

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021413.D
 Acq On : 26 May 2021 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005174

Quant Time: May 27 01:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	230819	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135680	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58053	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.565	69	55415	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.105	63	111690	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	3.921	46	218826	57.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.24%
24) Chloroform-d	4.346	84	158559	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.031	65	73403	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.047	84	304141	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.069	67	95494	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.313	98	274799	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloroprop...	7.622	79	39959	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.088	63	195158	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78338	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	11.622	152	120580	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	92428	5.47	ug/L	99
3) Chloromethane	1.237	50	80266	5.42	ug/L	98
5) Vinyl chloride	1.307	62	83882	5.45	ug/L	97
6) Bromomethane	1.520	94	57398	5.69	ug/L	97
8) Chloroethane	1.581	64	51615	5.56	ug/L	99
9) Trichlorofluoromethane	1.748	101	133233	5.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	73129	5.52	ug/L	97
12) 1,1-Dichloroethene	2.111	96	68031	5.44	ug/L	89
13) Acetone	2.208	43	23397	10.83	ug/L #	1
14) Carbon disulfide	2.288	76	224945	5.36	ug/L	100
15) Methyl Acetate	2.446	43	33976	6.67	ug/L	96
16) Methylene chloride	2.503	84	92688	4.51	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	198398	5.49	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	84848	5.44	ug/L	94
19) 1,1-Dichloroethane	3.185	63	147718	5.36	ug/L	99
21) 2-Butanone	4.002	43	189125	51.41	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	92332	5.44	ug/L	97
23) Bromochloromethane	4.246	128	42085	5.52	ug/L	91
25) Chloroform	4.371	83	154579	5.48	ug/L	97

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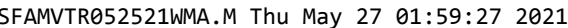
Instrument :
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 ClientSampleId :
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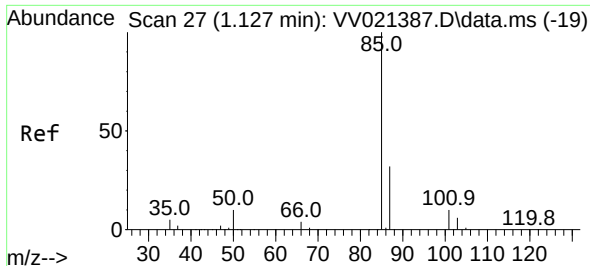
Quant Time: May 27 01:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	83312	5.46	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	144602	5.58	ug/L	99
30) Cyclohexane	4.670	56	136755	5.36	ug/L	99
31) Carbon tetrachloride	4.825	117	130397	5.55	ug/L	99
33) Benzene	5.095	78	332688	5.53	ug/L	100
34) Trichloroethene	5.912	95	90552	5.47	ug/L	99
35) Methylcyclohexane	6.127	83	149716	5.50	ug/L	99
37) 1,2-Dichloropropane	6.172	63	81942	5.48	ug/L	99
38) Bromodichloromethane	6.510	83	110622	5.42	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	131858	5.51	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	498219	54.49	ug/L	99
42) Toluene	7.387	91	369554	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	111280	5.66	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	59878	5.42	ug/L	99
47) Tetrachloroethene	7.976	164	83851	5.56	ug/L	98
48) 2-Hexanone	8.140	43	347270	55.87	ug/L	99
49) Dibromochloromethane	8.246	129	83908	5.59	ug/L	97
50) 1,2-Dibromoethane	8.352	107	57165	5.37	ug/L	99
51) Chlorobenzene	8.879	112	244800	5.57	ug/L	99
52) Ethylbenzene	9.011	91	414082	5.56	ug/L	100
53) m,p-xylene	9.137	106	158371	5.52	ug/L	98
54) o-xylene	9.542	106	155895	5.56	ug/L	99
55) Styrene	9.561	104	266433	5.64	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	71716	5.51	ug/L	96
59) Bromoform	9.731	173	52514	5.35	ug/L	98
60) Isopropylbenzene	9.931	105	428114	5.33	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	51362	5.33	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	360494	5.27	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	371908	5.32	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	211200	5.34	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	210977	5.35	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	195383	5.34	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12198	5.17	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	189685	5.33	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	156486	5.30	ug/L	99
71) Naphthalene	13.500	128	241412	5.22	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	139687	5.33	ug/L	99

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

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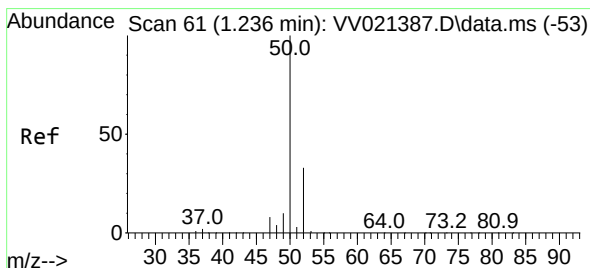
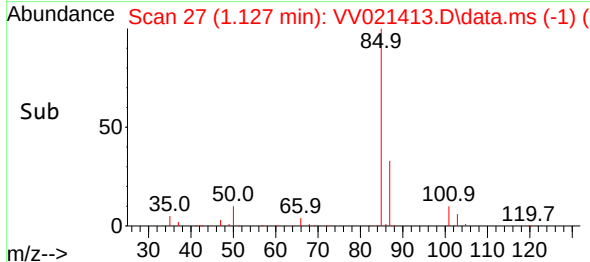
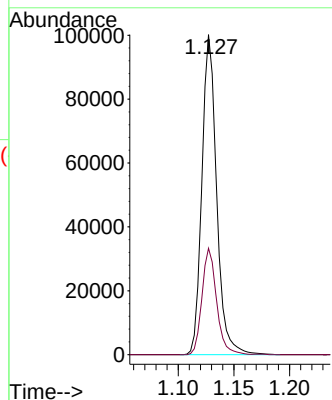
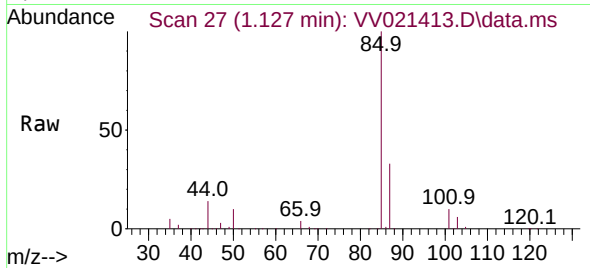




#2
Dichlorodifluoromethane
Concen: 5.47 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

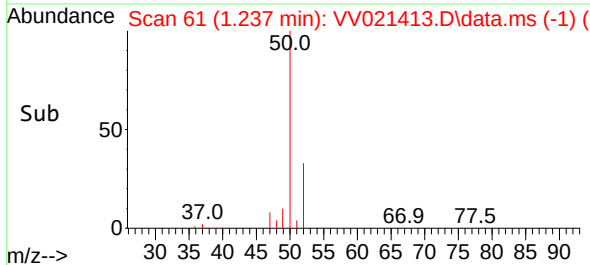
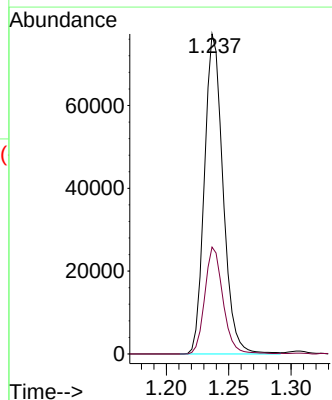
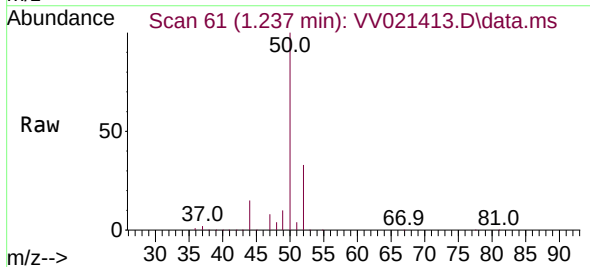
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

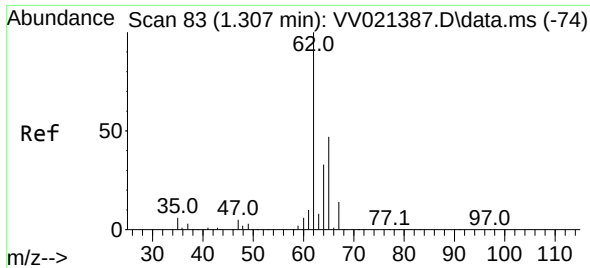
Tgt Ion: 85 Resp: 92428
Ion Ratio Lower Upper
85 100
87 33.0 26.1 39.1



#3
Chloromethane
Concen: 5.42 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 50 Resp: 80266
Ion Ratio Lower Upper
50 100
52 33.4 22.6 42.0

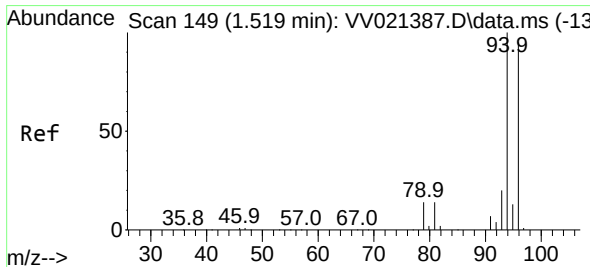
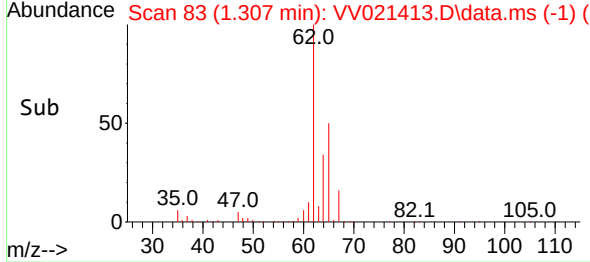
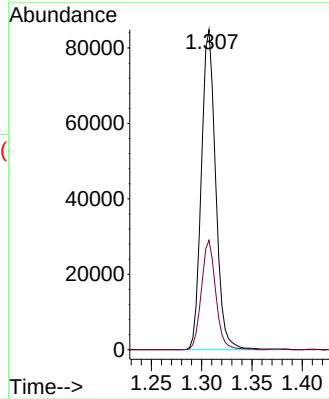
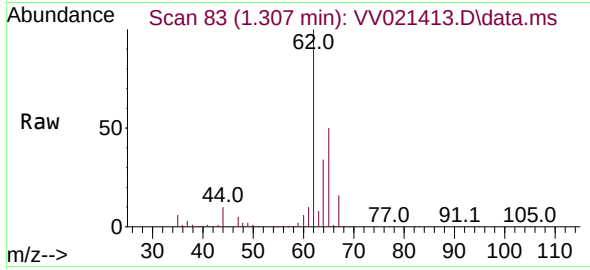




#5
 Vinyl chloride
 Concen: 5.45 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021413.D
 Acq: 26 May 2021 09:38

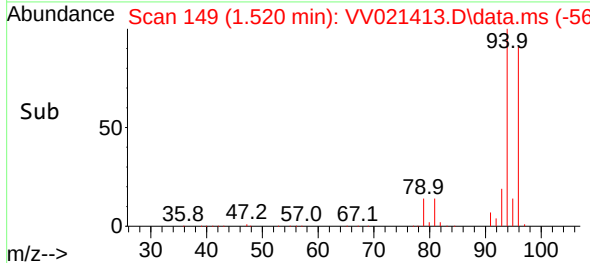
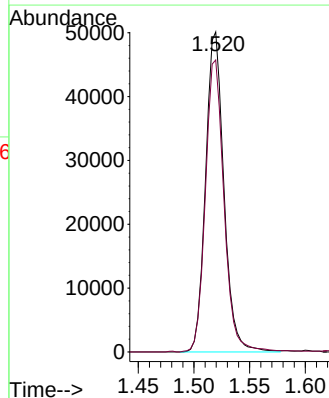
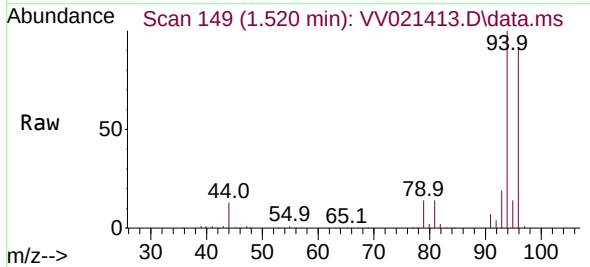
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 ClientSampleId :
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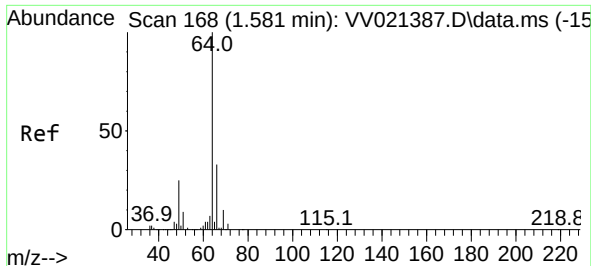
Tgt Ion: 62 Resp: 83882
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.6 42.0



#6
 Bromomethane
 Concen: 5.69 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV021413.D
 Acq: 26 May 2021 09:38

Tgt Ion: 94 Resp: 57398
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.9 122.3

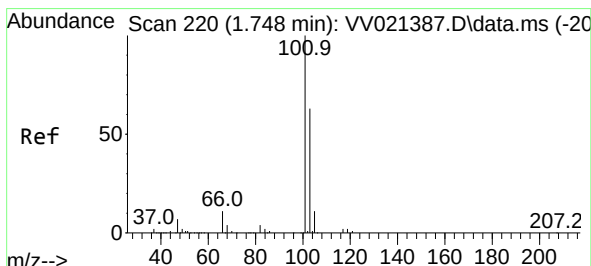
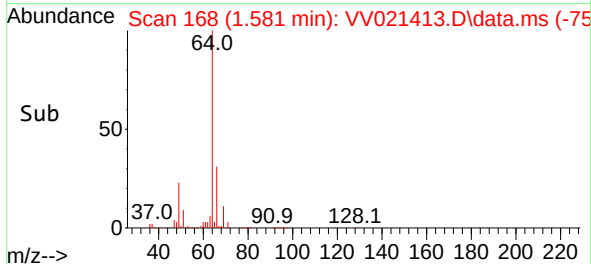
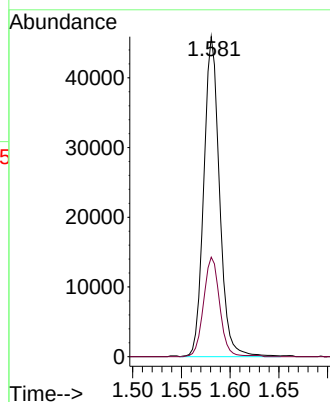
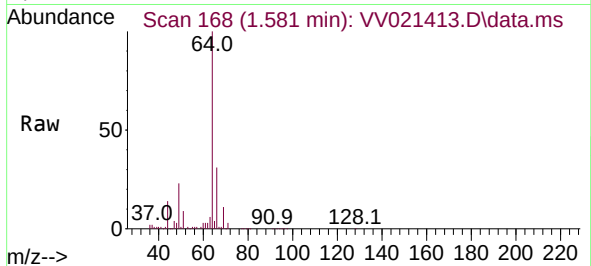




#8
Chloroethane
Concen: 5.56 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

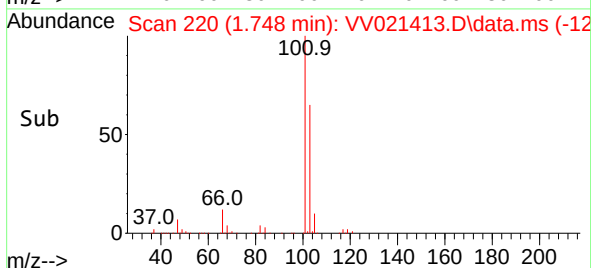
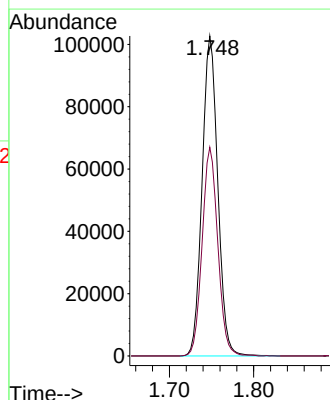
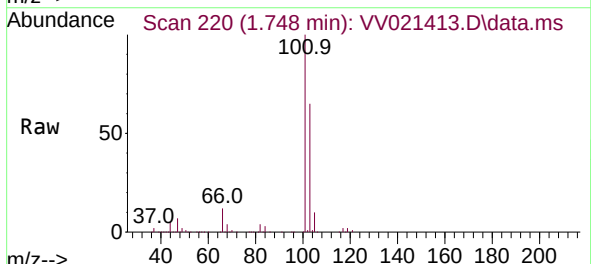
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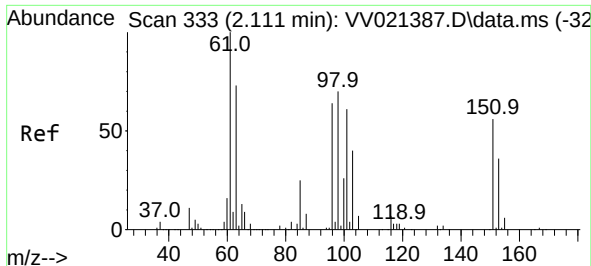
Tgt Ion: 64 Resp: 51615
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.61 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 101 Resp: 133233
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0





#10

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

Concen: 5.52 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV021413.D

Acq: 26 May 2021 09:38

Tgt Ion:101 Resp: 73129

Ion Ratio Lower Upper

101 100

85 42.0 32.6 48.8

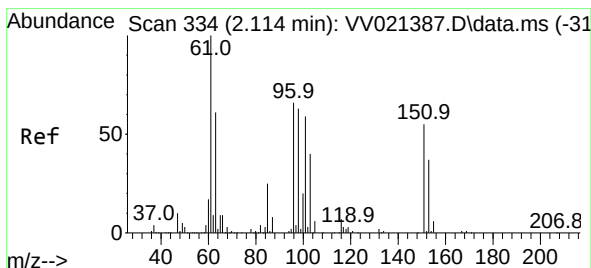
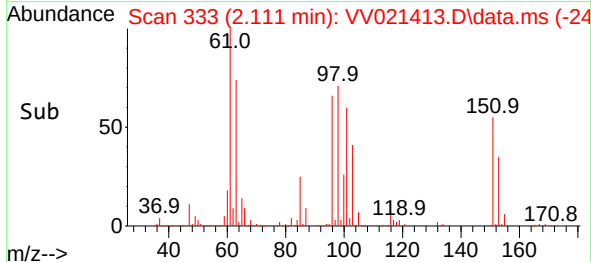
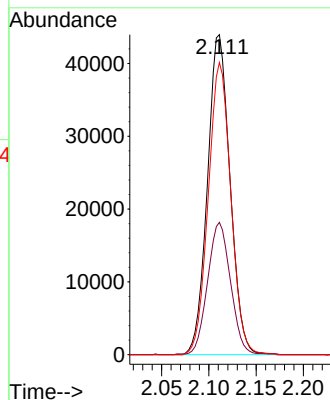
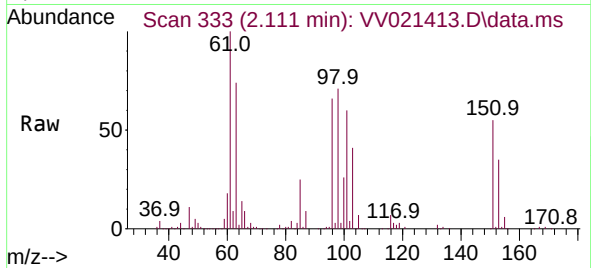
151 91.0 70.7 106.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD005174



#12

1,1-Dichloroethene

Concen: 5.44 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV021413.D

Acq: 26 May 2021 09:38

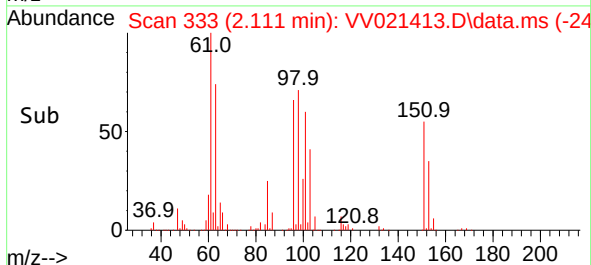
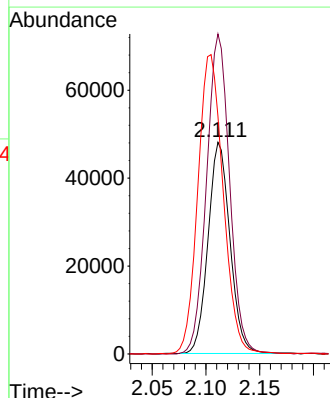
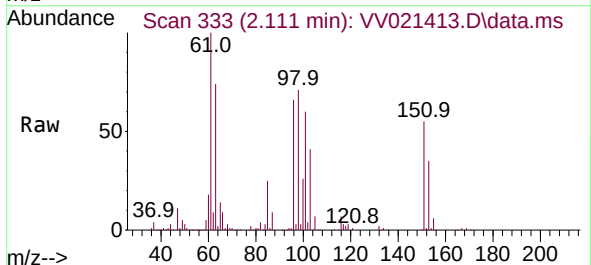
Tgt Ion: 96 Resp: 68031

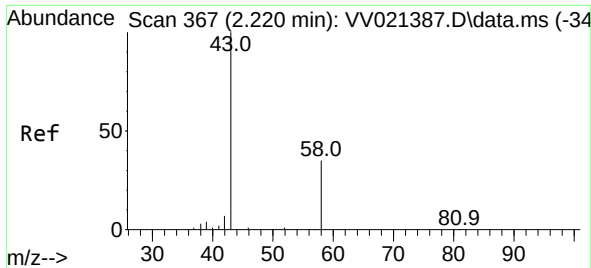
Ion Ratio Lower Upper

96 100

61 151.1 103.7 192.5

63 112.2 62.4 115.8

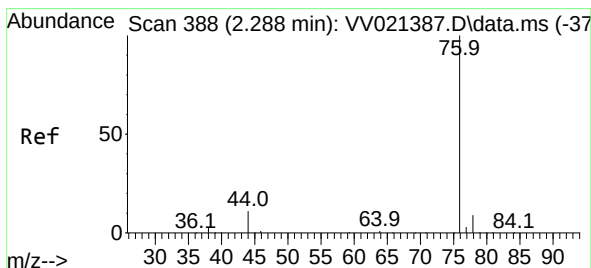
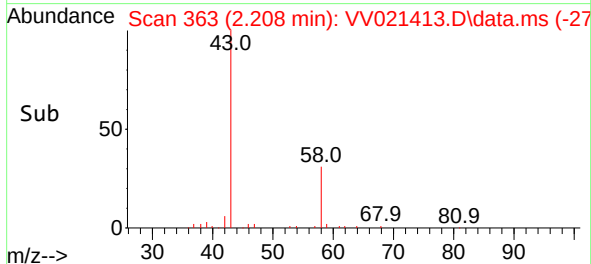
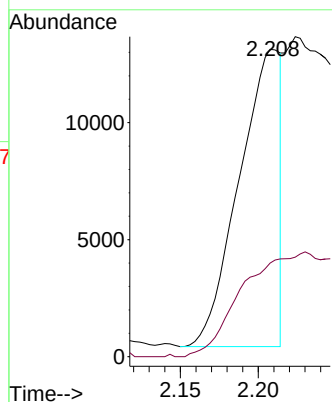
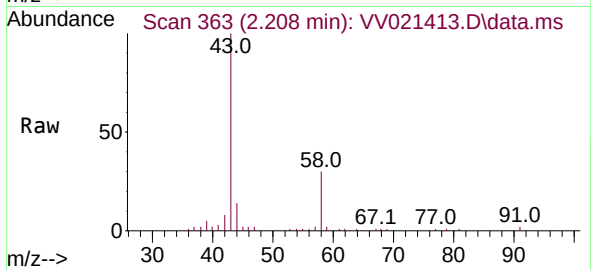




#13
Acetone
Concen: 10.83 ug/L
RT: 2.208 min Scan# 363
Delta R.T. -0.013 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

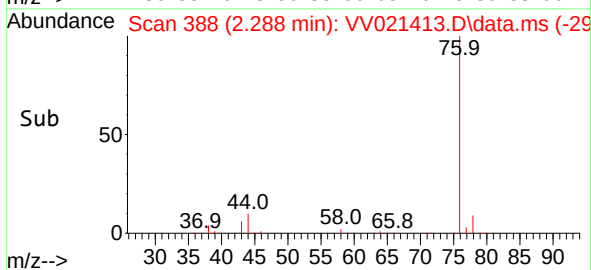
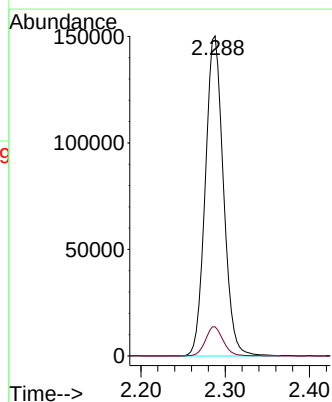
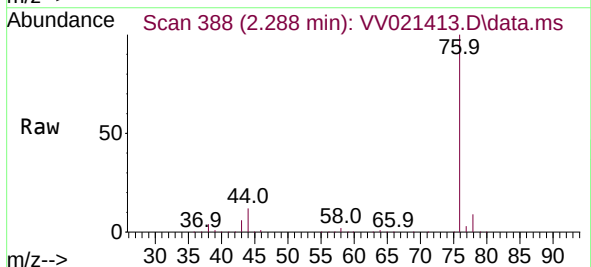
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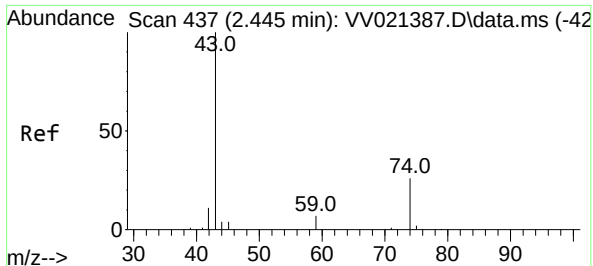
Tgt Ion: 43 Resp: 23397
Ion Ratio Lower Upper
43 100
58 79.6 0.0 18.6#



#14
Carbon disulfide
Concen: 5.36 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 76 Resp: 224945
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

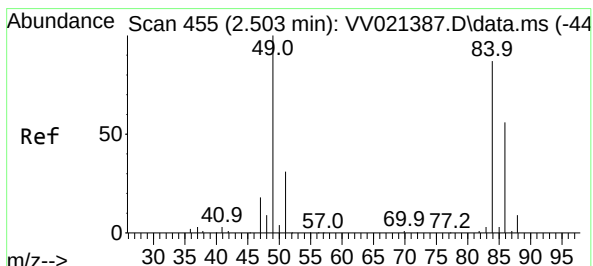
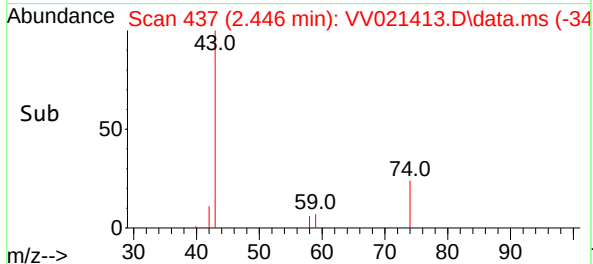
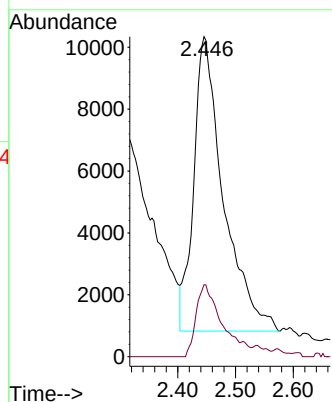
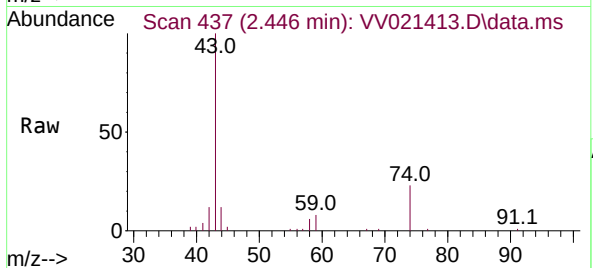




#15
Methyl Acetate
Concen: 6.67 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

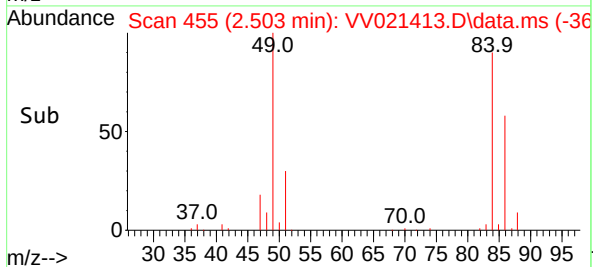
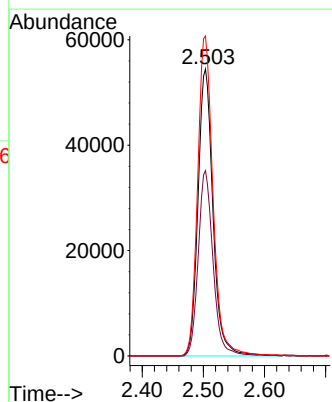
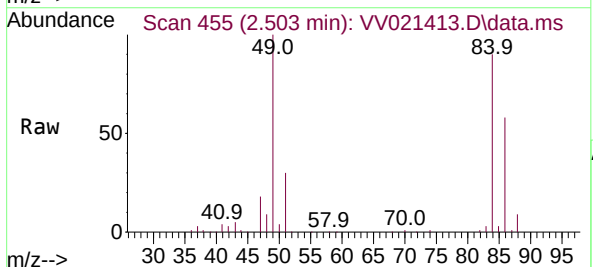
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

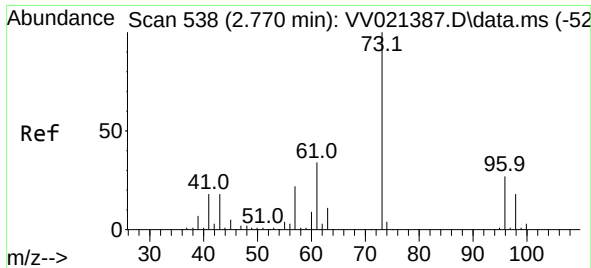
Tgt Ion: 43 Resp: 33976
Ion Ratio Lower Upper
43 100
74 21.4 18.8 28.2



#16
Methylene chloride
Concen: 4.51 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 84 Resp: 92688
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 111.5 82.7 153.5

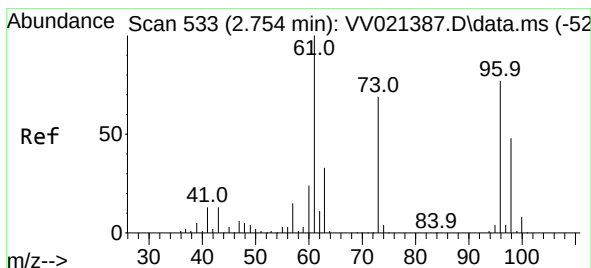
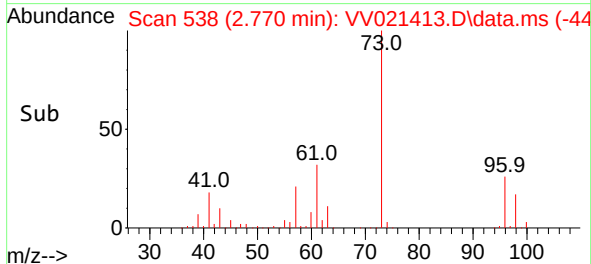
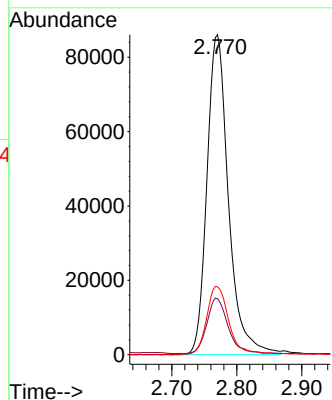
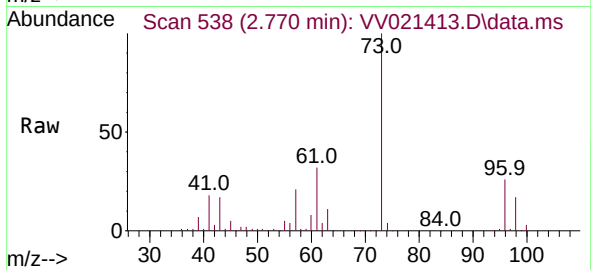




#17
Methyl tert-butyl Ether
Concen: 5.49 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

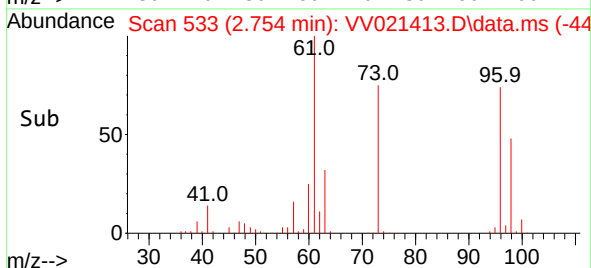
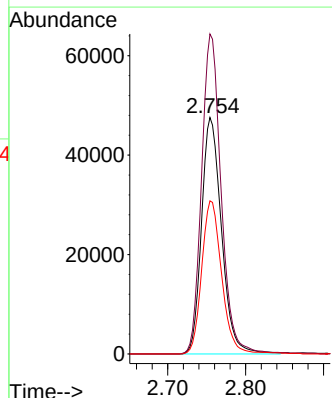
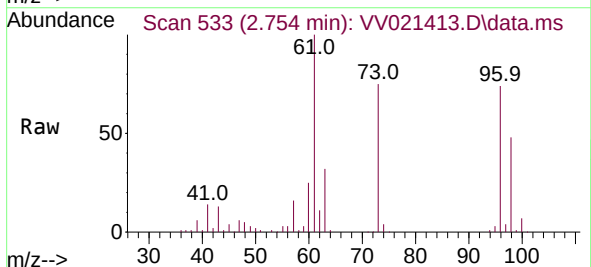
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

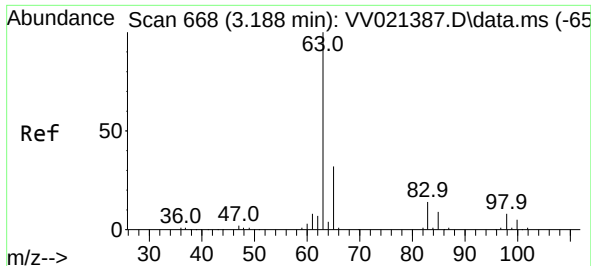
Tgt Ion: 73 Resp: 198398
Ion Ratio Lower Upper
73 100
43 16.9 13.4 20.2
57 21.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.44 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 96 Resp: 84848
Ion Ratio Lower Upper
96 100
61 135.3 88.7 164.7
98 64.7 44.4 82.4

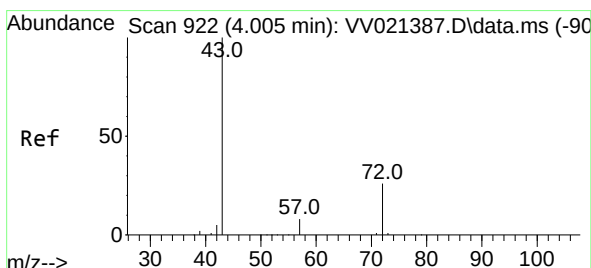
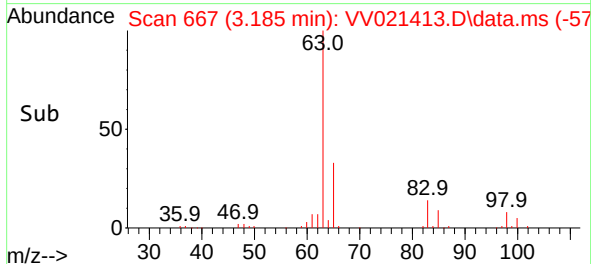
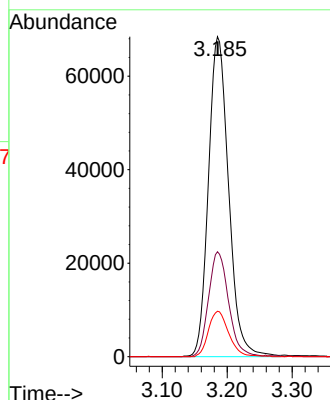
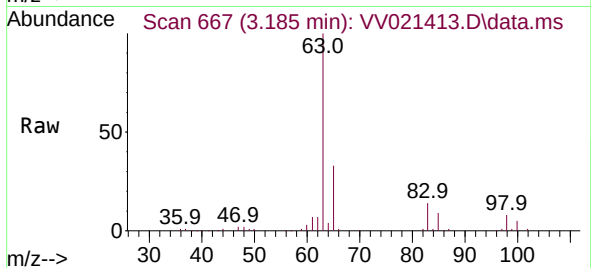




#19
1,1-Dichloroethane
Concen: 5.36 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

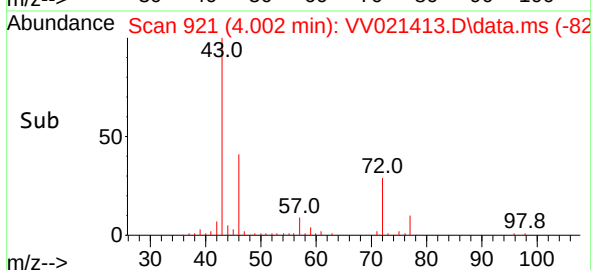
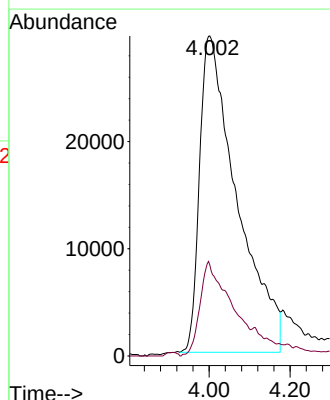
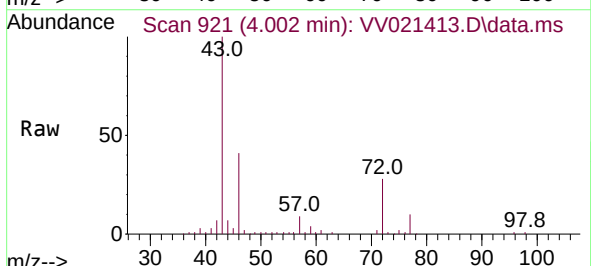
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

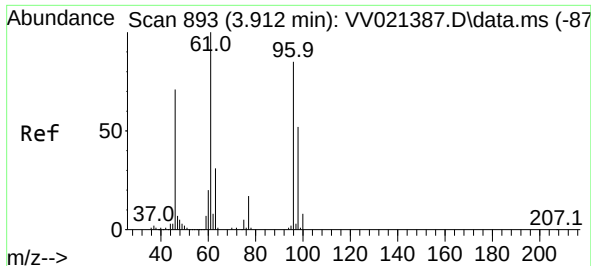
Tgt Ion:	63	Resp:	147718
Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.2	43.2
83	14.2	9.4	17.4



#21
2-Butanone
Concen: 51.41 ug/L
RT: 4.002 min Scan# 921
Delta R.T. -0.003 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

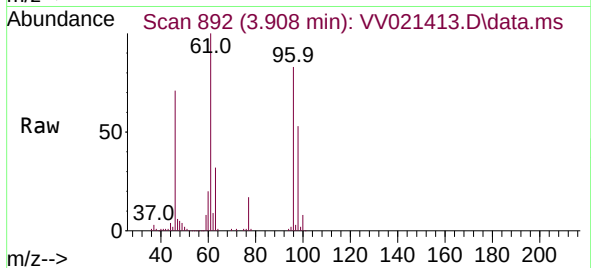
Tgt Ion:	43	Resp:	189125
Ion	Ratio	Lower	Upper
43	100		
72	24.1	10.7	31.9



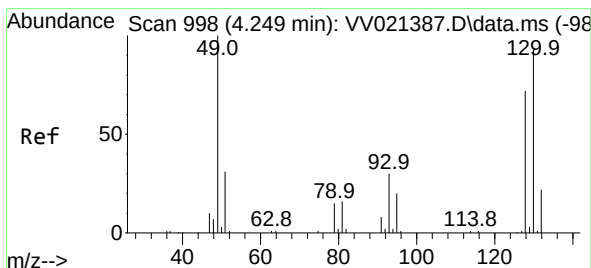
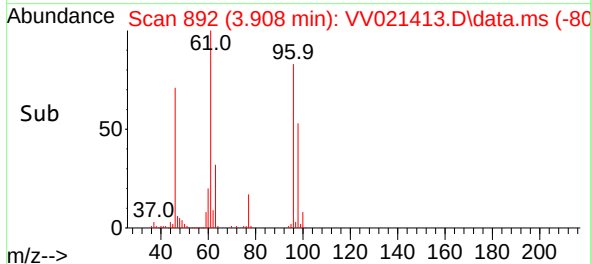
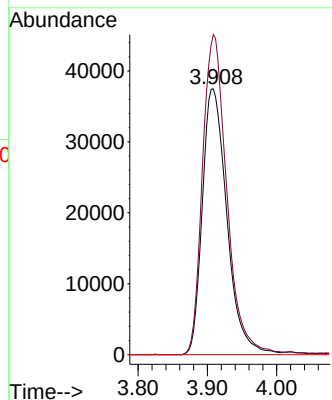


#22
 cis-1,2-Dichloroethene
 Concen: 5.44 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.003 min
 Lab File: VV021413.D
 Acq: 26 May 2021 09:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005174

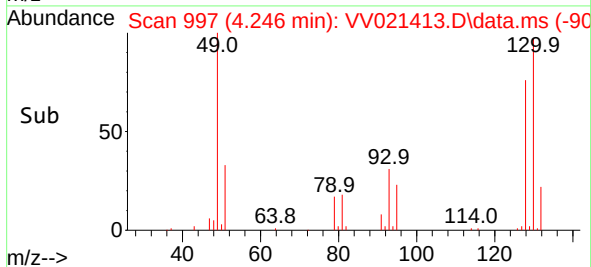
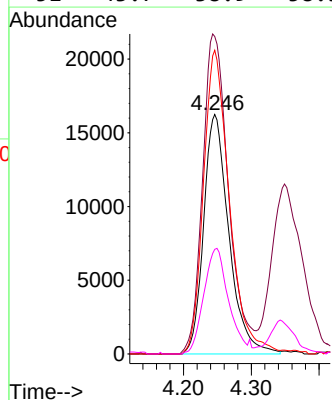
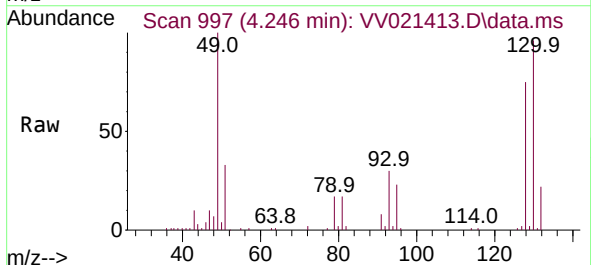


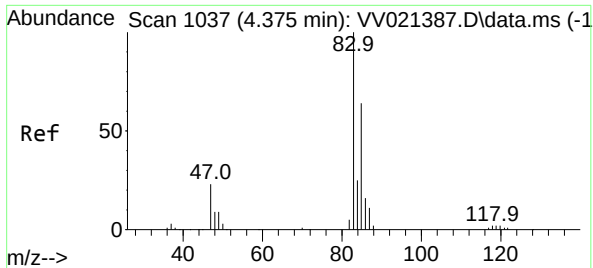
Tgt Ion:	96	Resp:	92332
Ion	Ratio	Lower	Upper
96	100		
61	120.4	81.9	152.1
68	0.0	0.0	0.0



#23
 Bromochloromethane
 Concen: 5.52 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV021413.D
 Acq: 26 May 2021 09:38

Tgt Ion:	128	Resp:	42085
Ion	Ratio	Lower	Upper
128	100		
49	132.5	102.3	190.1
130	126.8	94.3	175.1
51	43.7	38.9	58.3





#25

Chloroform

Concen: 5.48 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021413.D

Acq: 26 May 2021 09:38

Tgt Ion: 83 Resp: 154579

Ion Ratio Lower Upper

83 100

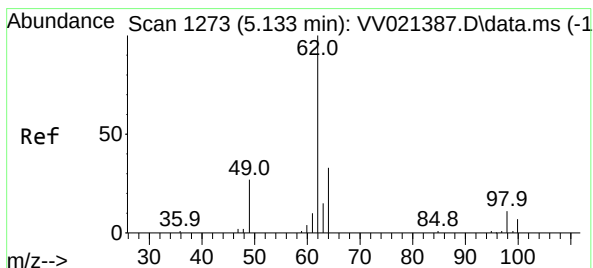
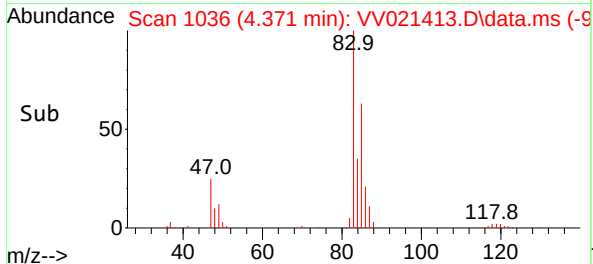
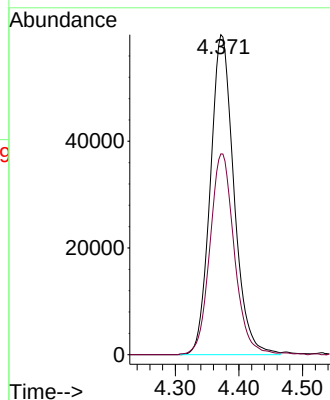
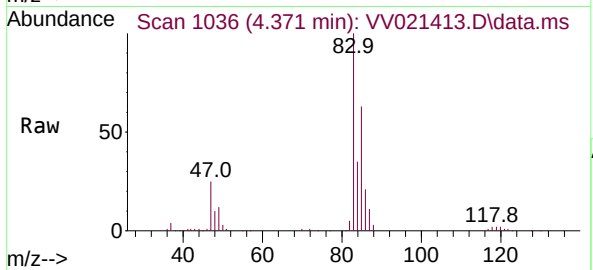
85 62.8 45.8 85.2

Instrument :

MSVOA_V

ClientSampleId :

VSTD005174



#27

1,2-Dichloroethane

Concen: 5.46 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021413.D

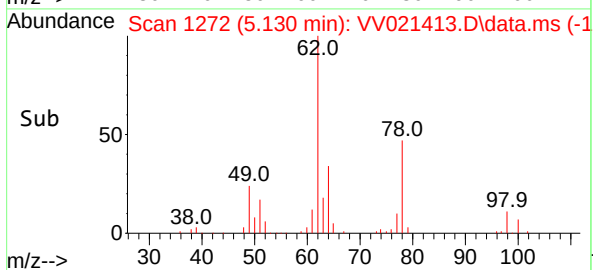
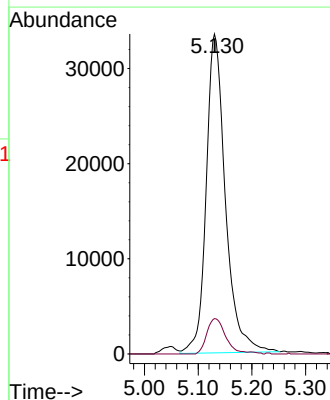
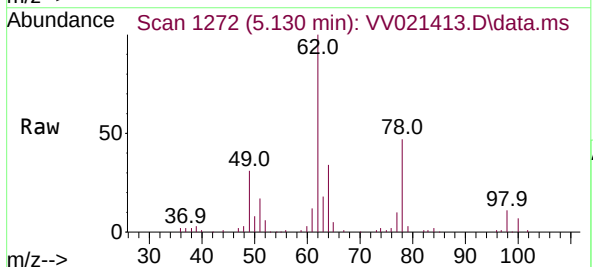
Acq: 26 May 2021 09:38

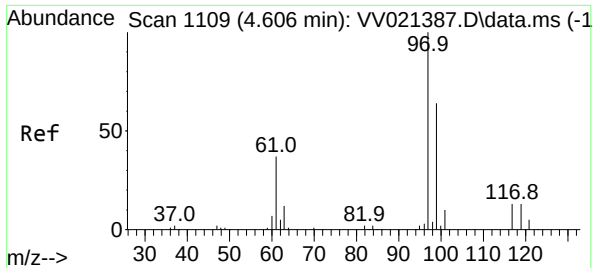
Tgt Ion: 62 Resp: 83312

Ion Ratio Lower Upper

62 100

98 11.1 8.4 12.6

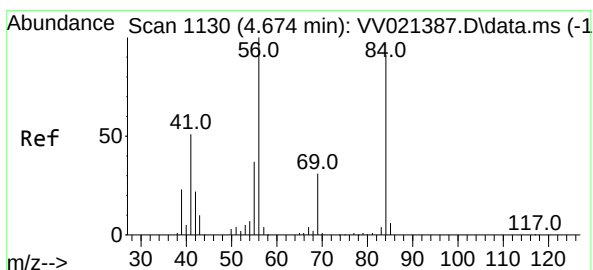
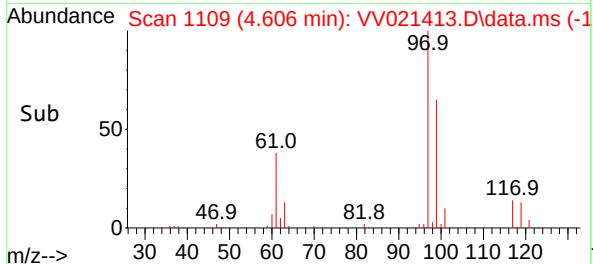
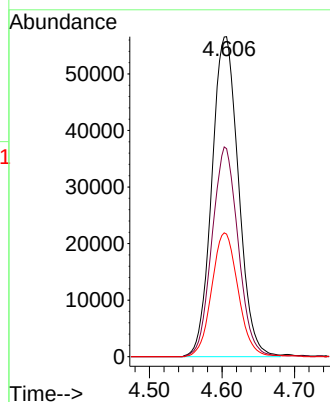
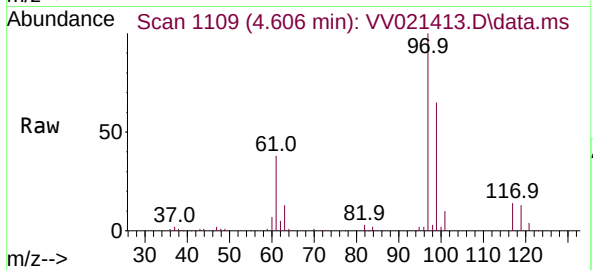




#29
1,1,1-Trichloroethane
Concen: 5.58 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

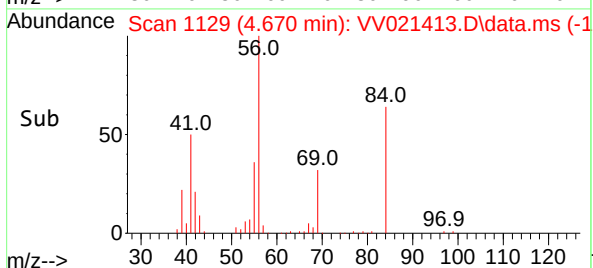
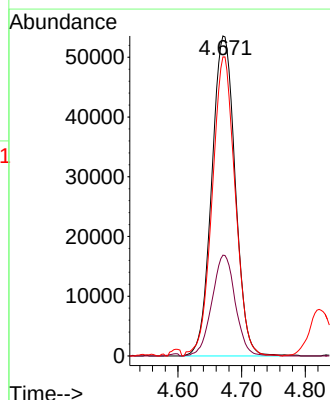
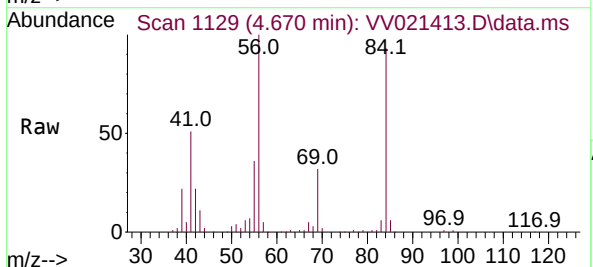
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

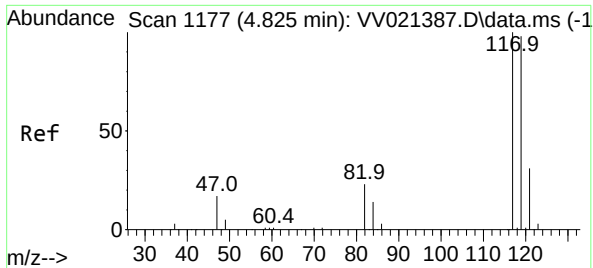
Tgt Ion:	97	Resp:	144602
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.6	75.8
61	38.5	30.4	45.6



#30
Cyclohexane
Concen: 5.36 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:	56	Resp:	136755
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.2	37.8
84	91.7	72.7	109.1

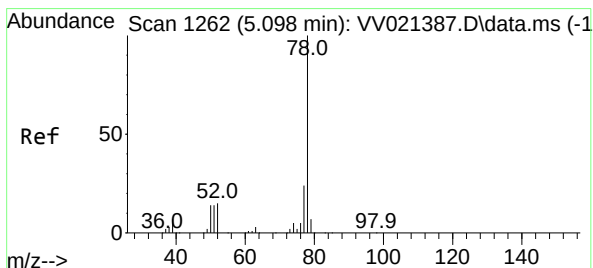
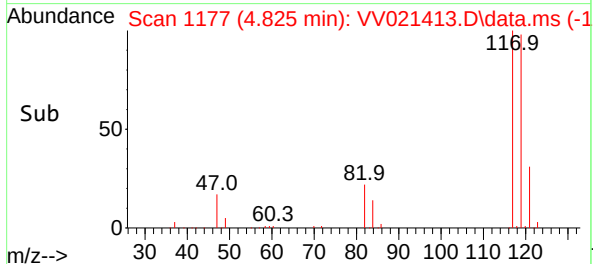
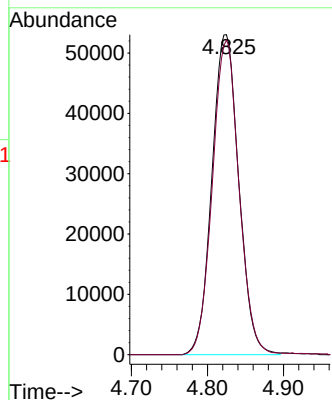
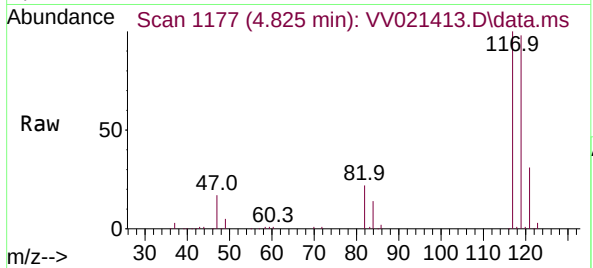




#31
Carbon tetrachloride
Concen: 5.55 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

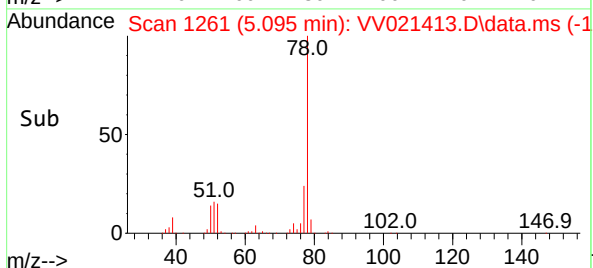
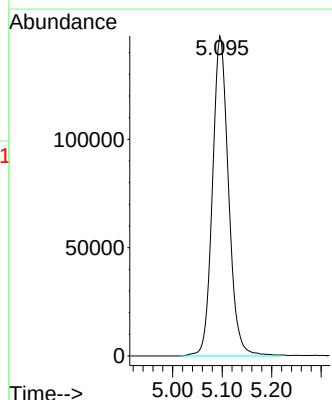
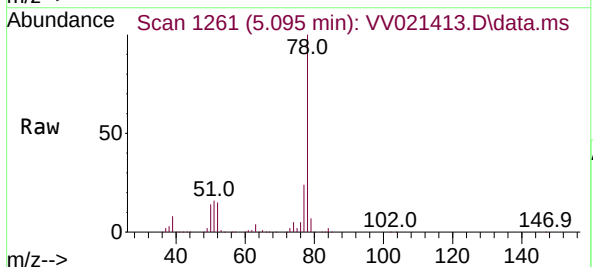
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

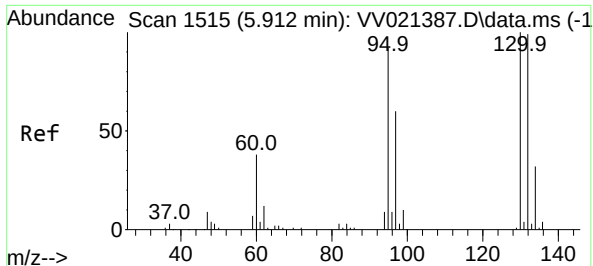
Tgt Ion:117 Resp: 130397
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6



#33
Benzene
Concen: 5.53 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 78 Resp: 332688



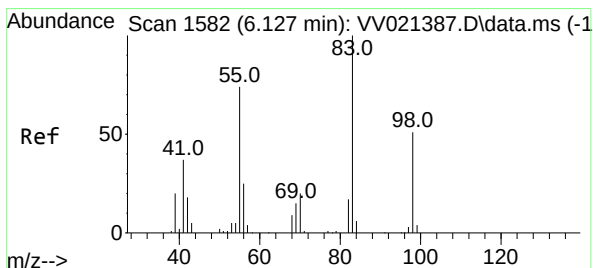
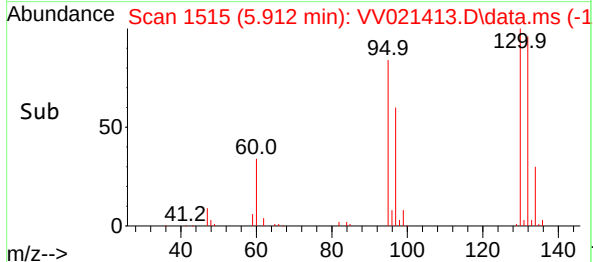
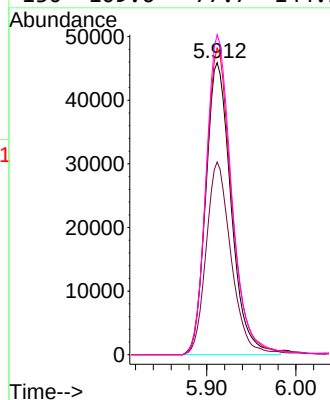
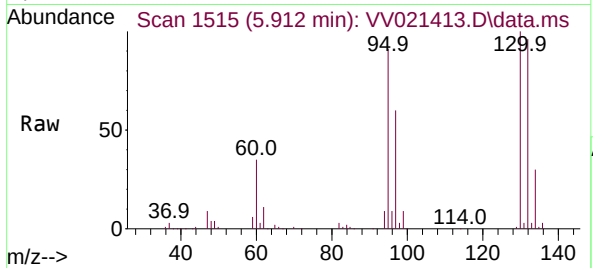


#34
Trichloroethene
Concen: 5.47 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

Tgt Ion: 95 Resp: 90552

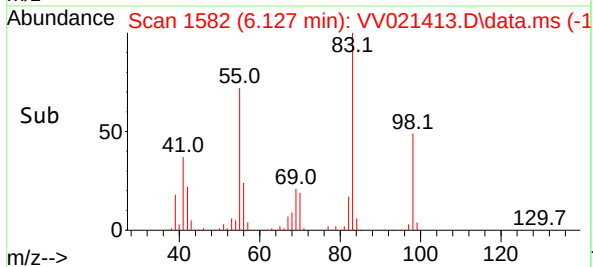
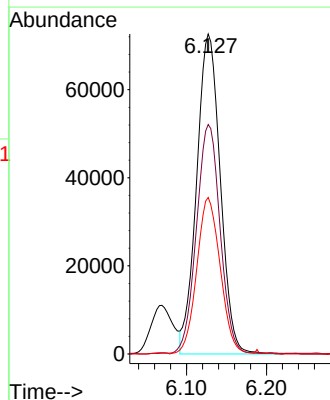
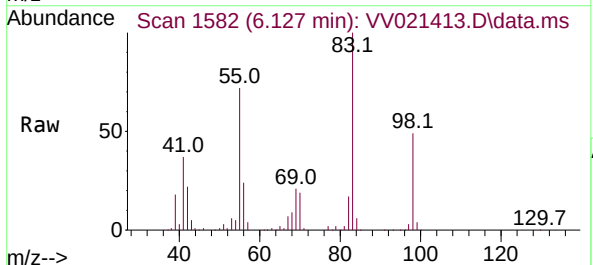
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.4	84.4
132	105.1	74.5	138.3
130	109.6	77.7	144.3

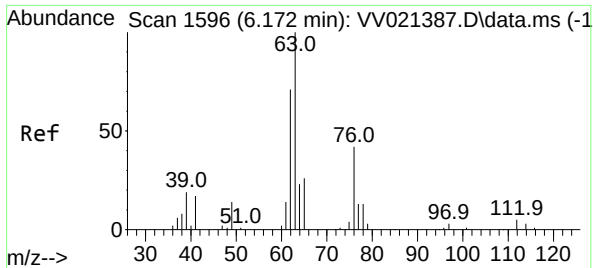


#35
Methylcyclohexane
Concen: 5.50 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 83 Resp: 149716

Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.7	86.5
98	48.4	40.6	61.0

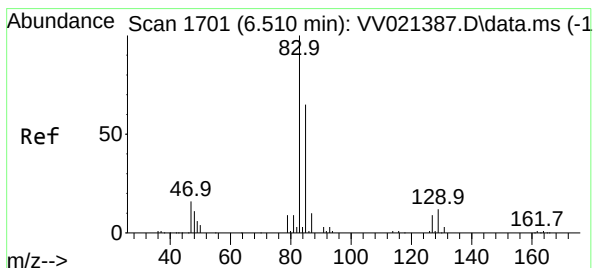
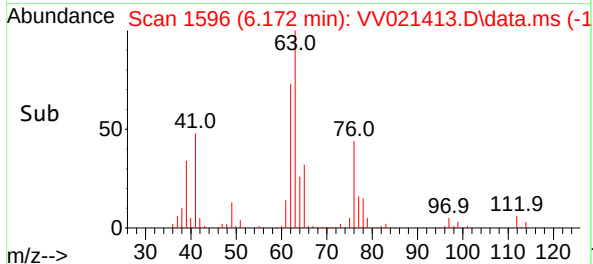
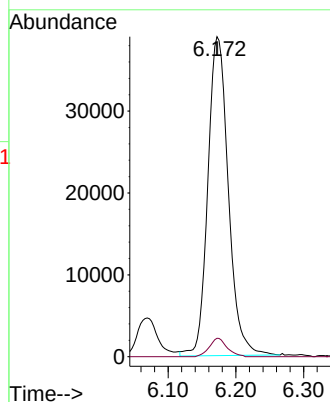
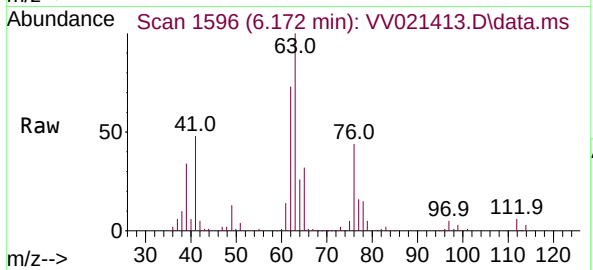




#37
1,2-Dichloropropane
Concen: 5.48 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

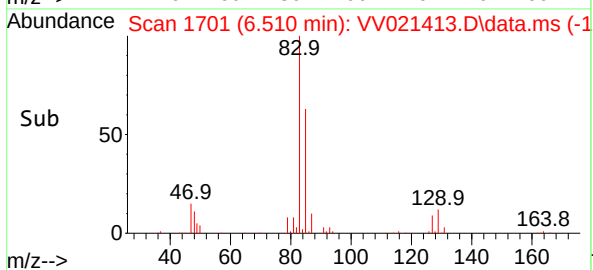
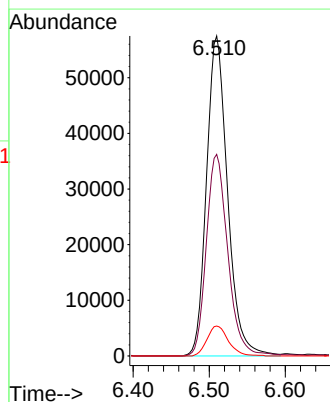
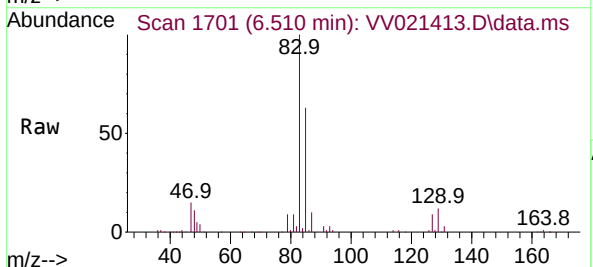
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

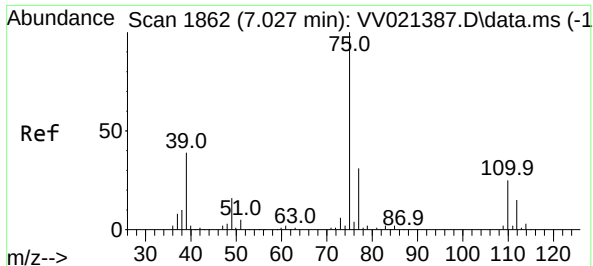
Tgt Ion: 63 Resp: 81942
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.8



#38
Bromodichloromethane
Concen: 5.42 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 83 Resp: 110622
Ion Ratio Lower Upper
83 100
85 63.0 46.2 85.8
127 9.4 7.3 10.9



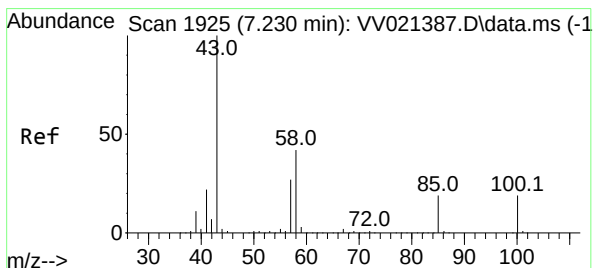
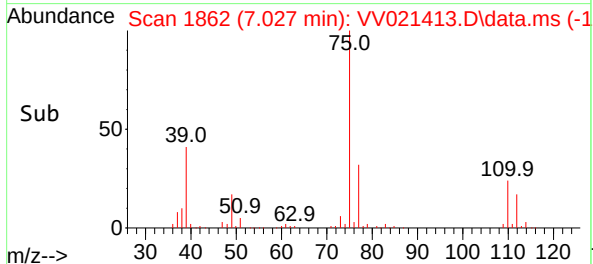
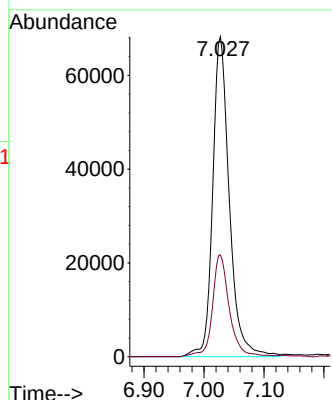
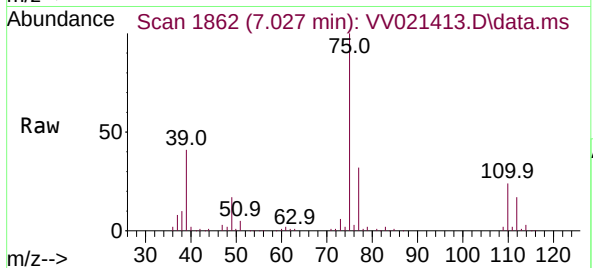


#39

cis-1,3-Dichloropropene
Concen: 5.51 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

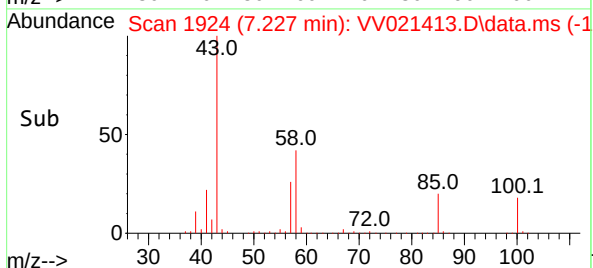
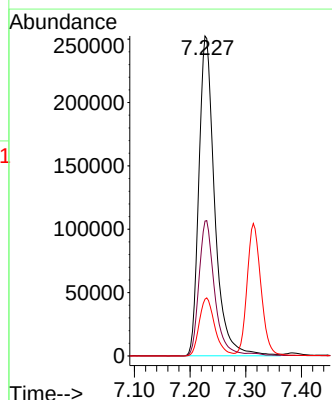
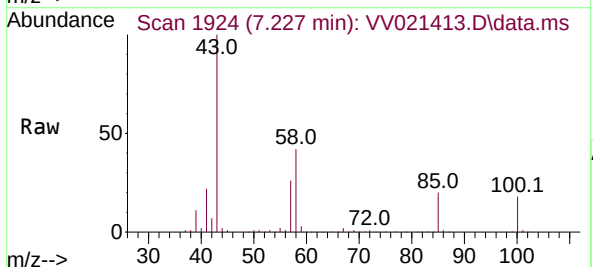
Tgt Ion: 75 Resp: 131858
Ion Ratio Lower Upper
75 100
77 31.9 22.8 42.4

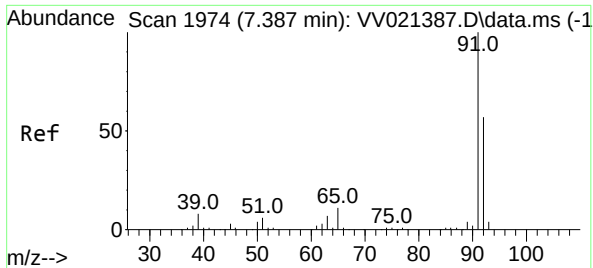


#40

4-Methyl-2-pentanone
Concen: 54.49 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.003 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 43 Resp: 498219
Ion Ratio Lower Upper
43 100
58 41.8 33.9 50.9
100 17.9 14.2 21.4

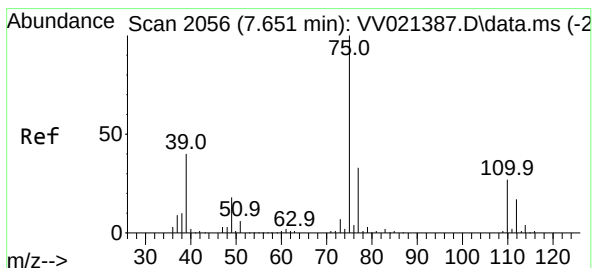
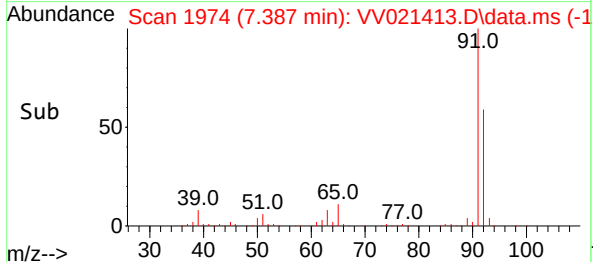
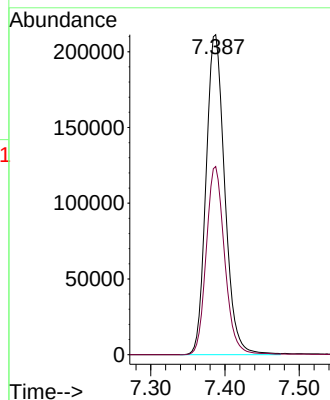
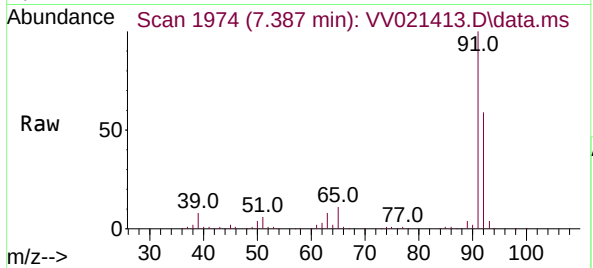




#42
Toluene
Concen: 5.55 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

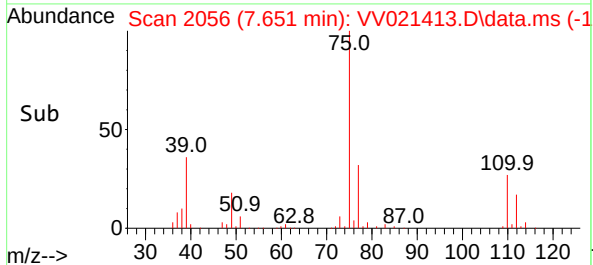
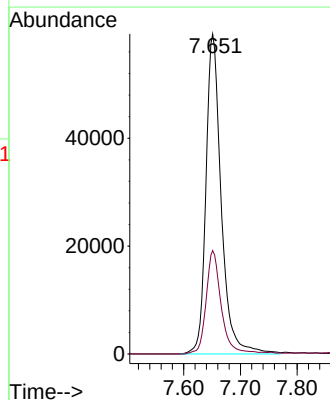
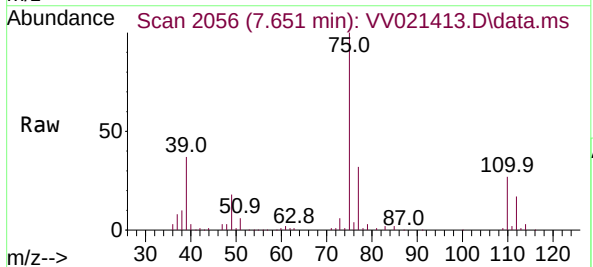
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

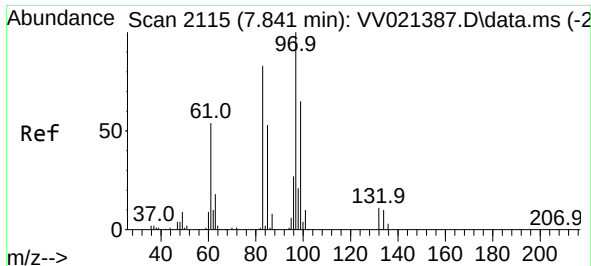
Tgt Ion: 91 Resp: 369554
Ion Ratio Lower Upper
91 100
92 58.8 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.66 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

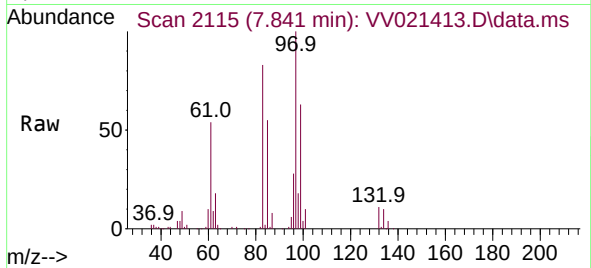
Tgt Ion: 75 Resp: 111280
Ion Ratio Lower Upper
75 100
77 32.3 22.2 41.2



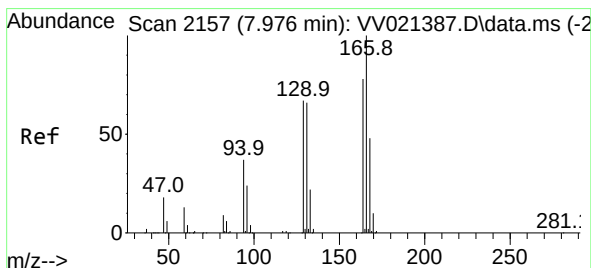
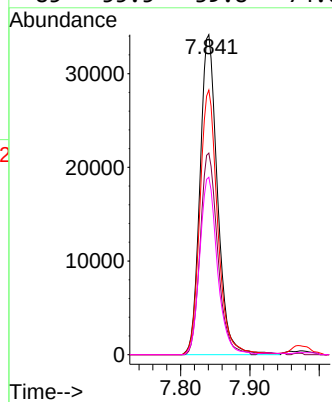
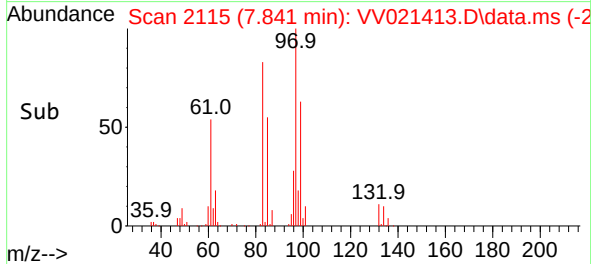


#45
1,1,2-Trichloroethane
Concen: 5.42 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

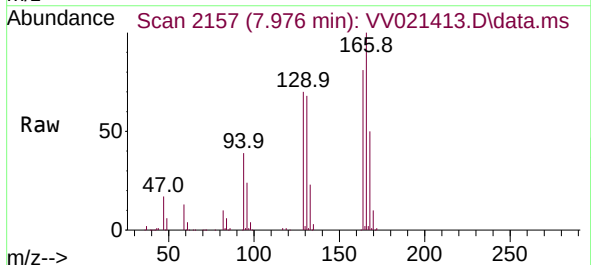
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174



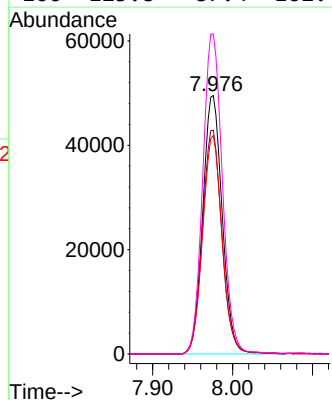
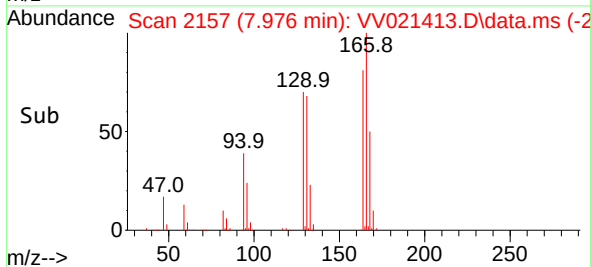
Tgt Ion:	97	Resp:	59878
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.0	81.8
83	82.7	59.0	109.6
85	55.5	39.8	74.0

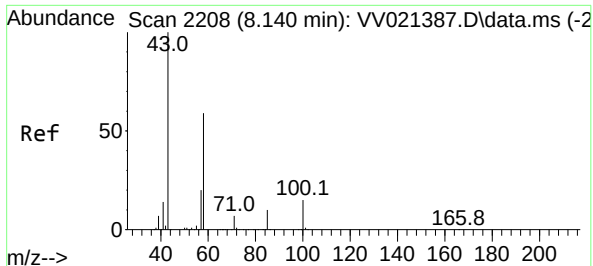


#47
Tetrachloroethene
Concen: 5.56 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38



Tgt Ion:	164	Resp:	83851
Ion	Ratio	Lower	Upper
164	100		
129	86.7	61.8	114.8
131	84.5	57.8	107.4
166	123.8	87.4	162.4

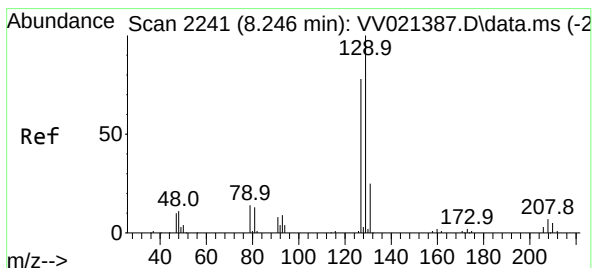
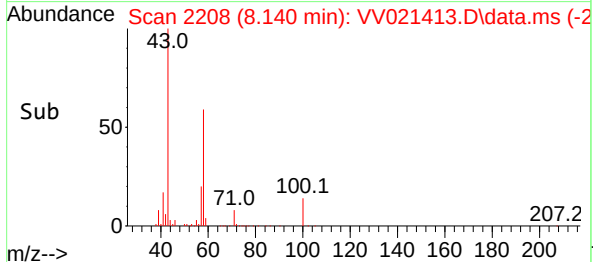
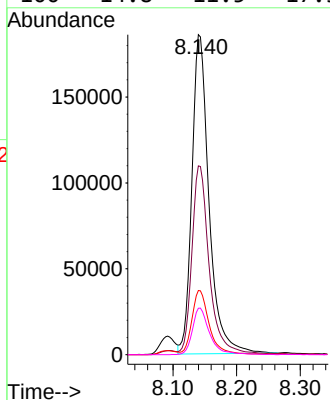
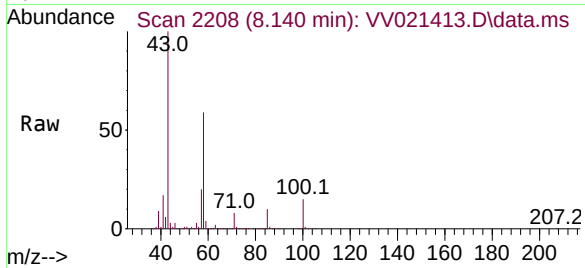




#48
2-Hexanone
Concen: 55.87 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

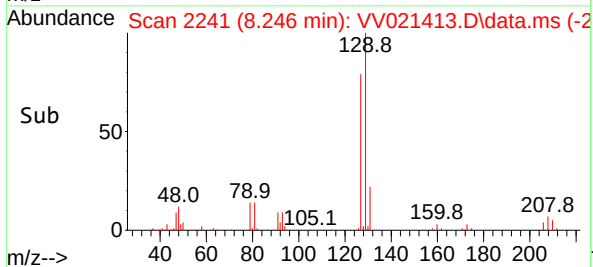
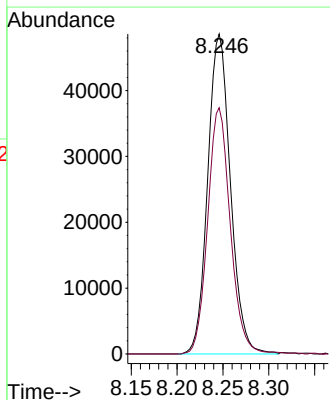
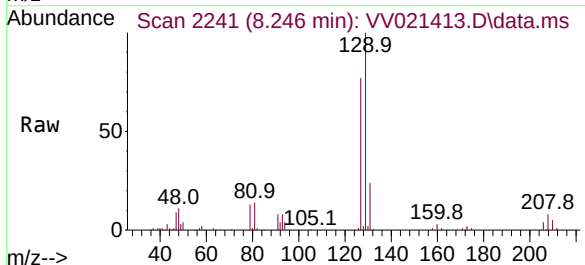
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

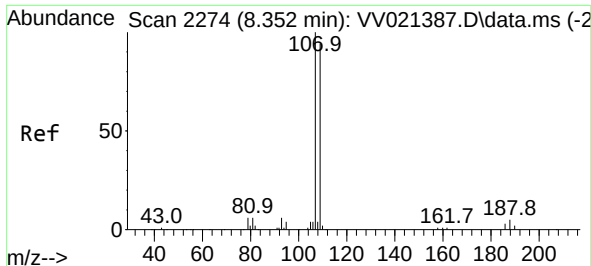
Tgt Ion: 43 Resp: 347270
Ion Ratio Lower Upper
43 100
58 59.3 47.0 70.4
57 20.1 15.4 23.2
100 14.8 11.5 17.3



#49
Dibromochloromethane
Concen: 5.59 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 129 Resp: 83908
Ion Ratio Lower Upper
129 100
127 77.0 55.4 103.0





#50

1,2-Dibromoethane

Concen: 5.37 ug/L

RT: 8.352 min Scan# 2274

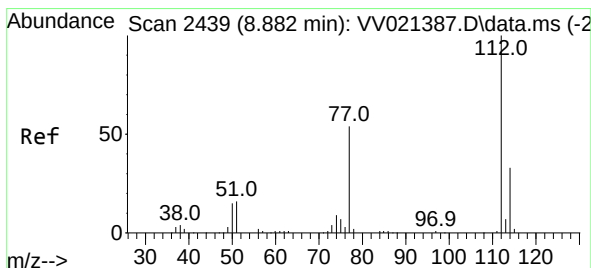
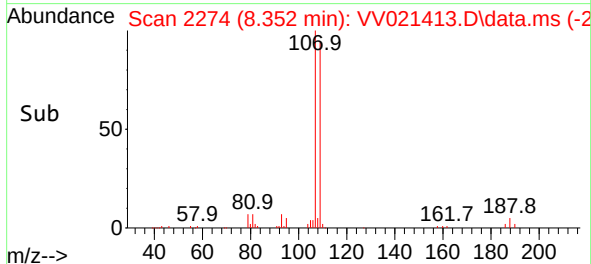
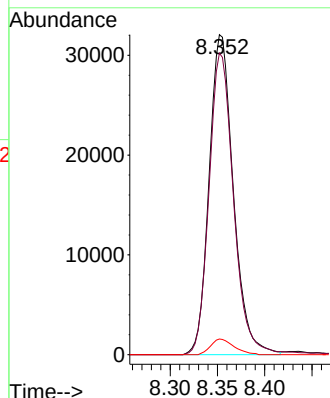
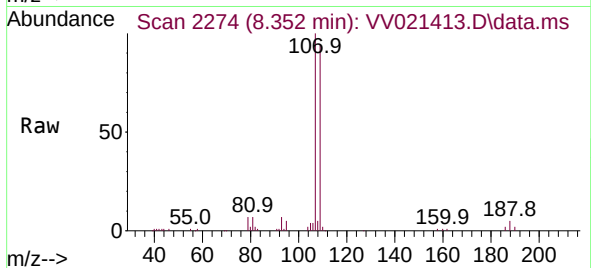
Delta R.T. 0.000 min

Lab File: VV021413.D

Acq: 26 May 2021 09:38

Tgt Ion:	107	Resp:	57165
Ion Ratio	Lower	Upper	
107	100		
109	94.3	65.3	121.3
188	4.9	3.8	5.6

Instrument :
MSVOA_V
ClientSampleId :
VSTD005174



#51

Chlorobenzene

Concen: 5.57 ug/L

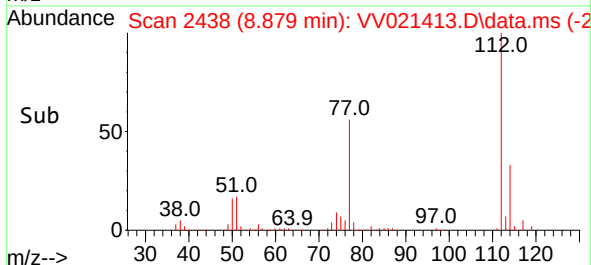
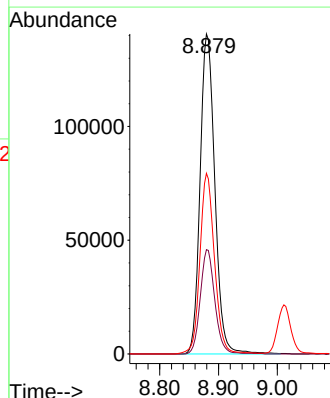
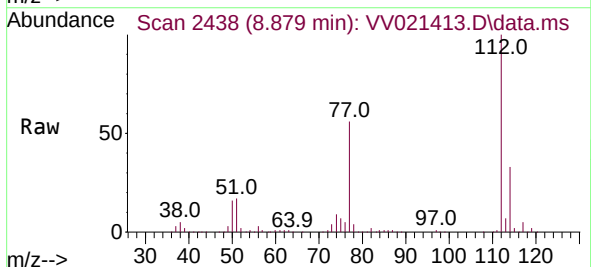
RT: 8.879 min Scan# 2438

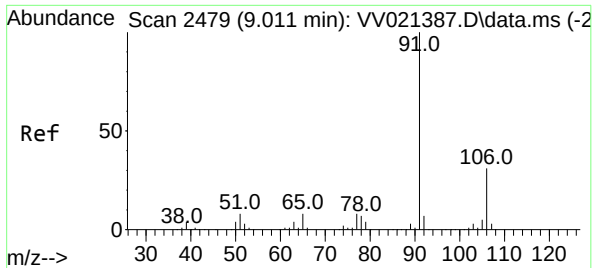
Delta R.T. -0.003 min

Lab File: VV021413.D

Acq: 26 May 2021 09:38

Tgt Ion:	112	Resp:	244800
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.5	41.9
77	56.5	44.5	66.7

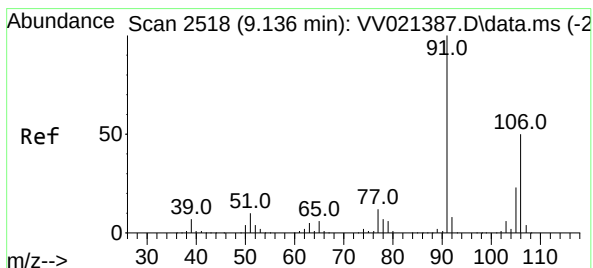
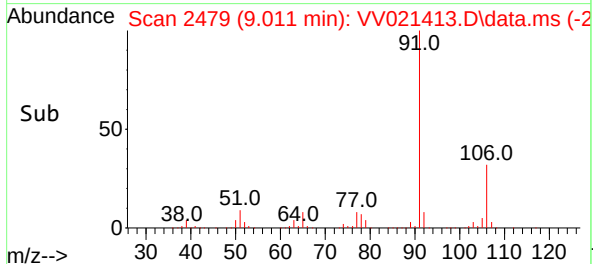
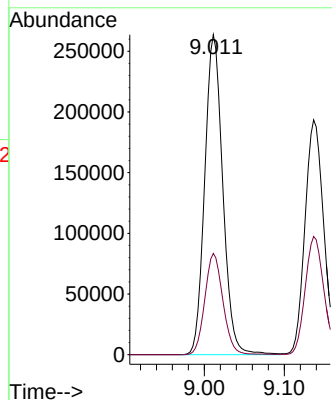
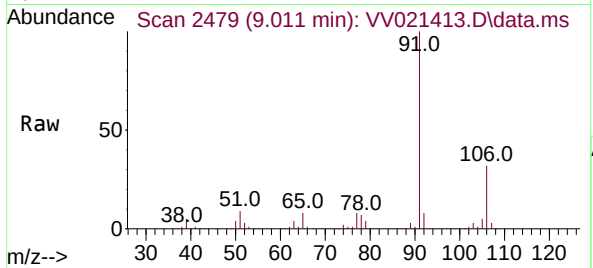




#52
Ethylbenzene
Concen: 5.56 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

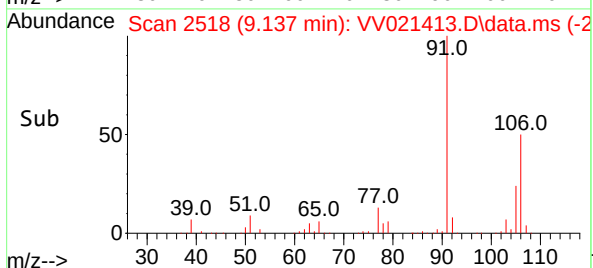
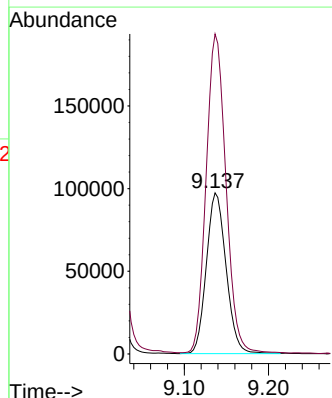
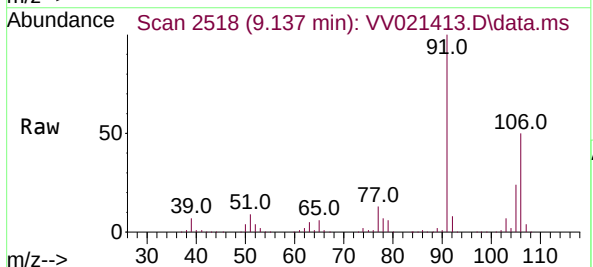
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

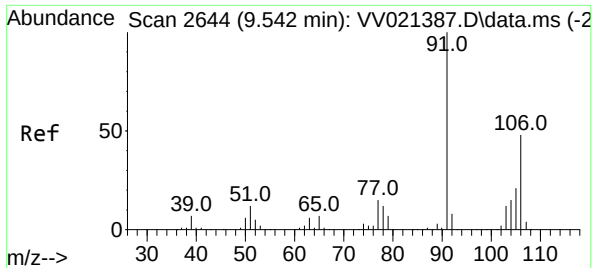
Tgt Ion: 91 Resp: 414082
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-xylene
Concen: 5.52 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 106 Resp: 158371
Ion Ratio Lower Upper
106 100
91 198.6 140.8 261.4

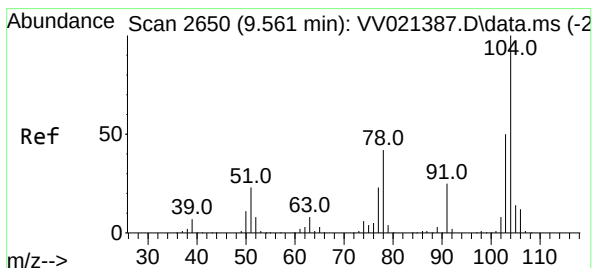
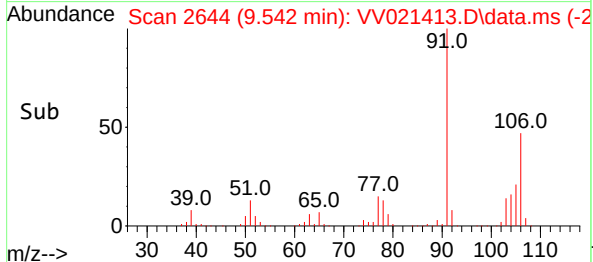
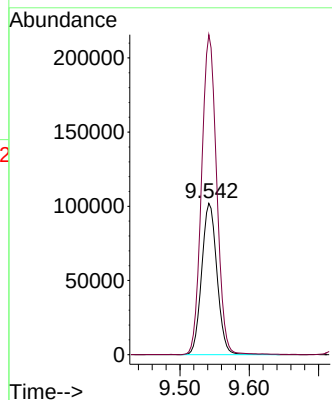
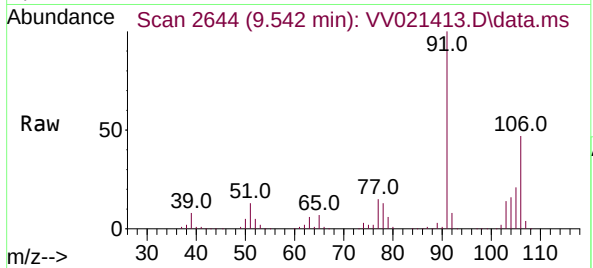




#54
o-xylene
Concen: 5.56 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

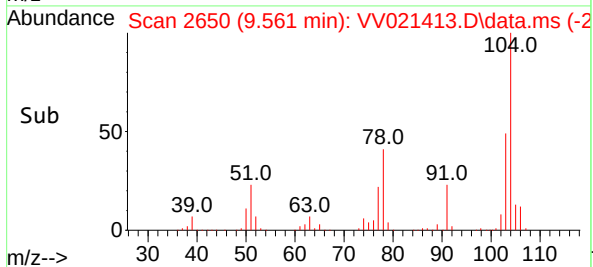
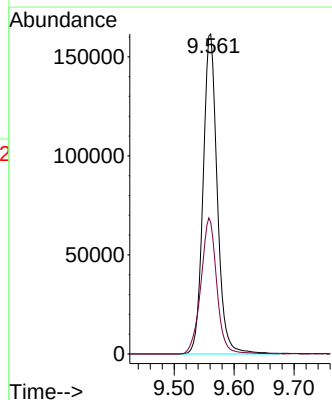
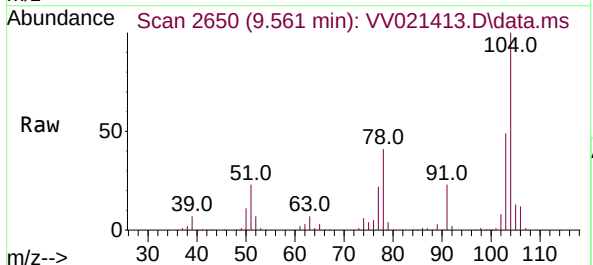
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

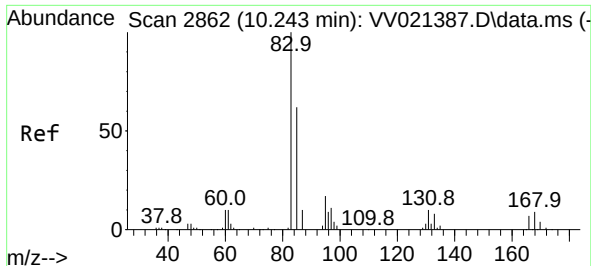
Tgt Ion:106 Resp: 155895
Ion Ratio Lower Upper
106 100
91 211.3 146.7 272.4



#55
Styrene
Concen: 5.64 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:104 Resp: 266433
Ion Ratio Lower Upper
104 100
78 41.1 29.7 55.1

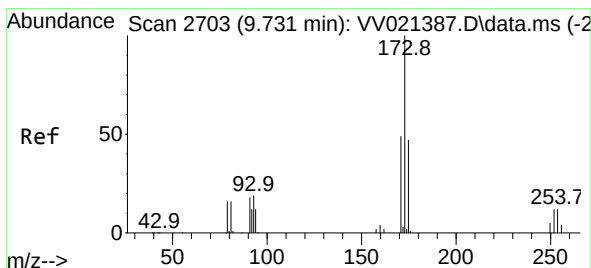
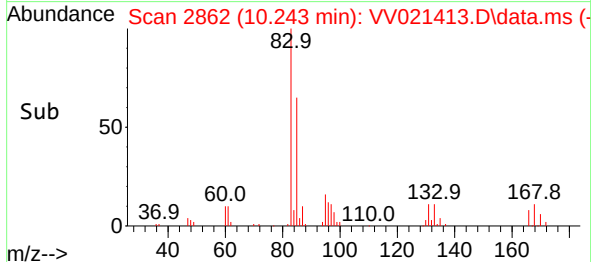
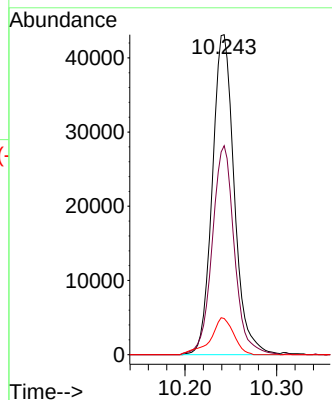
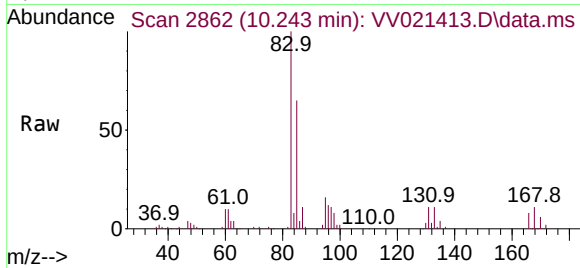




#57
1,1,2,2-Tetrachloroethane
Concen: 5.51 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

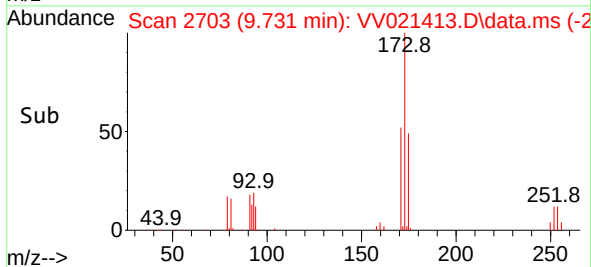
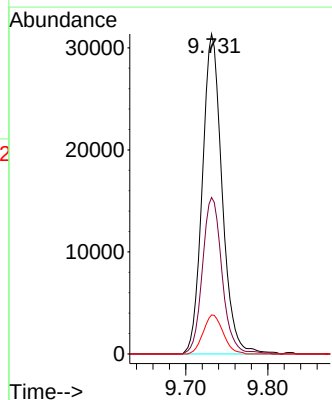
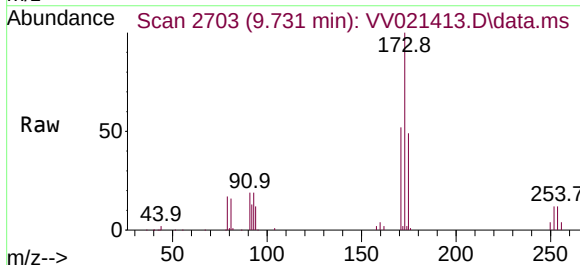
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

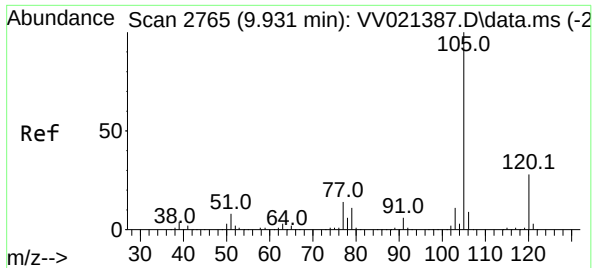
Tgt Ion:	83	Resp:	71716
Ion	Ratio	Lower	Upper
83	100		
85	65.3	43.3	80.3
131	11.3	9.4	14.0



#59
Bromoform
Concen: 5.35 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:	173	Resp:	52514
Ion	Ratio	Lower	Upper
173	100		
175	48.7	40.2	60.4
254	12.3	9.8	14.8

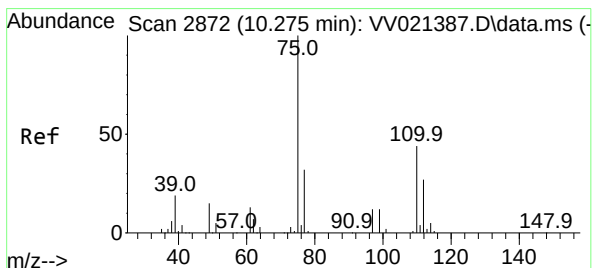
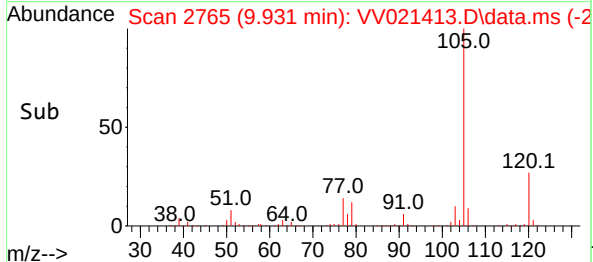
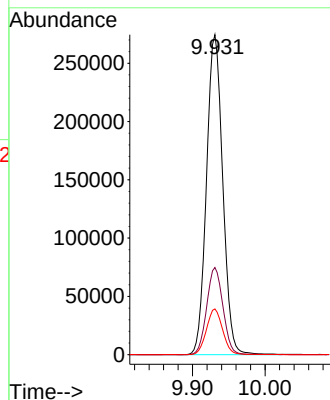
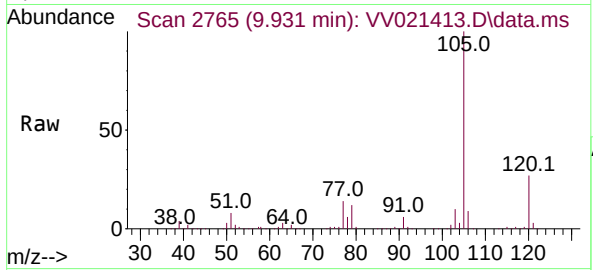




#60
Isopropylbenzene
Concen: 5.33 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

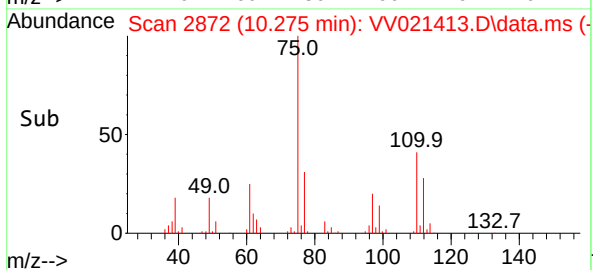
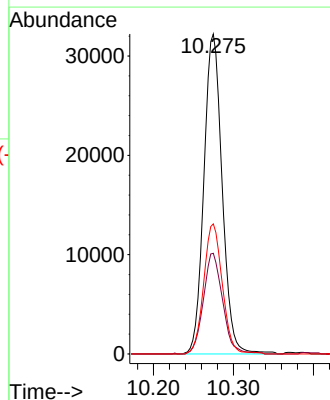
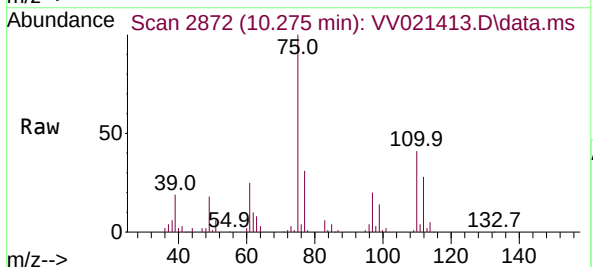
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

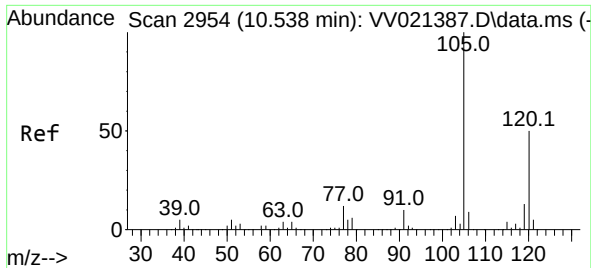
Tgt Ion:105 Resp: 428114
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.8
77 14.3 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 5.33 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion: 75 Resp: 51362
Ion Ratio Lower Upper
75 100
77 32.9 27.3 40.9
110 41.4 34.2 51.2

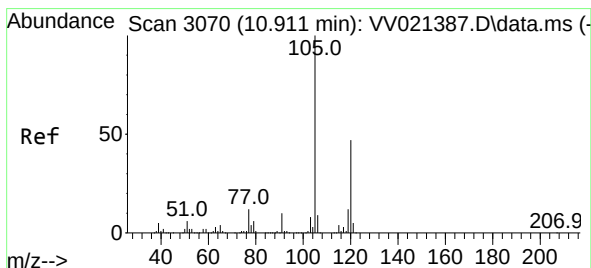
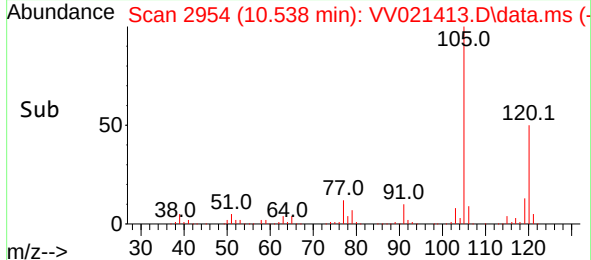
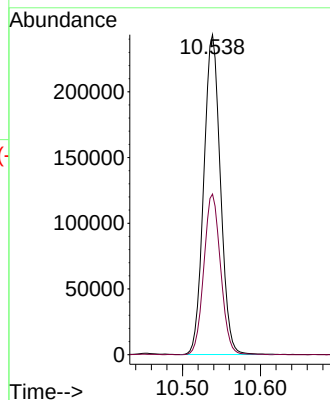
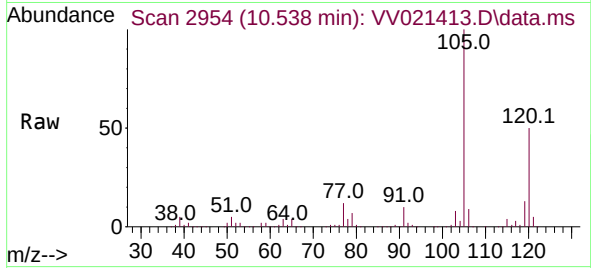




#62
1,3,5-Trimethylbenzene
Concen: 5.27 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

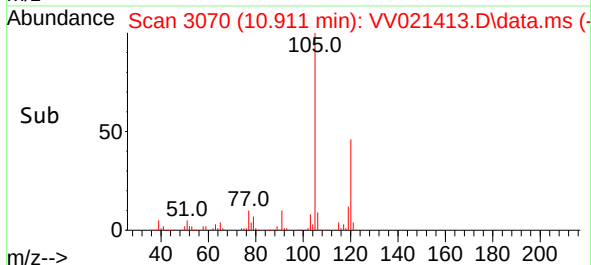
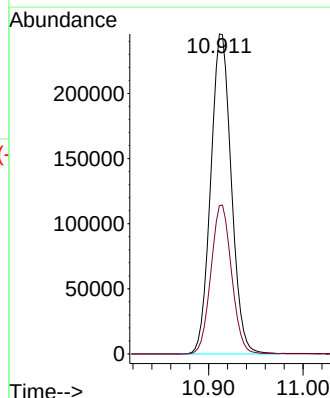
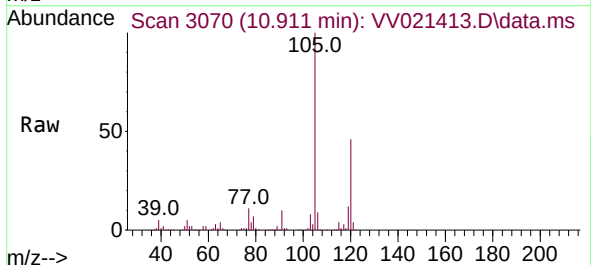
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

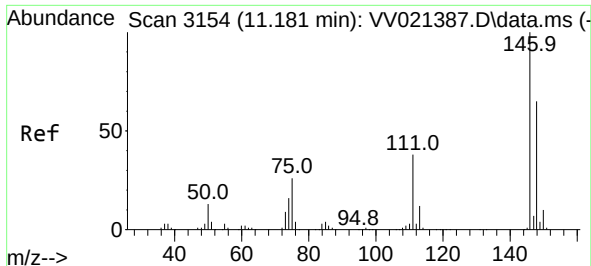
Tgt Ion:105 Resp: 360494
Ion Ratio Lower Upper
105 100
120 50.6 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 5.32 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:105 Resp: 371908
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0

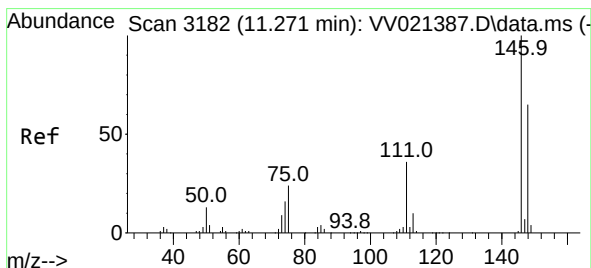
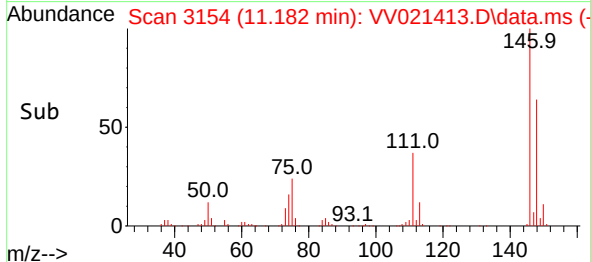
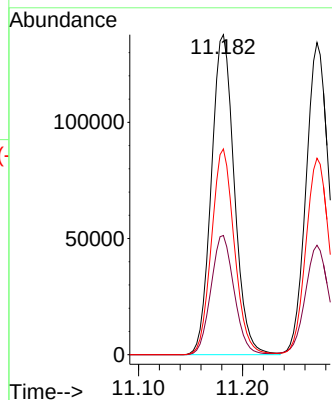
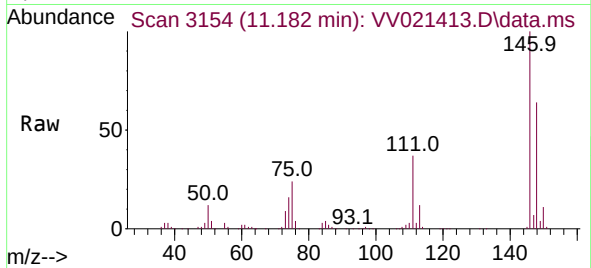




#64
1,3-Dichlorobenzene
Concen: 5.34 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

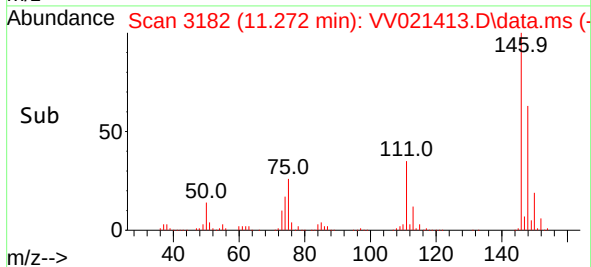
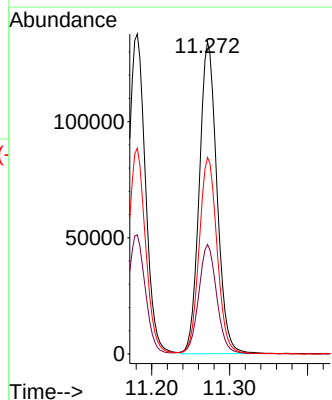
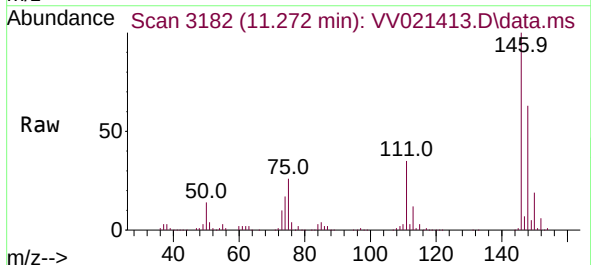
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

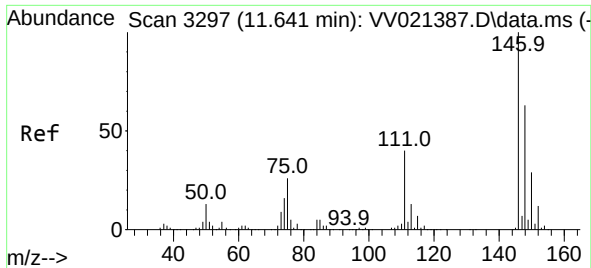
Tgt Ion:146 Resp: 211200
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.6
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.35 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:146 Resp: 210977
Ion Ratio Lower Upper
146 100
111 35.1 25.1 46.5
148 63.0 44.4 82.5

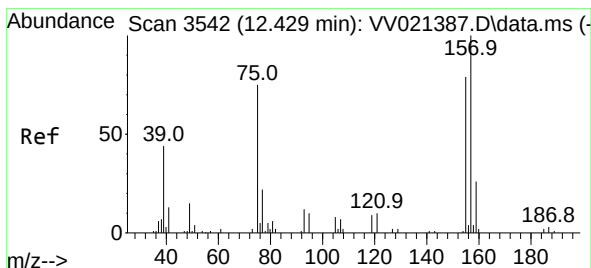
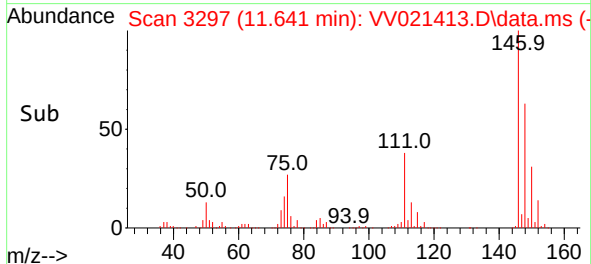
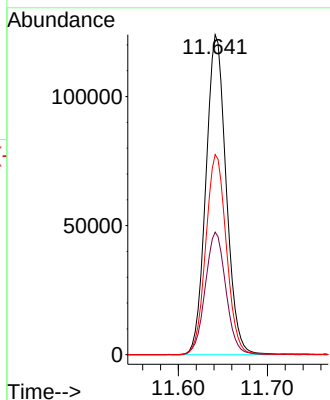
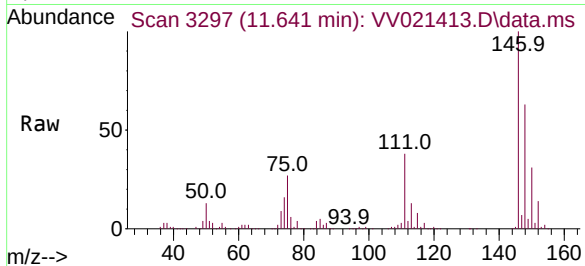




#67
1,2-Dichlorobenzene
Concen: 5.34 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

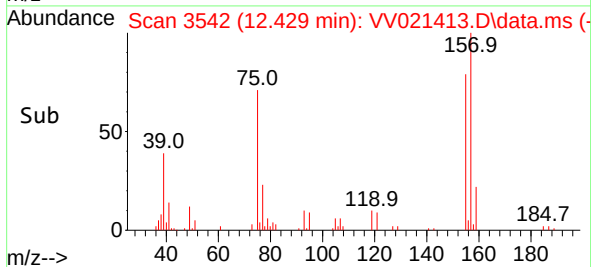
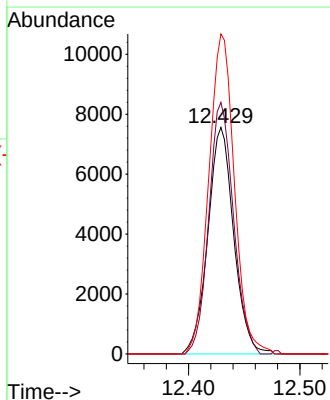
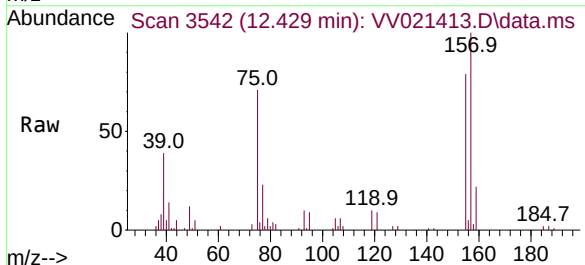
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

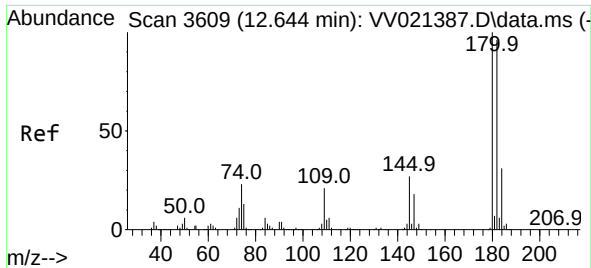
Tgt Ion:	146	Resp:	195383
Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.2	46.8
148	62.5	50.9	76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.17 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:	75	Resp:	12198
Ion	Ratio	Lower	Upper
75	100		
155	111.0	87.2	130.8
157	141.2	106.1	159.1

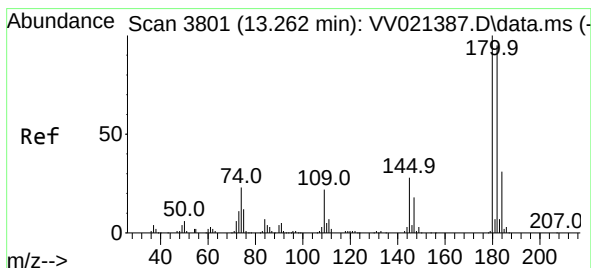
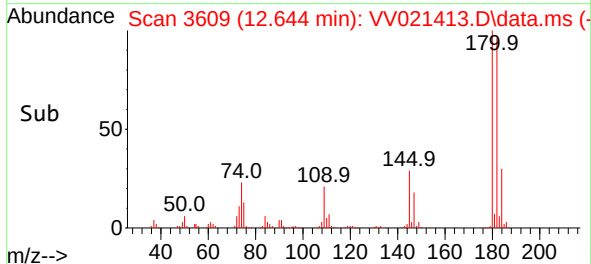
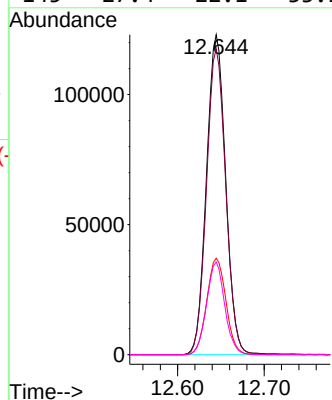
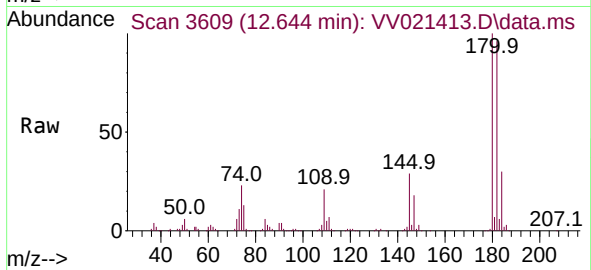




#69
1,3,5-Trichlorobenzene
Concen: 5.33 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

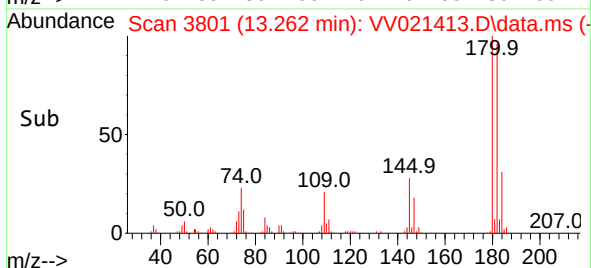
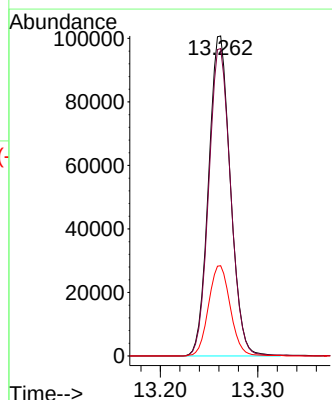
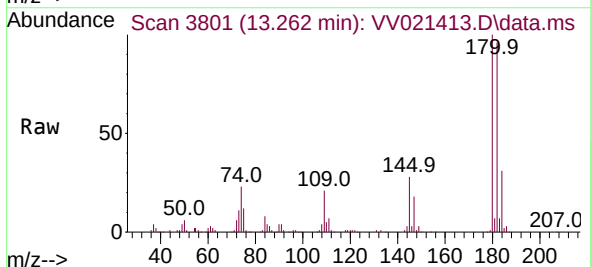
Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

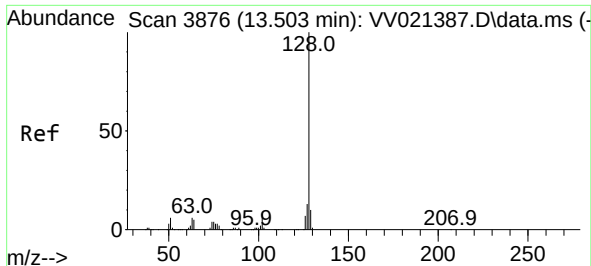
Tgt Ion:180 Resp: 189685
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
184 30.2 24.0 36.0
145 27.4 22.1 33.1



#70
1,2,4-trichlorobenzene
Concen: 5.30 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:180 Resp: 156486
Ion Ratio Lower Upper
180 100
182 96.4 76.3 114.5
145 28.2 23.0 34.4

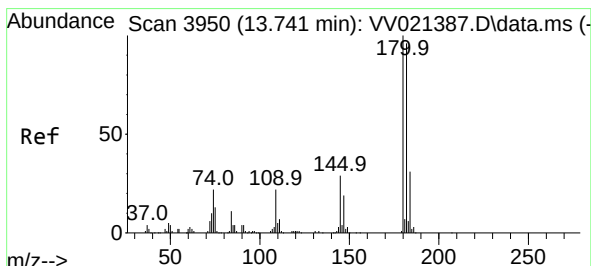
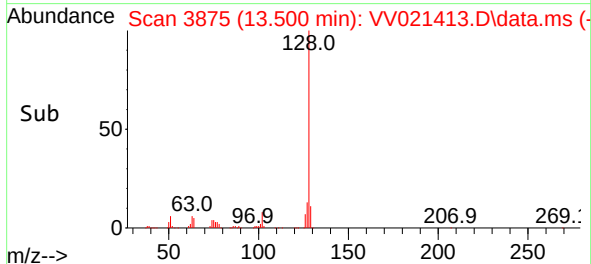
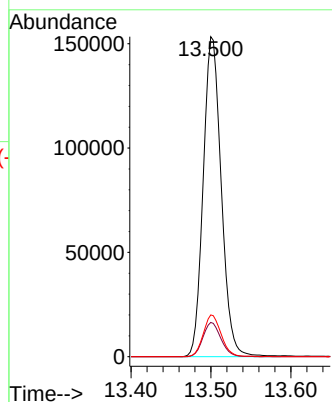
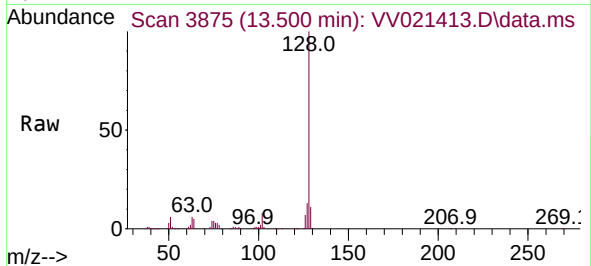




#71
Naphthalene
Concen: 5.22 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005174

Tgt Ion:128 Resp: 241412
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.33 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV021413.D
Acq: 26 May 2021 09:38

Tgt Ion:180 Resp: 139687
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 29.3 24.3 36.5

