

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025222.D
 Acq On : 27 Mar 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005351

Quant Time: Mar 28 02:06:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	150653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63993	4.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.571	69	55817	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.111	63	139248	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.902	46	78445	53.226	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.460%
24) Chloroform-d	4.352	84	96965	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.034	65	43374	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.053	84	195403	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.069	67	55742	5.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.317	98	186278	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.622	79	17458	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.088	63	65516	52.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35244	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	60615	4.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	78345	4.952	ug/L	98
3) Chloromethane	1.243	50	81536	4.369	ug/L	100
5) Vinyl chloride	1.314	62	91102	4.371	ug/L	96
6) Bromomethane	1.526	94	56648	4.579	ug/L	99
8) Chloroethane	1.587	64	59021	4.512	ug/L	98
9) Trichlorofluoromethane	1.757	101	139597	4.955	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	75455	4.509	ug/L	100
12) 1,1-Dichloroethene	2.121	96	73481	4.608	ug/L	93
13) Acetone	2.188	43	57084	50.758	ug/L	80
14) Carbon disulfide	2.297	76	160658	4.863	ug/L	98
15) Methyl Acetate	2.445	43	13795	5.388	ug/L	97
16) Methylene chloride	2.510	84	57024	4.554	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	96700	4.793	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	57881	5.057	ug/L	98
19) 1,1-Dichloroethane	3.191	63	95718	5.009	ug/L	99
21) 2-Butanone	3.985	43	79226	51.196	ug/L	86
22) cis-1,2-Dichloroethene	3.915	96	57230	4.922	ug/L	96
23) Bromochloromethane	4.252	128	24527	5.057	ug/L	95
25) Chloroform	4.378	83	106737	5.035	ug/L	98

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 ALS Vial : 34 Sample Multiplier: 1

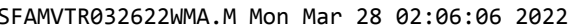
Instrument :
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 ClientSampleId :
 VSTD005351

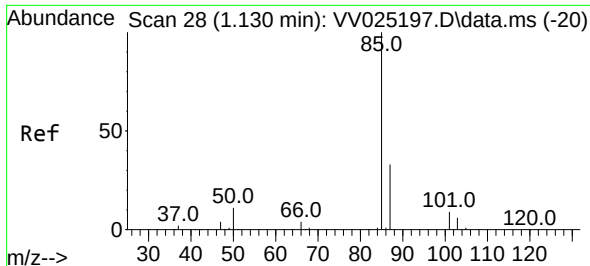
Quant Time: Mar 28 02:06:00 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	55163	5.039	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	91060	4.999	ug/L	98
30) Cyclohexane	4.680	56	79771	4.897	ug/L	99
31) Carbon tetrachloride	4.828	117	80456	5.103	ug/L	100
33) Benzene	5.101	78	224202	5.073	ug/L	100
34) Trichloroethene	5.915	95	60707	5.003	ug/L	97
35) Methylcyclohexane	6.130	83	91066	4.790	ug/L	99
37) 1,2-Dichloropropane	6.172	63	48320	4.714	ug/L	100
38) Bromodichloromethane	6.509	83	66599	5.129	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	59321	4.463	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	207224	50.632	ug/L	99
42) Toluene	7.387	91	248006	5.257	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	52222	4.998	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	36163	5.153	ug/L	98
47) Tetrachloroethene	7.976	164	45904	5.130	ug/L	98
48) 2-Hexanone	8.140	43	151855	51.877	ug/L	99
49) Dibromochloromethane	8.246	129	38309	5.072	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33049	5.054	ug/L	94
51) Chlorobenzene	8.879	112	154787	5.081	ug/L	99
52) Ethylbenzene	9.011	91	256408	5.124	ug/L	99
53) m,p-Xylene	9.136	106	101966	5.240	ug/L	100
54) o-Xylene	9.542	106	95135	5.114	ug/L	93
55) Styrene	9.561	104	163052	5.330	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	36708	5.017	ug/L	99
59) Bromoform	9.731	173	15641	5.022	ug/L	100
60) Isopropylbenzene	9.931	105	256439	5.075	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28568	4.956	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	109242	4.821	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	203433	5.032	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	119098	5.033	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	115949	4.892	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105307	5.057	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4930	4.776	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	82500	4.833	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	62528	4.854	ug/L	98
71) Naphthalene	13.500	128	95962	4.780	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54042	4.869	ug/L	97

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

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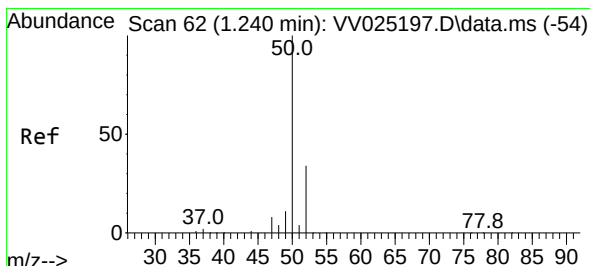
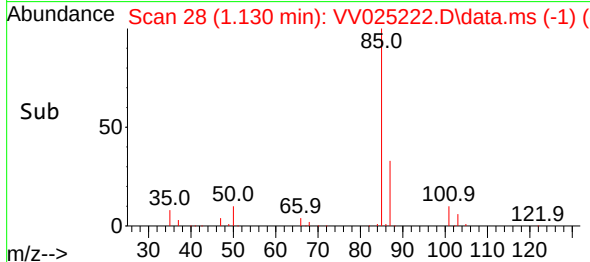
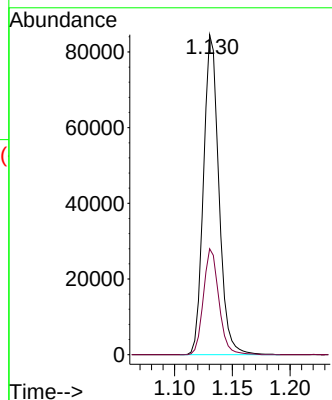
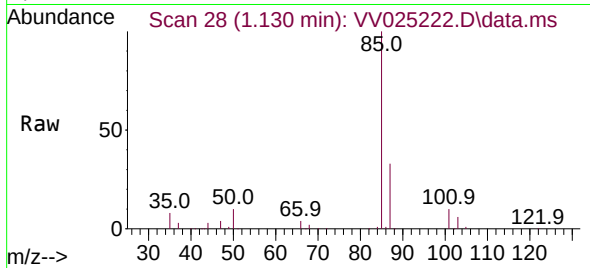




#2
Dichlorodifluoromethane
Concen: 4.952 ug/L
RT: 1.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

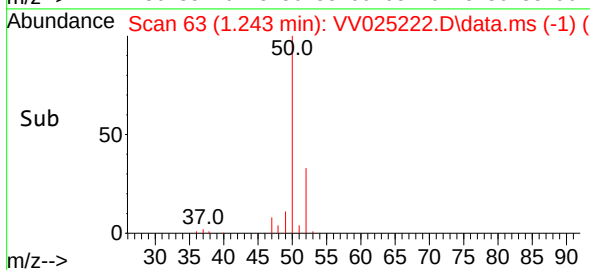
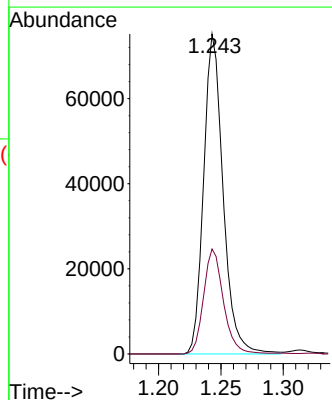
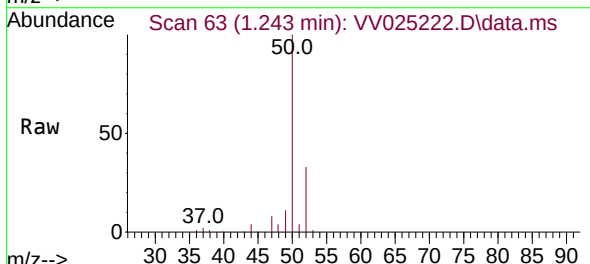
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

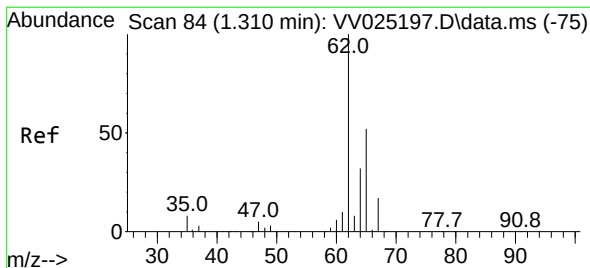
Tgt Ion: 85 Resp: 78345
Ion Ratio Lower Upper
85 100
87 33.2 25.8 38.6



#3
Chloromethane
Concen: 4.369 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 50 Resp: 81536
Ion Ratio Lower Upper
50 100
52 32.8 22.9 42.5





#5

Vinyl chloride

Concen: 4.371 ug/L

RT: 1.314 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

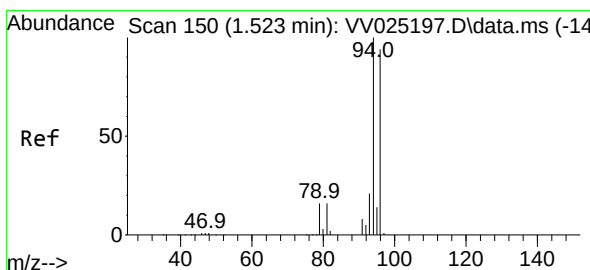
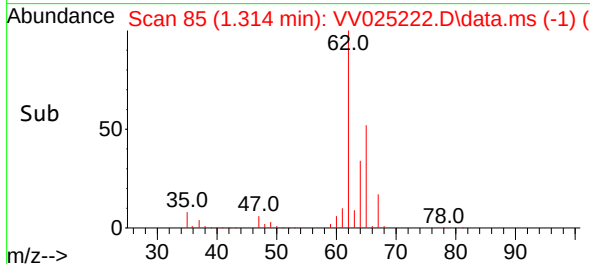
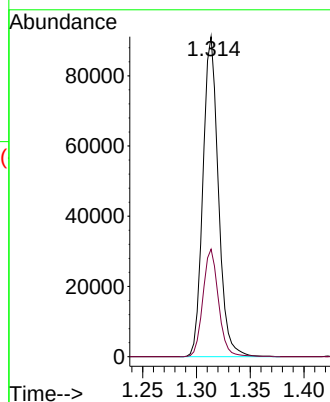
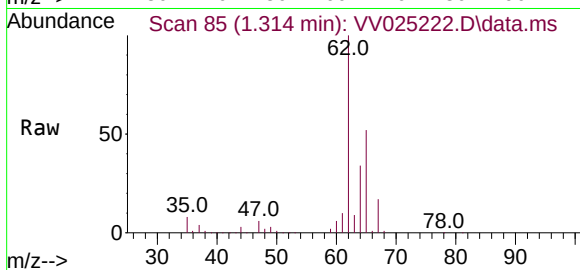
VSTD005351

Tgt Ion: 62 Resp: 91102

Ion Ratio Lower Upper

62 100

64 33.6 22.0 40.8



#6

Bromomethane

Concen: 4.579 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.003 min

Lab File: VV025222.D

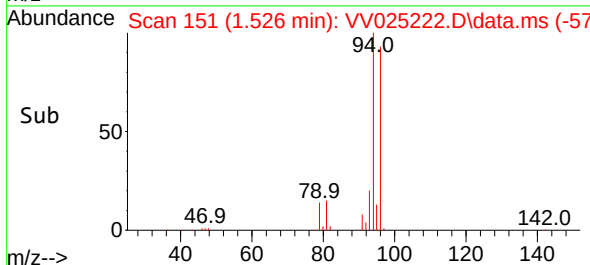
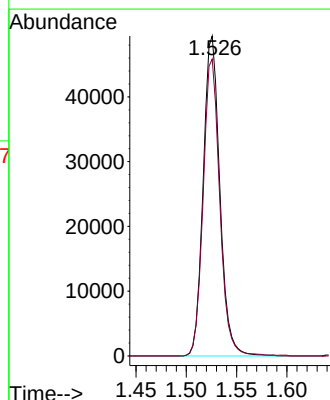
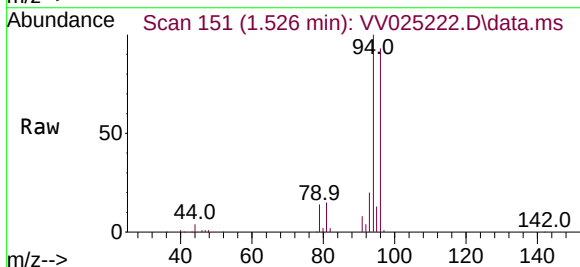
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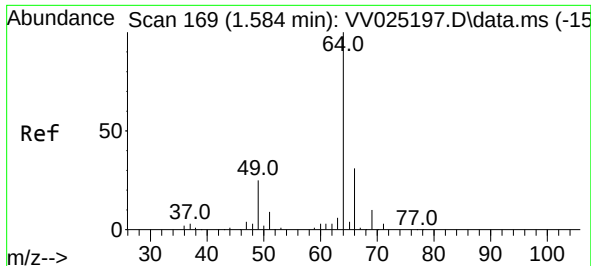
Tgt Ion: 94 Resp: 56648

Ion Ratio Lower Upper

94 100

96 92.8 65.5 121.7

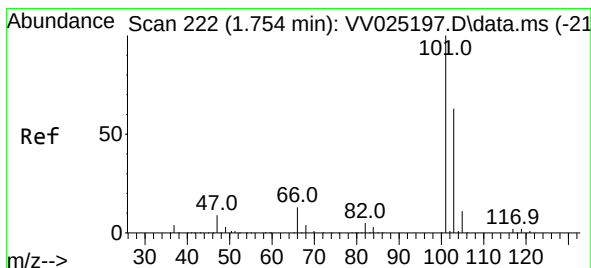
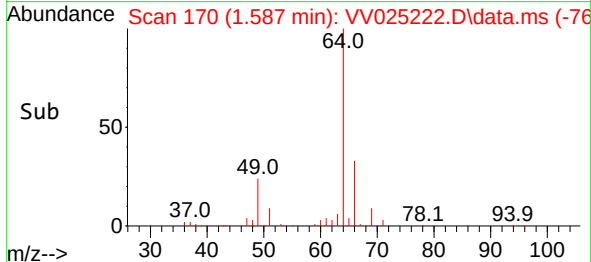
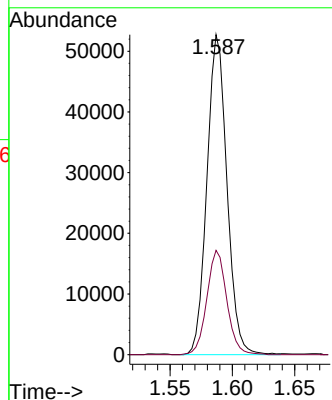
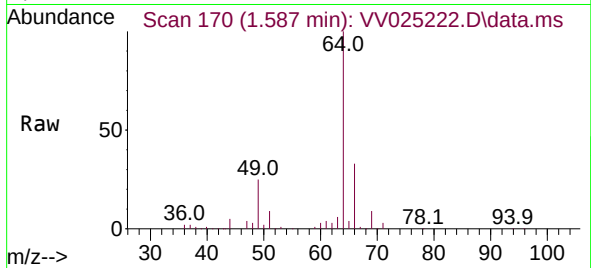




#8
Chloroethane
Concen: 4.512 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

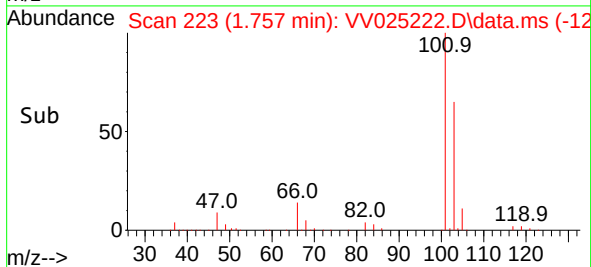
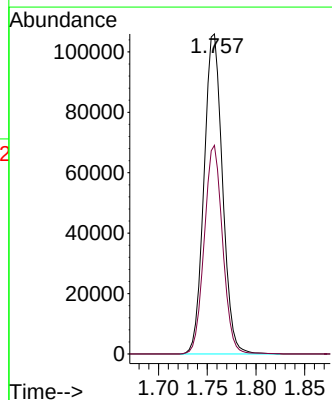
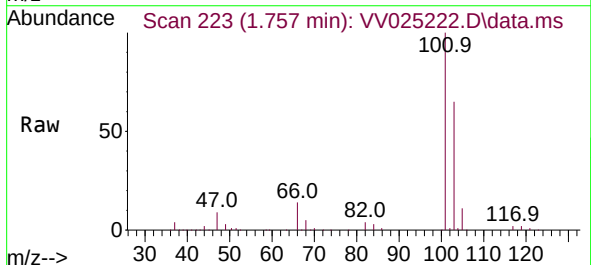
Instrument :
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ClientSampleId :
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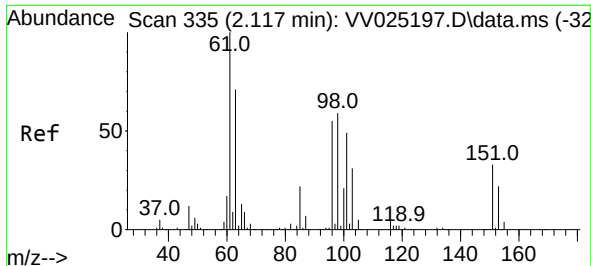
Tgt Ion: 64 Resp: 59021
Ion Ratio Lower Upper
64 100
66 32.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.955 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion:101 Resp: 139597
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2

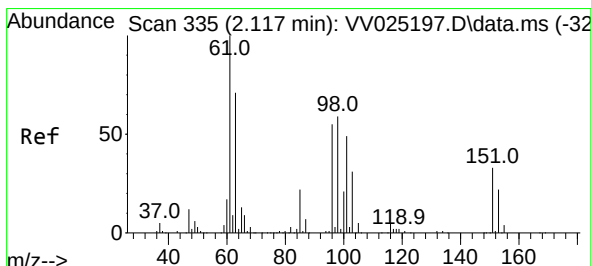
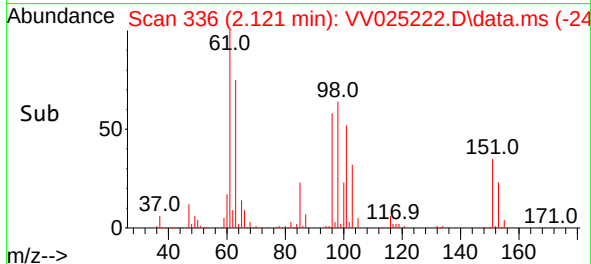
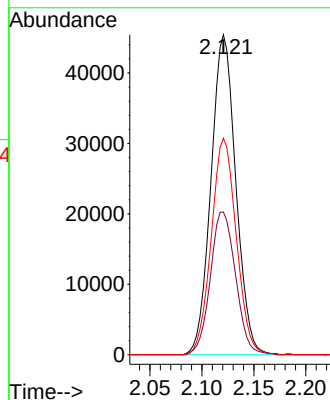
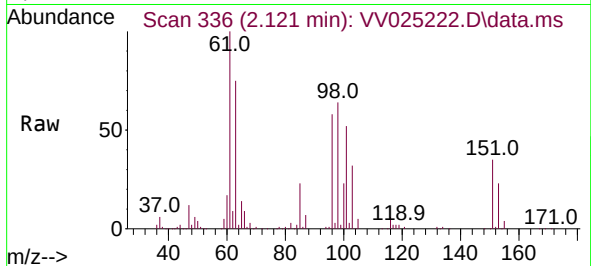




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.509 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025222.D
 Acq: 27 Mar 2022 00:37

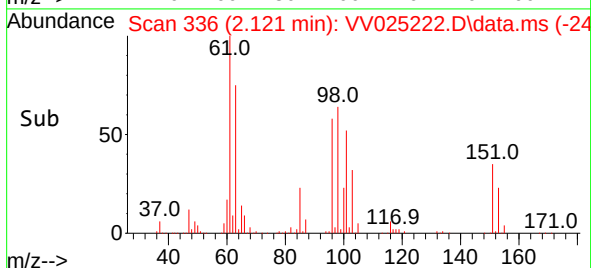
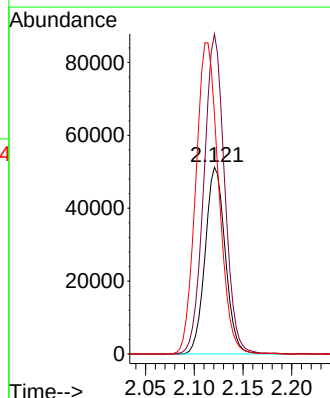
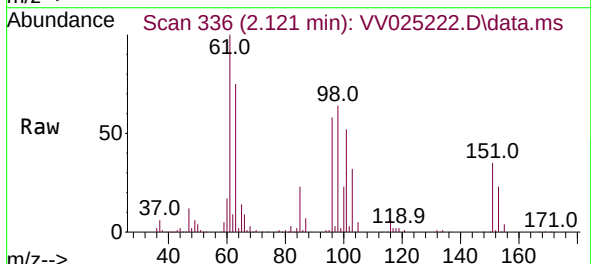
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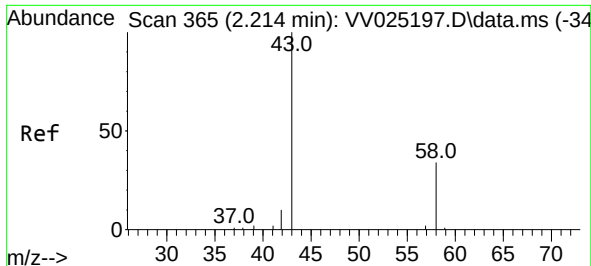
Tgt Ion:101 Resp: 75455
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.0 54.0
 151 68.1 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.608 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025222.D
 Acq: 27 Mar 2022 00:37

Tgt Ion: 96 Resp: 73481
 Ion Ratio Lower Upper
 96 100
 61 171.4 121.5 225.7
 63 128.6 77.9 144.7





#13

Acetone

Concen: 50.758 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.026 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

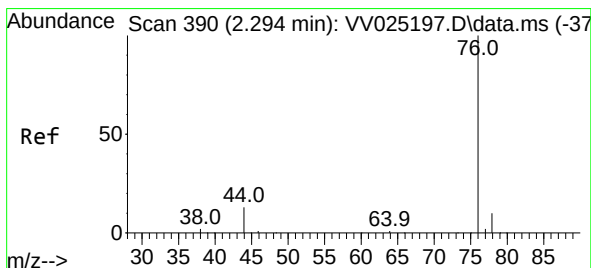
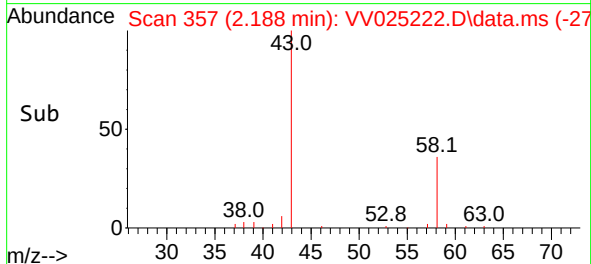
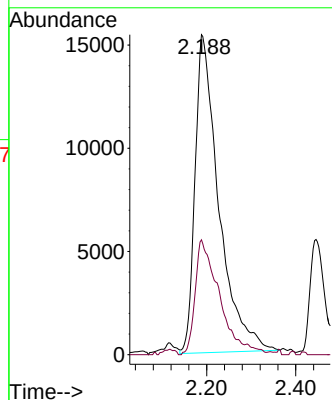
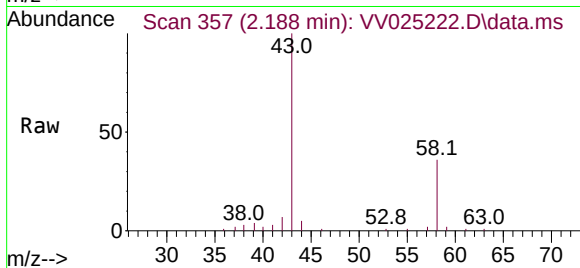
VSTD005351

Tgt Ion: 43 Resp: 57084

Ion Ratio Lower Upper

43 100

58 35.5 0.0 51.2



#14

Carbon disulfide

Concen: 4.863 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025222.D

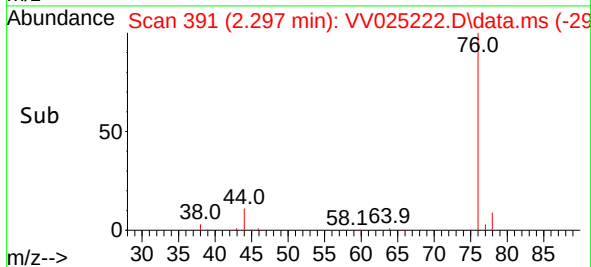
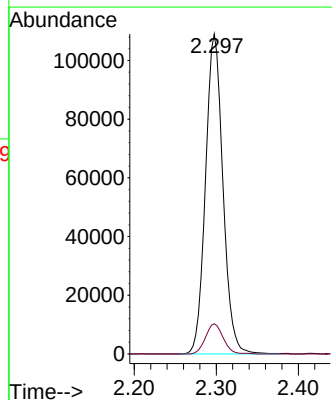
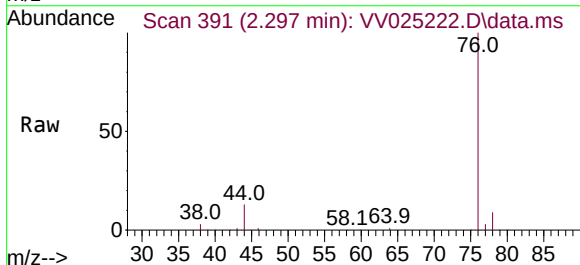
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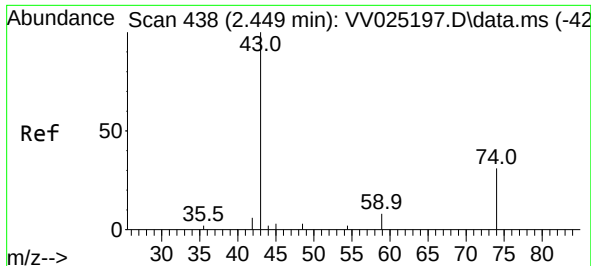
Tgt Ion: 76 Resp: 160658

Ion Ratio Lower Upper

76 100

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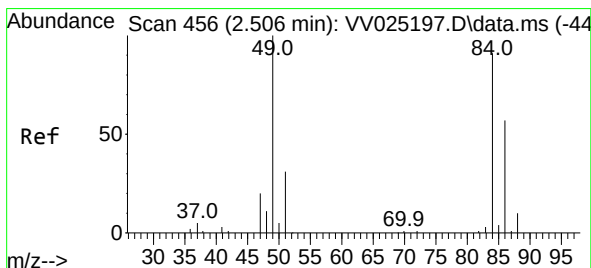
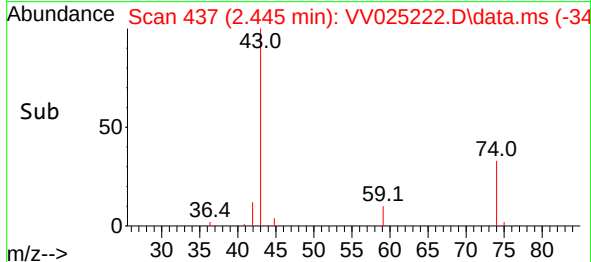
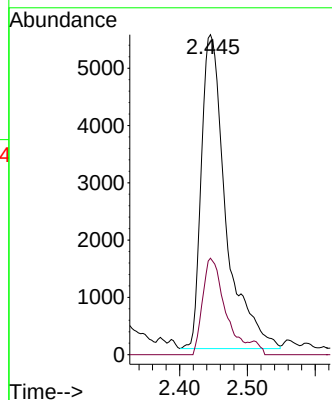
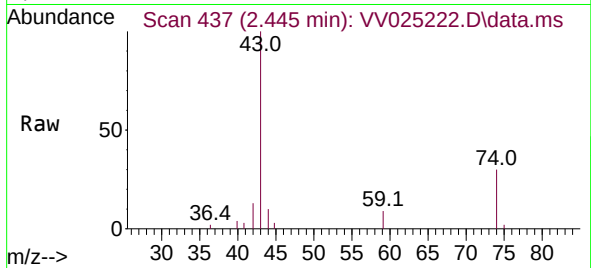




#15
Methyl Acetate
Concen: 5.388 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

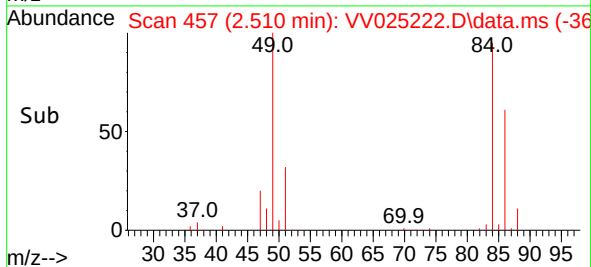
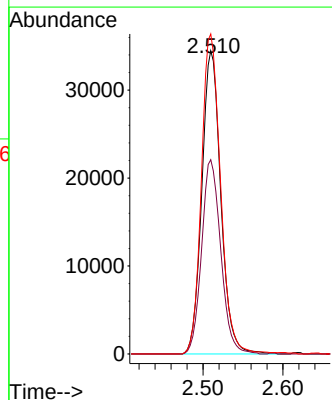
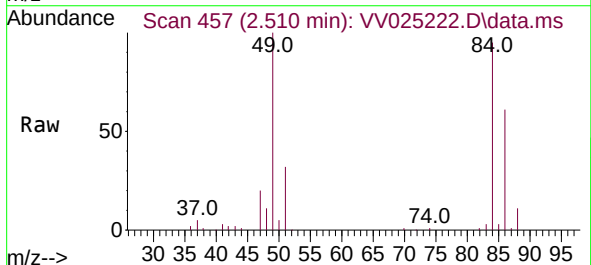
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

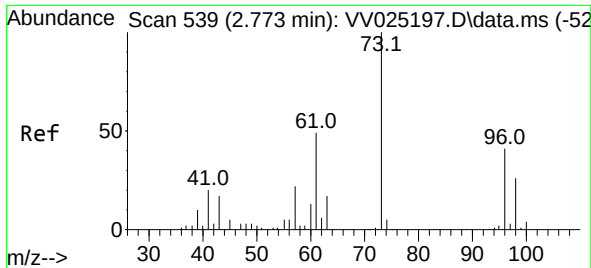
Tgt Ion: 43 Resp: 13795
Ion Ratio Lower Upper
43 100
74 27.5 20.9 31.3



#16
Methylene chloride
Concen: 4.554 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 84 Resp: 57024
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.7
49 105.5 74.5 138.3

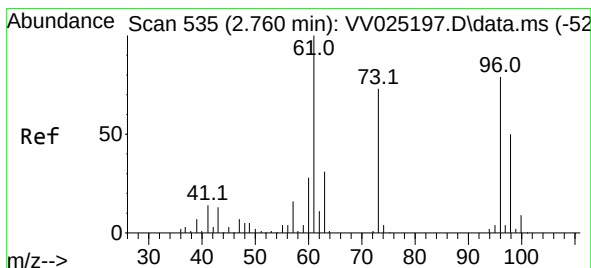
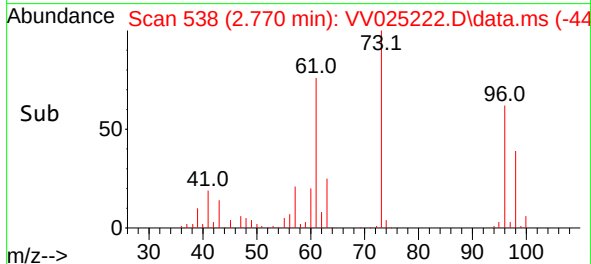
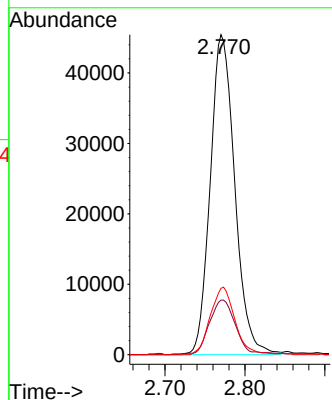
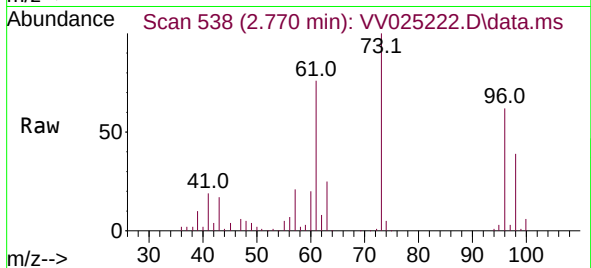




#17
Methyl tert-butyl Ether
Concen: 4.793 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

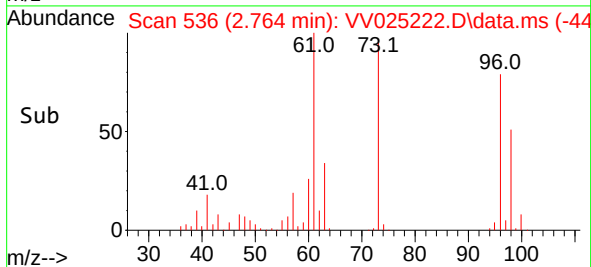
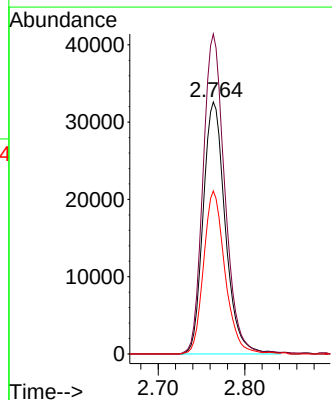
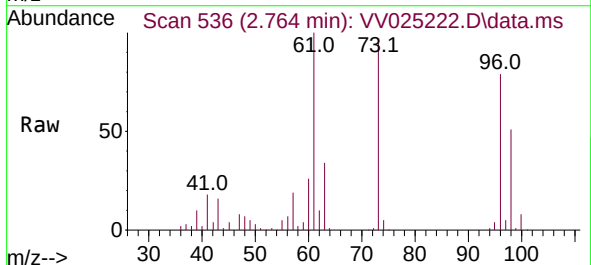
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

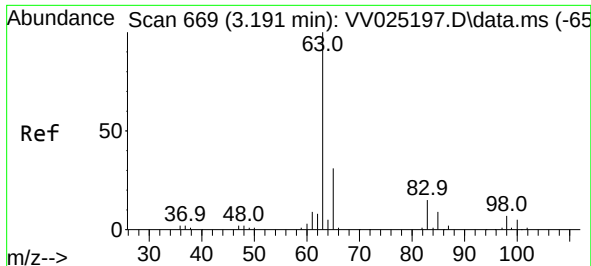
Tgt Ion: 73 Resp: 96700
Ion Ratio Lower Upper
73 100
43 18.6 13.5 20.3
57 21.1 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.057 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 96 Resp: 57881
Ion Ratio Lower Upper
96 100
61 127.0 87.6 162.8
98 64.7 44.0 81.8

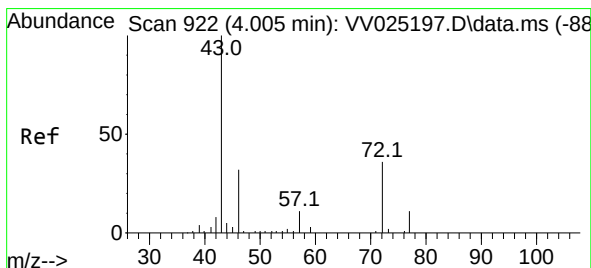
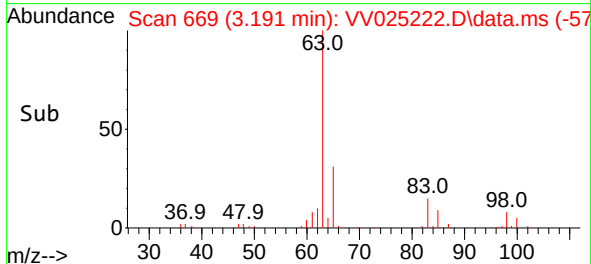
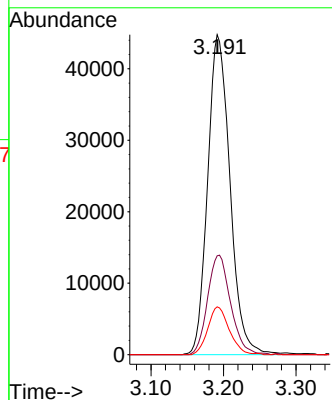
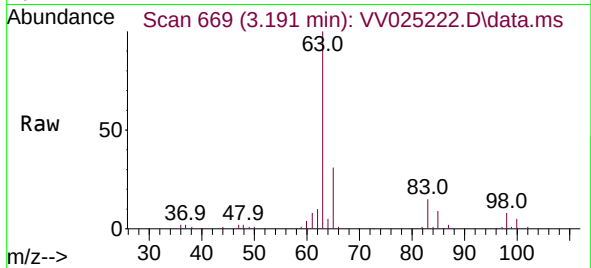




#19
1,1-Dichloroethane
Concen: 5.009 ug/L
RT: 3.191 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

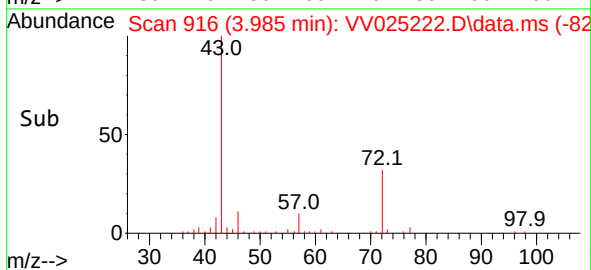
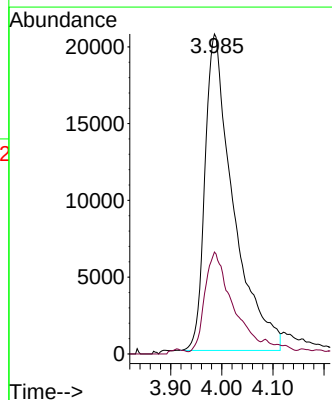
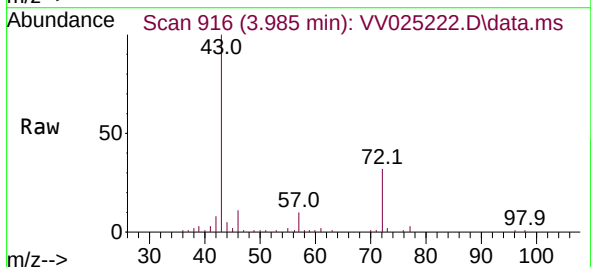
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

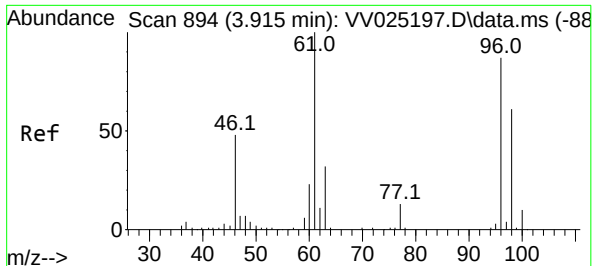
Tgt Ion: 63 Resp: 95718
Ion Ratio Lower Upper
63 100
65 30.9 22.0 40.8
83 15.0 10.2 19.0



#21
2-Butanone
Concen: 51.196 ug/L
RT: 3.985 min Scan# 916
Delta R.T. -0.019 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 43 Resp: 79226
Ion Ratio Lower Upper
43 100
72 30.4 11.8 35.4





#22

cis-1,2-Dichloroethene

Concen: 4.922 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.000 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

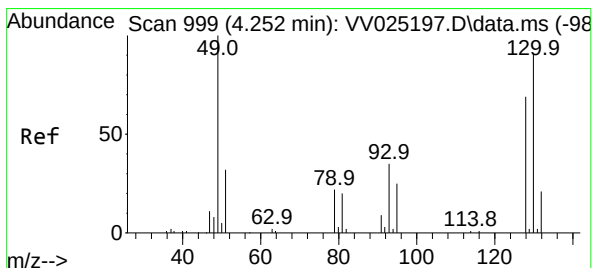
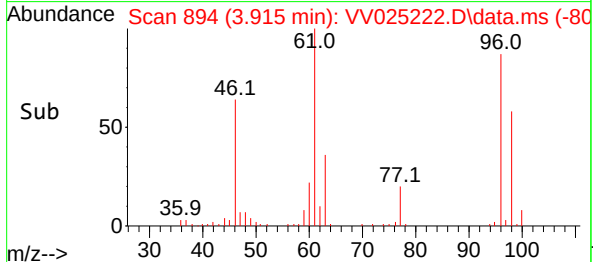
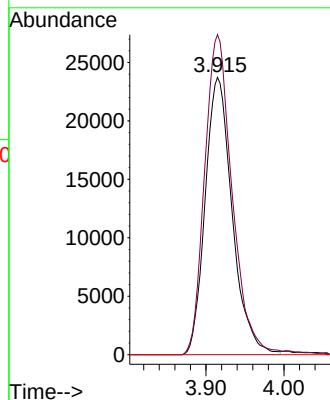
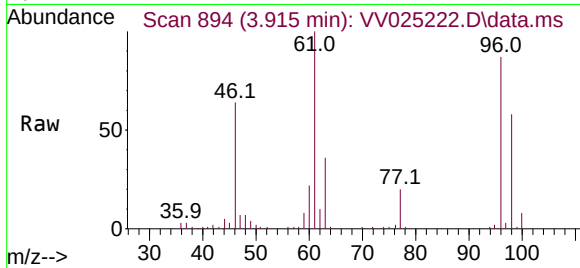
MSVOA_V

ClientSampleId :

VSTD005351

Tgt Ion: 96 Resp: 57230

Ion	Ratio	Lower	Upper
96	100		
61	115.4	84.1	156.1
68	0.0	0.0	0.0



#23

Bromochloromethane

Concen: 5.057 ug/L

RT: 4.252 min Scan# 999

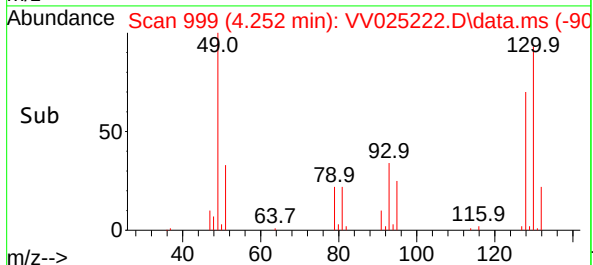
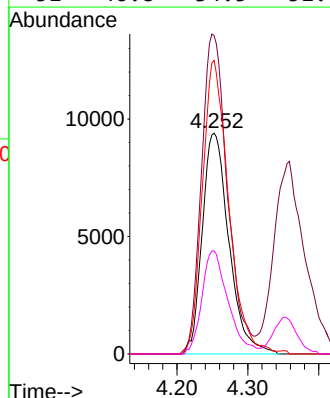
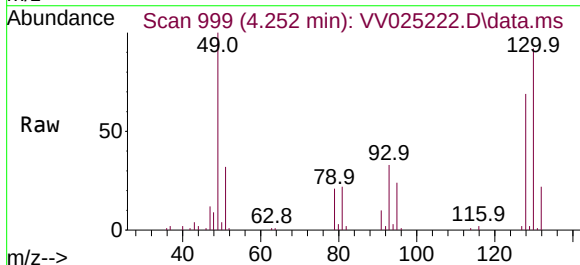
Delta R.T. -0.000 min

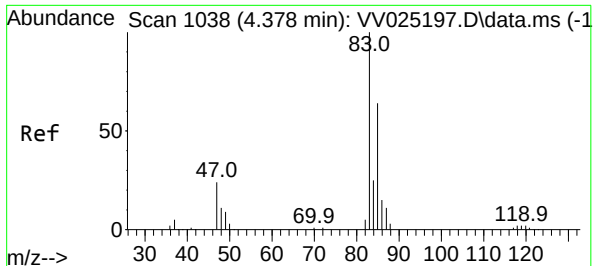
Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Tgt Ion: 128 Resp: 24527

Ion	Ratio	Lower	Upper
128	100		
49	144.1	101.4	188.4
130	133.0	85.0	158.0
51	46.8	34.5	51.7





#25

Chloroform

Concen: 5.035 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

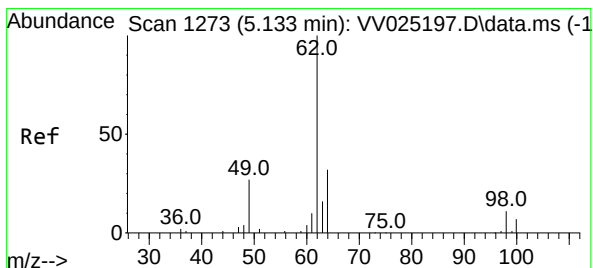
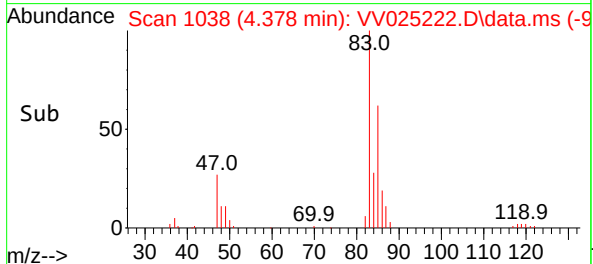
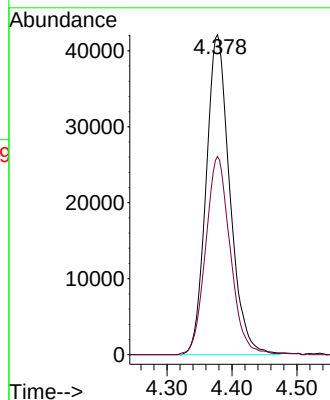
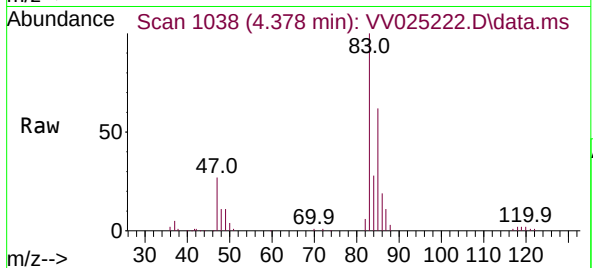
VSTD005351

Tgt Ion: 83 Resp: 106737

Ion Ratio Lower Upper

83 100

85 62.0 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.039 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV025222.D

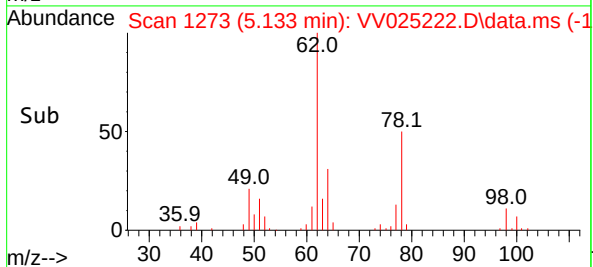
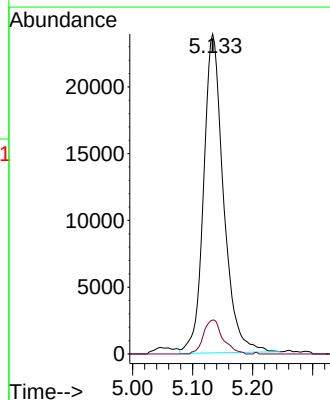
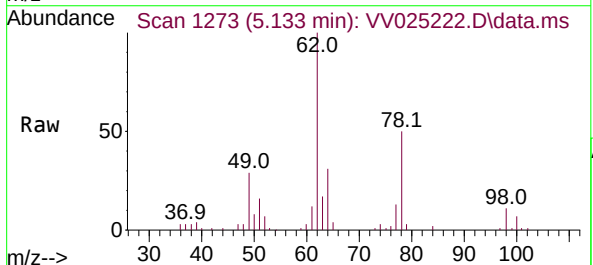
Acq: 27 Mar 2022 00:37

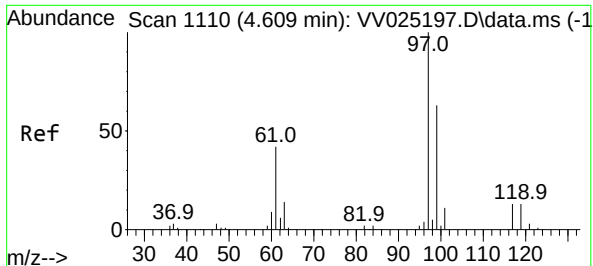
Tgt Ion: 62 Resp: 55163

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.999 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005351

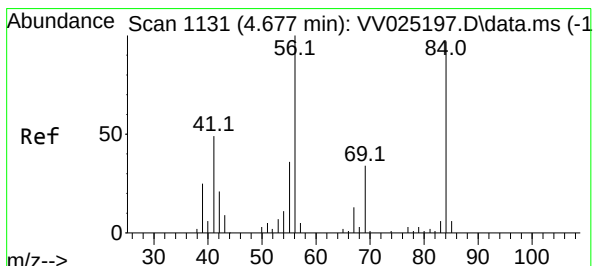
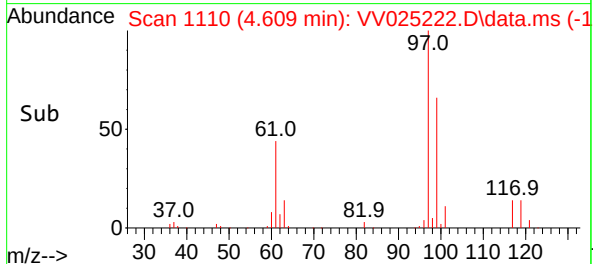
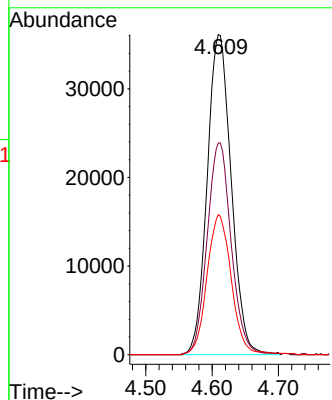
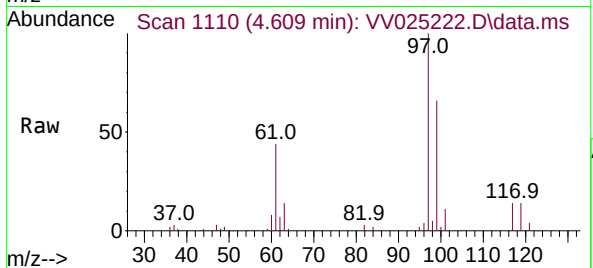
Tgt Ion: 97 Resp: 91060

Ion Ratio Lower Upper

97 100

99 66.2 51.9 77.9

61 44.3 34.2 51.2



#30

Cyclohexane

Concen: 4.897 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

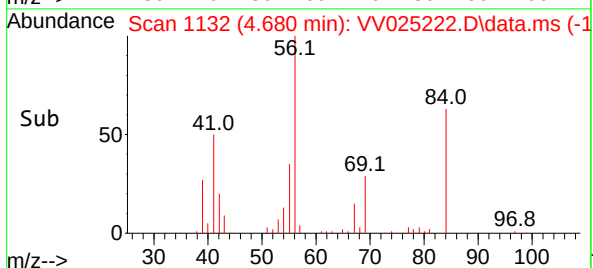
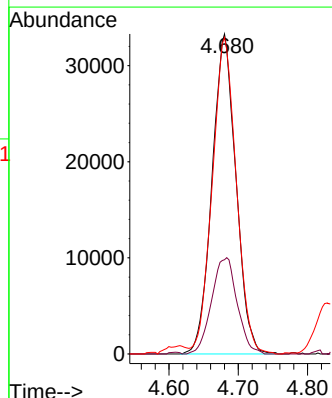
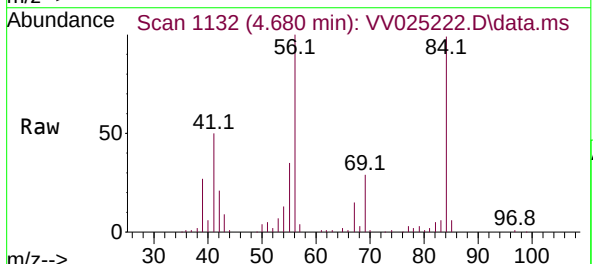
Tgt Ion: 56 Resp: 79771

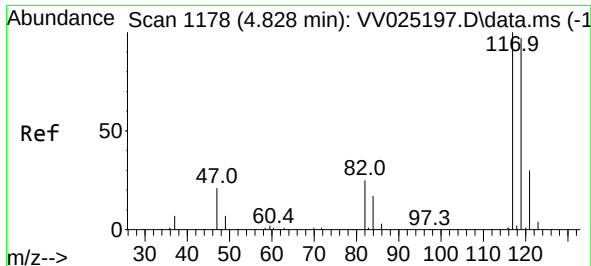
Ion Ratio Lower Upper

56 100

69 32.2 25.3 37.9

84 99.5 78.4 117.6

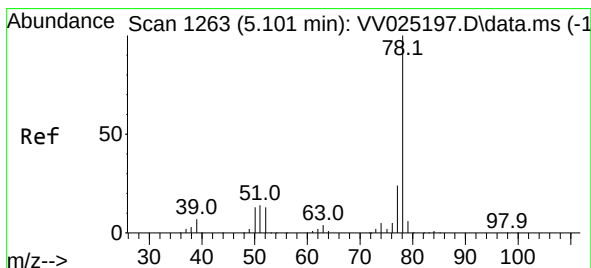
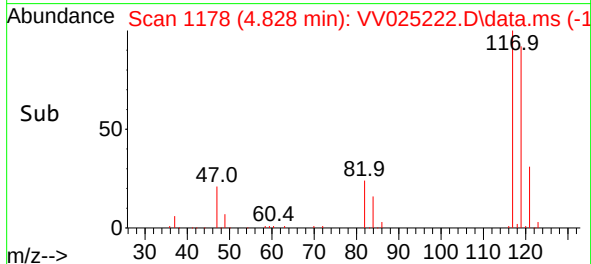
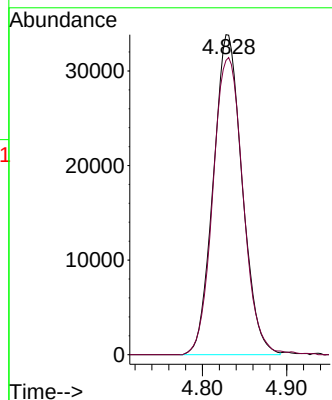
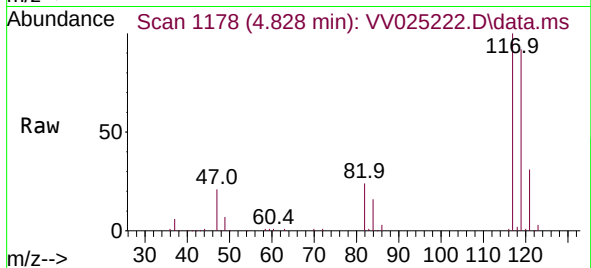




#31
Carbon tetrachloride
Concen: 5.103 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

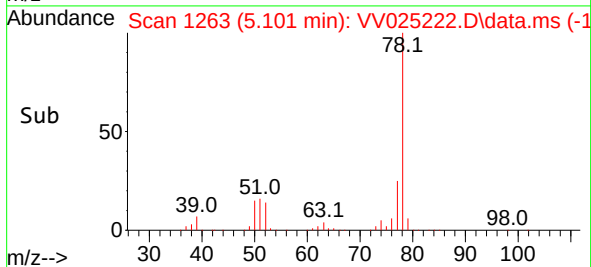
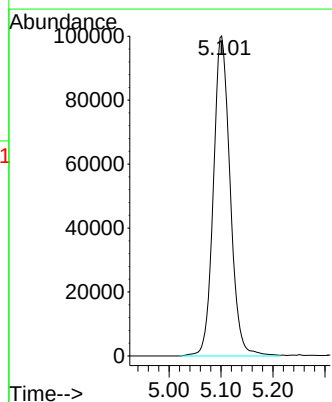
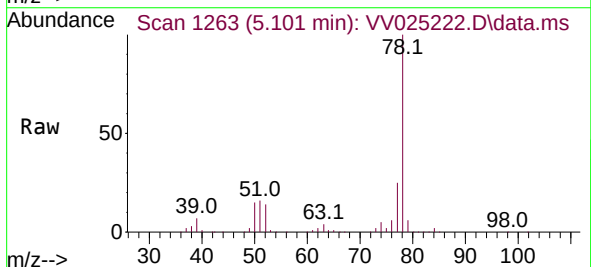
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

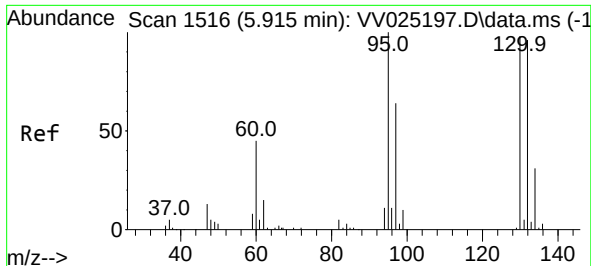
Tgt Ion:117 Resp: 80456
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6



#33
Benzene
Concen: 5.073 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 78 Resp: 224202

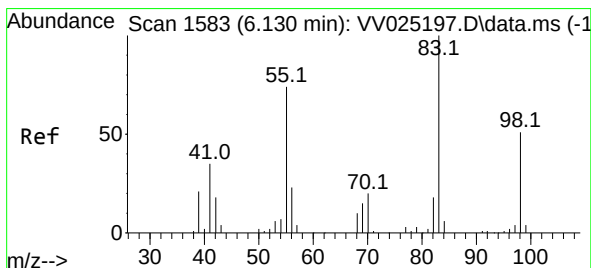
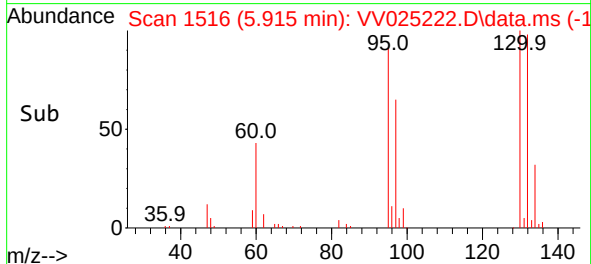
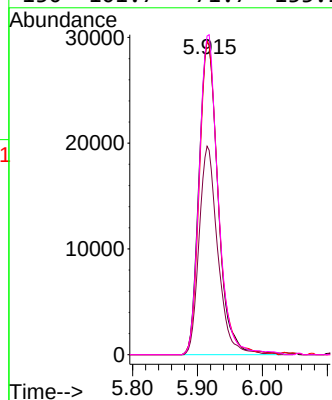
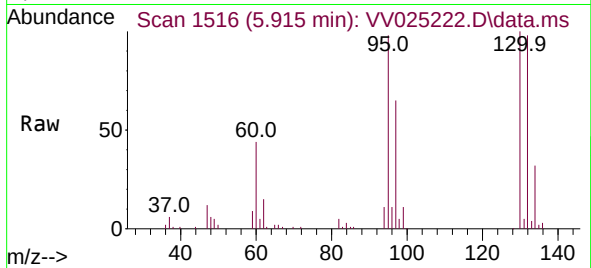




#34
Trichloroethene
Concen: 5.003 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

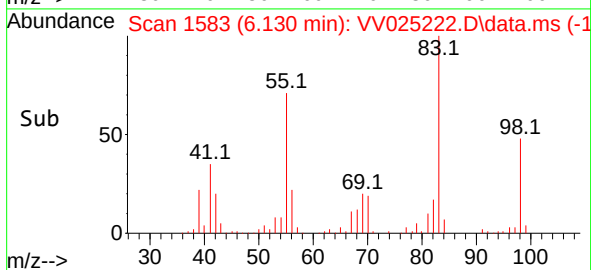
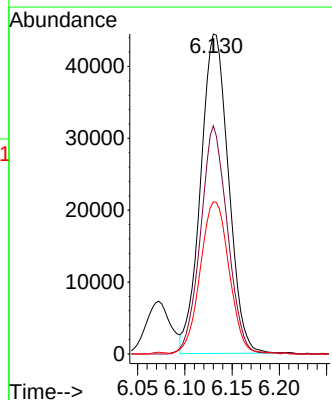
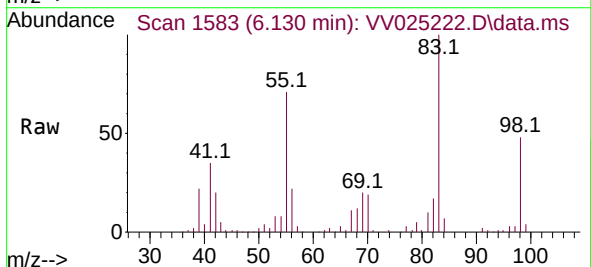
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

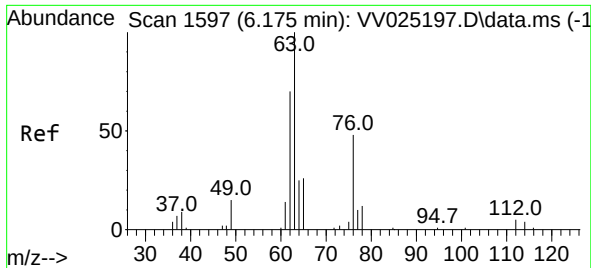
Tgt Ion: 95 Resp: 60707
Ion Ratio Lower Upper
95 100
97 66.5 46.3 85.9
132 100.0 65.2 121.2
130 101.7 71.7 133.1



#35
Methylcyclohexane
Concen: 4.790 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 83 Resp: 91066
Ion Ratio Lower Upper
83 100
55 68.9 54.6 81.8
98 49.5 39.8 59.6





#37

1,2-Dichloropropane

Concen: 4.714 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

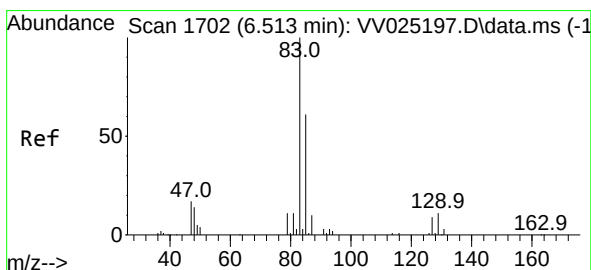
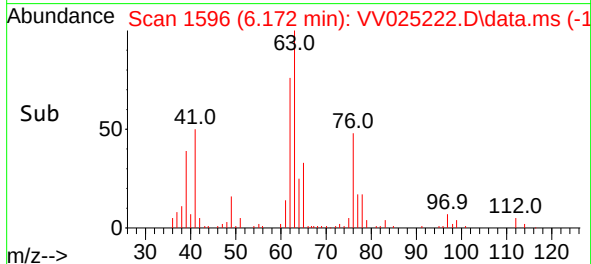
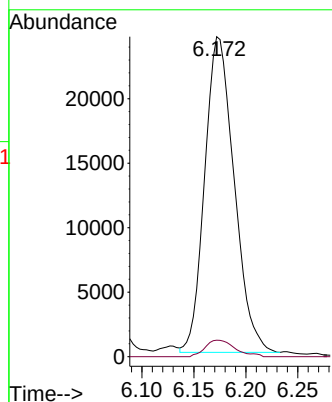
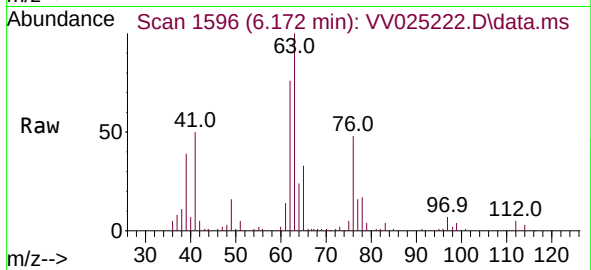
VSTD005351

Tgt Ion: 63 Resp: 48320

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 5.129 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

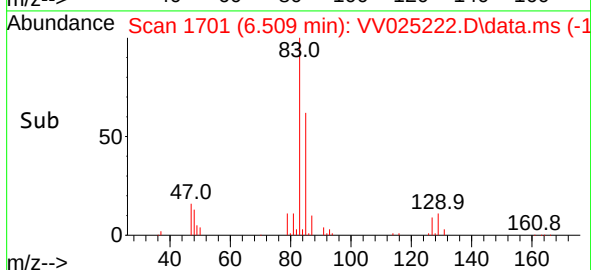
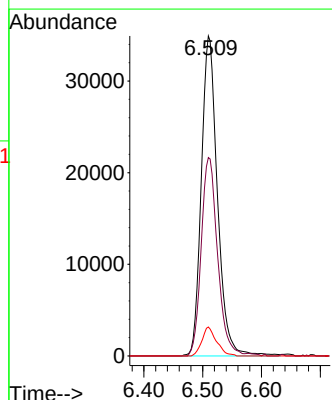
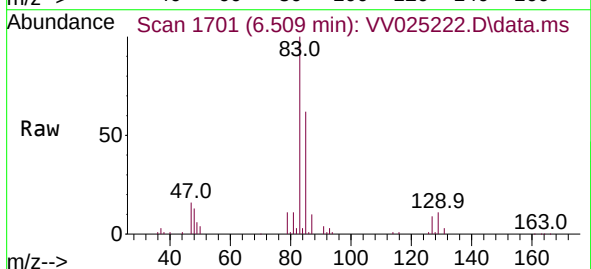
Tgt Ion: 83 Resp: 66599

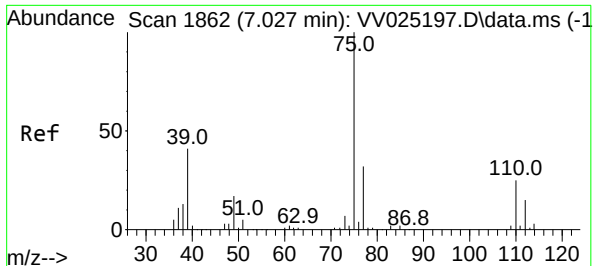
Ion Ratio Lower Upper

83 100

85 62.0 47.2 87.6

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.463 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

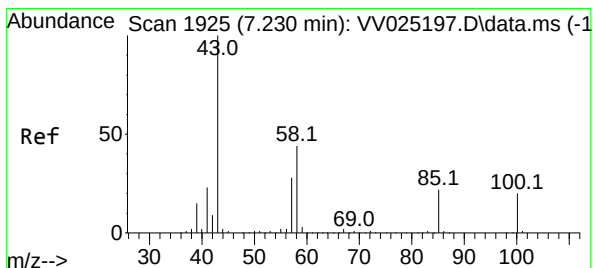
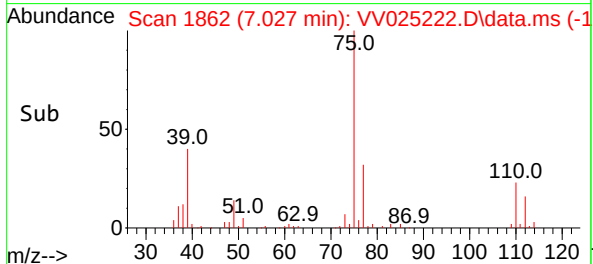
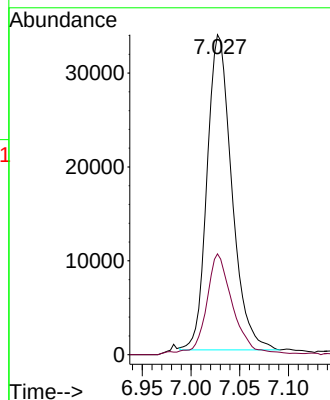
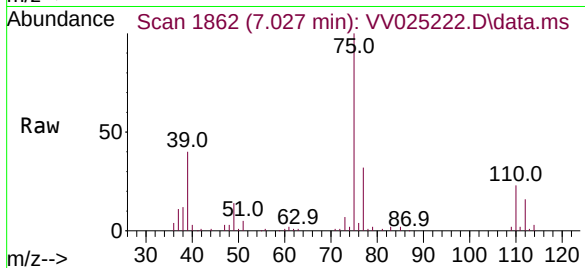
VSTD005351

Tgt Ion: 75 Resp: 59321

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.632 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

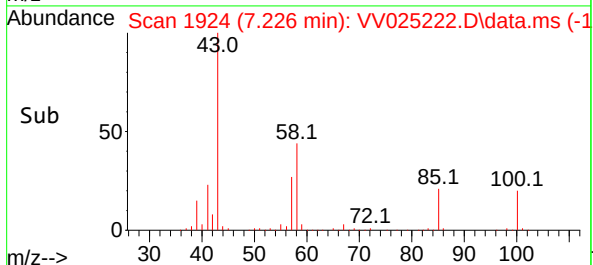
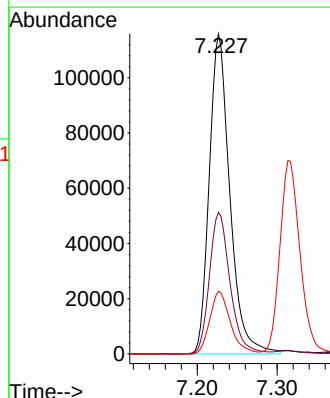
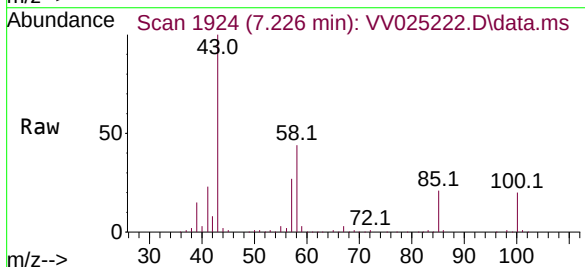
Tgt Ion: 43 Resp: 207224

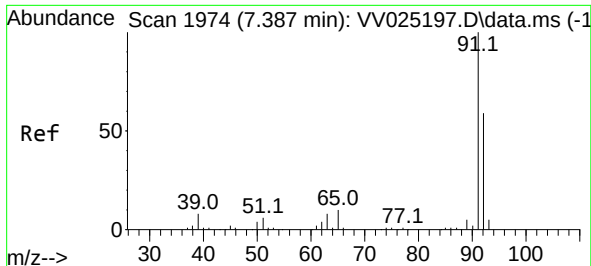
Ion Ratio Lower Upper

43 100

58 44.4 35.1 52.7

100 19.7 15.5 23.3





#42

Toluene

Concen: 5.257 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

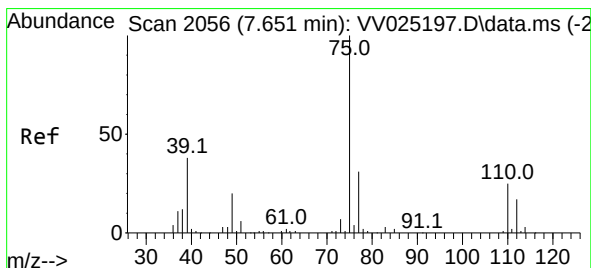
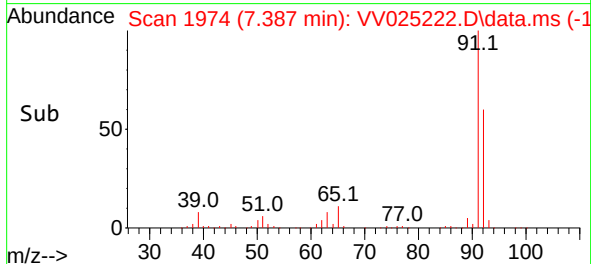
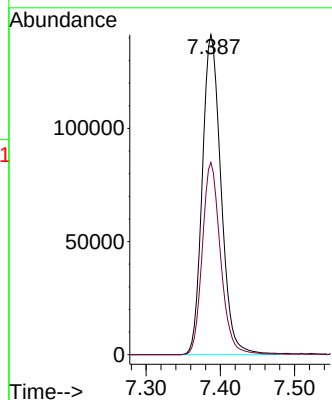
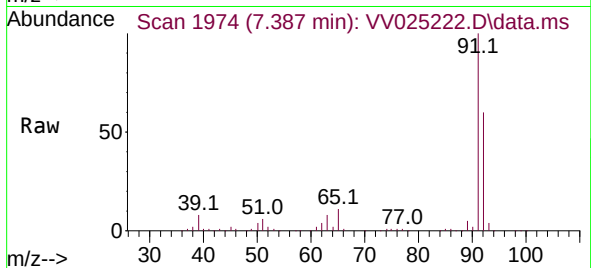
VSTD005351

Tgt Ion: 91 Resp: 248006

Ion Ratio Lower Upper

91 100

92 60.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.998 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV025222.D

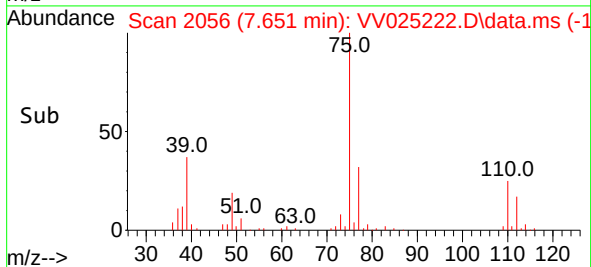
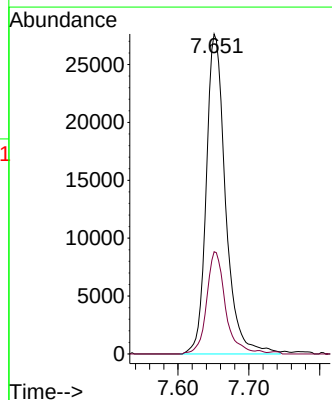
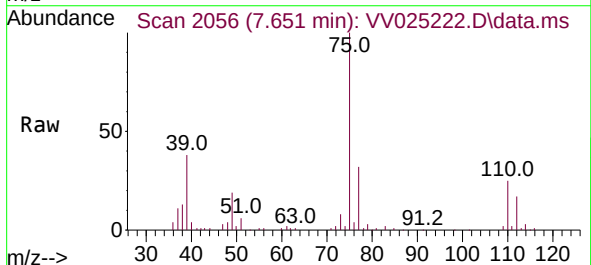
Acq: 27 Mar 2022 00:37

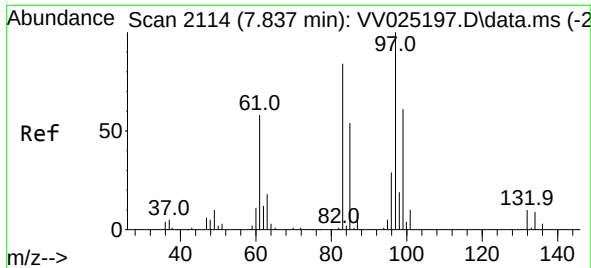
Tgt Ion: 75 Resp: 52222

Ion Ratio Lower Upper

75 100

77 32.0 24.2 45.0



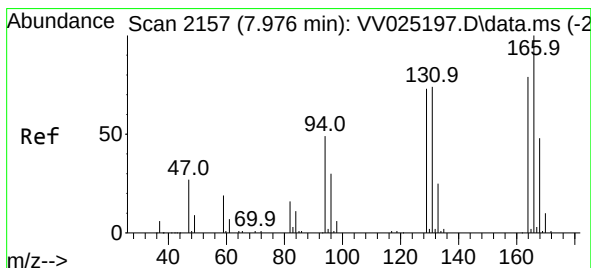
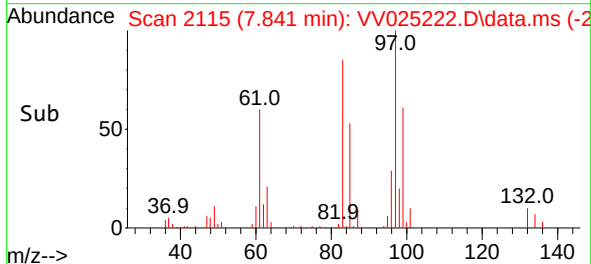
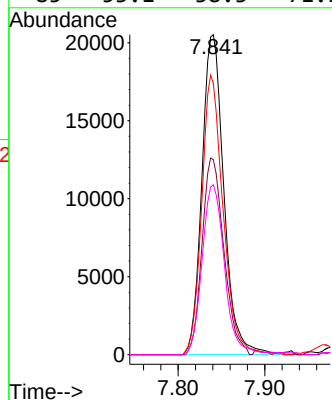
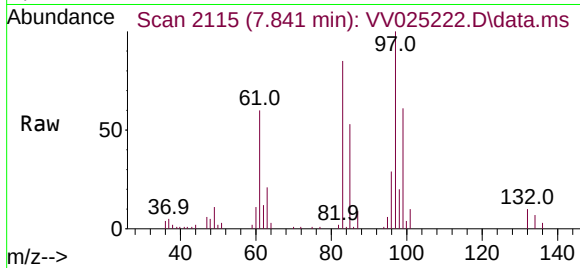


#45
1,1,2-Trichloroethane
Concen: 5.153 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

Tgt Ion: 97 Resp: 36163

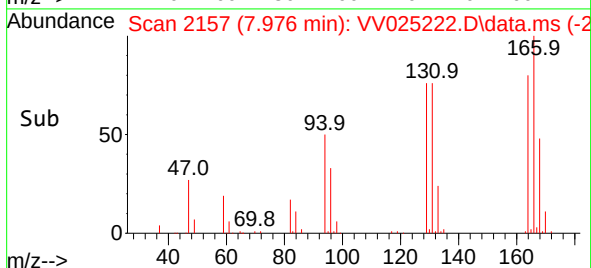
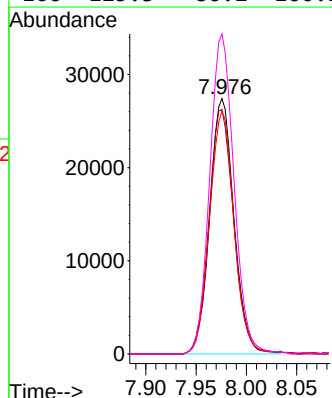
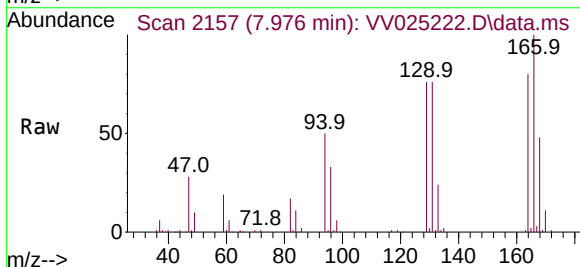
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.3	80.5
83	84.9	58.0	107.6
85	53.1	38.3	71.1

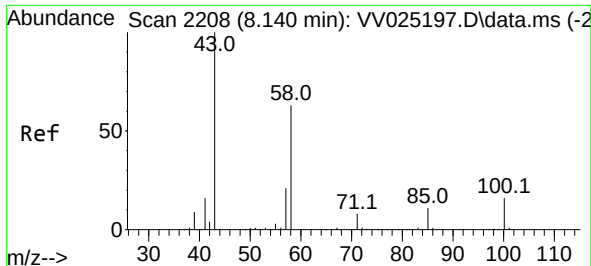


#47
Tetrachloroethene
Concen: 5.130 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 164 Resp: 45904

Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.5	125.4
131	95.1	68.0	126.4
166	125.3	86.2	160.2

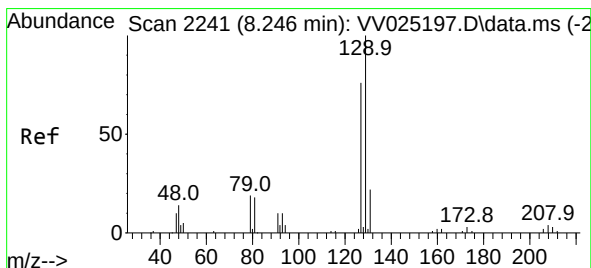
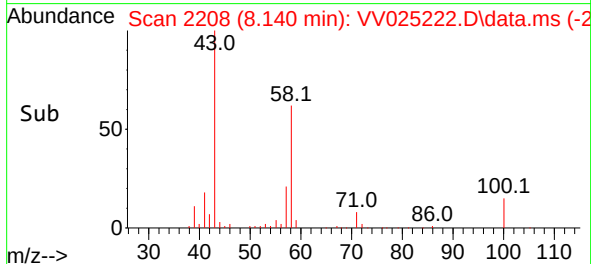
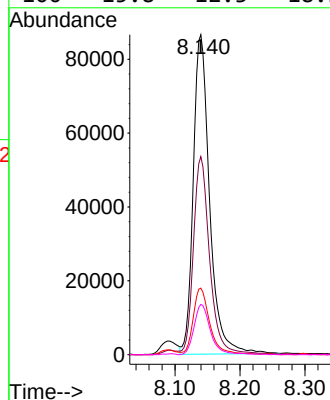
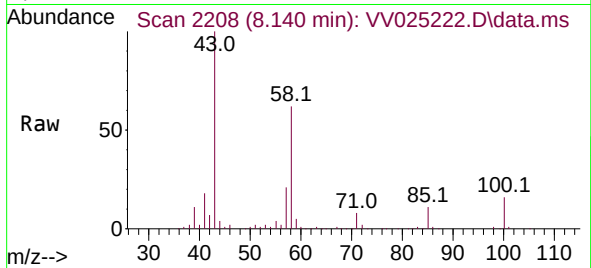




#48
2-Hexanone
Concen: 51.877 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

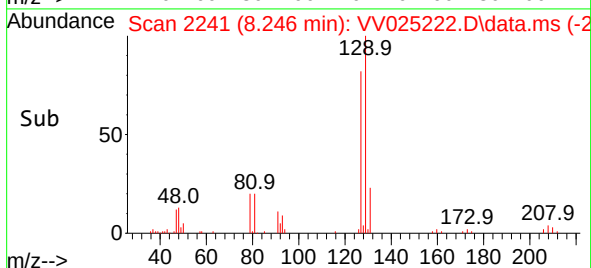
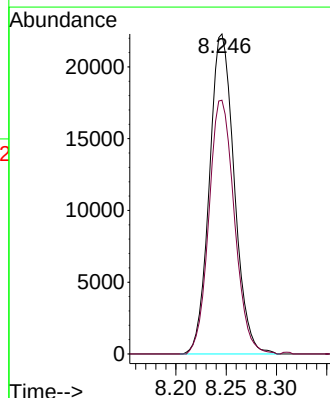
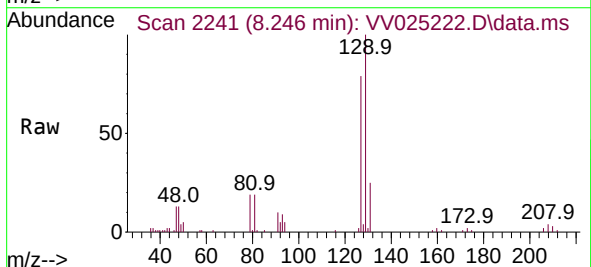
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

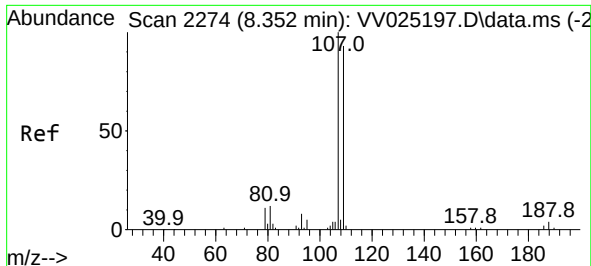
Tgt Ion:	43	Resp:	151855
Ion	Ratio	Lower	Upper
43	100		
58	60.3	48.5	72.7
57	20.8	16.9	25.3
100	15.8	12.3	18.5



#49
Dibromochloromethane
Concen: 5.072 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion:	129	Resp:	38309
Ion	Ratio	Lower	Upper
129	100		
127	79.3	54.1	100.5

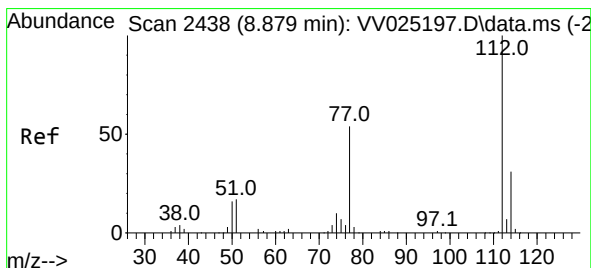
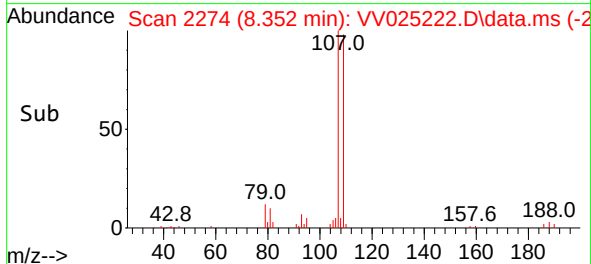
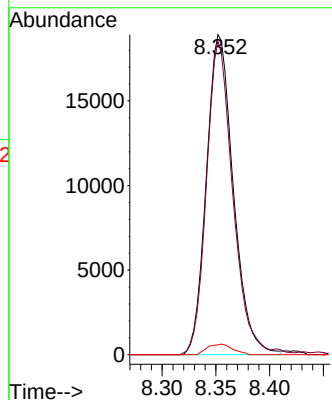
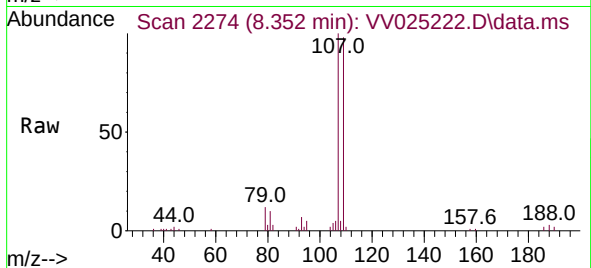




#50
1,2-Dibromoethane
Concen: 5.054 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

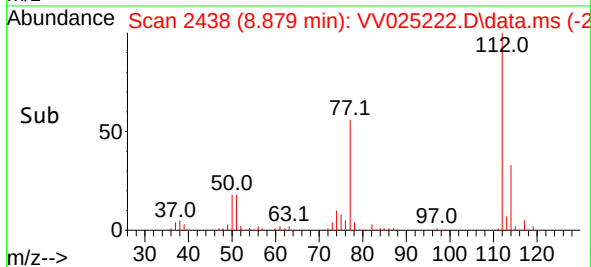
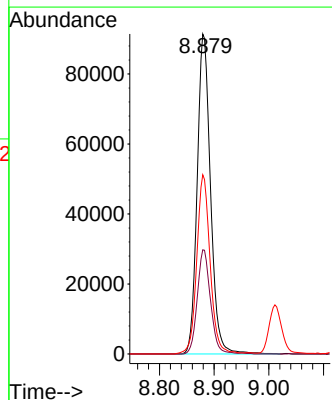
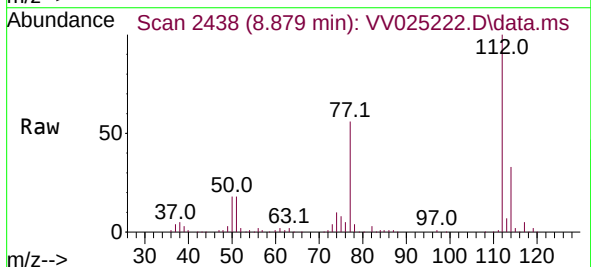
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

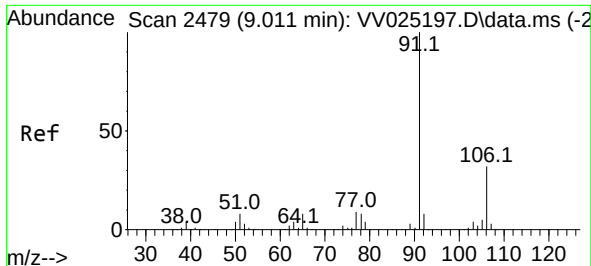
Tgt Ion:107 Resp: 33049
Ion Ratio Lower Upper
107 100
109 97.8 64.7 120.1
188 3.0 2.2 3.4



#51
Chlorobenzene
Concen: 5.081 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion:112 Resp: 154787
Ion Ratio Lower Upper
112 100
114 32.6 21.9 40.7
77 56.0 44.2 66.4

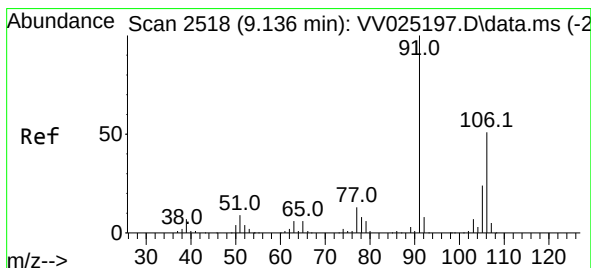
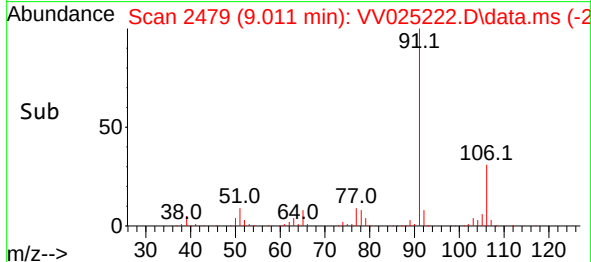
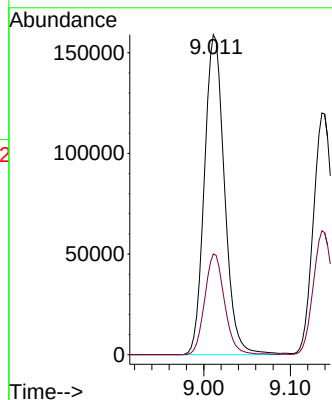
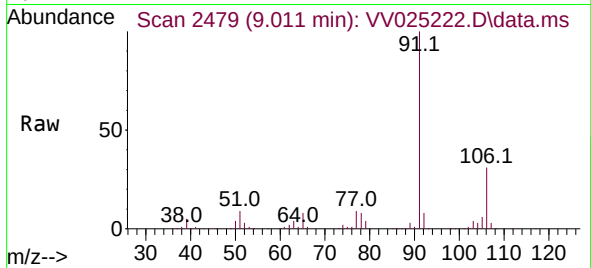




#52
Ethylbenzene
Concen: 5.124 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

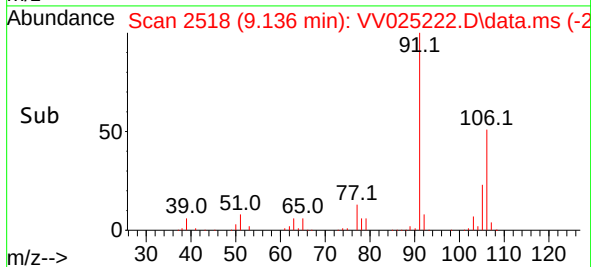
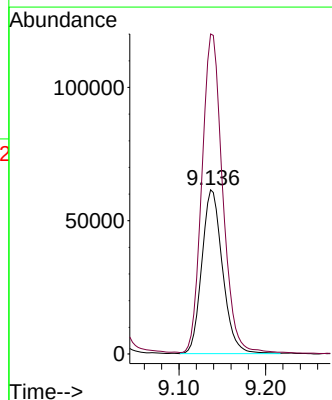
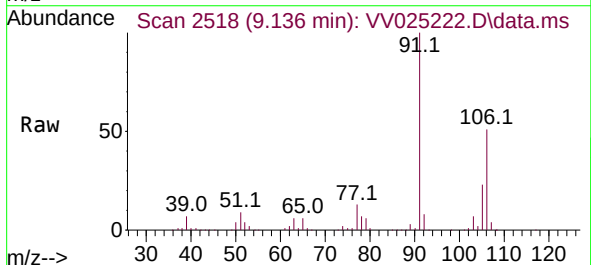
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

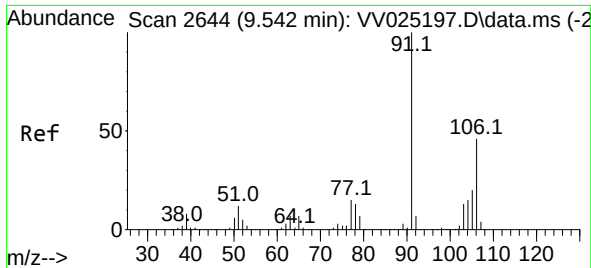
Tgt Ion: 91 Resp: 256408
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#53
m,p-Xylene
Concen: 5.240 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 106 Resp: 101966
Ion Ratio Lower Upper
106 100
91 195.0 136.8 254.0

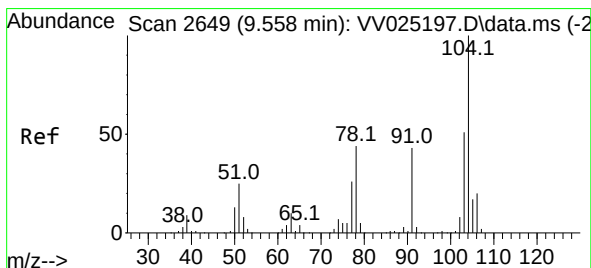
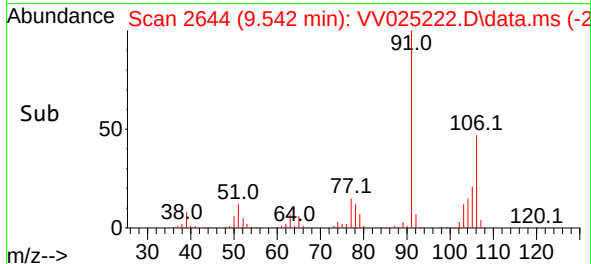
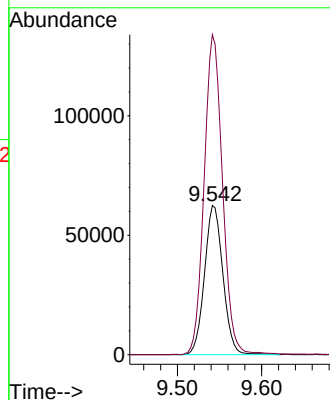
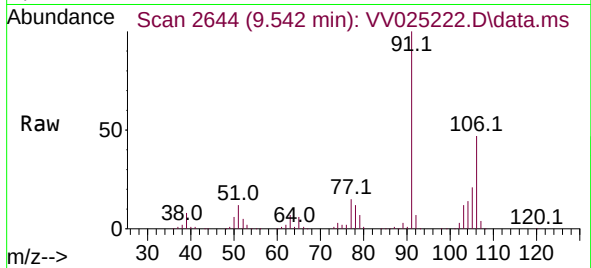




#54
o-Xylene
Concen: 5.114 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

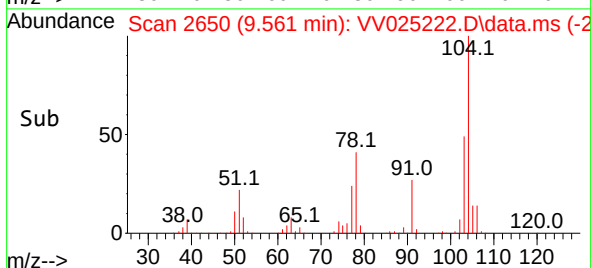
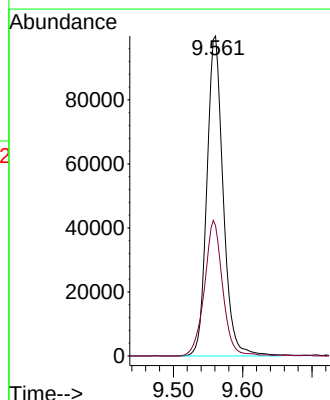
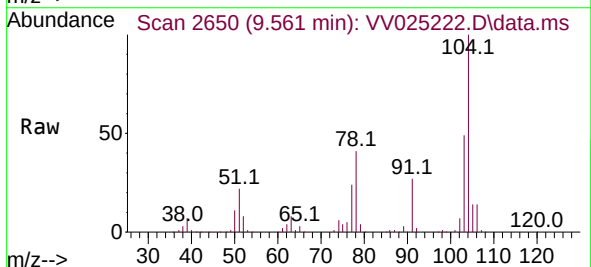
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

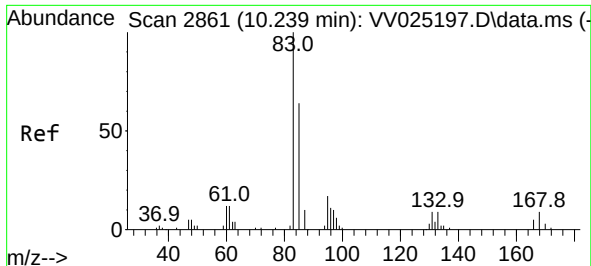
Tgt Ion:106 Resp: 95135
Ion Ratio Lower Upper
106 100
91 214.5 143.0 265.6



#55
Styrene
Concen: 5.330 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion:104 Resp: 163052
Ion Ratio Lower Upper
104 100
78 40.7 30.1 55.9

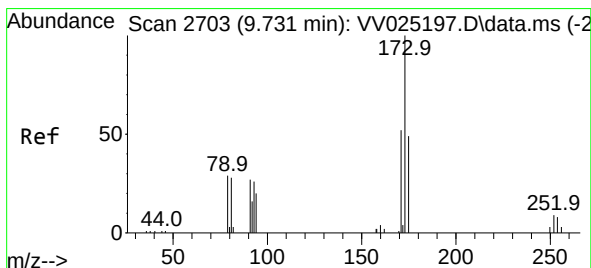
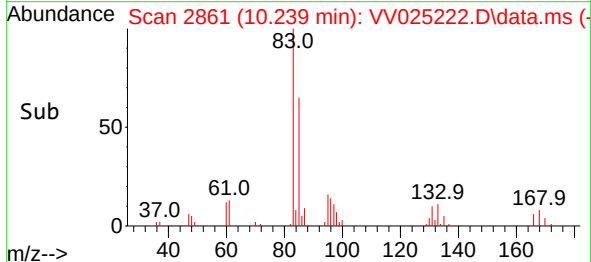
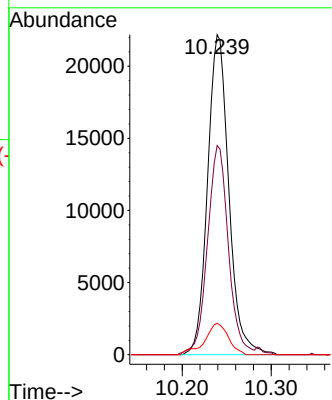
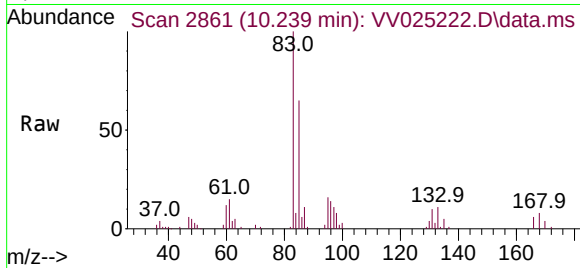




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.017 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025222.D
 Acq: 27 Mar 2022 00:37

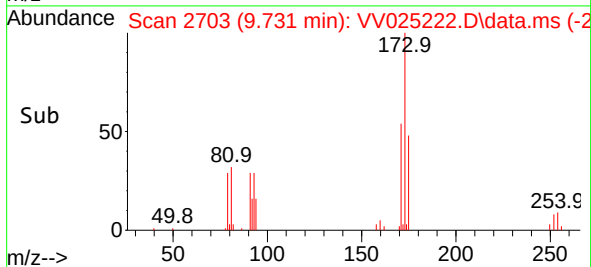
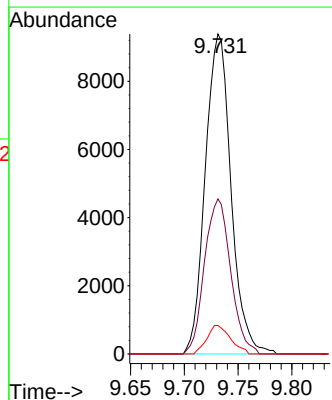
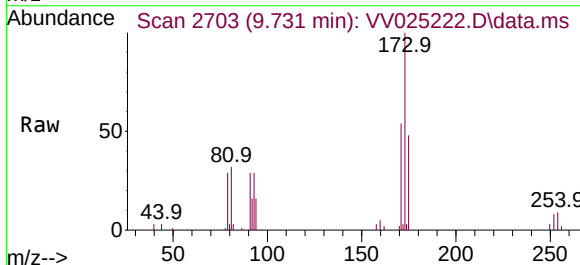
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005351

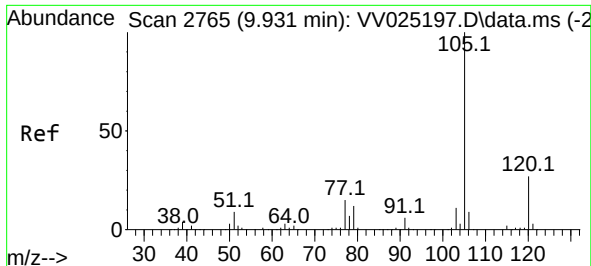
Tgt Ion: 83 Resp: 36708
 Ion Ratio Lower Upper
 83 100
 85 65.3 46.2 85.8
 131 9.8 8.1 12.1



#59
 Bromoform
 Concen: 5.022 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV025222.D
 Acq: 27 Mar 2022 00:37

Tgt Ion: 173 Resp: 15641
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.4 59.0
 254 8.2 5.6 8.4

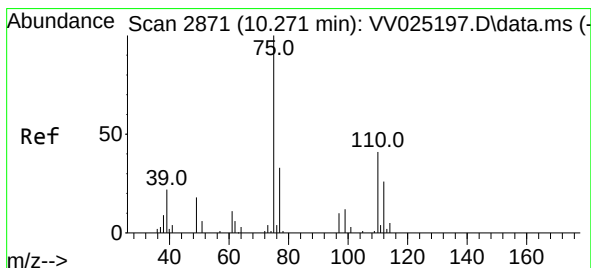
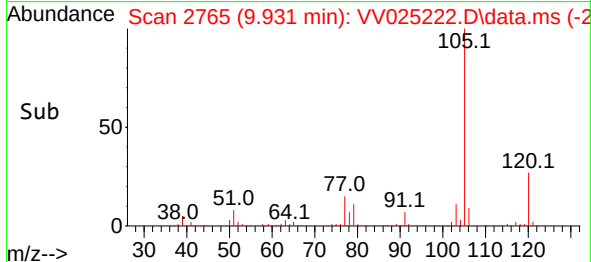
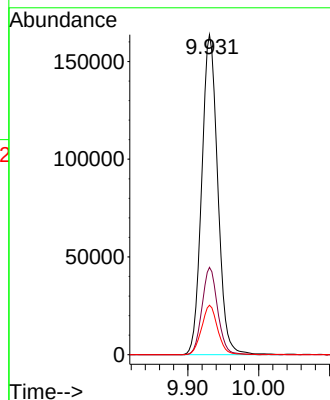
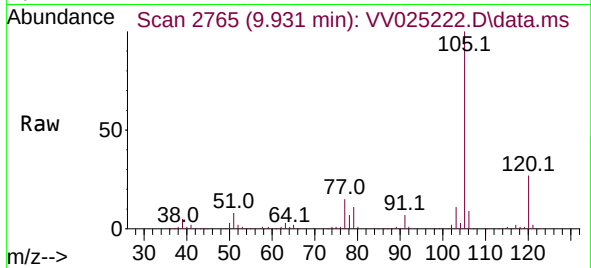




#60
Isopropylbenzene
Concen: 5.075 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

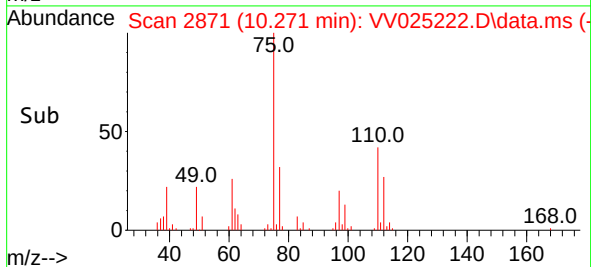
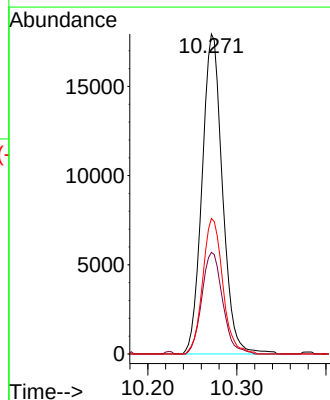
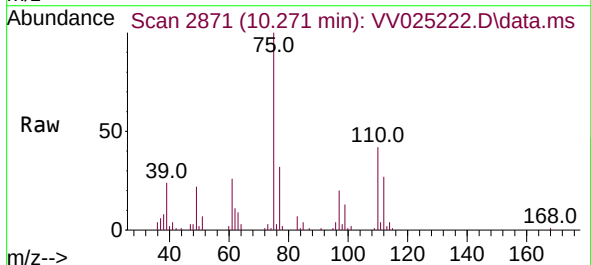
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

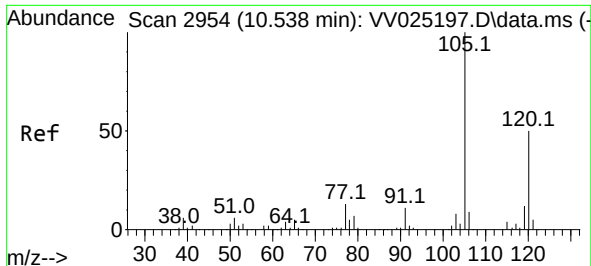
Tgt Ion:105 Resp: 256439
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.956 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 75 Resp: 28568
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 41.6 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.821 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025222.D

Acq: 27 Mar 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

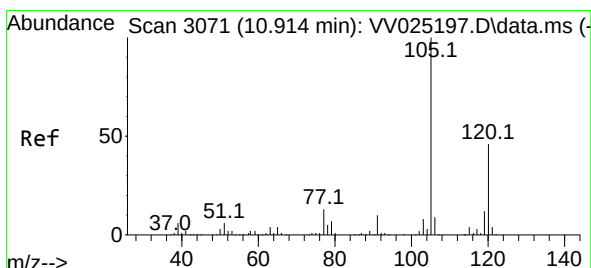
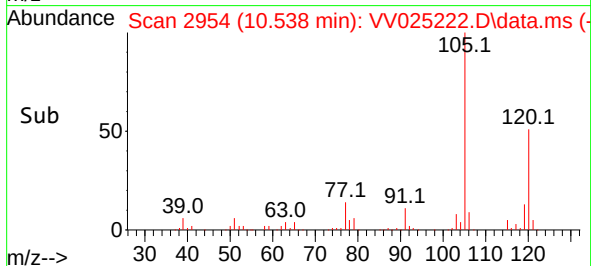
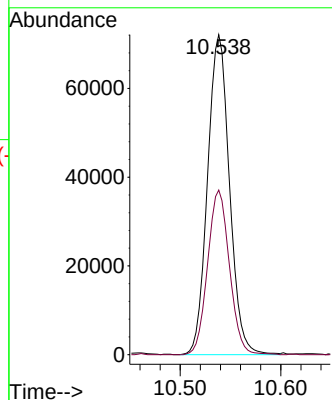
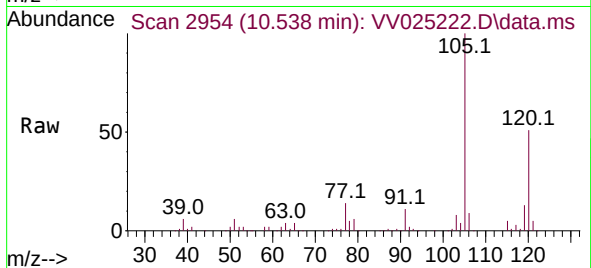
VSTD005351

Tgt Ion:105 Resp: 109242

Ion Ratio Lower Upper

105 100

120 51.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.032 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV025222.D

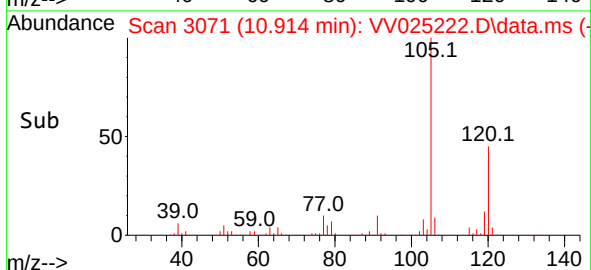
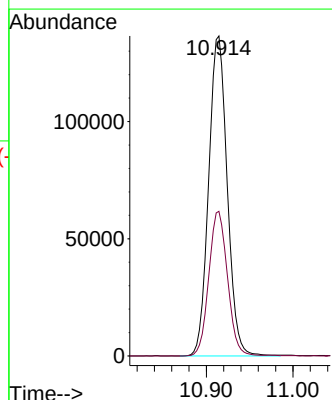
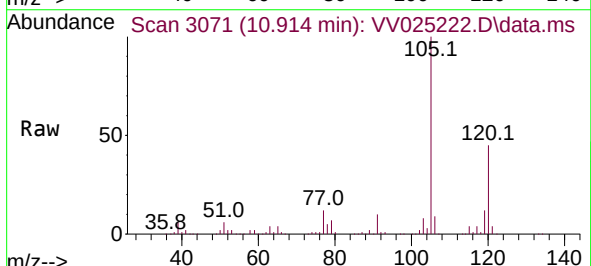
Acq: 27 Mar 2022 00:37

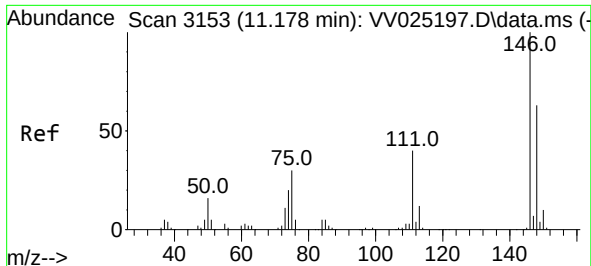
Tgt Ion:105 Resp: 203433

Ion Ratio Lower Upper

105 100

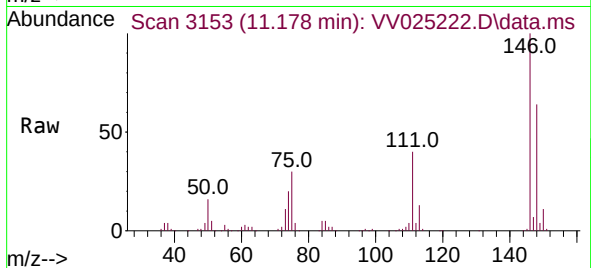
120 45.5 36.5 54.7



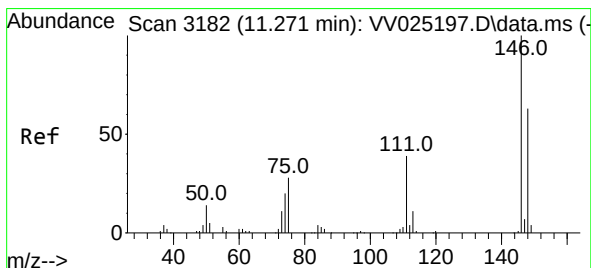
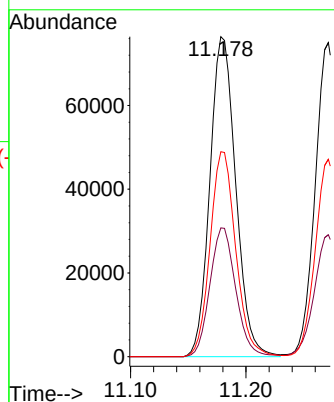
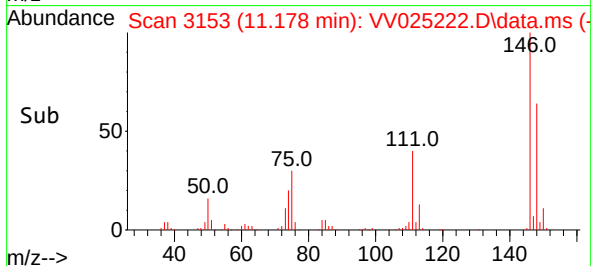


#64
1,3-Dichlorobenzene
Concen: 5.033 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

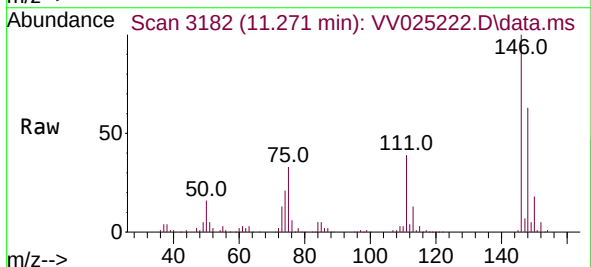
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351



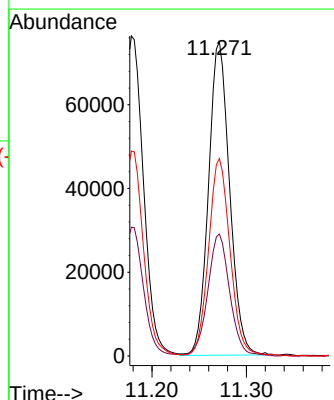
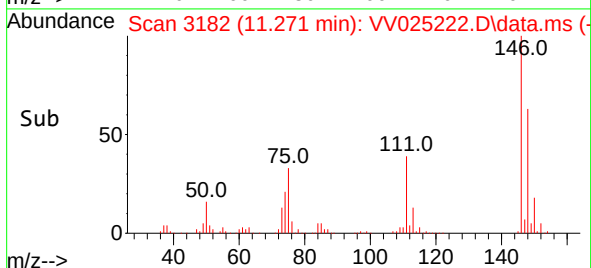
Tgt Ion:146 Resp: 119098
Ion Ratio Lower Upper
146 100
111 40.2 29.0 53.8
148 64.0 44.0 81.8

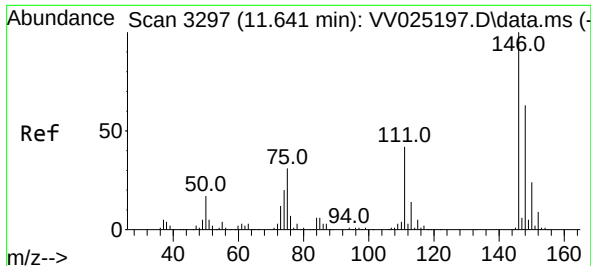


#65
1,4-Dichlorobenzene
Concen: 4.892 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37



Tgt Ion:146 Resp: 115949
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.9
148 62.9 45.6 84.8

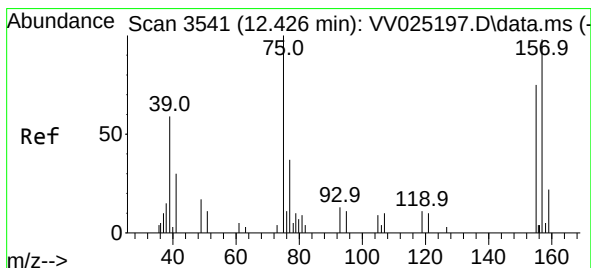
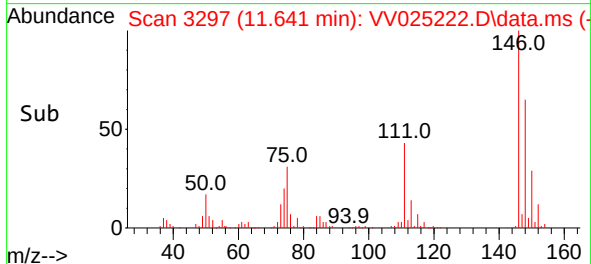
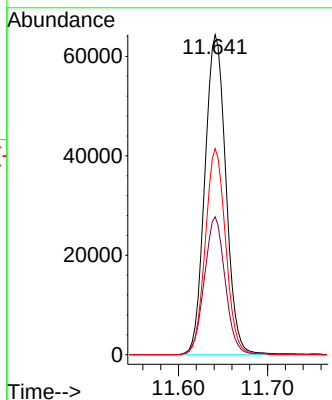
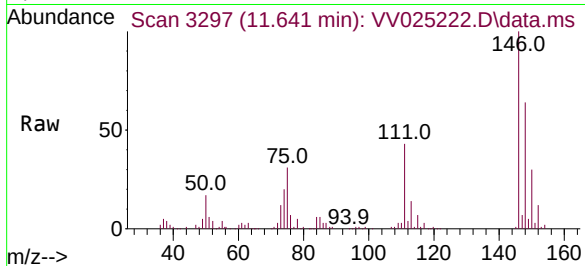




#67
1,2-Dichlorobenzene
Concen: 5.057 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

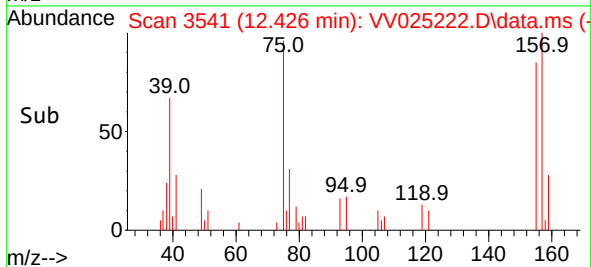
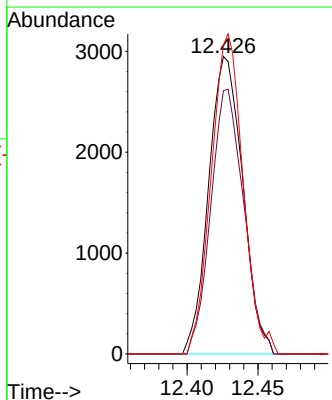
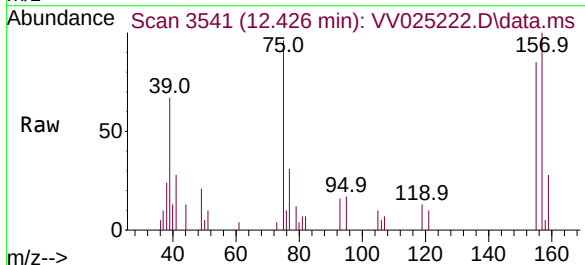
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

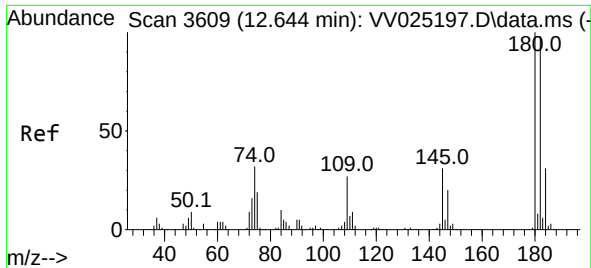
Tgt Ion:146 Resp: 105307
Ion Ratio Lower Upper
146 100
111 43.1 33.0 49.6
148 64.4 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.776 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion: 75 Resp: 4930
Ion Ratio Lower Upper
75 100
155 88.4 80.0 120.0
157 103.8 94.5 141.7

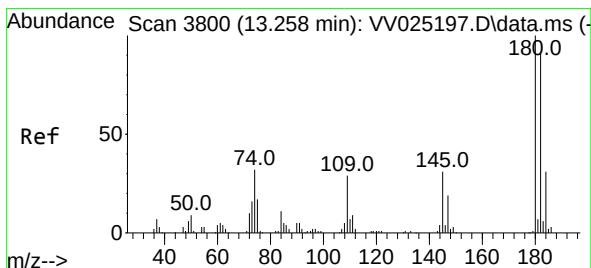
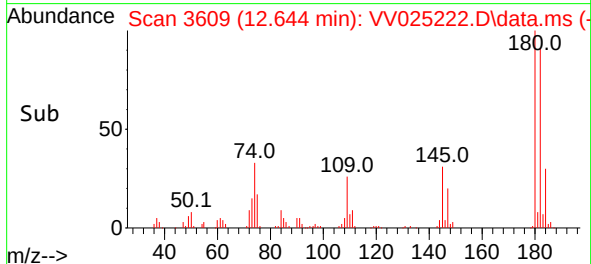
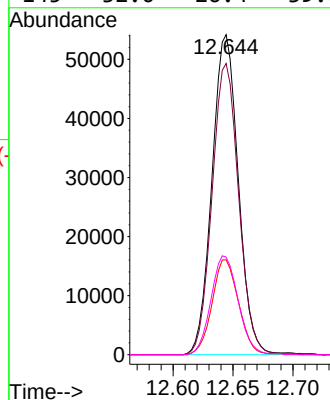
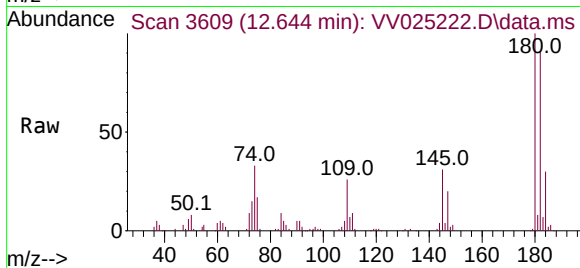




#69
1,3,5-Trichlorobenzene
Concen: 4.833 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

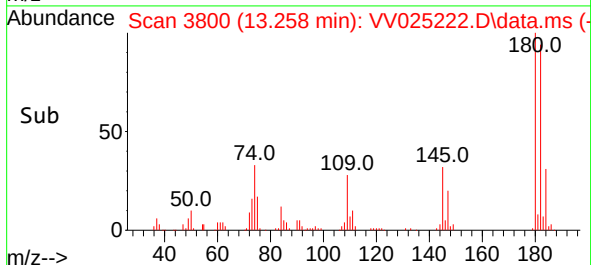
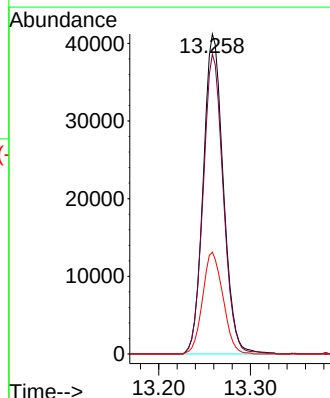
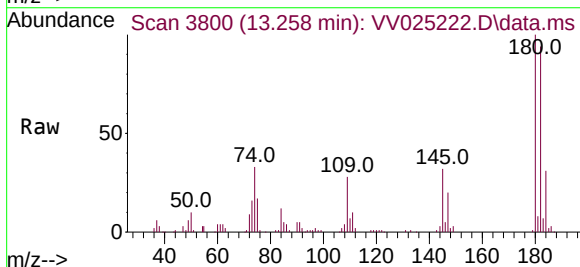
Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

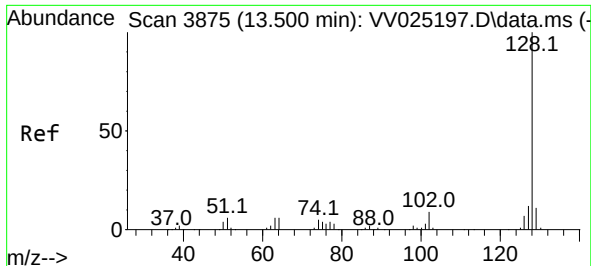
Tgt Ion:180	Resp:	82500
Ion Ratio	Lower	Upper
180	100	
182	91.9	77.1 115.7
184	30.1	23.6 35.4
145	32.0	26.4 39.6



#70
1,2,4-trichlorobenzene
Concen: 4.854 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion:180	Resp:	62528
Ion Ratio	Lower	Upper
180	100	
182	94.0	77.5 116.3
145	32.3	26.2 39.4

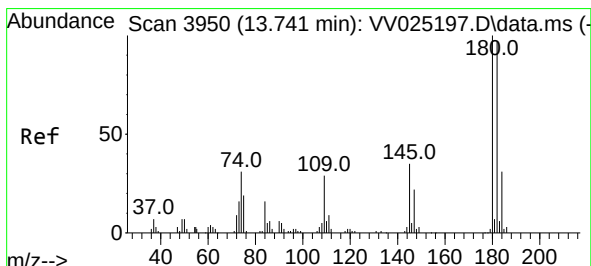
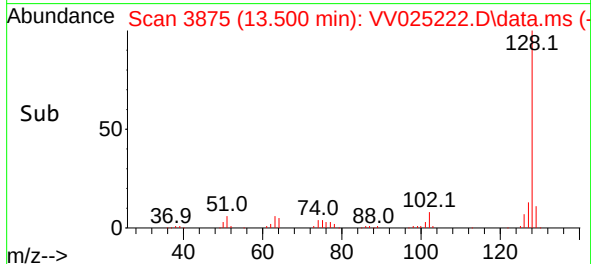
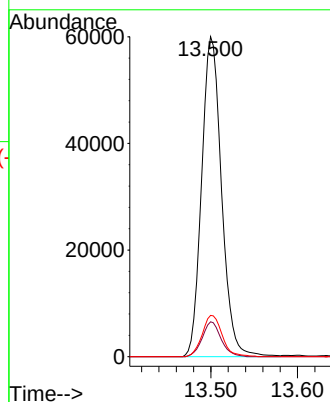
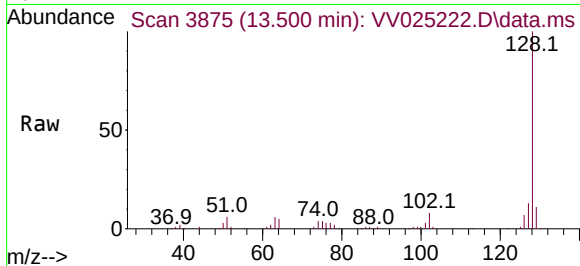




#71
Naphthalene
Concen: 4.780 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

Tgt Ion:128 Resp: 95962
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.9 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.869 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025222.D
Acq: 27 Mar 2022 00:37

Tgt Ion:180 Resp: 54042
Ion Ratio Lower Upper
180 100
182 98.8 75.8 113.6
145 35.6 28.6 42.8

