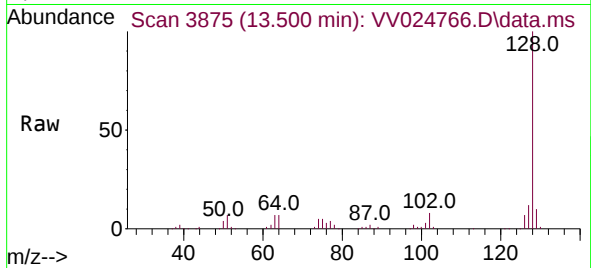




#71
Naphthalene
Concen: 4.994 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

Tgt Ion:128 Resp: 128740
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.007 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024766.D
Acq: 18 Feb 2022 20:11

Tgt Ion:180 Resp: 63529
Ion Ratio Lower Upper
180 100
182 93.8 75.6 113.4
145 36.0 28.5 42.7

