

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021435.D
 Acq On : 26 May 2021 18:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005175

Quant Time: May 27 02:06:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	232643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	216324	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123030	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40440	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.565	69	43378	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.108	63	85959	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	3.918	46	193262	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.352	84	129859	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.037	65	60932	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.053	84	239305	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.072	67	76616	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.320	98	215571	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	7.625	79	31050	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.092	63	175269	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	67730	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	100208	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	79972	5.12	ug/L	99
3) Chloromethane	1.240	50	71634	5.23	ug/L	99
5) Vinyl chloride	1.307	62	76230	5.36	ug/L	97
6) Bromomethane	1.519	94	51353	5.51	ug/L	100
8) Chloroethane	1.584	64	45342	5.29	ug/L	100
9) Trichlorofluoromethane	1.751	101	120766	5.50	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	67211	5.49	ug/L	99
12) 1,1-Dichloroethene	2.118	96	61483	5.33	ug/L	96
13) Acetone	2.211	43	29246	14.66	ug/L #	38
14) Carbon disulfide	2.291	76	197959	5.10	ug/L	100
15) Methyl Acetate	2.449	43	29784	6.33	ug/L	97
16) Methylene chloride	2.507	84	87976	4.64	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	180440	5.41	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	76908	5.34	ug/L	99
19) 1,1-Dichloroethane	3.191	63	134544	5.29	ug/L	98
21) 2-Butanone	4.002	43	187056	55.05	ug/L #	74
22) cis-1,2-Dichloroethene	3.915	96	85402	5.45	ug/L	99
23) Bromochloromethane	4.253	128	38738	5.50	ug/L	93
25) Chloroform	4.378	83	139926	5.37	ug/L	98

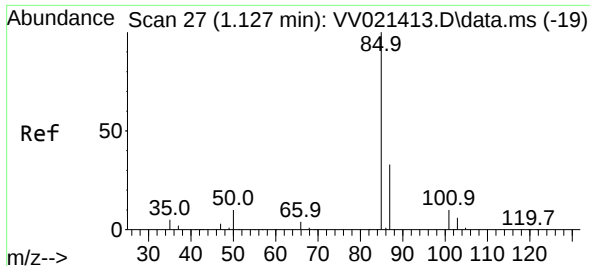
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	76021	5.39	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	130710	5.38	ug/L	99
30) Cyclohexane	4.680	56	121876	5.10	ug/L	100
31) Carbon tetrachloride	4.828	117	118021	5.36	ug/L	99
33) Benzene	5.101	78	300828	5.33	ug/L	100
34) Trichloroethene	5.918	95	82005	5.29	ug/L	99
35) Methylcyclohexane	6.133	83	131261	5.14	ug/L	100
37) 1,2-Dichloropropane	6.175	63	73676	5.26	ug/L	99
38) Bromodichloromethane	6.513	83	100143	5.24	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	118706	5.29	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	466928	54.49	ug/L	99
42) Toluene	7.391	91	337109	5.40	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	98935	5.37	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	56379	5.44	ug/L	98
47) Tetrachloroethene	7.976	164	75204	5.32	ug/L	99
48) 2-Hexanone	8.143	43	323240	55.49	ug/L	99
49) Dibromochloromethane	8.249	129	75615	5.38	ug/L	99
50) 1,2-Dibromoethane	8.355	107	53398	5.35	ug/L	97
51) Chlorobenzene	8.883	112	221653	5.38	ug/L	98
52) Ethylbenzene	9.014	91	376055	5.39	ug/L	100
53) m,p-xylene	9.140	106	144784	5.38	ug/L	99
54) o-xylene	9.545	106	143331	5.45	ug/L	100
55) Styrene	9.561	104	240450	5.43	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	66475	5.45	ug/L	99
59) Bromoform	9.735	173	48362	5.44	ug/L	97
60) Isopropylbenzene	9.931	105	392060	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	47663	5.45	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	330597	5.33	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	334683	5.28	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	193515	5.40	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	189639	5.30	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	178840	5.39	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11695	5.47	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	171100	5.30	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	140698	5.25	ug/L	99
71) Naphthalene	13.503	128	225157	5.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	129885	5.47	ug/L	98

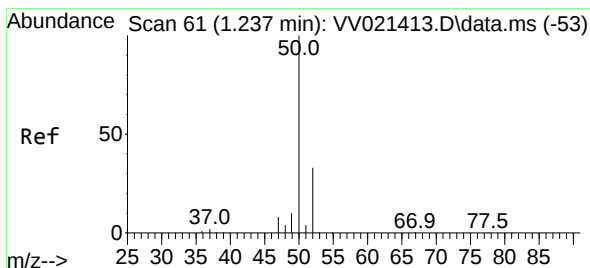
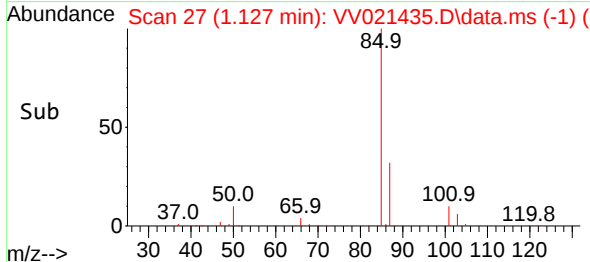
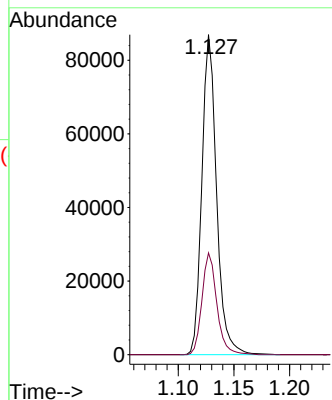
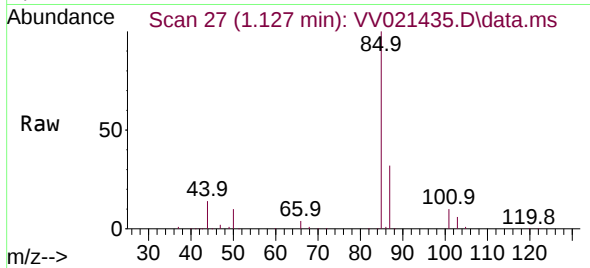
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.12 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

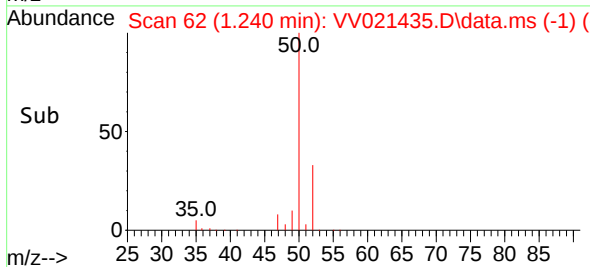
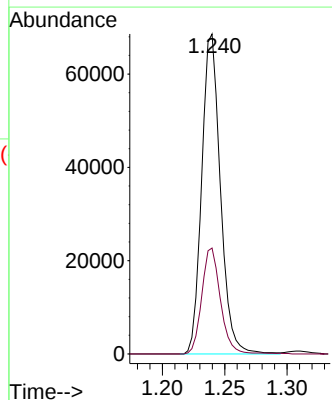
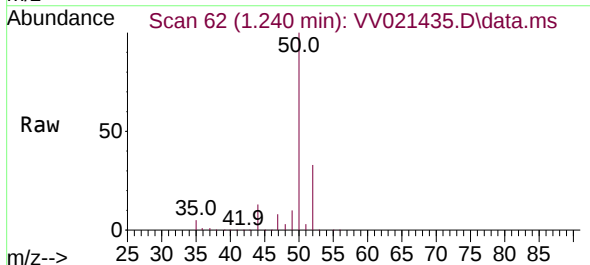
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005175

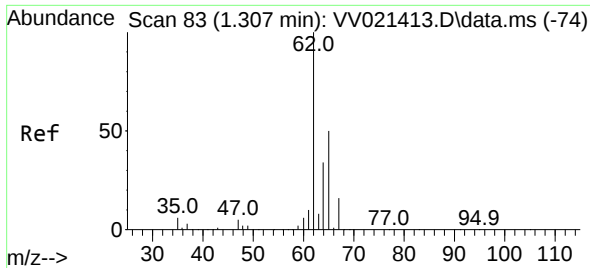
Tgt Ion: 85 Resp: 79972
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 5.23 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

Tgt Ion: 50 Resp: 71634
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0

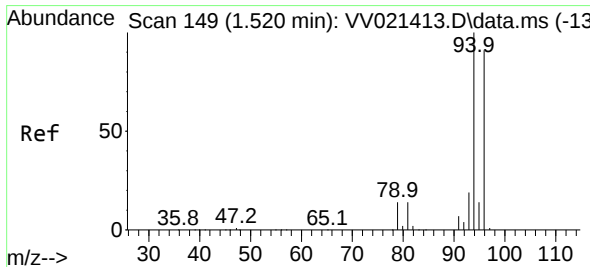
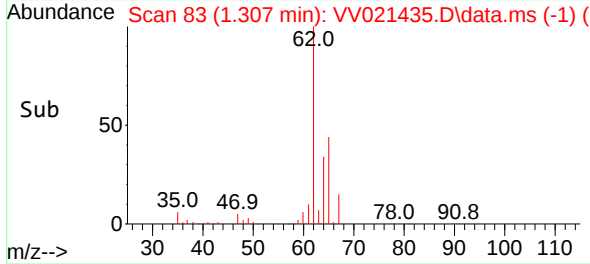
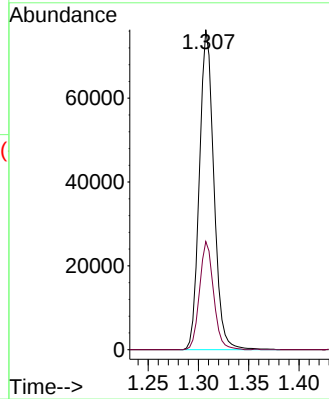
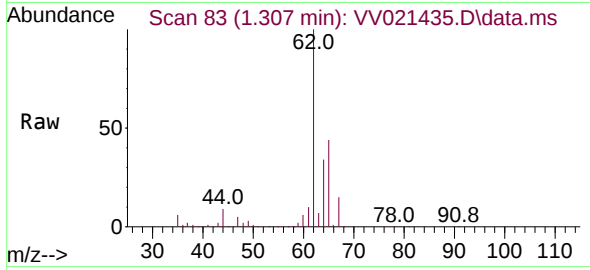




#5
 Vinyl chloride
 Concen: 5.36 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

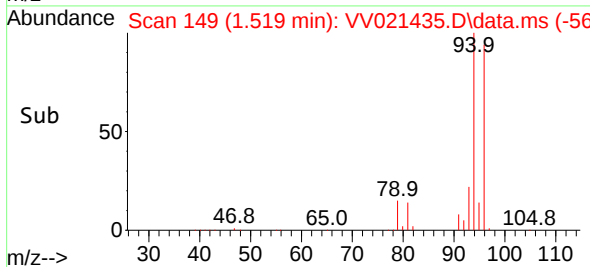
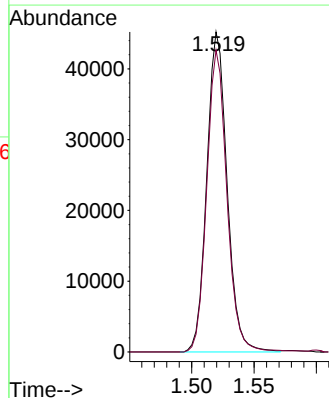
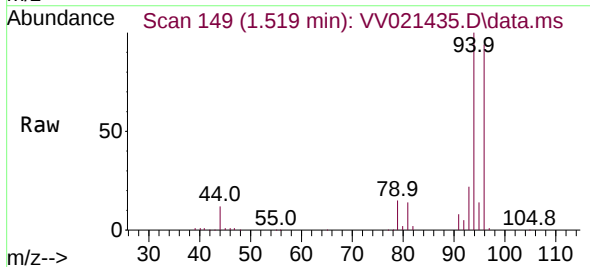
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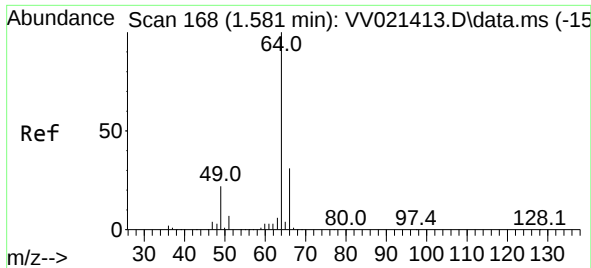
Tgt Ion: 62 Resp: 76230
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.6 42.0



#6
 Bromomethane
 Concen: 5.51 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

Tgt Ion: 94 Resp: 51353
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.9 122.3

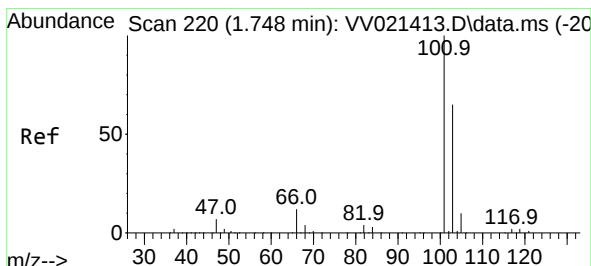
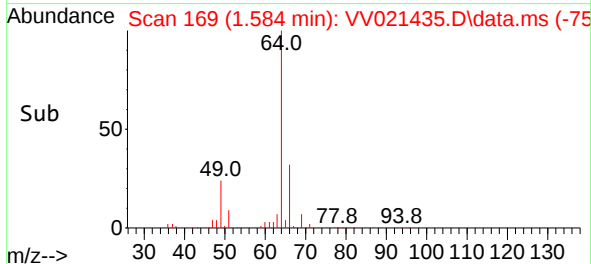
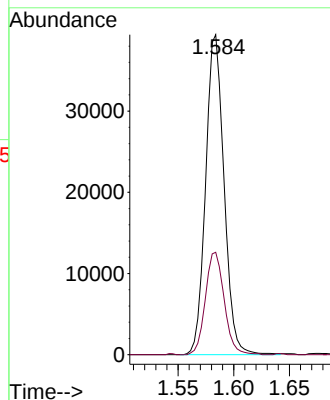
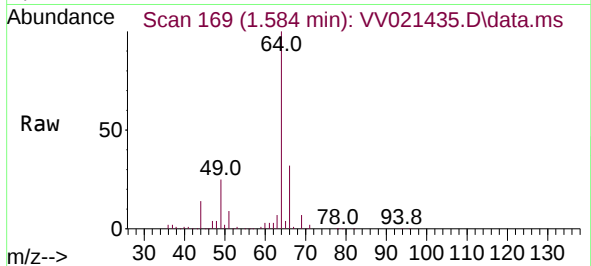




#8
Chloroethane
Concen: 5.29 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

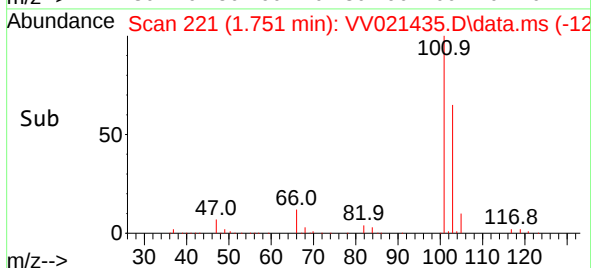
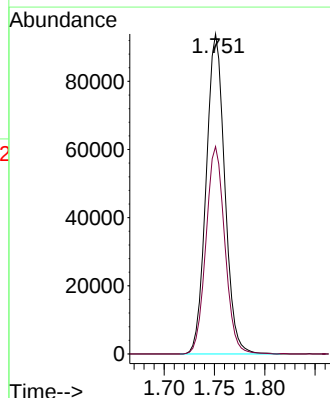
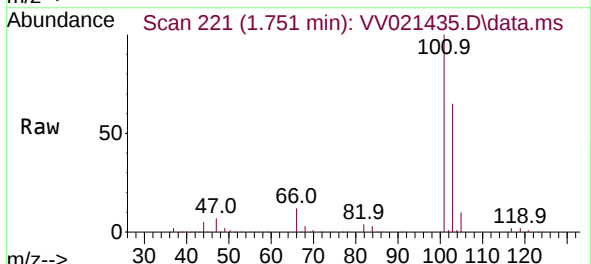
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

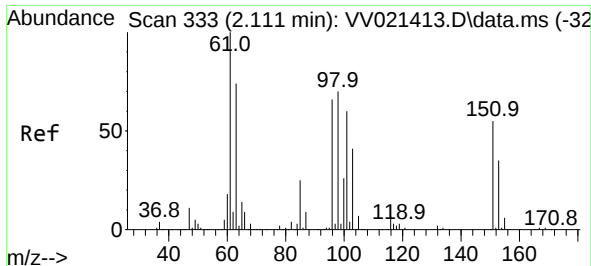
Tgt Ion: 64 Resp: 45342
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.50 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 101 Resp: 120766
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.49 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion:101 Resp: 67211

Ion Ratio Lower Upper

101 100

85 40.6 32.6 48.8

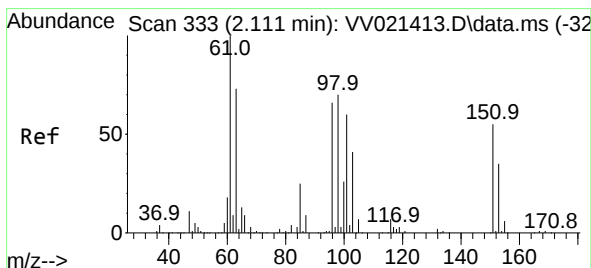
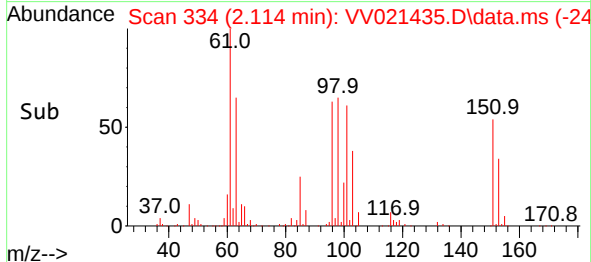
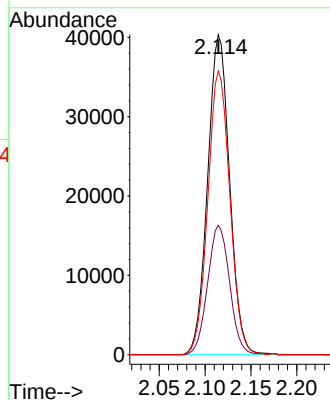
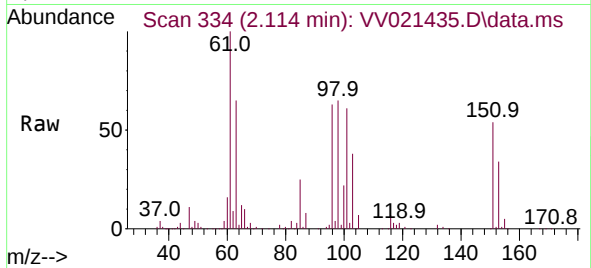
151 89.2 70.7 106.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD005175



#12

1,1-Dichloroethene

Concen: 5.33 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.006 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

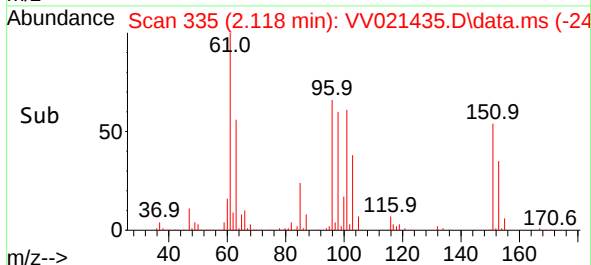
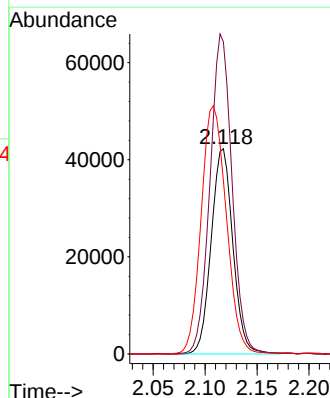
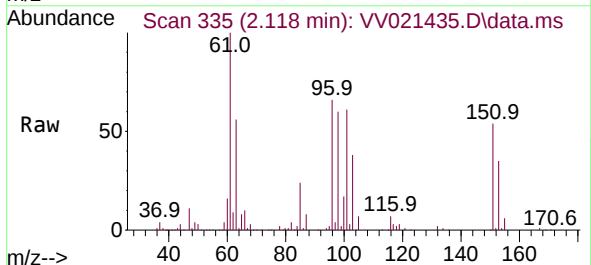
Tgt Ion: 96 Resp: 61483

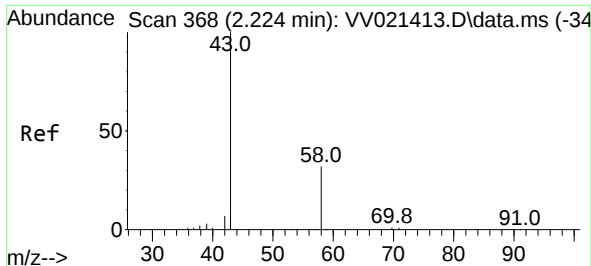
Ion Ratio Lower Upper

96 100

61 152.0 103.7 192.5

63 84.4 62.4 115.8

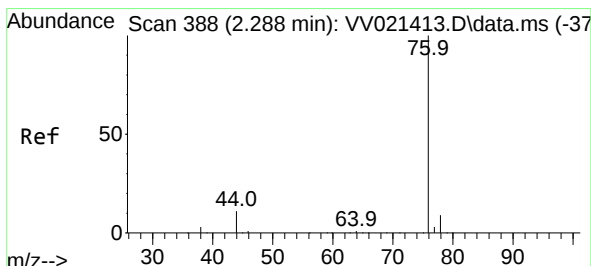
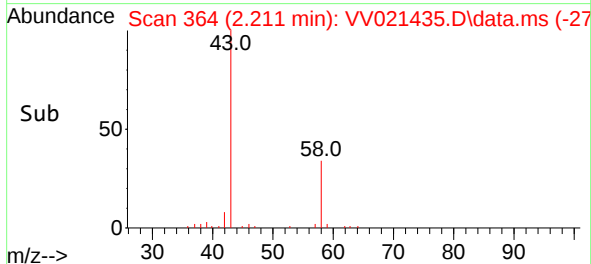
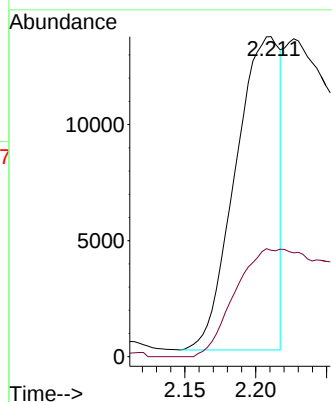
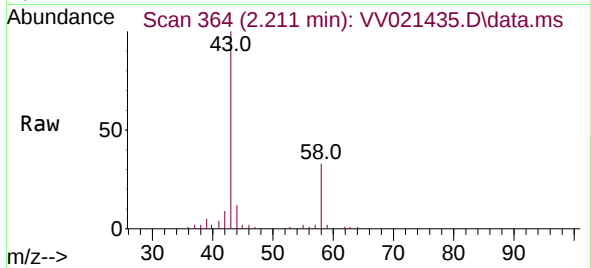




#13
Acetone
Concen: 14.66 ug/L
RT: 2.211 min Scan# 364
Delta R.T. -0.013 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

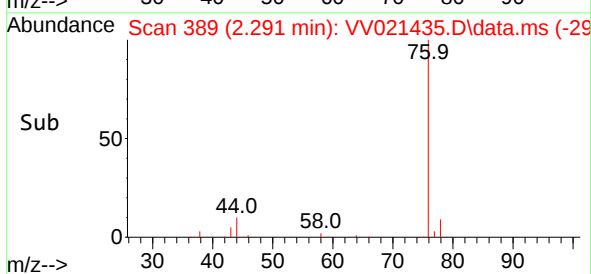
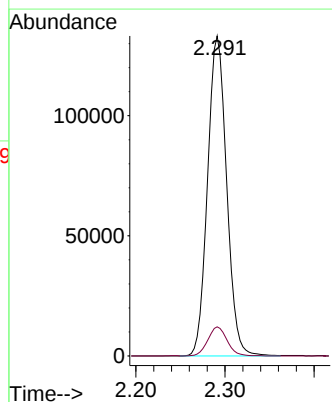
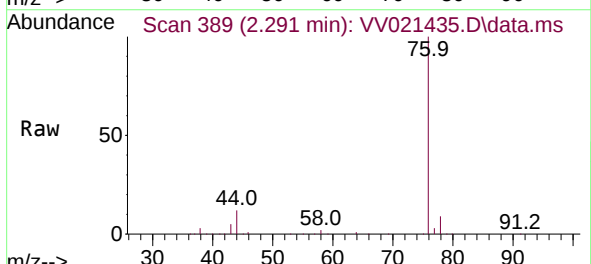
Instrument :
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VSTD005175

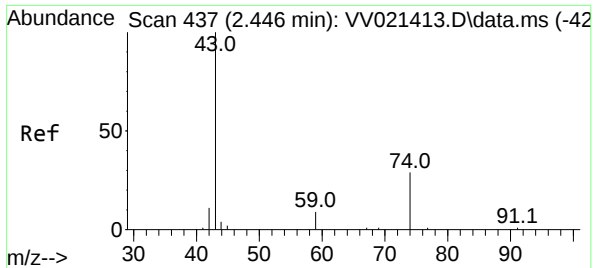
Tgt Ion: 43 Resp: 29246
Ion Ratio Lower Upper
43 100
58 31.7 0.0 18.6#



#14
Carbon disulfide
Concen: 5.10 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 76 Resp: 197959
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

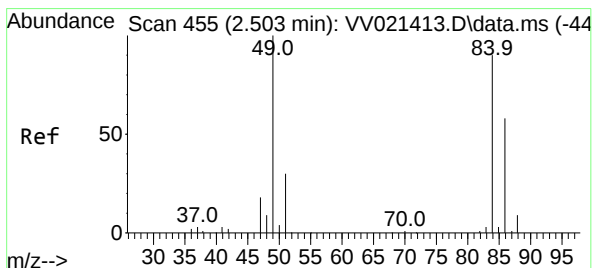
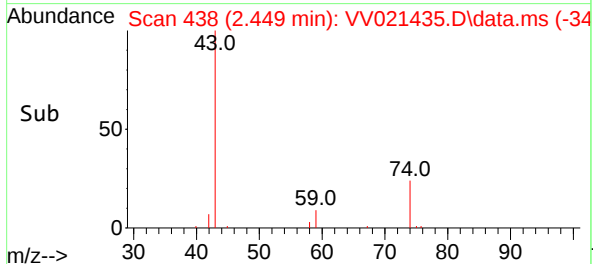
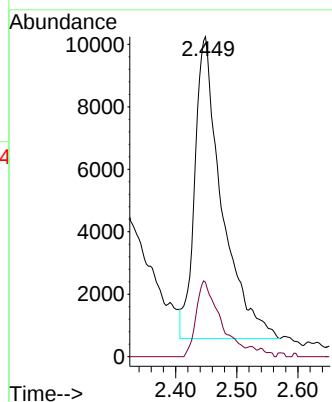
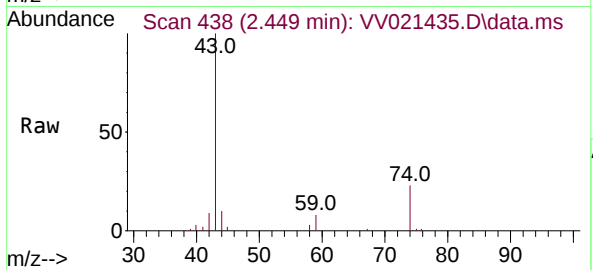




#15
Methyl Acetate
Concen: 6.33 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

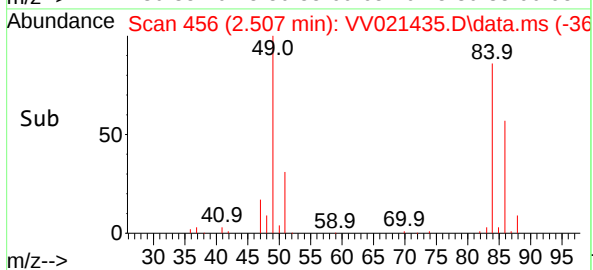
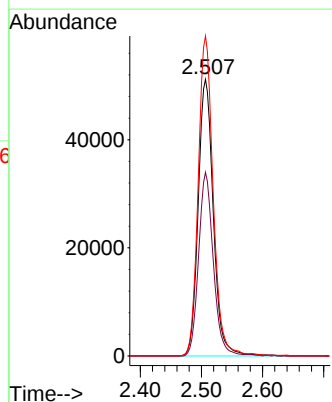
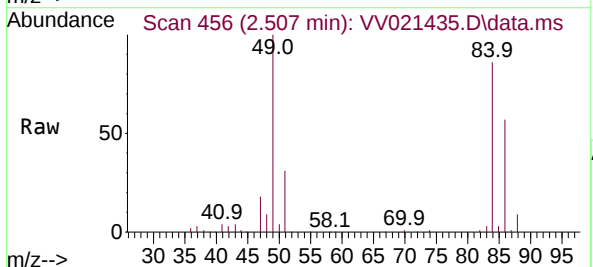
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

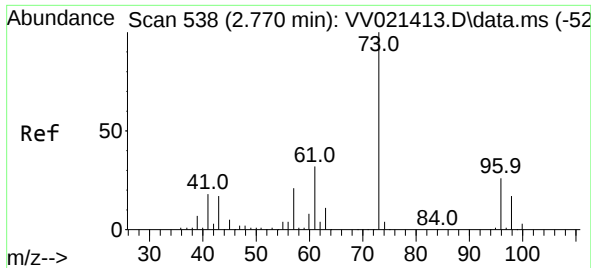
Tgt Ion: 43 Resp: 29784
Ion Ratio Lower Upper
43 100
74 22.2 18.8 28.2



#16
Methylene chloride
Concen: 4.64 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 84 Resp: 87976
Ion Ratio Lower Upper
84 100
86 66.4 44.7 82.9
49 115.6 82.7 153.5

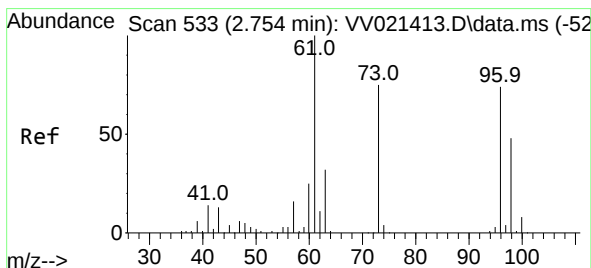
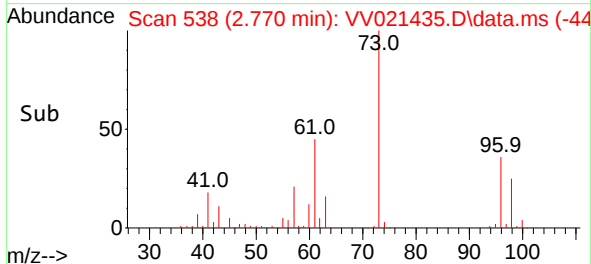
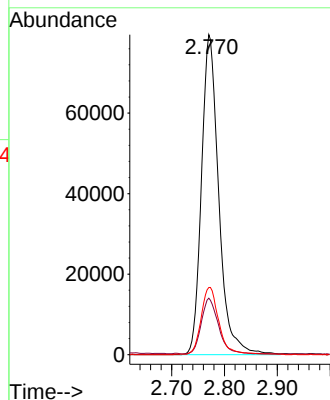
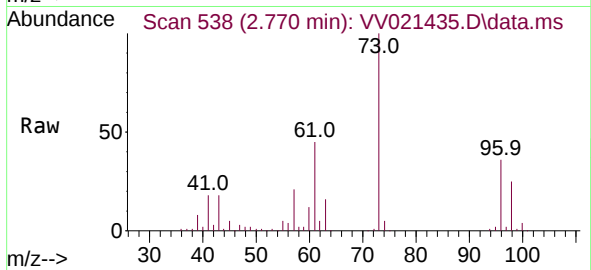




#17
Methyl tert-butyl Ether
Concen: 5.41 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

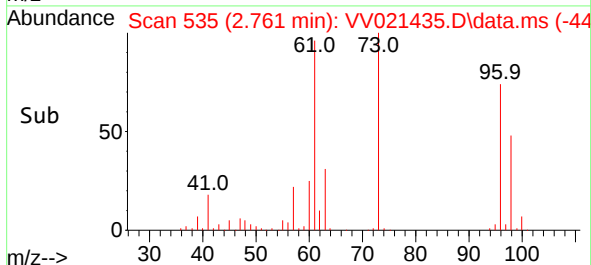
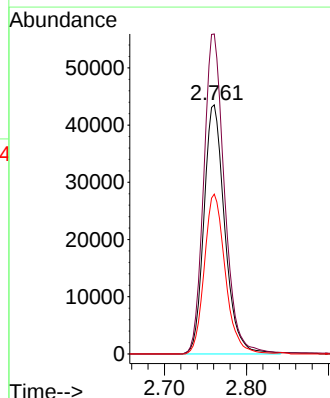
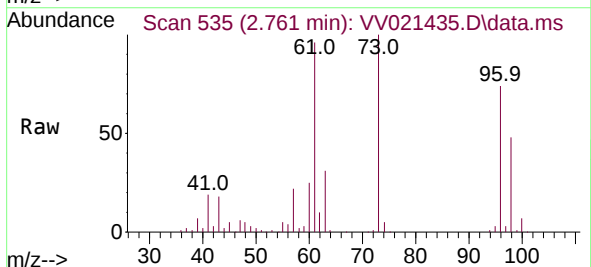
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

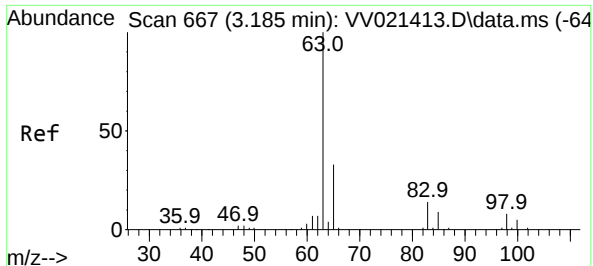
Tgt Ion: 73	Resp: 180440
Ion Ratio	Lower Upper
73	100
43	17.2 13.4 20.2
57	21.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.34 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 96	Resp: 76908
Ion Ratio	Lower Upper
96	100
61	128.4 88.7 164.7
98	64.1 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.29 ug/L

RT: 3.191 min Scan# 669

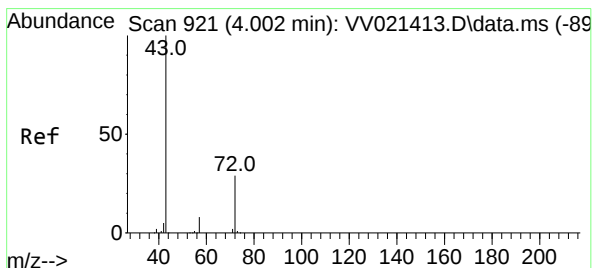
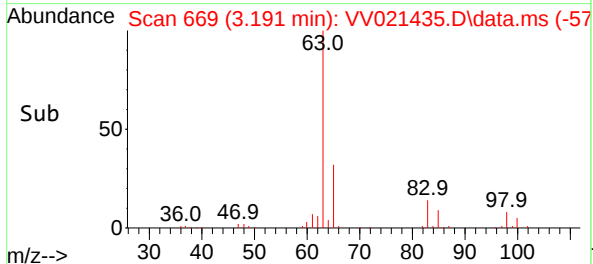
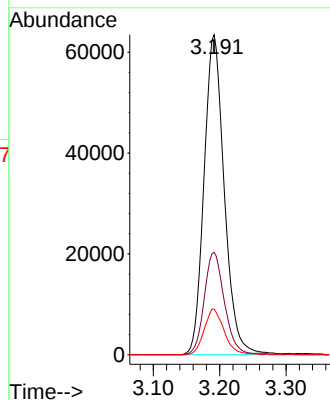
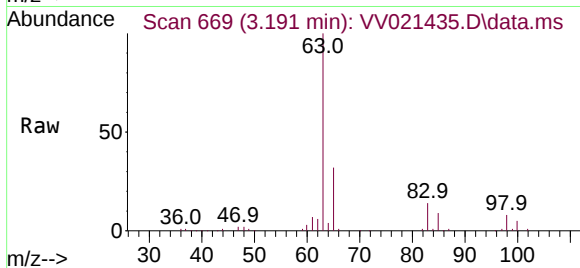
Delta R.T. 0.006 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion: 63	Resp: 134544
Ion Ratio	Lower Upper
63 100	
65 32.0	23.2 43.2
83 14.2	9.4 17.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD005175



#21

2-Butanone

Concen: 55.05 ug/L

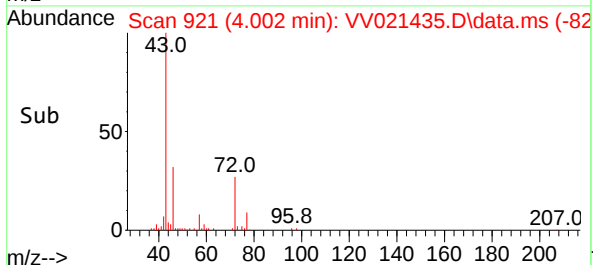
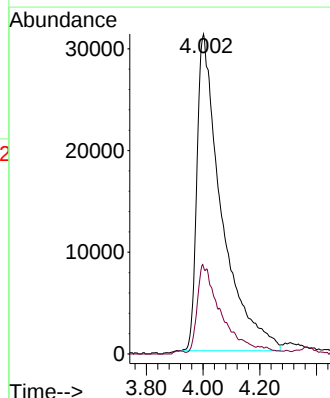
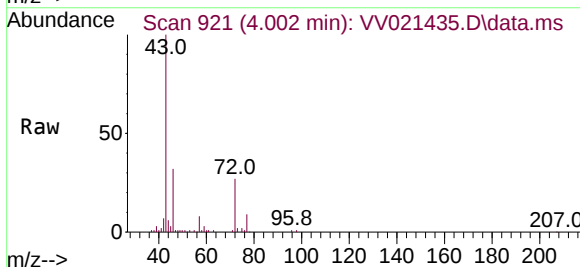
RT: 4.002 min Scan# 921

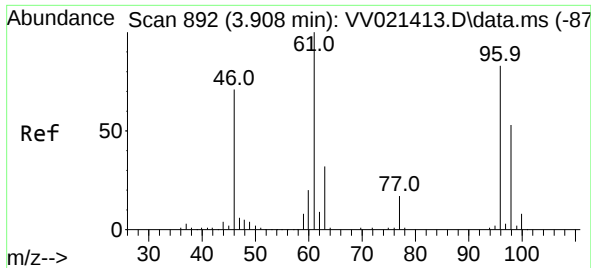
Delta R.T. -0.000 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion: 43	Resp: 187056
Ion Ratio	Lower Upper
43 100	
72 9.0	10.7 31.9#

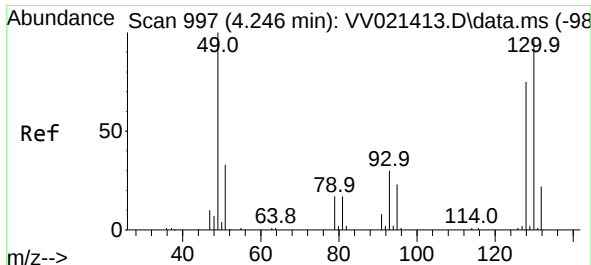
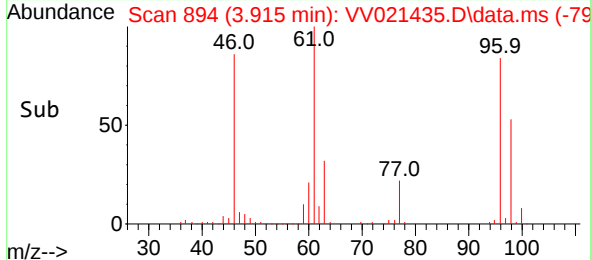
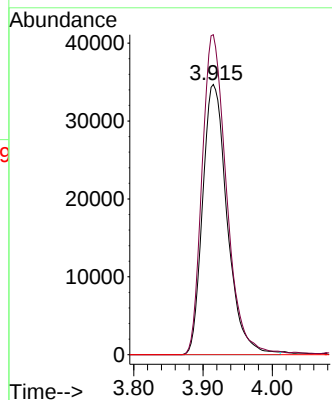
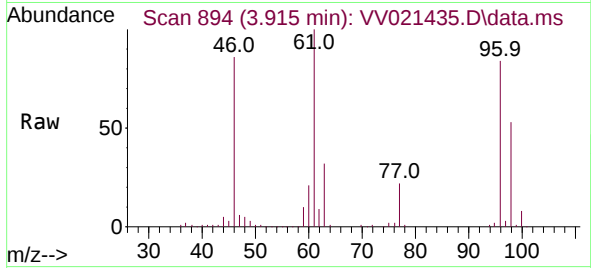




#22
 cis-1,2-Dichloroethene
 Concen: 5.45 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

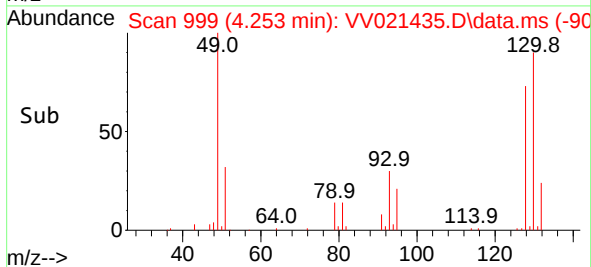
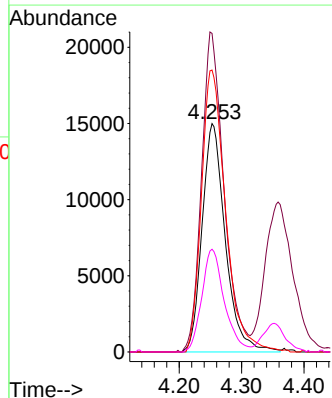
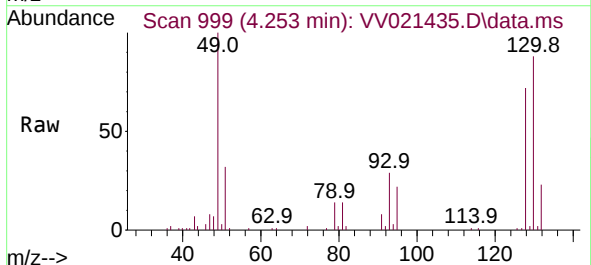
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005175

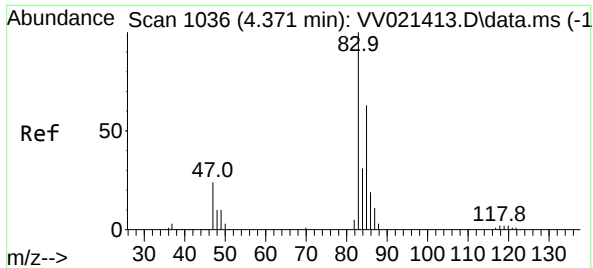
Tgt Ion: 96 Resp: 85402
 Ion Ratio Lower Upper
 96 100
 61 118.4 81.9 152.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.50 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

Tgt Ion:128 Resp: 38738
 Ion Ratio Lower Upper
 128 100
 49 139.6 102.3 190.1
 130 123.5 94.3 175.1
 51 45.0 38.9 58.3



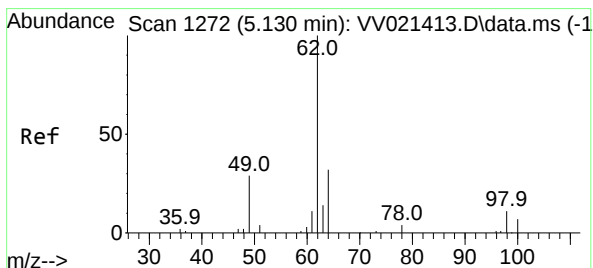
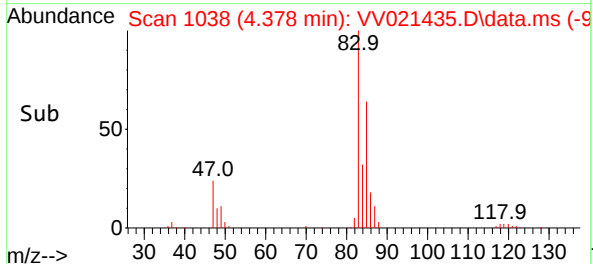
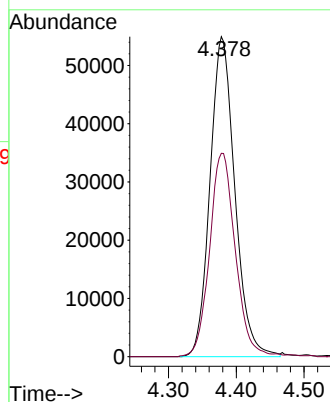
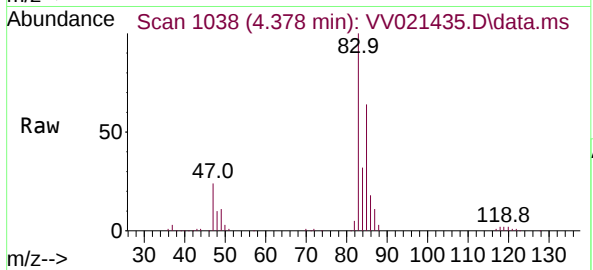


#25

Chloroform
Concen: 5.37 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

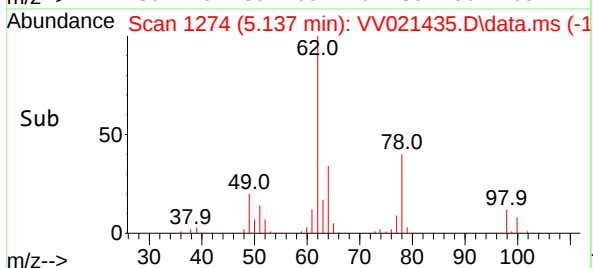
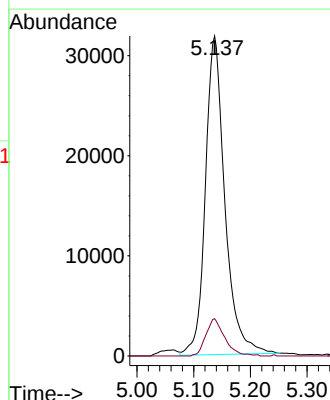
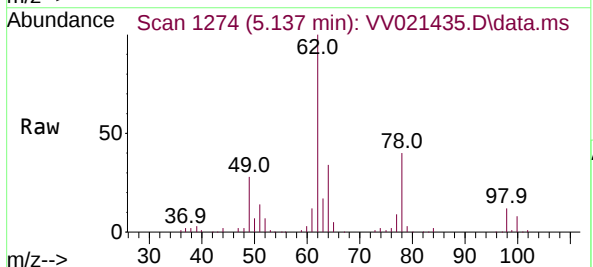
Tgt Ion: 83 Resp: 139926
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.2

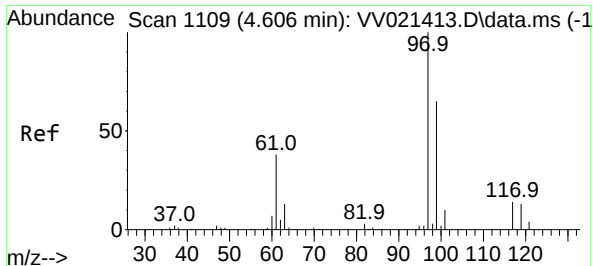


#27

1,2-Dichloroethane
Concen: 5.39 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 62 Resp: 76021
Ion Ratio Lower Upper
62 100
98 11.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.38 ug/L

RT: 4.609 min Scan# 1110

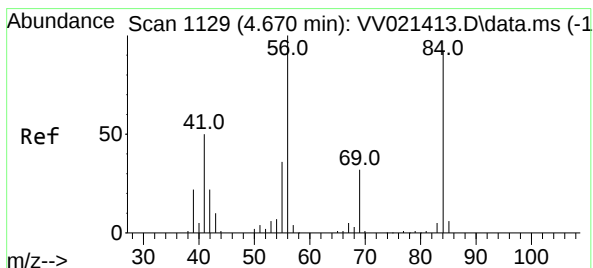
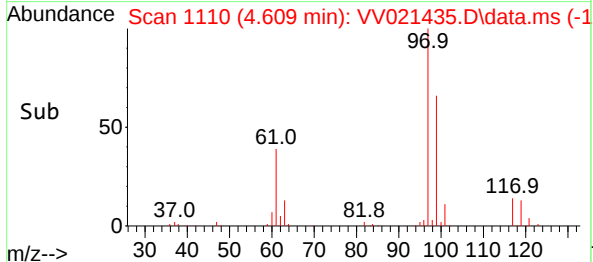
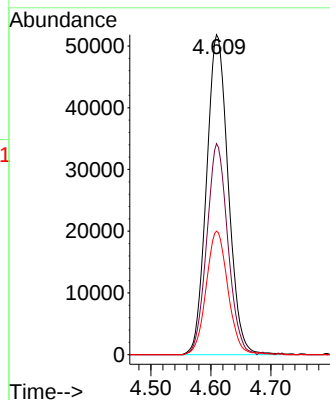
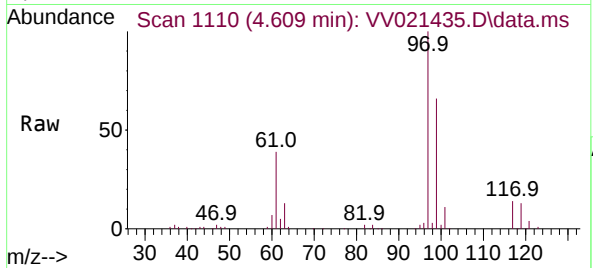
Delta R.T. 0.003 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion: 97 Resp: 130710

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	75.8
61	38.8	30.4	45.6



#30

Cyclohexane

Concen: 5.10 ug/L

RT: 4.680 min Scan# 1132

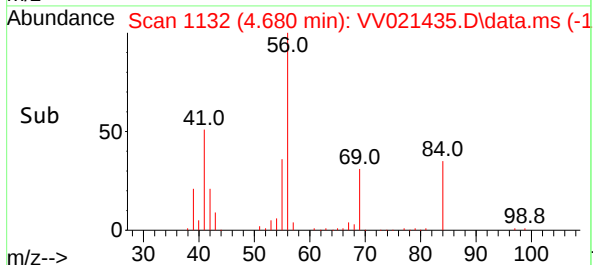
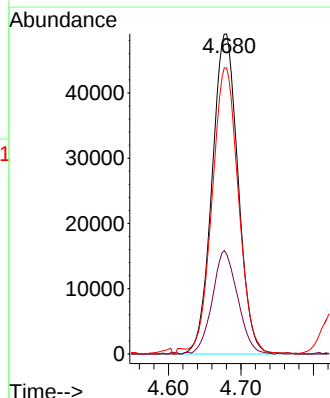
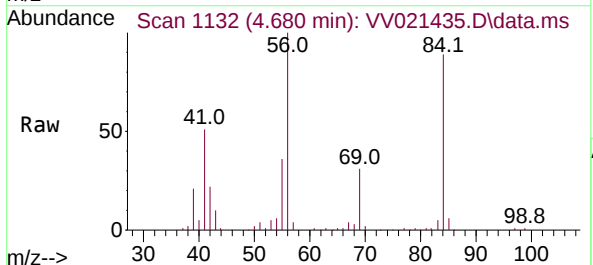
Delta R.T. 0.010 min

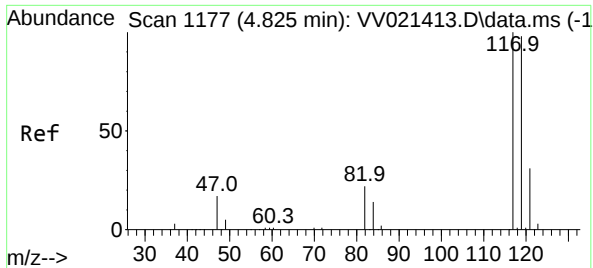
Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion: 56 Resp: 121876

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.2	37.8
84	91.0	72.7	109.1

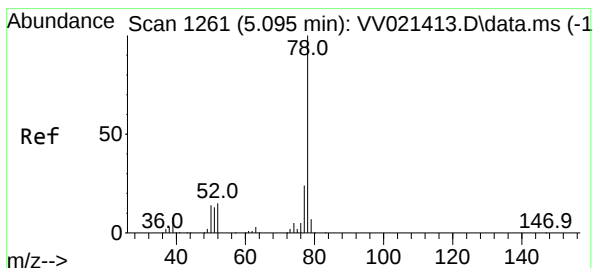
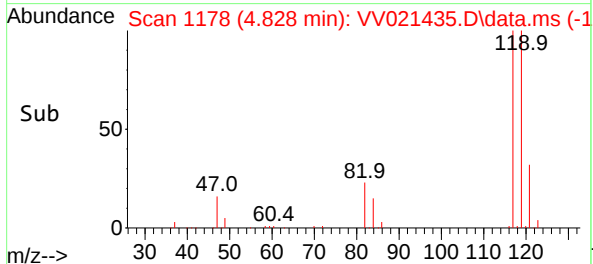
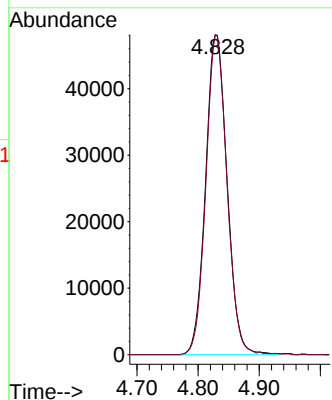
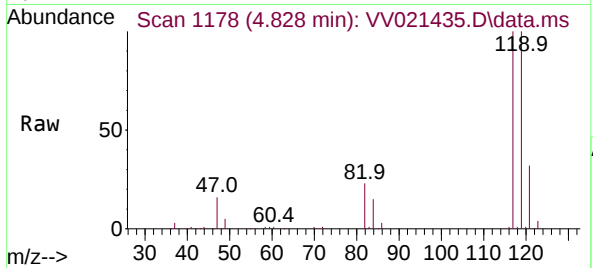




#31
Carbon tetrachloride
Concen: 5.36 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

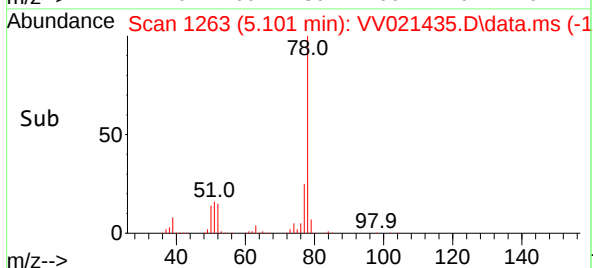
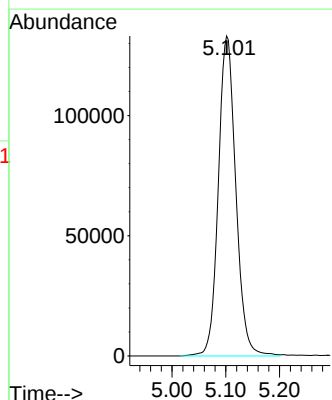
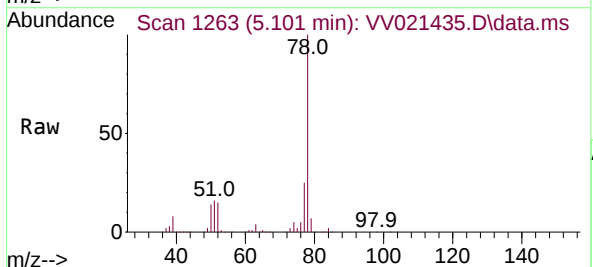
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

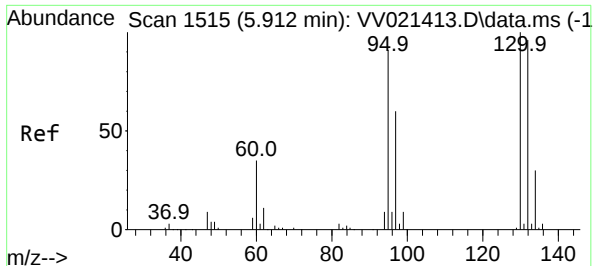
Tgt Ion:117 Resp: 118021
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6



#33
Benzene
Concen: 5.33 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 78 Resp: 300828



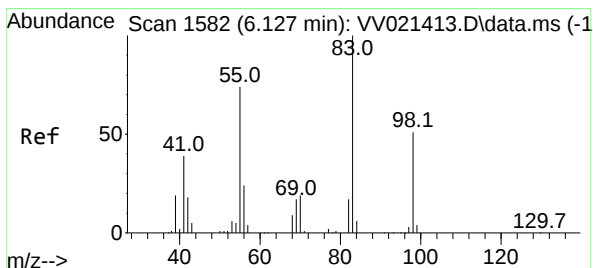
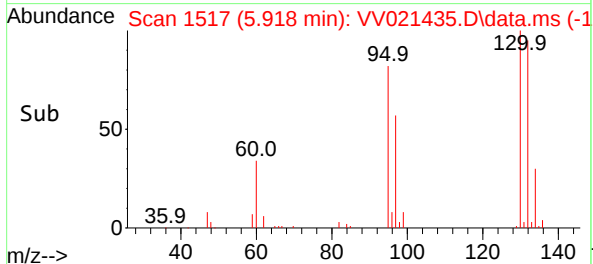
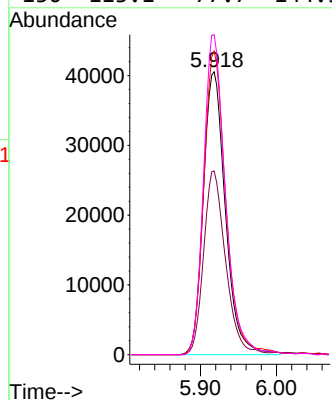
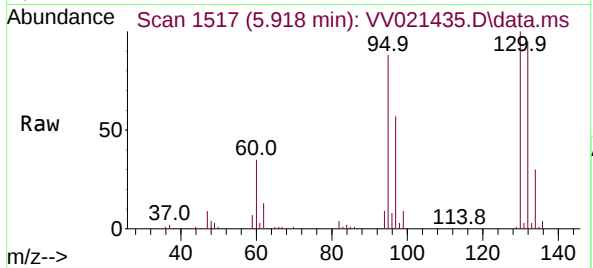


#34
Trichloroethene
Concen: 5.29 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

Tgt Ion: 95 Resp: 82005

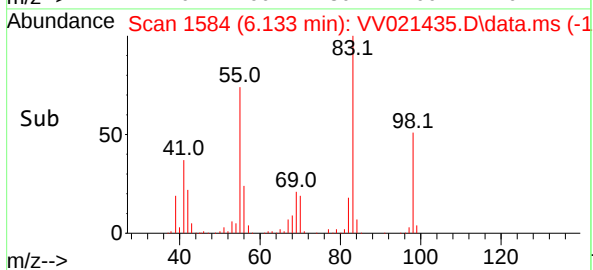
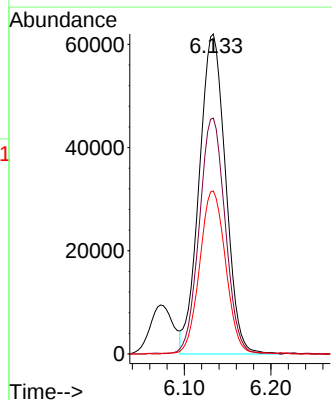
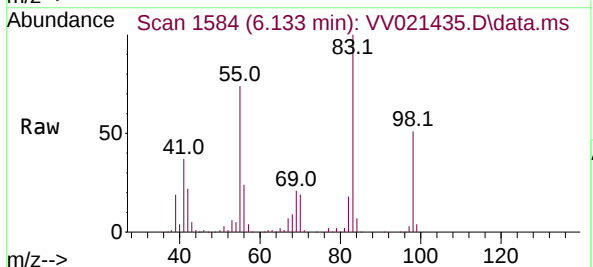
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.4	84.4
132	107.4	74.5	138.3
130	113.1	77.7	144.3

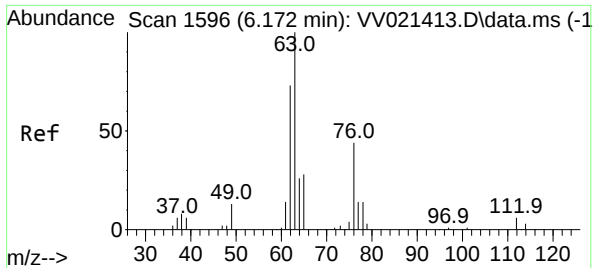


#35
Methylcyclohexane
Concen: 5.14 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 83 Resp: 131261

Ion	Ratio	Lower	Upper
83	100		
55	71.9	57.7	86.5
98	50.2	40.6	61.0

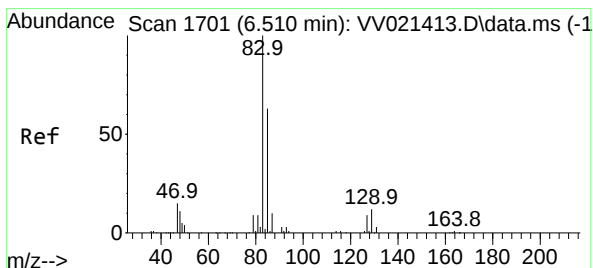
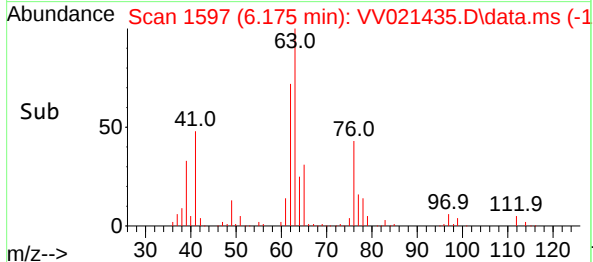
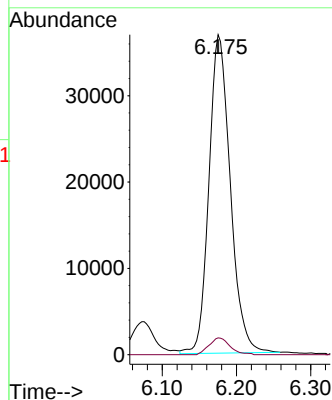
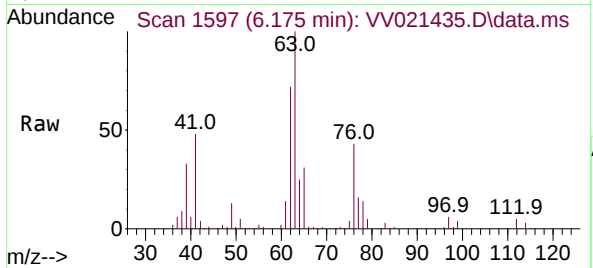




#37
1,2-Dichloropropane
Concen: 5.26 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

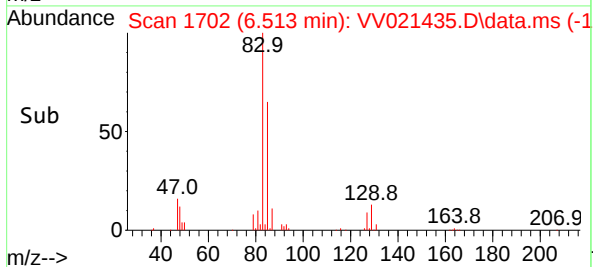
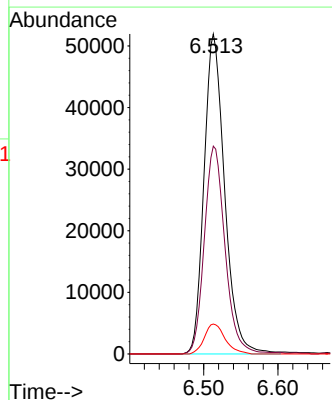
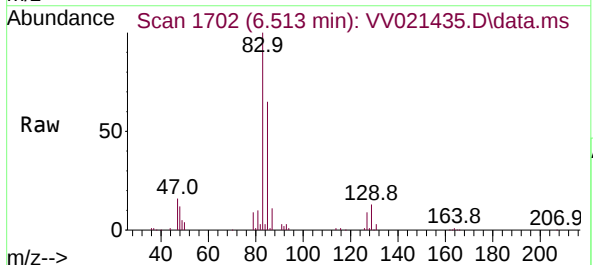
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

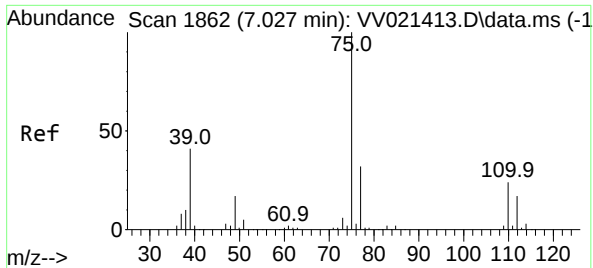
Tgt Ion: 63 Resp: 73676
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.24 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 83 Resp: 100143
Ion Ratio Lower Upper
83 100
85 65.0 46.2 85.8
127 9.4 7.3 10.9

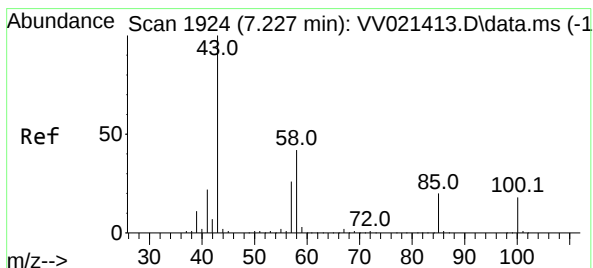
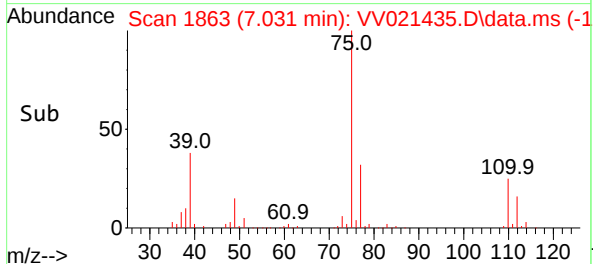
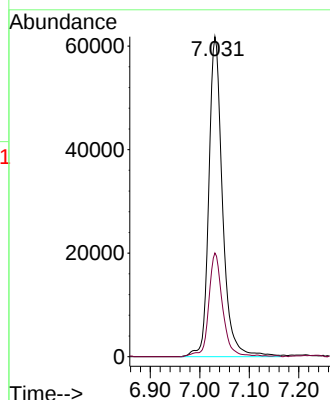
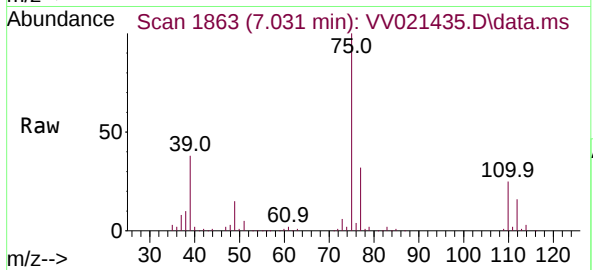




#39
 cis-1,3-Dichloropropene
 Concen: 5.29 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

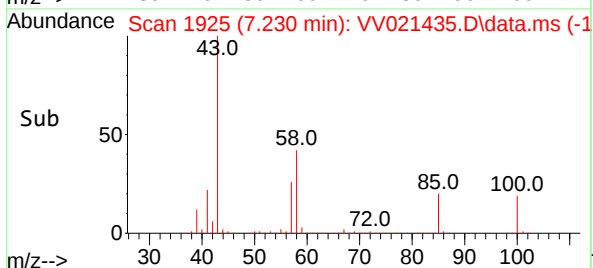
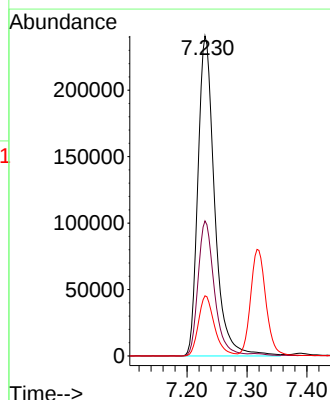
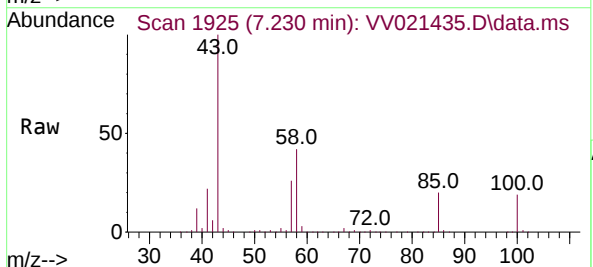
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005175

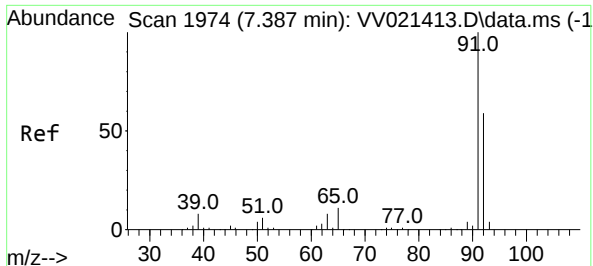
Tgt Ion: 75 Resp: 118706
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 54.49 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV021435.D
 Acq: 26 May 2021 18:57

Tgt Ion: 43 Resp: 466928
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.9 50.9
 100 18.2 14.2 21.4

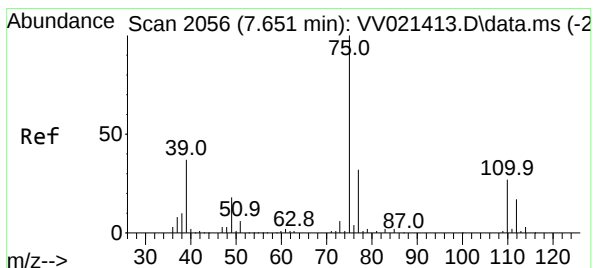
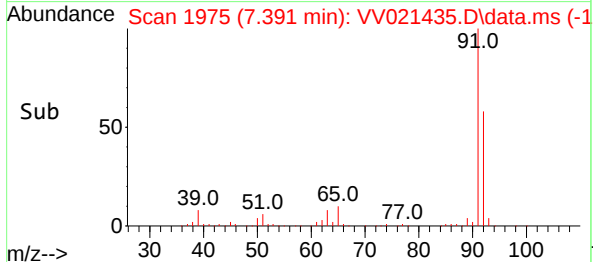
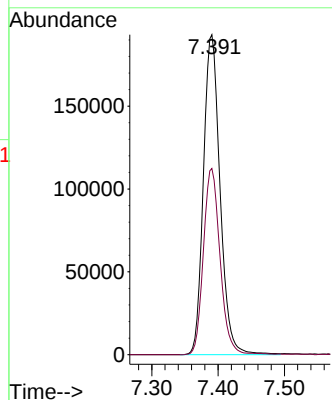
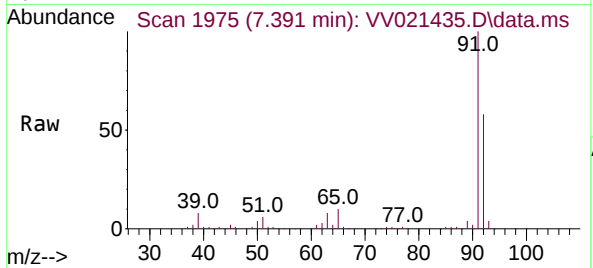




#42
Toluene
Concen: 5.40 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

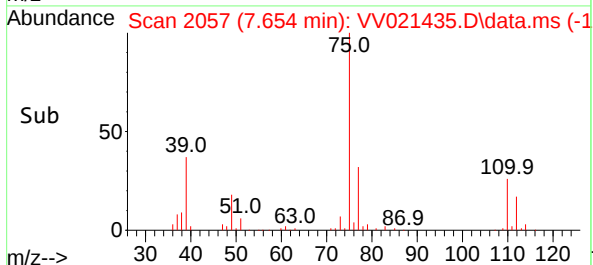
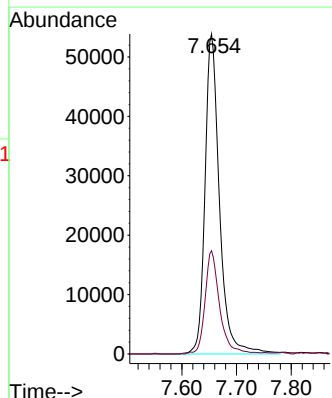
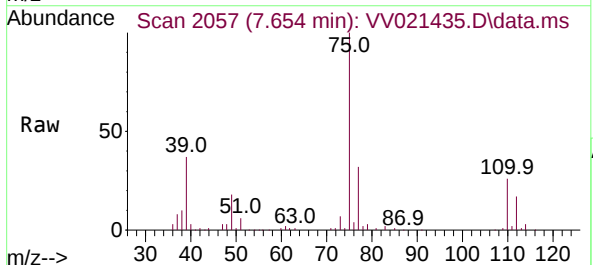
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

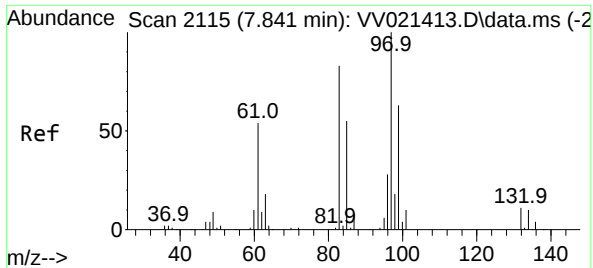
Tgt Ion: 91 Resp: 337109
Ion Ratio Lower Upper
91 100
92 58.2 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.37 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 75 Resp: 98935
Ion Ratio Lower Upper
75 100
77 32.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.44 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion: 97 Resp: 56379

Ion Ratio Lower Upper

97 100

99 62.4 44.0 81.8

83 86.5 59.0 109.6

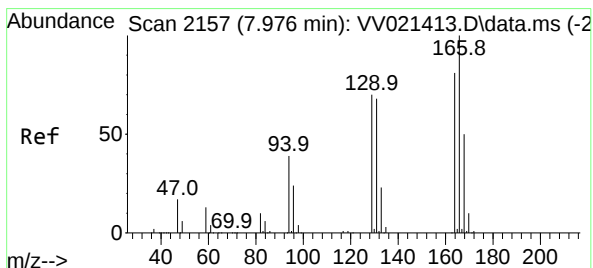
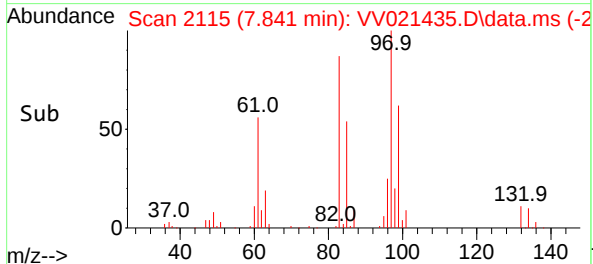
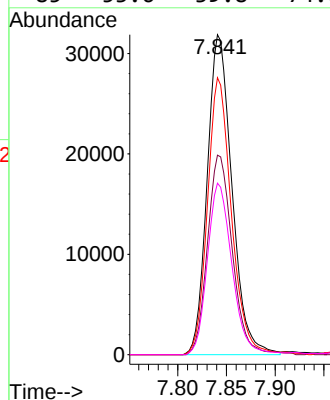
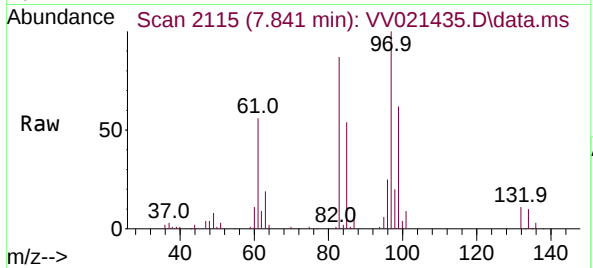
85 53.6 39.8 74.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD005175



#47

Tetrachloroethene

Concen: 5.32 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion:164 Resp: 75204

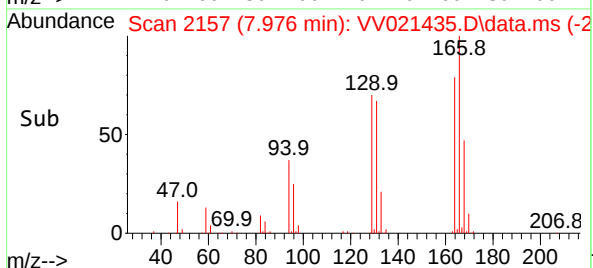
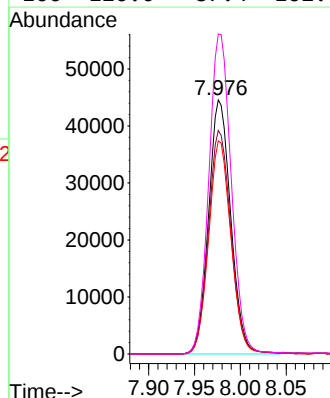
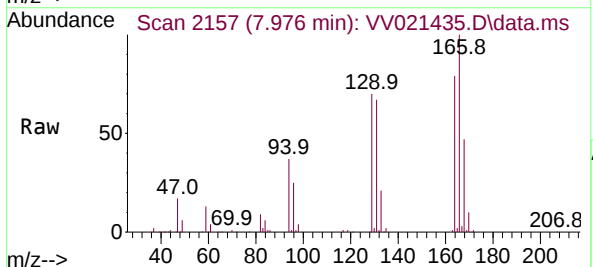
Ion Ratio Lower Upper

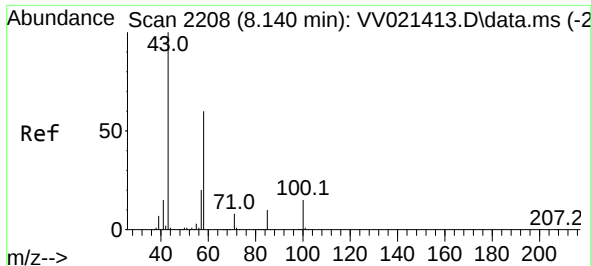
164 100

129 87.9 61.8 114.8

131 83.8 57.8 107.4

166 126.0 87.4 162.4

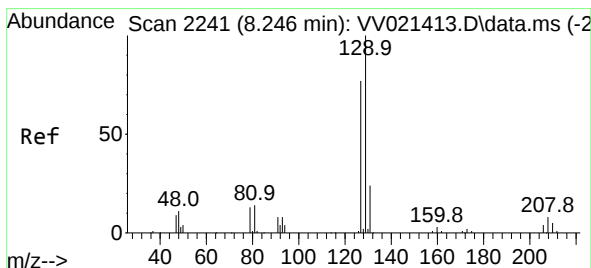
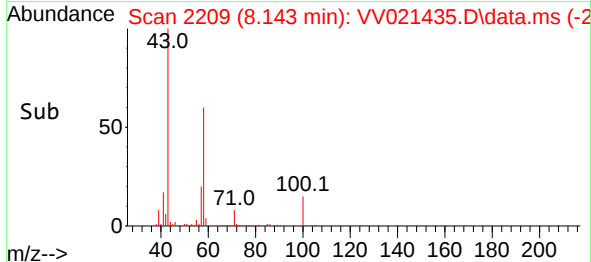
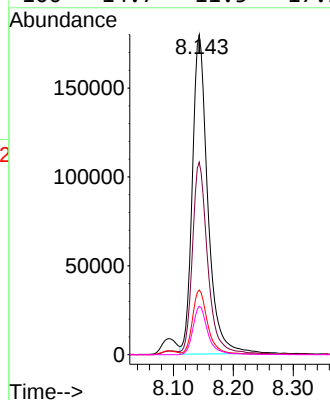
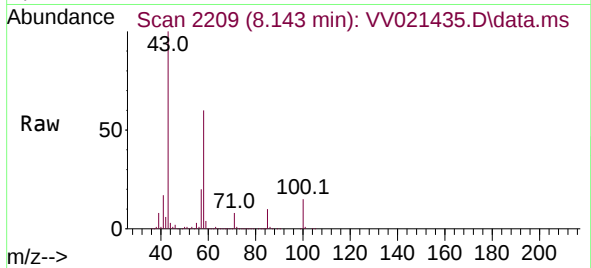




#48
2-Hexanone
Concen: 55.49 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

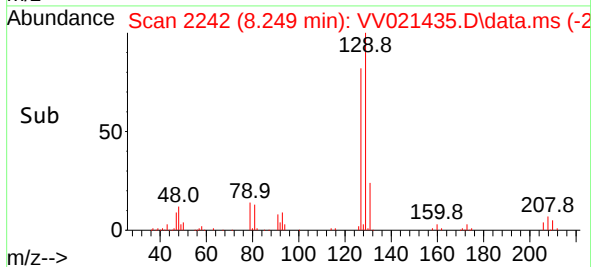
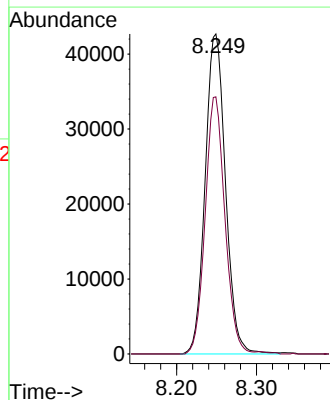
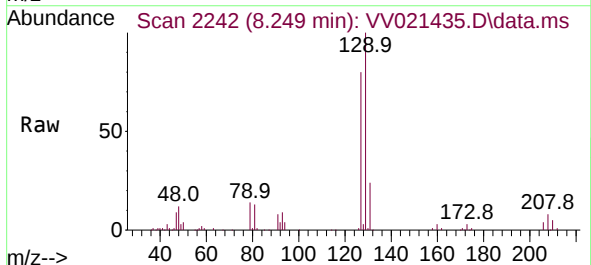
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

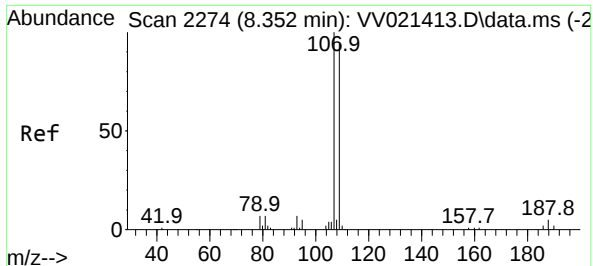
Tgt Ion:	43	Resp:	323240
Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.0	70.4
57	19.6	15.4	23.2
100	14.7	11.5	17.3



#49
Dibromochloromethane
Concen: 5.38 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:	129	Resp:	75615
Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.4	103.0





#50

1,2-Dibromoethane

Concen: 5.35 ug/L

RT: 8.355 min Scan# 2275

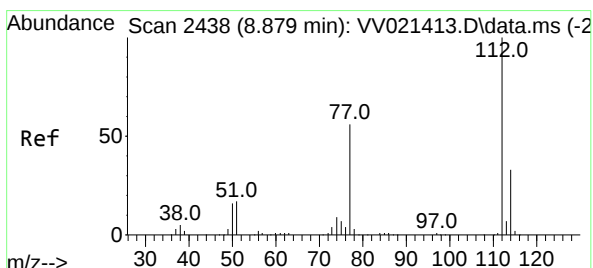
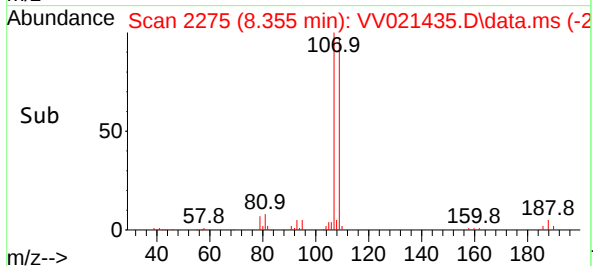
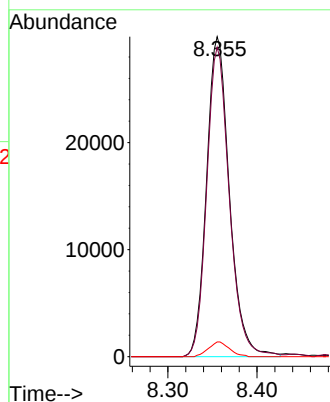
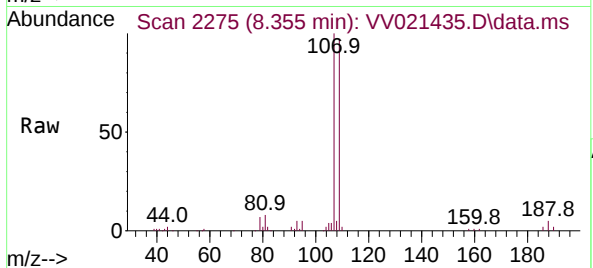
Delta R.T. 0.003 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion:	107	Resp:	53398
Ion Ratio	Lower	Upper	
107	100		
109	96.7	65.3	121.3
188	4.6	3.8	5.6

Instrument :
MSVOA_V
ClientSampleId :
VSTD005175



#51

Chlorobenzene

Concen: 5.38 ug/L

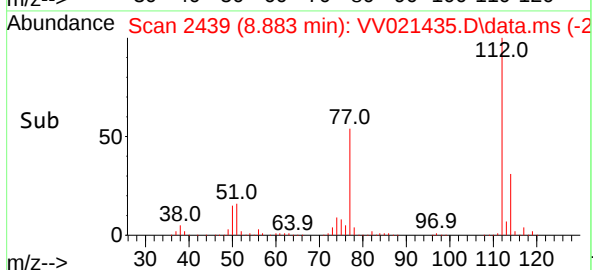
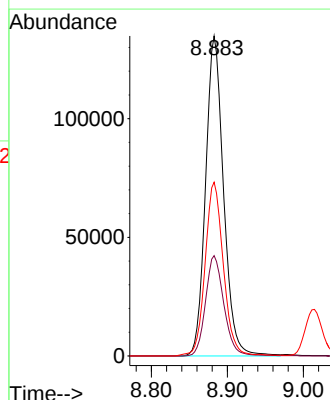
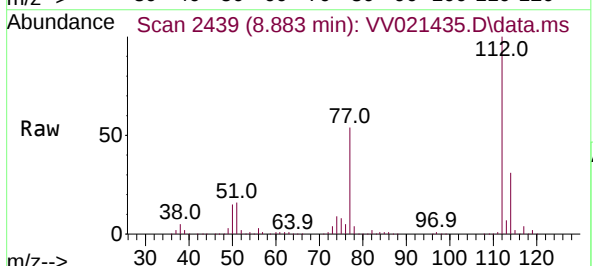
RT: 8.883 min Scan# 2439

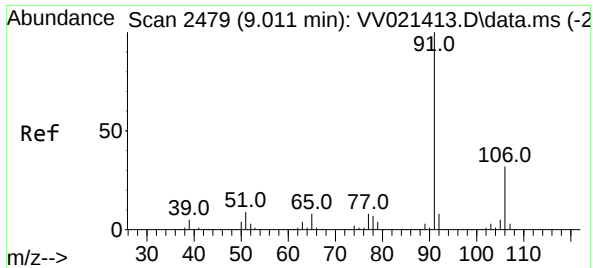
Delta R.T. 0.003 min

Lab File: VV021435.D

Acq: 26 May 2021 18:57

Tgt Ion:	112	Resp:	221653
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.5	41.9
77	54.3	44.5	66.7





#52

Ethylbenzene

Concen: 5.39 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021435.D

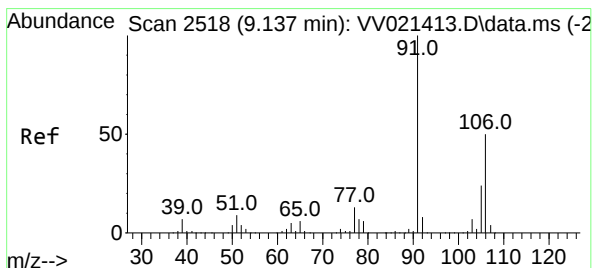
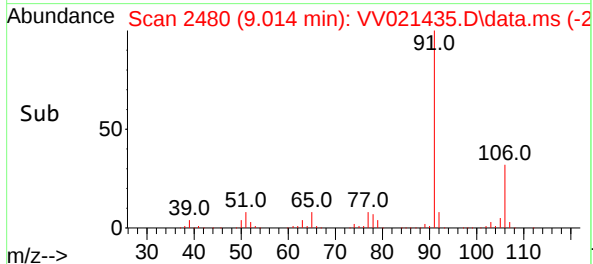
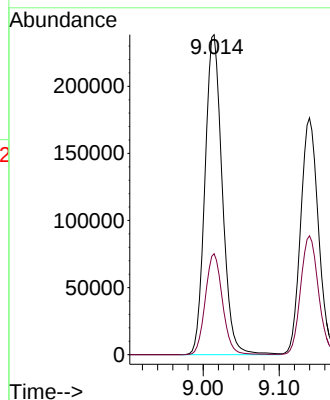
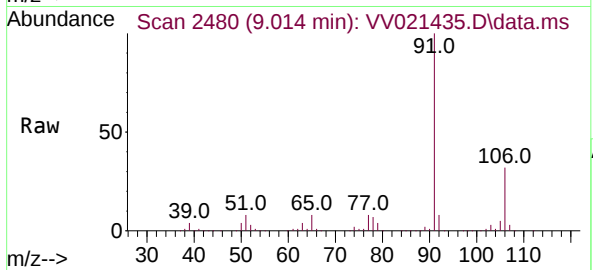
Acq: 26 May 2021 18:57

Tgt Ion: 91 Resp: 376055

Ion Ratio Lower Upper

91 100

106 31.6 22.0 41.0



#53

m,p-xylene

Concen: 5.38 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV021435.D

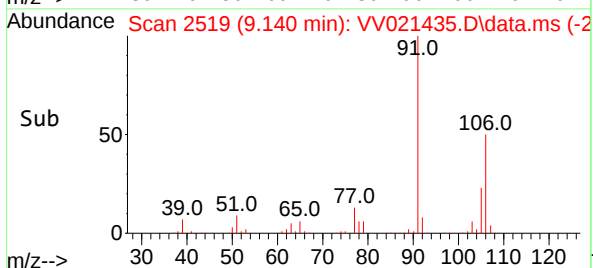
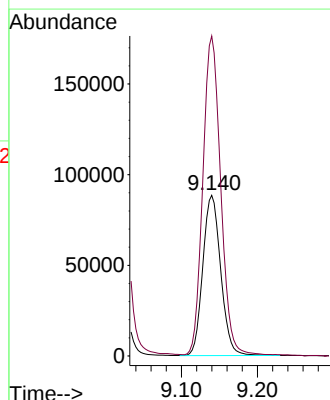
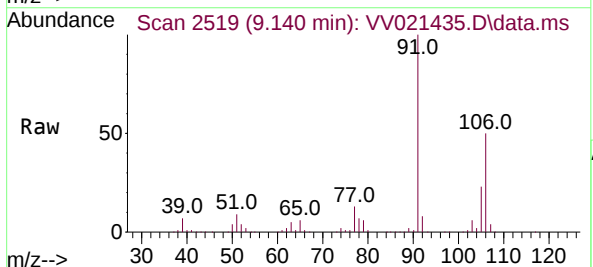
Acq: 26 May 2021 18:57

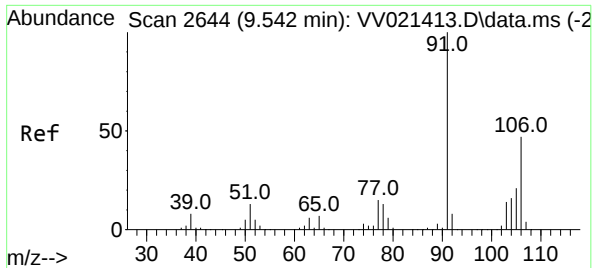
Tgt Ion:106 Resp: 144784

Ion Ratio Lower Upper

106 100

91 199.2 140.8 261.4

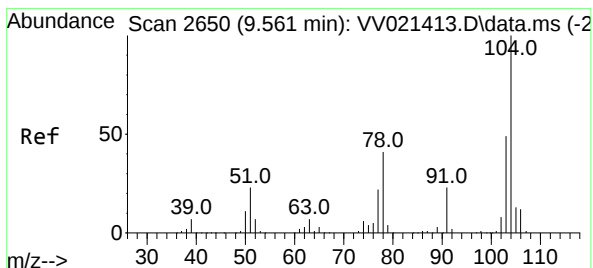
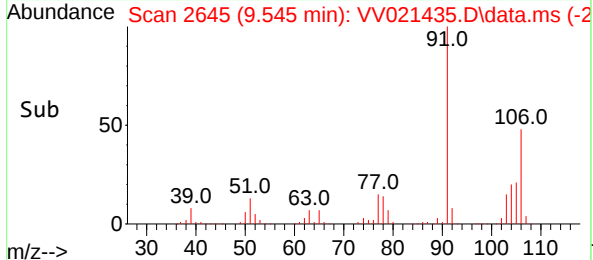
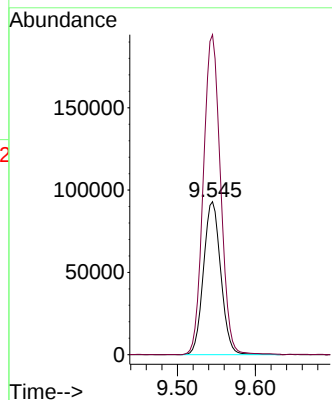
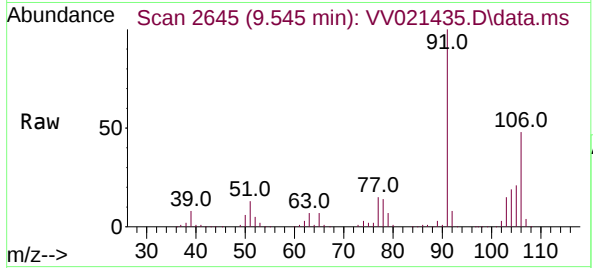




#54
o-xylene
Concen: 5.45 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

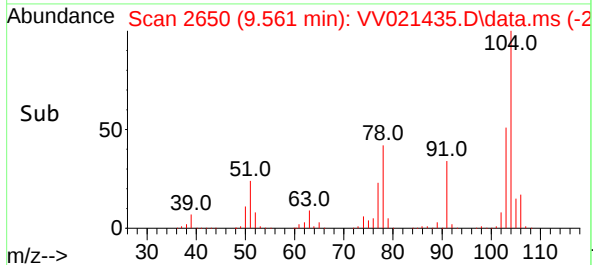
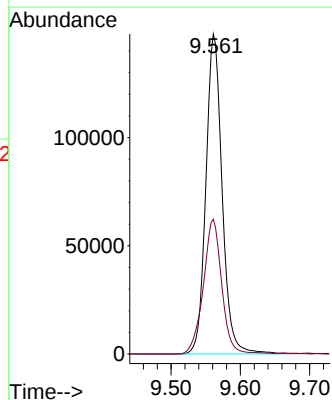
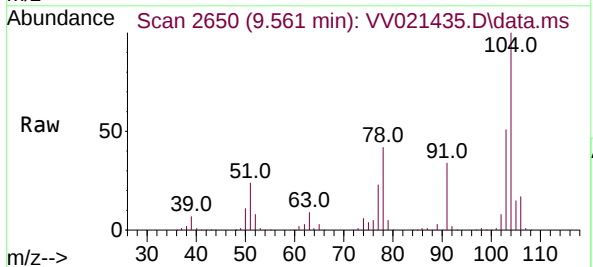
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

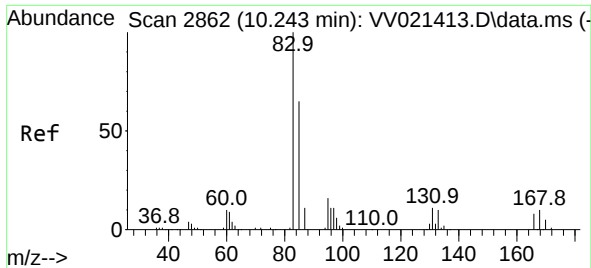
Tgt Ion:106 Resp: 143331
Ion Ratio Lower Upper
106 100
91 209.2 146.7 272.4



#55
Styrene
Concen: 5.43 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:104 Resp: 240450
Ion Ratio Lower Upper
104 100
78 42.1 29.7 55.1

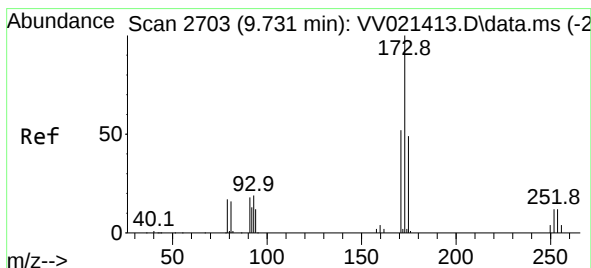
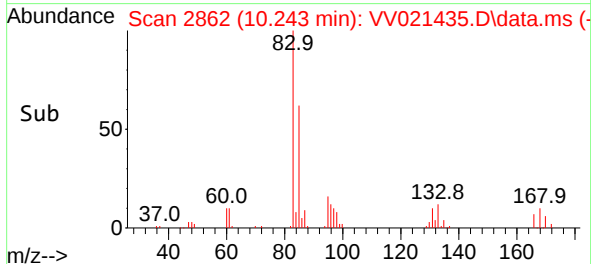
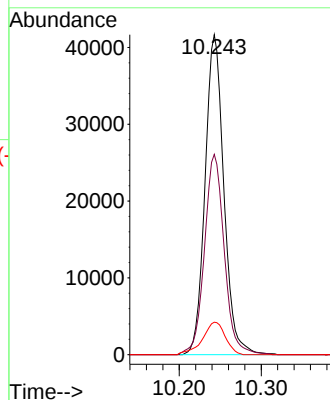
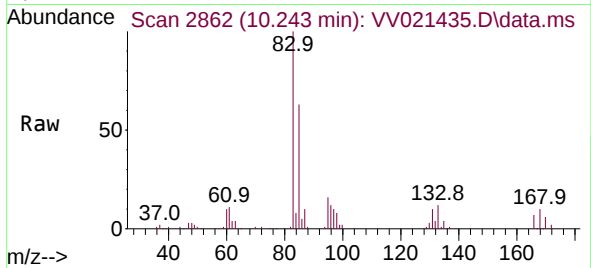




#57
1,1,2,2-Tetrachloroethane
Concen: 5.45 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

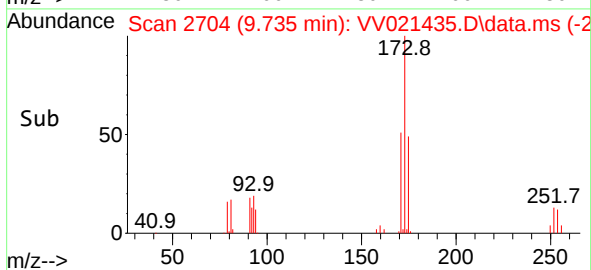
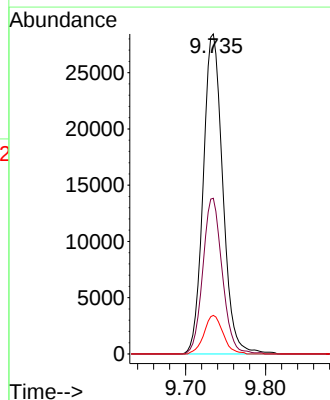
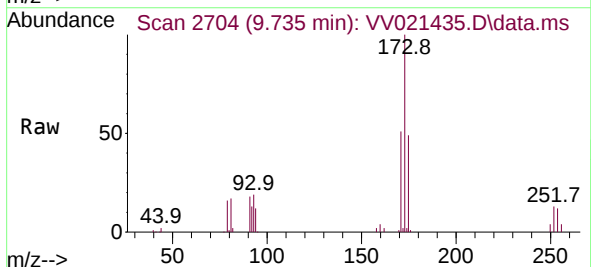
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

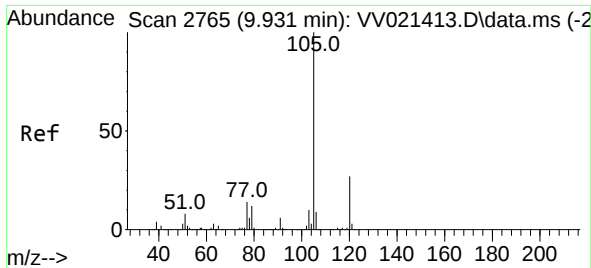
Tgt Ion:	83	Resp:	66475
Ion Ratio	Lower	Upper	
83	100		
85	62.6	43.3	80.3
131	10.2	9.4	14.0



#59
Bromoform
Concen: 5.44 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:	173	Resp:	48362
Ion Ratio	Lower	Upper	
173	100		
175	48.3	40.2	60.4
254	11.8	9.8	14.8

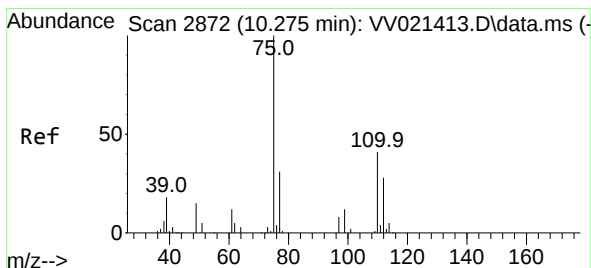
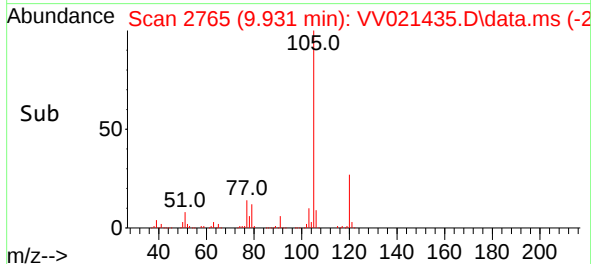
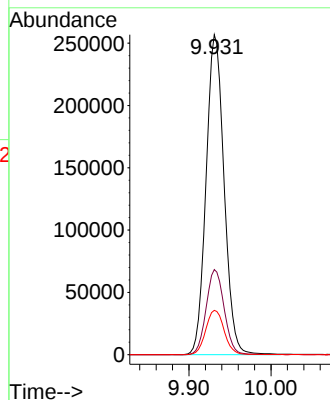
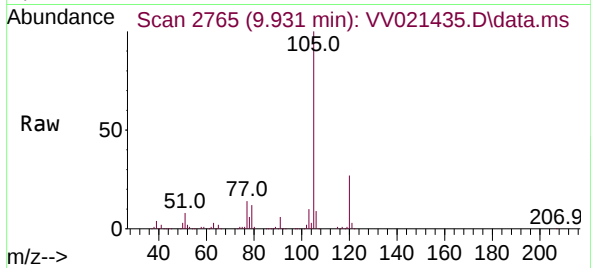




#60
Isopropylbenzene
Concen: 5.38 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

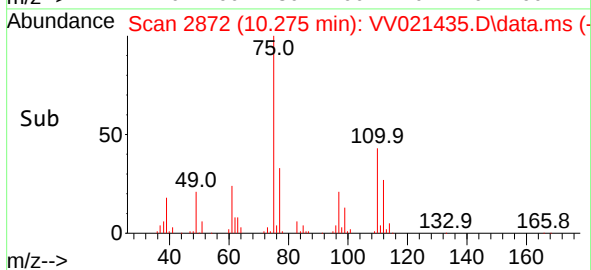
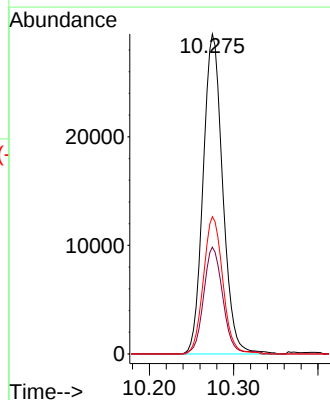
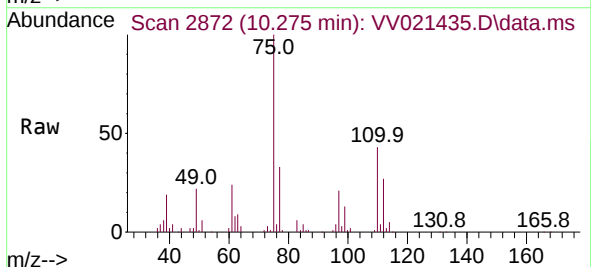
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

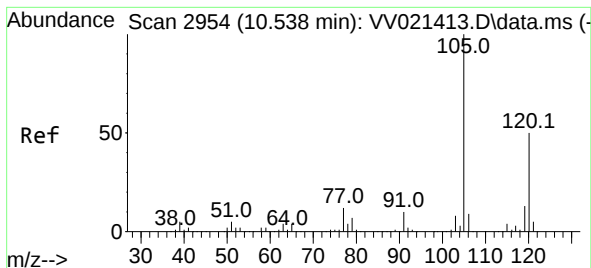
Tgt Ion:	105	Resp:	392060
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.8
77	14.2	11.3	16.9



#61
1,2,3-Trichloropropane
Concen: 5.45 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:	75	Resp:	47663
Ion	Ratio	Lower	Upper
75	100		
77	32.4	27.3	40.9
110	42.5	34.2	51.2

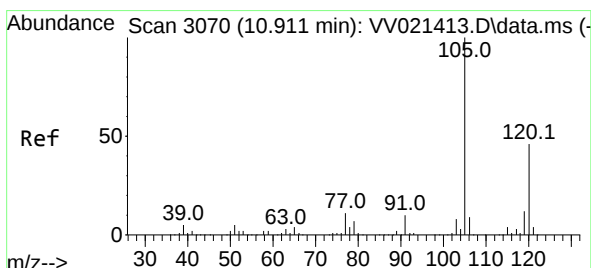
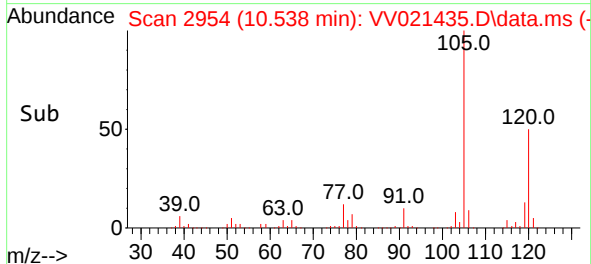
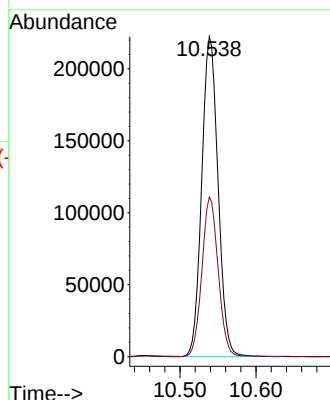
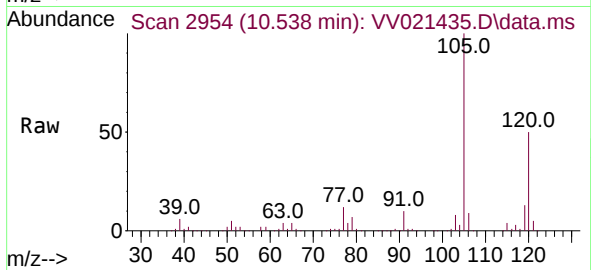




#62
1,3,5-Trimethylbenzene
Concen: 5.33 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

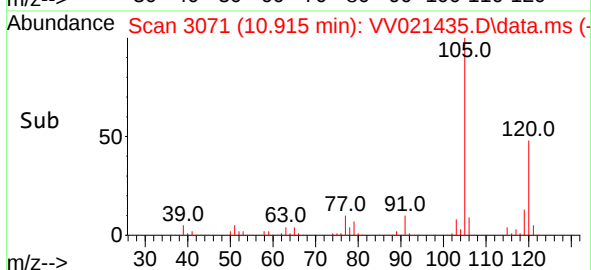
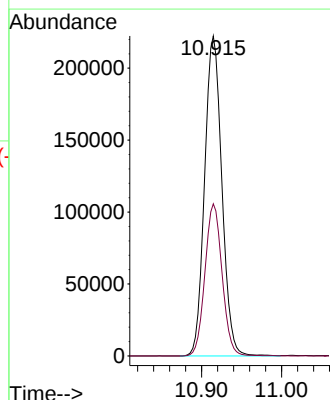
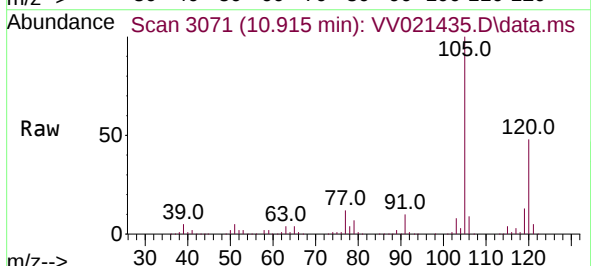
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

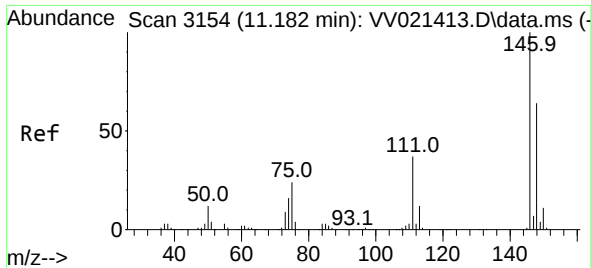
Tgt Ion:105 Resp: 330597
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 5.28 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:105 Resp: 334683
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.0

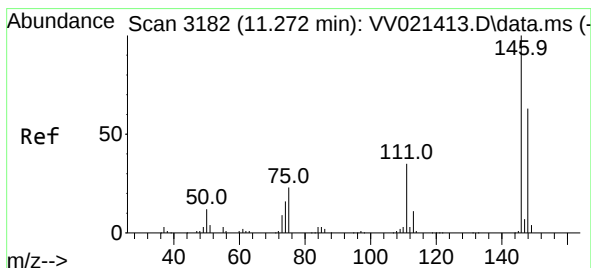
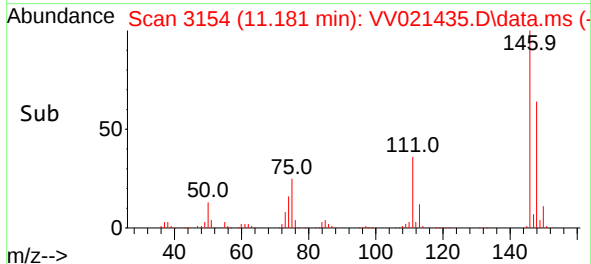
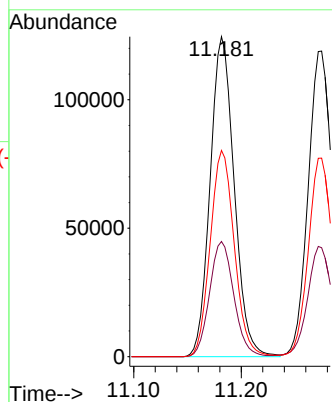
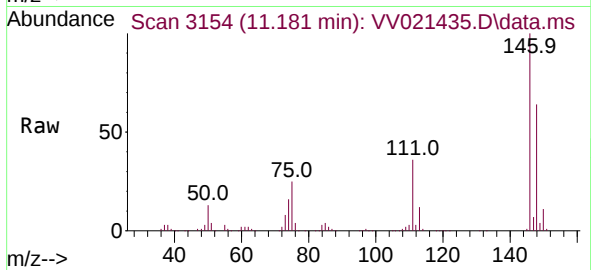




#64
1,3-Dichlorobenzene
Concen: 5.40 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

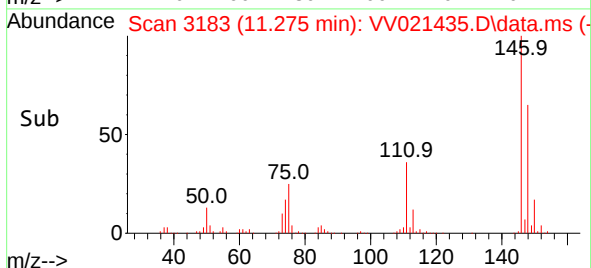
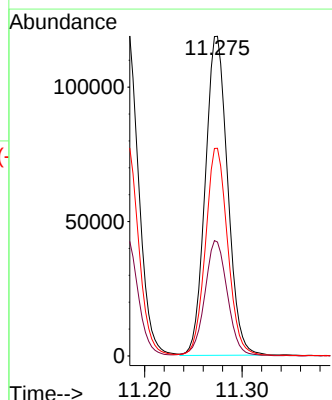
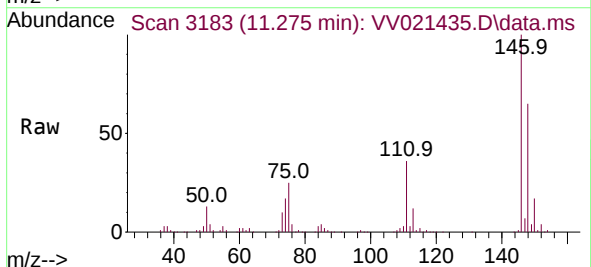
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

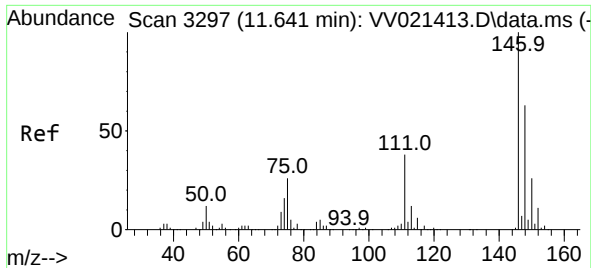
Tgt Ion:146 Resp: 193515
Ion Ratio Lower Upper
146 100
111 36.0 26.2 48.6
148 64.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.30 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:146 Resp: 189639
Ion Ratio Lower Upper
146 100
111 35.6 25.1 46.5
148 65.0 44.4 82.5

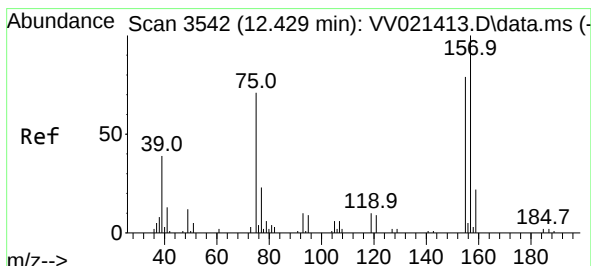
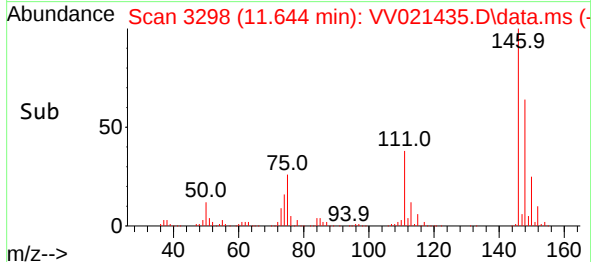
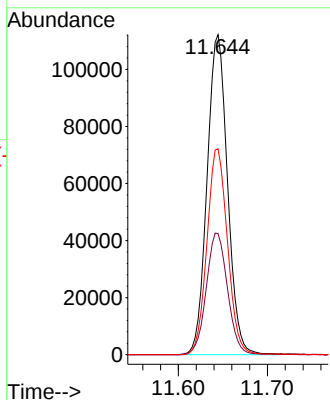
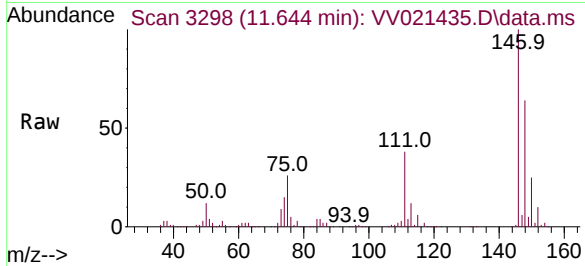




#67
1,2-Dichlorobenzene
Concen: 5.39 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

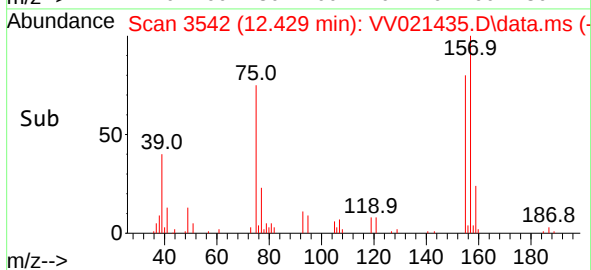
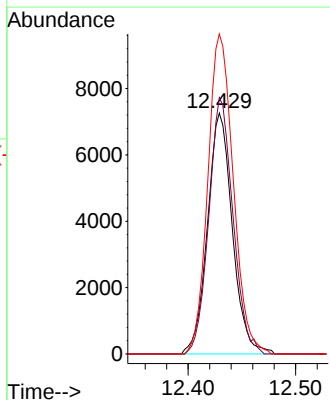
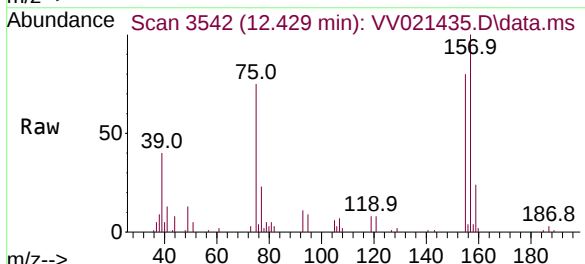
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

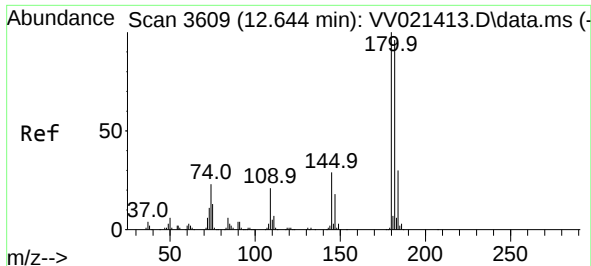
Tgt Ion:146 Resp: 178840
Ion Ratio Lower Upper
146 100
111 37.8 31.2 46.8
148 64.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.47 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion: 75 Resp: 11695
Ion Ratio Lower Upper
75 100
155 106.5 87.2 130.8
157 132.9 106.1 159.1

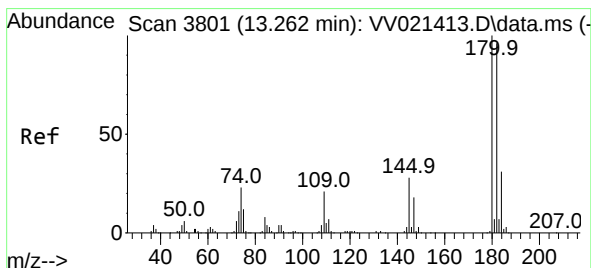
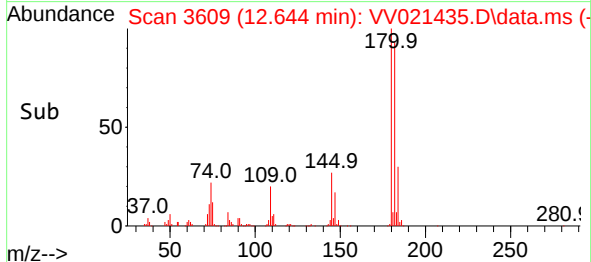
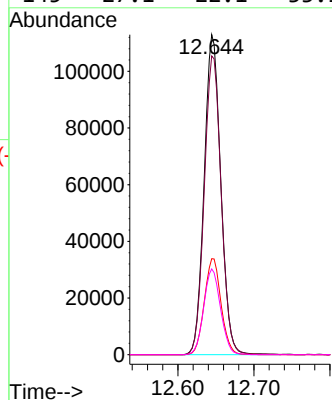
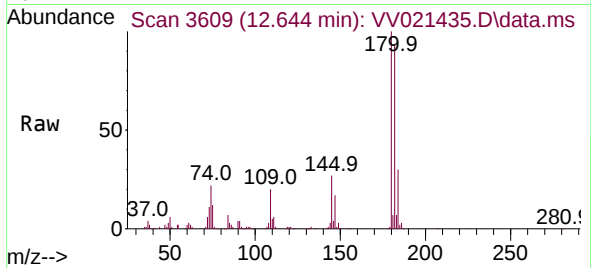




#69
1,3,5-Trichlorobenzene
Concen: 5.30 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

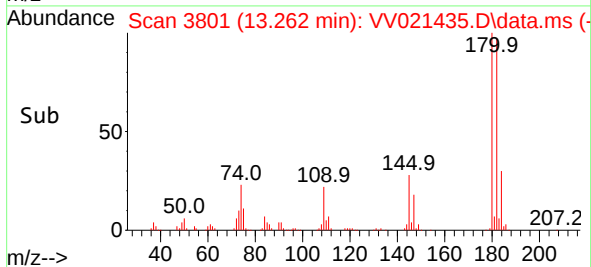
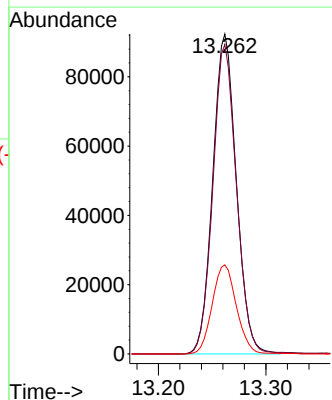
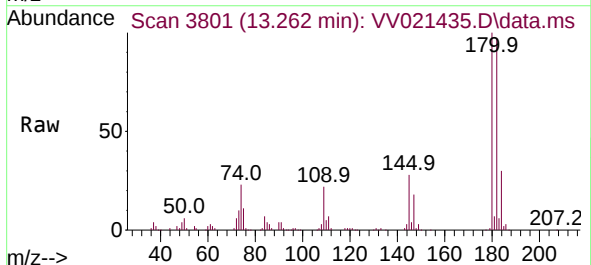
Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

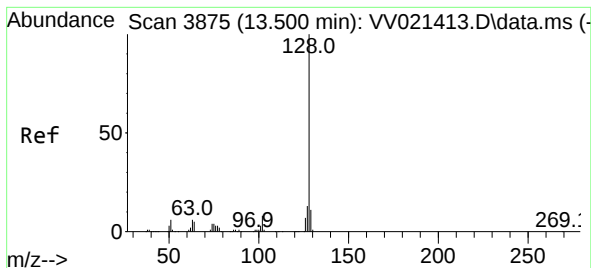
Tgt Ion:	180	Resp:	171100
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
184	30.3	24.0	36.0
145	27.1	22.1	33.1



#70
1,2,4-trichlorobenzene
Concen: 5.25 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:	180	Resp:	140698
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.3	114.5
145	28.6	23.0	34.4

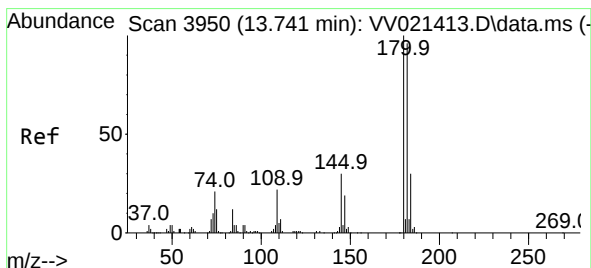
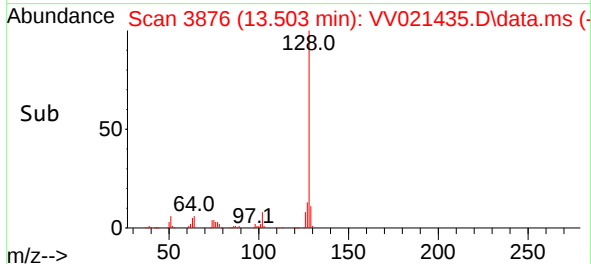
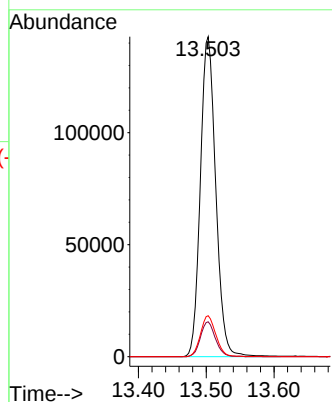
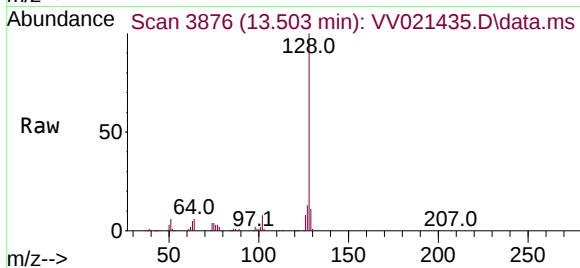




#71
Naphthalene
Concen: 5.37 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005175

Tgt Ion:128 Resp: 225157
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.47 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV021435.D
Acq: 26 May 2021 18:57

Tgt Ion:180 Resp: 129885
Ion Ratio Lower Upper
180 100
182 93.6 76.3 114.5
145 28.7 24.3 36.5

