

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043903.D
 Acq On : 21 May 2021 20:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: May 22 00:56:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	211916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	211715	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	117872	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	53093	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.919	69	40479	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.571	65	26332	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.645	46	143561	48.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	5.073	84	130389	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.710	65	62598	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	256221	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	82083	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.906	98	237498	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.185	79	29674	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.642	63	151930	53.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73891	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	93702	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	80961	5.25	ug/L	99
3) Chloromethane	1.523	50	86454	4.77	ug/L	99
5) Vinyl chloride	1.607	62	90787	5.05	ug/L	100
6) Bromomethane	1.864	94	49414	4.66	ug/L	98
8) Chloroethane	1.938	64	45428	4.49	ug/L	100
9) Trichlorofluoromethane	2.144	101	106723	5.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	79093	5.56	ug/L	98
12) 1,1-Dichloroethene	2.588	96	79203	5.66	ug/L	86
13) Acetone	2.652	43	85685	45.43	ug/L	97
14) Carbon disulfide	2.800	76	240626	5.14	ug/L	100
15) Methyl Acetate	2.964	43	25365	4.52	ug/L	95
16) Methylene chloride	3.054	84	112153	5.40	ug/L	95
17) Methyl tert-butyl Ether	3.375	73	161186	5.09	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	79954	5.44	ug/L	94
19) 1,1-Dichloroethane	3.880	63	143415	5.40	ug/L	98
21) 2-Butanone	4.723	43	163241	45.26	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	83890	5.43	ug/L	96
23) Bromochloromethane	4.986	128	42200	5.80	ug/L	88
25) Chloroform	5.099	83	148149	5.64	ug/L	99

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 ALS Vial : 23 Sample Multiplier: 1

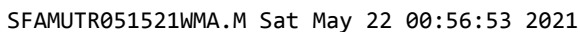
Instrument :
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 ClientSampleId :
 VSTD005153

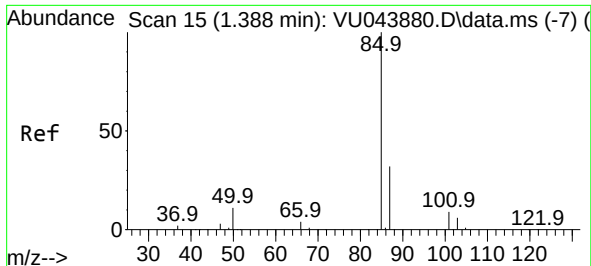
Quant Time: May 22 00:56:46 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	86772	5.36	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	122214	5.54	ug/L	98
30) Cyclohexane	5.398	56	117704	4.81	ug/L	95
31) Carbon tetrachloride	5.533	117	101948	5.53	ug/L	99
33) Benzene	5.784	78	333650	5.45	ug/L	100
34) Trichloroethene	6.549	95	82744	5.27	ug/L	97
35) Methylcyclohexane	6.771	83	120981	4.95	ug/L	97
37) 1,2-Dichloropropane	6.800	63	84912	5.30	ug/L	99
38) Bromodichloromethane	7.115	83	102334	5.48	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	107085	5.03	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	512164	50.14	ug/L	97
42) Toluene	7.976	91	359920	5.60	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	94131	5.13	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	65211	5.66	ug/L	97
47) Tetrachloroethene	8.558	164	70778	5.57	ug/L	98
48) 2-Hexanone	8.693	43	390170	51.49	ug/L	97
49) Dibromochloromethane	8.816	129	73800	5.75	ug/L	100
50) 1,2-Dibromoethane	8.931	107	60616	5.60	ug/L	97
51) Chlorobenzene	9.452	112	218683	5.44	ug/L	98
52) Ethylbenzene	9.578	91	348970	5.30	ug/L	99
53) m,p-Xylene	9.700	106	138284	5.52	ug/L	96
54) o-Xylene	10.108	106	133831	5.60	ug/L	97
55) Styrene	10.121	104	231139	5.73	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	80439	5.50	ug/L	96
59) Bromoform	10.298	173	43471	5.48	ug/L	99
60) Isopropylbenzene	10.491	105	344134	5.32	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	57224	5.09	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	266933	5.13	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	273824	5.13	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	179631	5.39	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	179860	5.37	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	171829	5.37	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11725	5.08	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	135051	5.08	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	103716	4.73	ug/L	99
71) Naphthalene	14.092	128	166820	4.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	102706	4.94	ug/L	100

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

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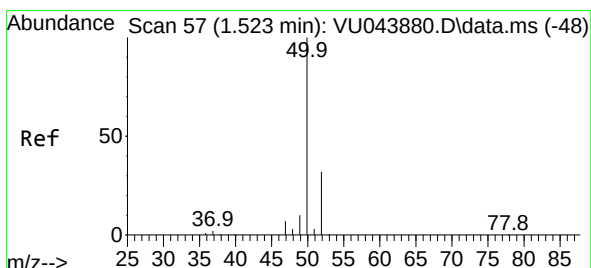
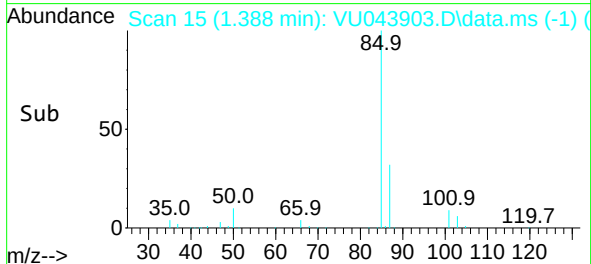
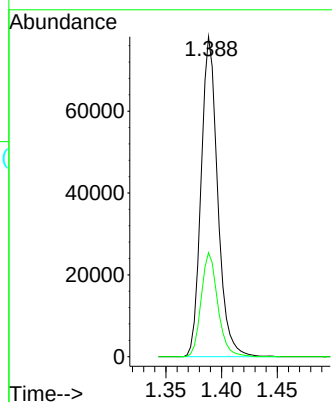
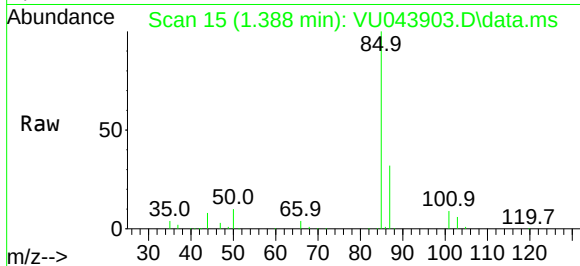




#2
Dichlorodifluoromethane
Concen: 5.25 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

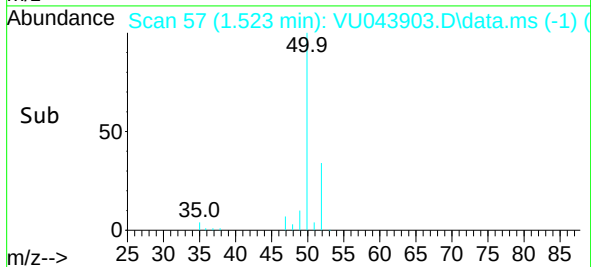
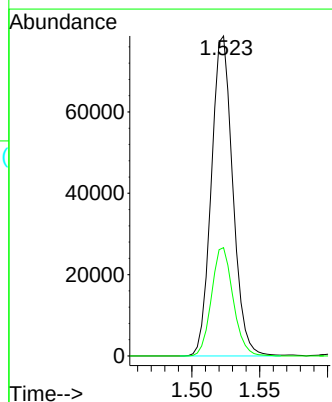
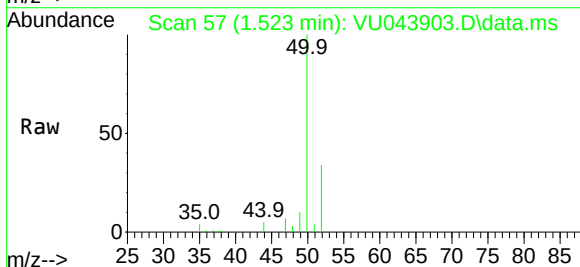
Instrument :
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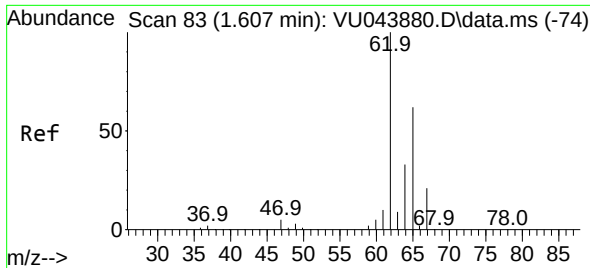
Tgt Ion: 85 Resp: 80961
Ion Ratio Lower Upper
85 100
87 32.4 25.5 38.3



#3
Chloromethane
Concen: 4.77 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 50 Resp: 86454
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

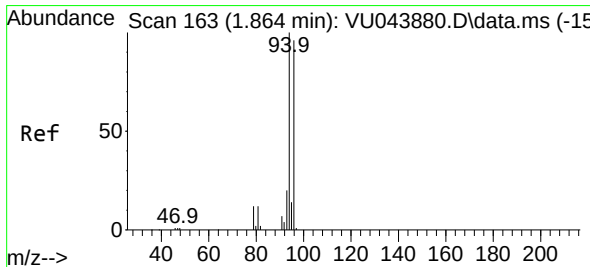
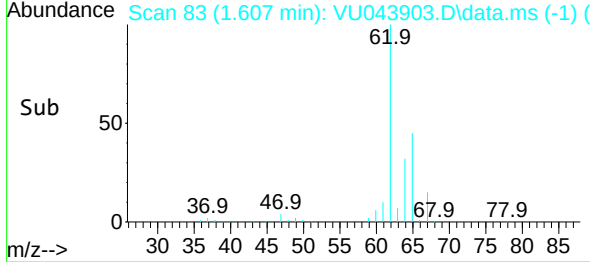
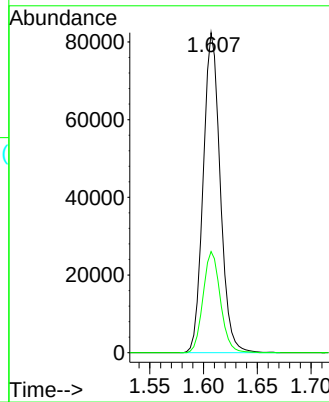
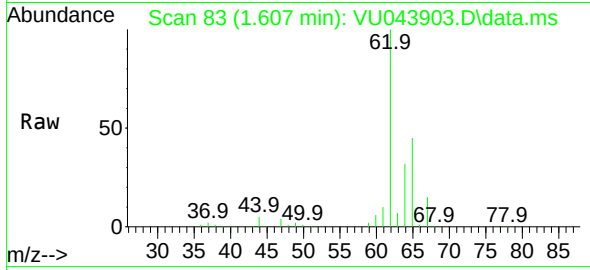




#5
 Vinyl chloride
 Concen: 5.05 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043903.D
 Acq: 21 May 2021 20:46

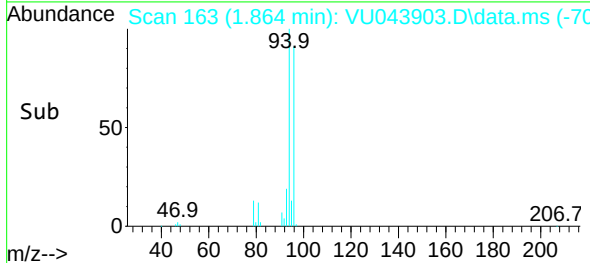
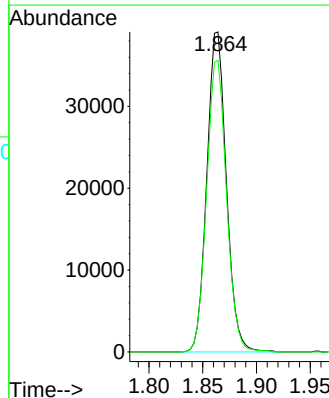
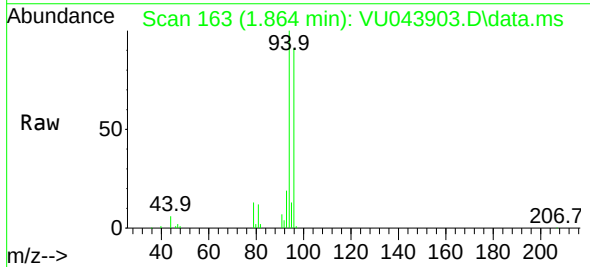
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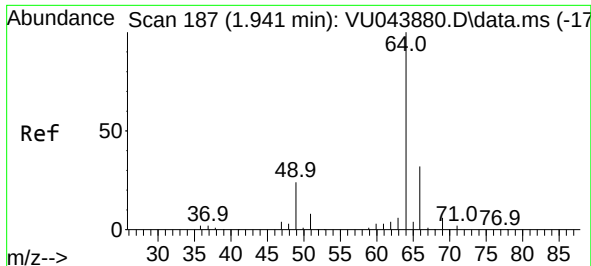
Tgt Ion: 62 Resp: 90787
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.1 41.1



#6
 Bromomethane
 Concen: 4.66 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043903.D
 Acq: 21 May 2021 20:46

Tgt Ion: 94 Resp: 49414
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.0 120.8

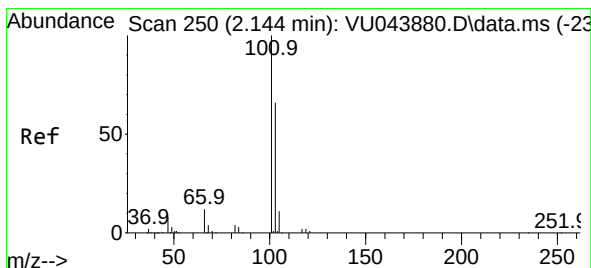
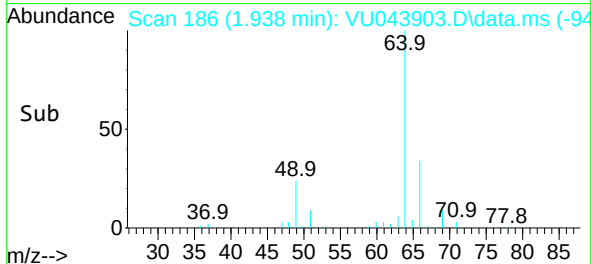
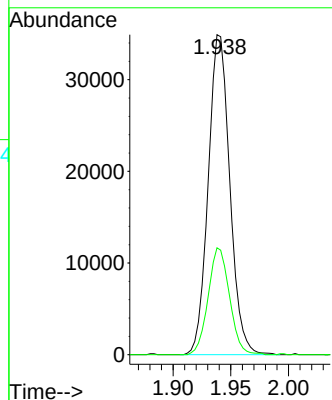
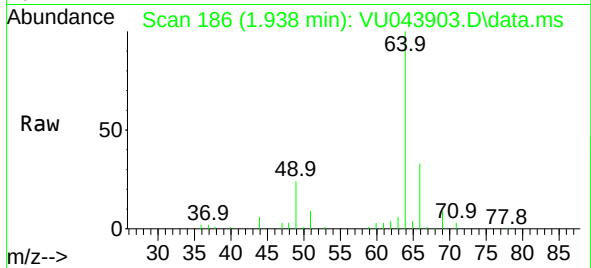




#8
Chloroethane
Concen: 4.49 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

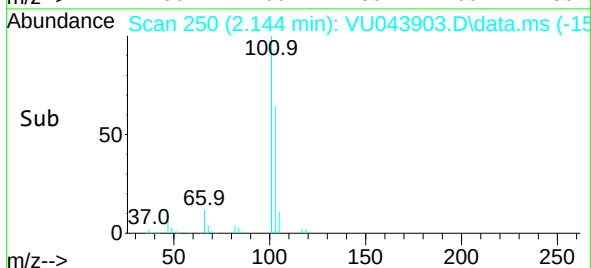
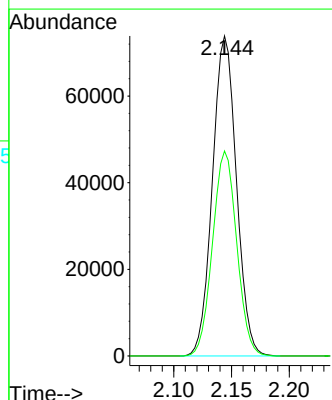
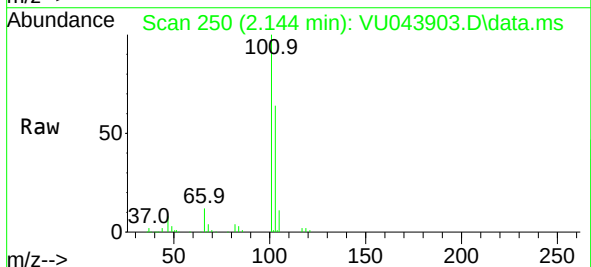
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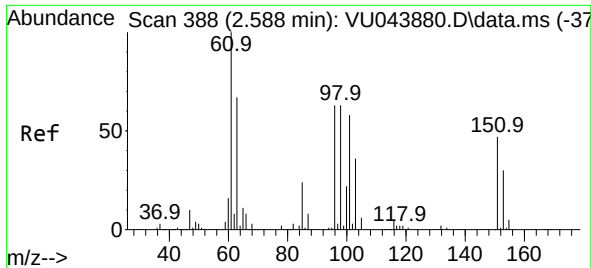
Tgt Ion: 64 Resp: 45428
Ion Ratio Lower Upper
64 100
66 33.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.11 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 101 Resp: 106723
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

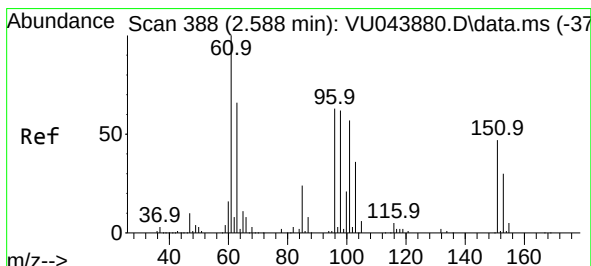
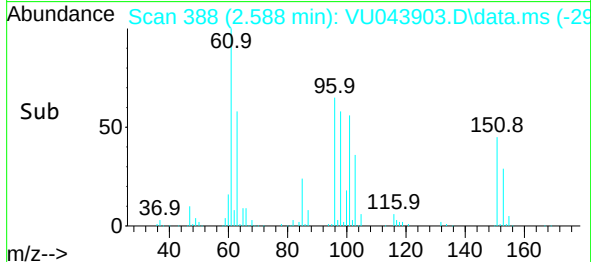
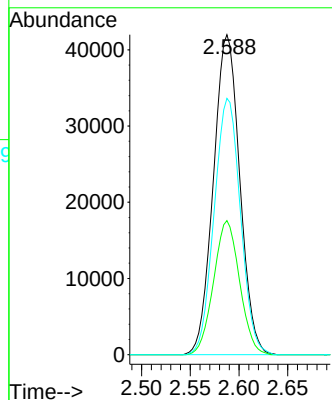
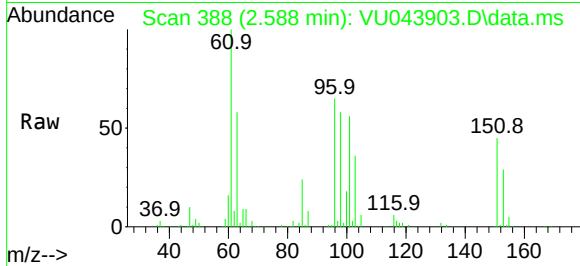




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.56 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

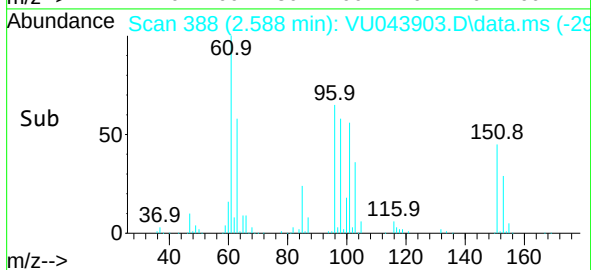
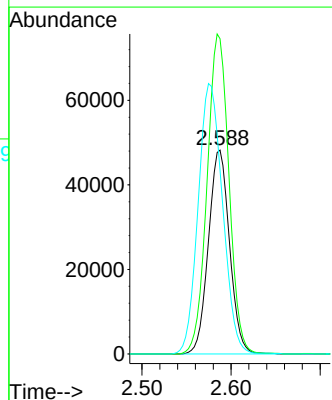
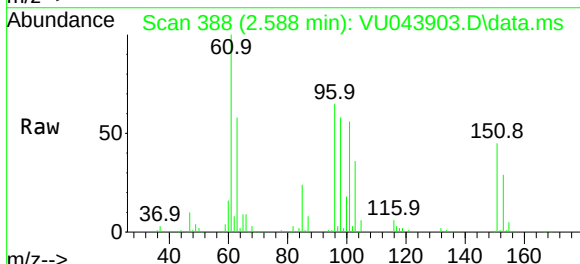
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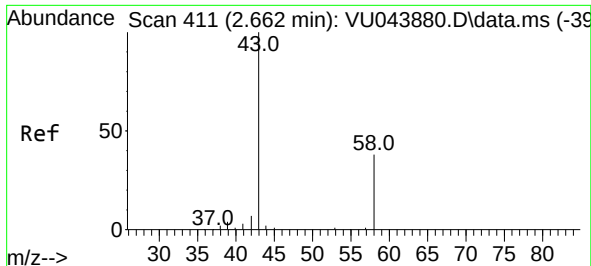
Tgt Ion:101 Resp: 79093
Ion Ratio Lower Upper
101 100
85 41.3 34.3 51.5
151 80.0 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.66 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 96 Resp: 79203
Ion Ratio Lower Upper
96 100
61 154.6 117.5 218.1
63 90.1 77.3 143.7

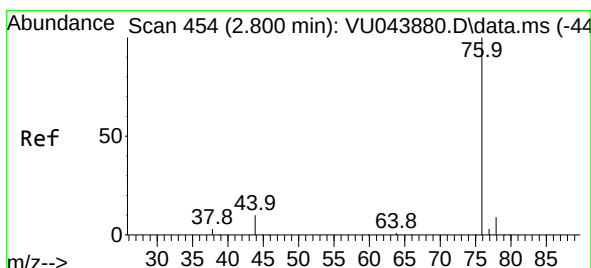
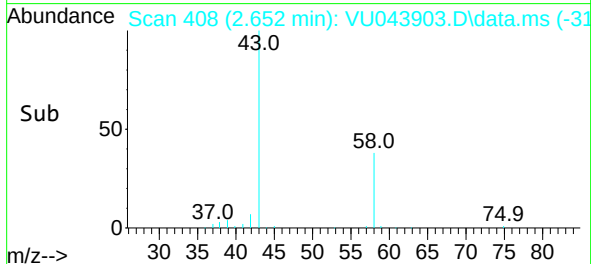
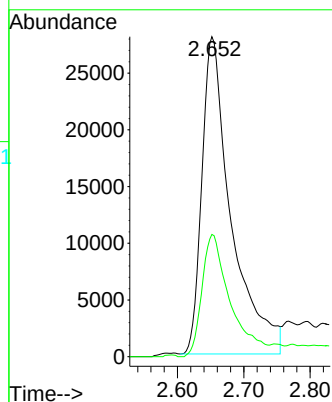
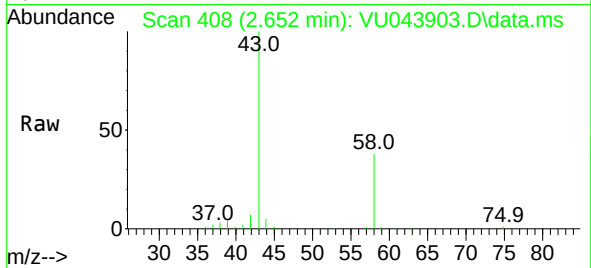




#13
Acetone
Concen: 45.43 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.010 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

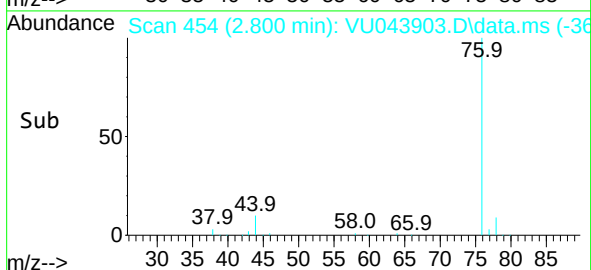
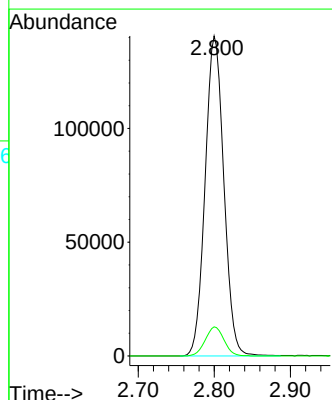
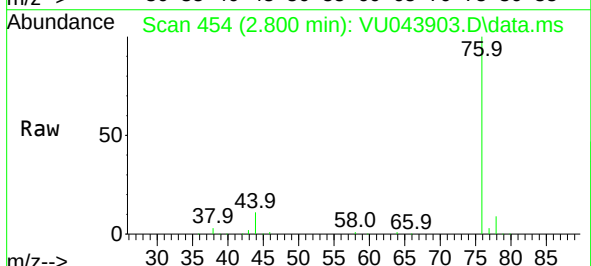
Instrument :
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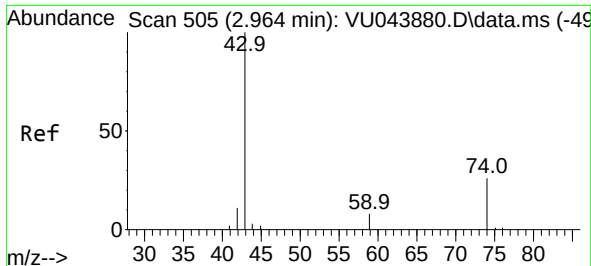
Tgt Ion: 43 Resp: 85685
Ion Ratio Lower Upper
43 100
58 37.5 0.0 71.6



#14
Carbon disulfide
Concen: 5.14 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 76 Resp: 240626
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

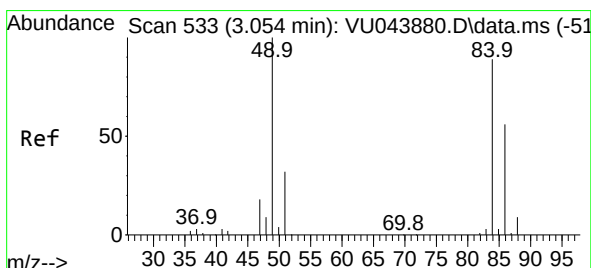
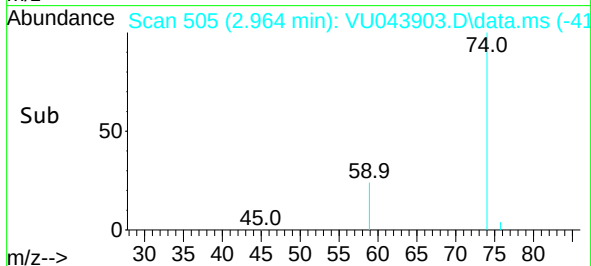
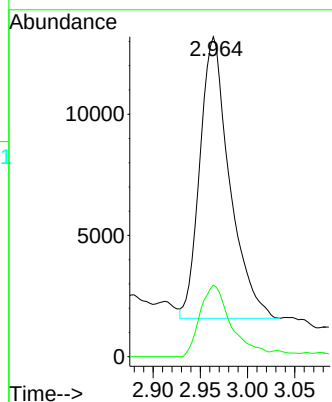
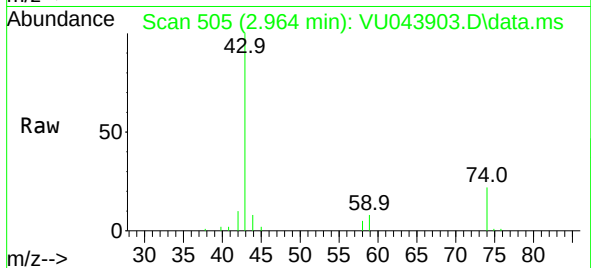




#15
Methyl Acetate
Concen: 4.52 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

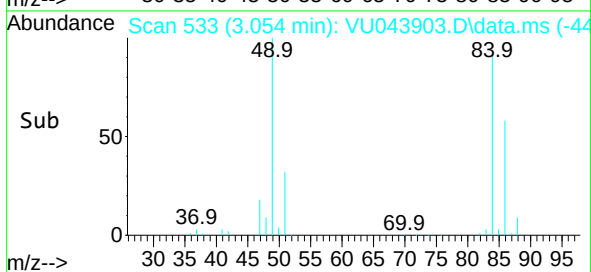
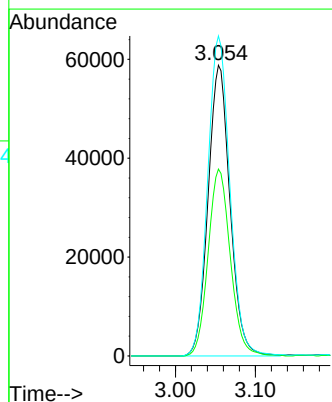
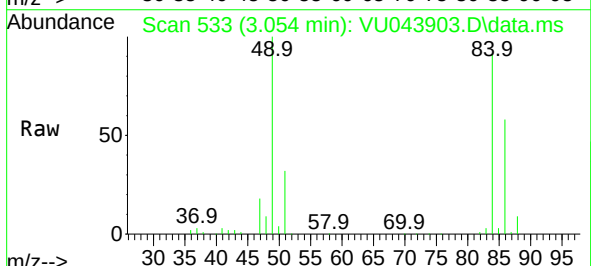
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

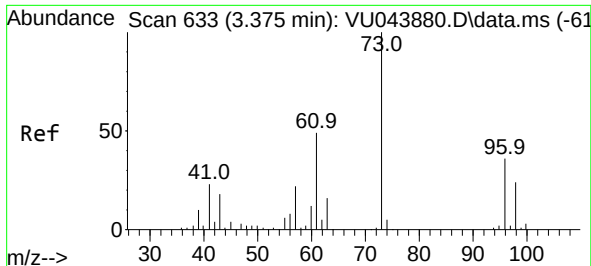
Tgt Ion: 43 Resp: 25365
Ion Ratio Lower Upper
43 100
74 26.7 19.3 28.9



#16
Methylene chloride
Concen: 5.40 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 84 Resp: 112153
Ion Ratio Lower Upper
84 100
86 64.3 44.7 82.9
49 110.1 83.1 154.3





#17

Methyl tert-butyl Ether

Concen: 5.09 ug/L

RT: 3.375 min Scan# 633

Delta R.T. -0.000 min

Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 73 Resp: 161186

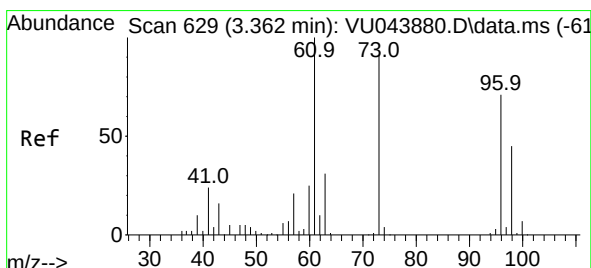
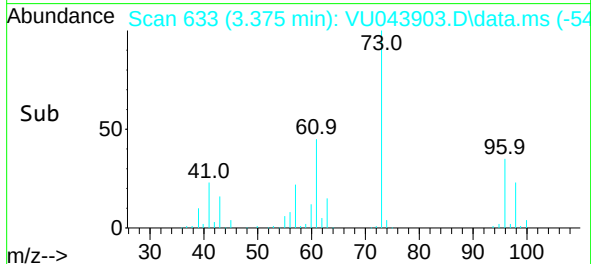
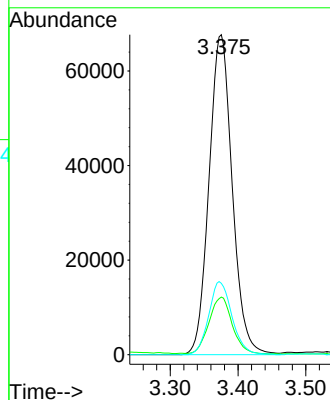
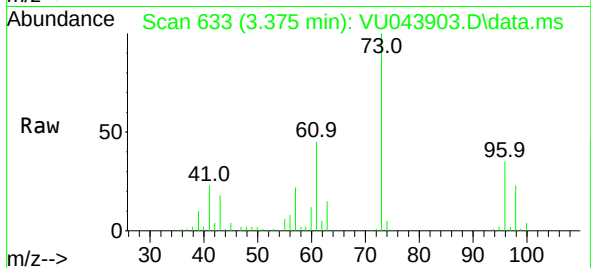
Ion	Ratio	Lower	Upper
73	100		
43	17.7	15.0	22.4
57	22.8	18.6	27.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD005153



#18

trans-1,2-Dichloroethene

Concen: 5.44 ug/L

RT: 3.362 min Scan# 629

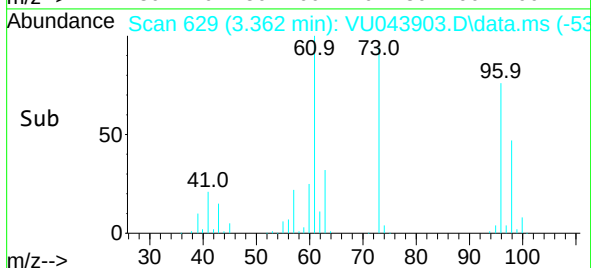
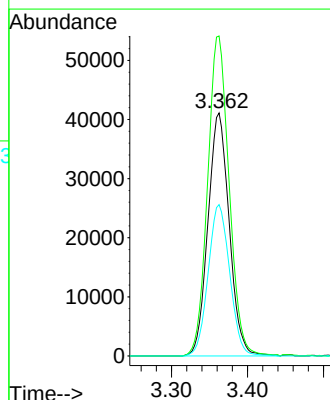
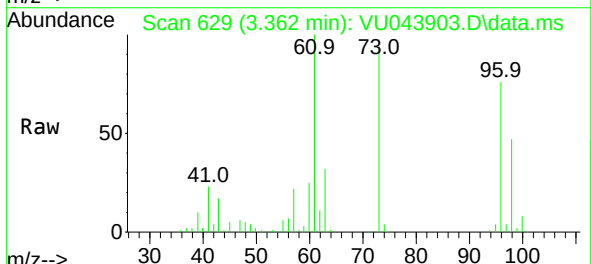
Delta R.T. -0.000 min

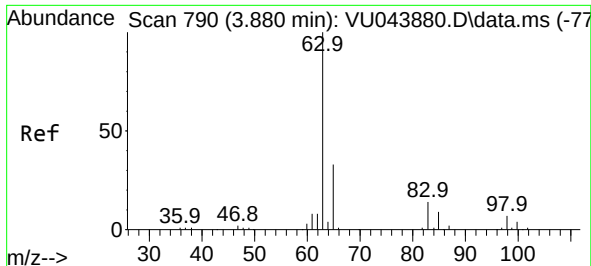
Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 96 Resp: 79954

Ion	Ratio	Lower	Upper
96	100		
61	131.7	99.6	185.0
98	62.3	43.8	81.4





#19

1,1-Dichloroethane

Concen: 5.40 ug/L

RT: 3.880 min Scan# 790

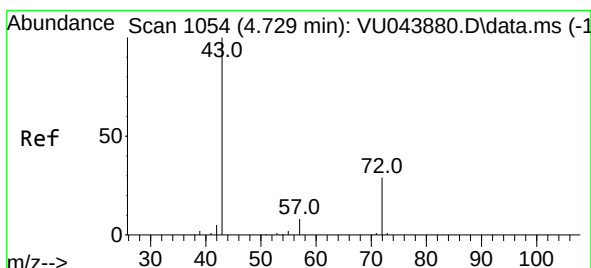
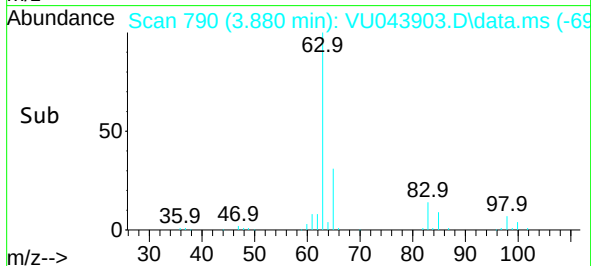
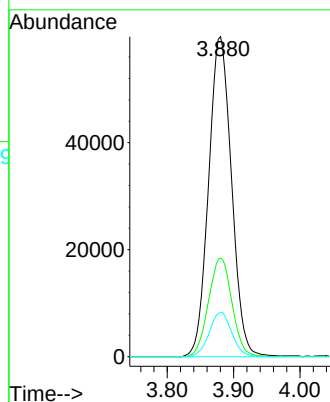
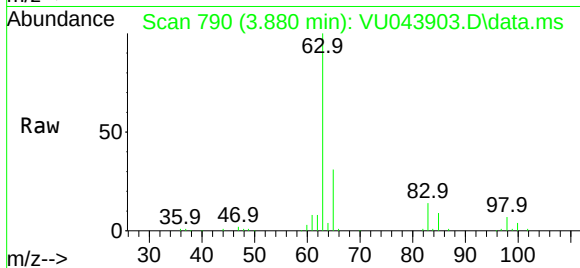
Delta R.T. -0.000 min

Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 63 Resp: 143415

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.3	41.3
83	13.9	9.0	16.8



#21

2-Butanone

Concen: 45.26 ug/L

RT: 4.723 min Scan# 1052

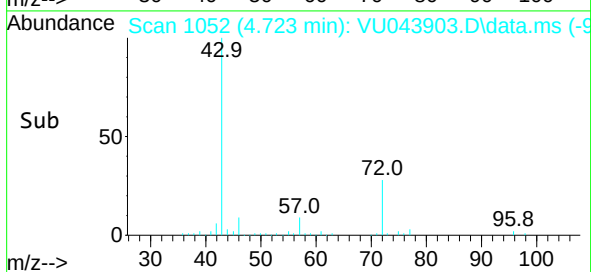
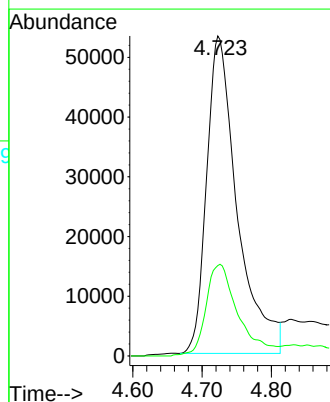
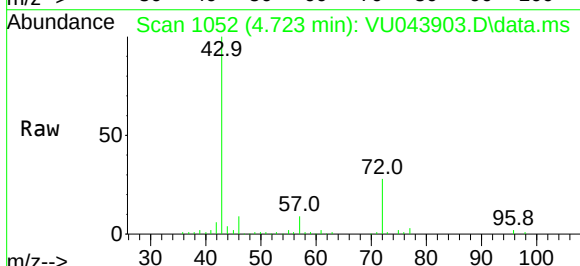
Delta R.T. -0.006 min

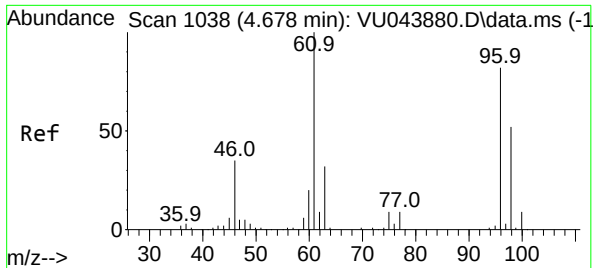
Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 43 Resp: 163241

Ion	Ratio	Lower	Upper
43	100		
72	30.5	14.5	43.6

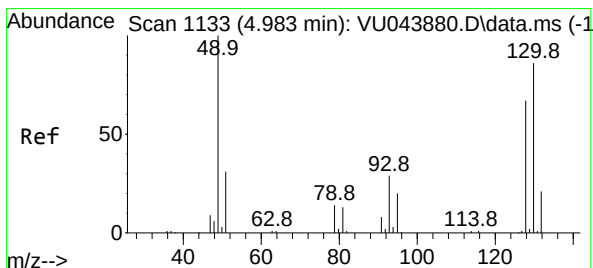
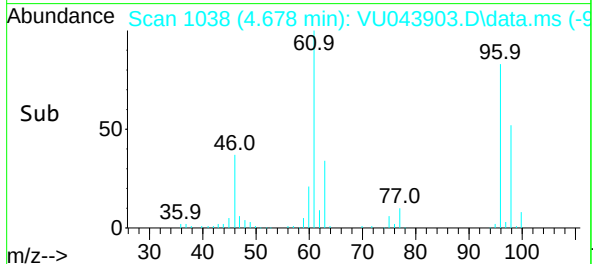
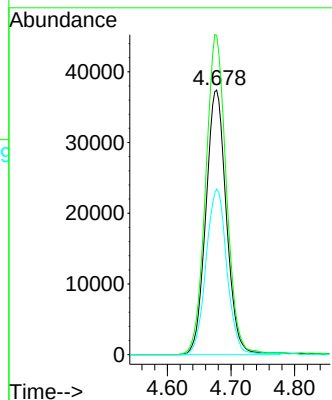
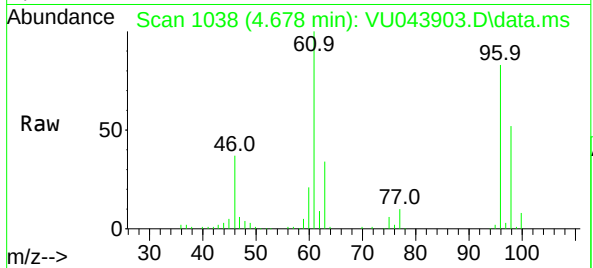




#22
cis-1,2-Dichloroethene
Concen: 5.43 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

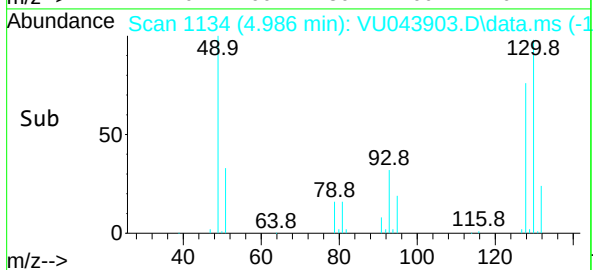
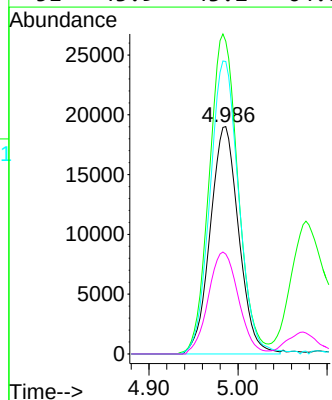
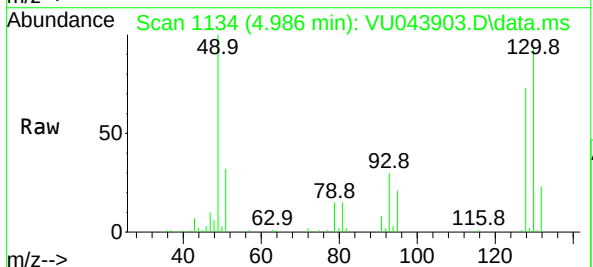
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

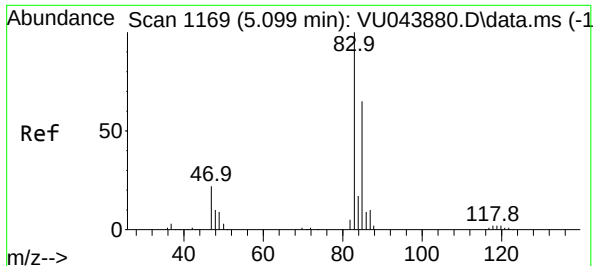
Tgt Ion: 96 Resp: 83890
Ion Ratio Lower Upper
96 100
61 120.7 89.0 165.4
98 62.6 44.9 83.3



#23
Bromochloromethane
Concen: 5.80 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 128 Resp: 42200
Ion Ratio Lower Upper
128 100
49 137.5 114.7 212.9
130 128.7 91.7 170.3
51 43.9 43.2 64.8





#25

Chloroform

Concen: 5.64 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 83 Resp: 148149

Ion Ratio Lower Upper

83 100

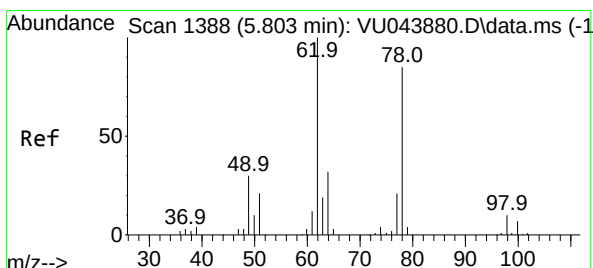
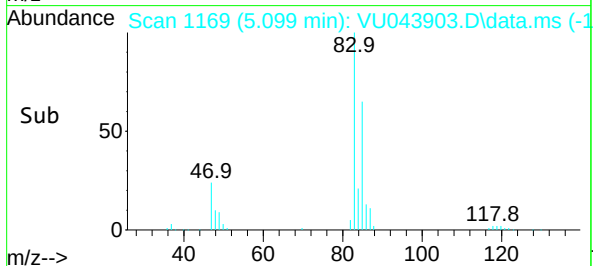
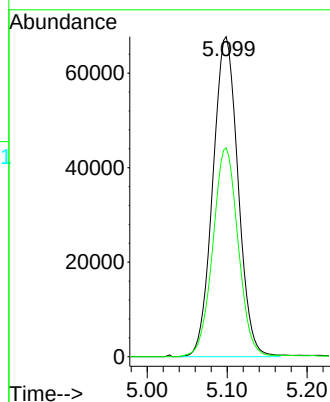
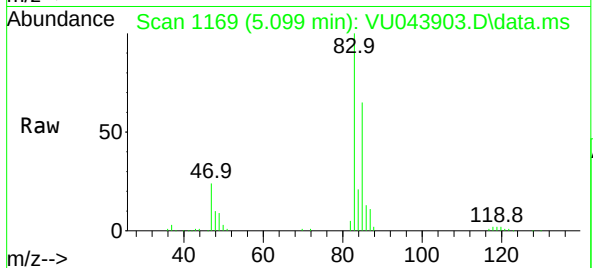
85 65.2 45.0 83.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD005153



#27

1,2-Dichloroethane

Concen: 5.36 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VU043903.D

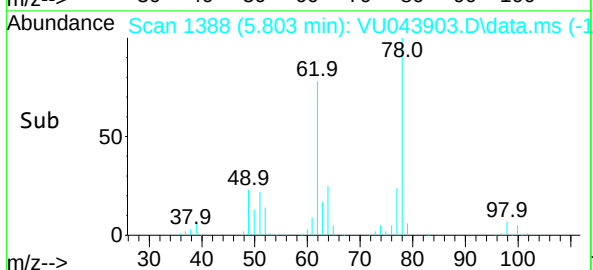
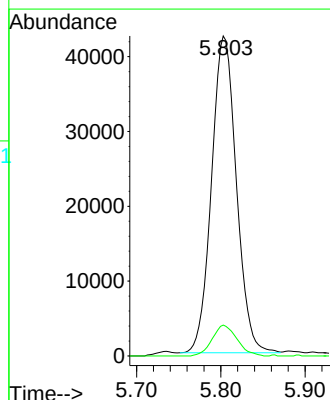
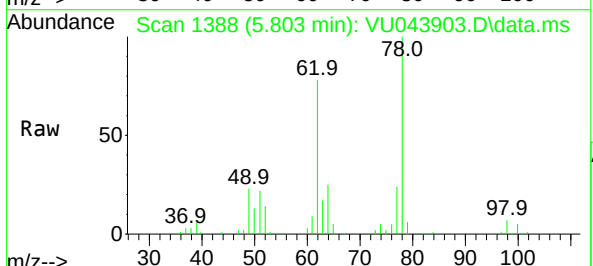
Acq: 21 May 2021 20:46

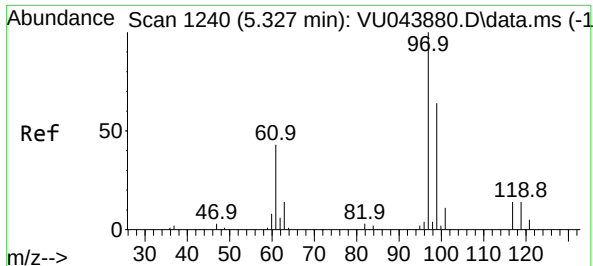
Tgt Ion: 62 Resp: 86772

Ion Ratio Lower Upper

62 100

98 9.7 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.54 ug/L

RT: 5.327 min Scan# 1240

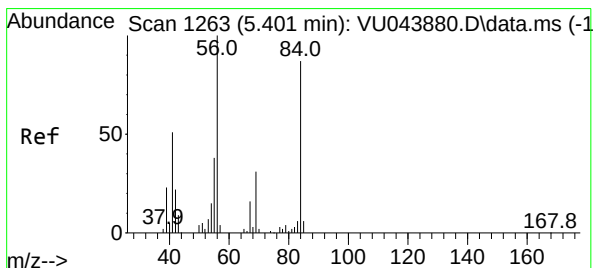
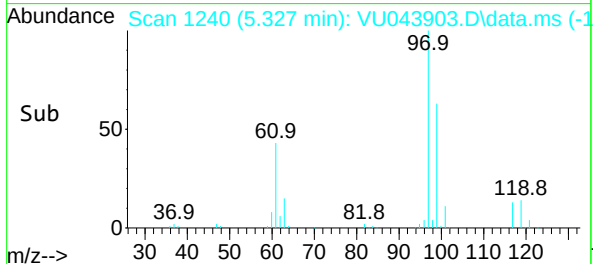
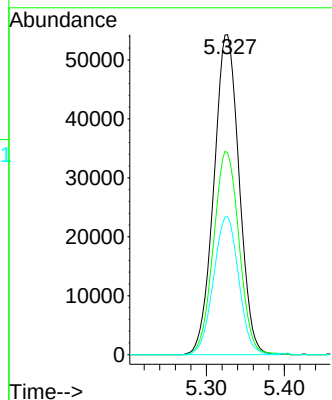
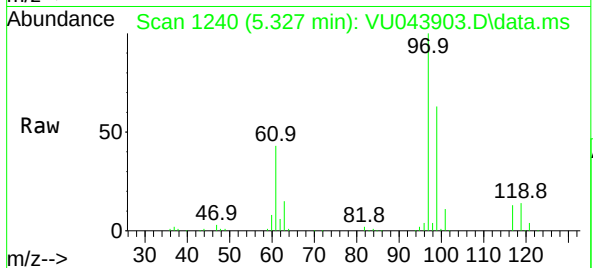
Delta R.T. -0.000 min

Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 97 Resp: 122214

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	43.1	37.0	55.4



#30

Cyclohexane

Concen: 4.81 ug/L

RT: 5.398 min Scan# 1262

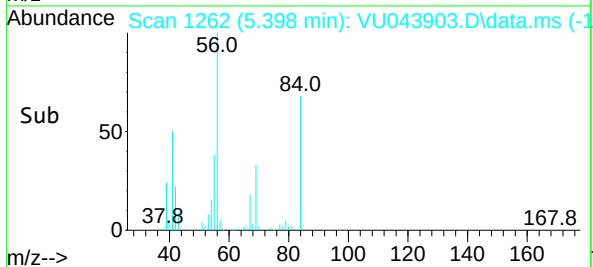
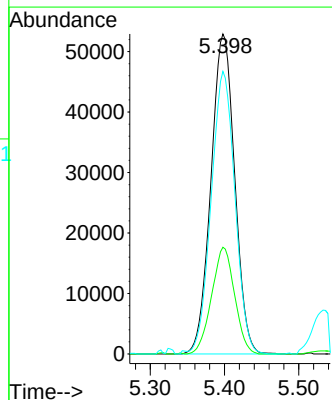
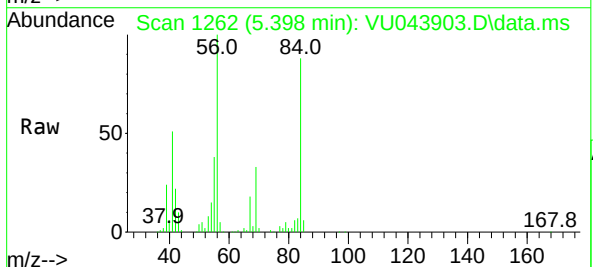
Delta R.T. -0.003 min

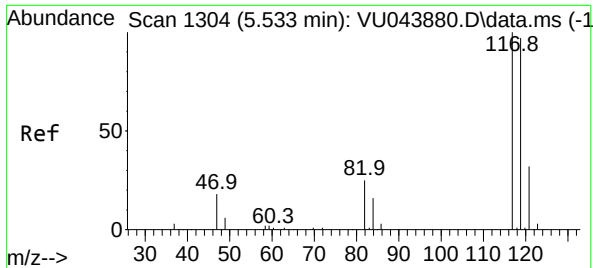
Lab File: VU043903.D

Acq: 21 May 2021 20:46

Tgt Ion: 56 Resp: 117704

Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.8	37.2
84	88.5	66.8	100.2

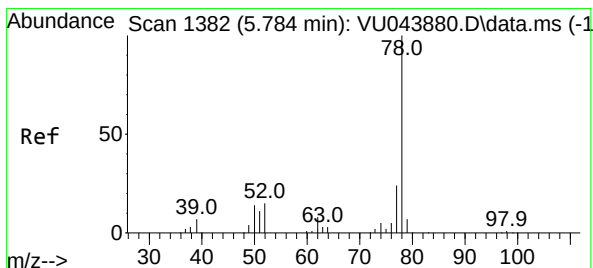
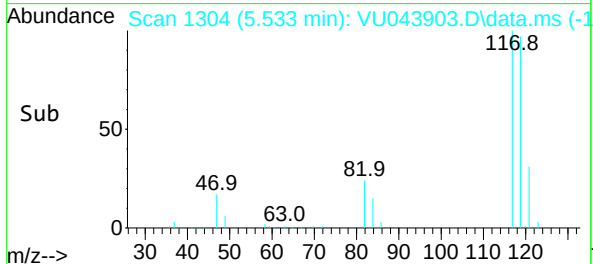
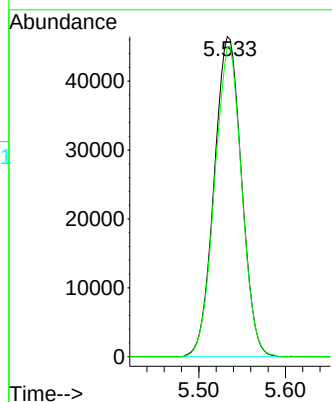
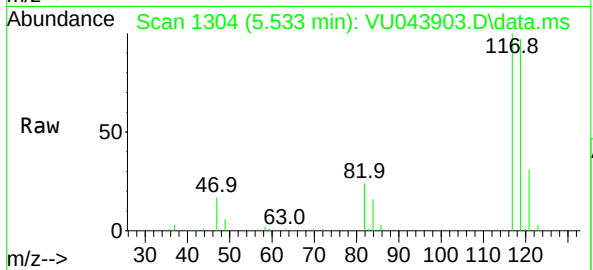




#31
Carbon tetrachloride
Concen: 5.53 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

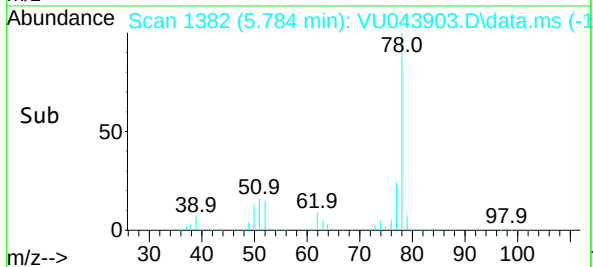
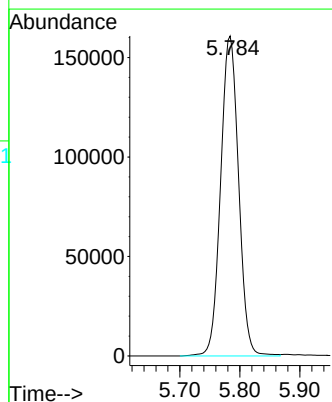
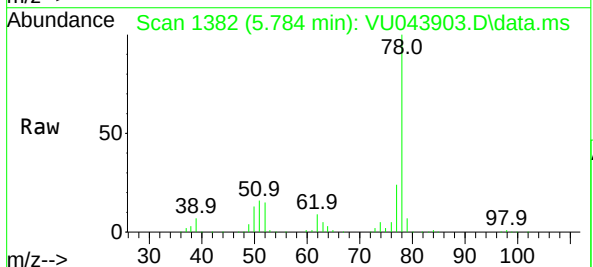
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

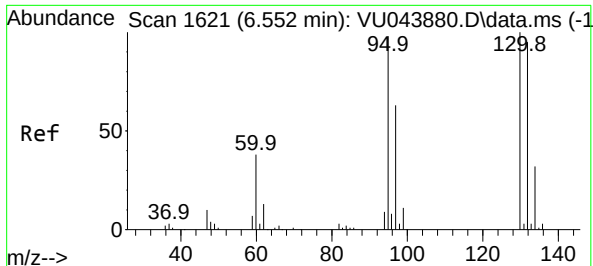
Tgt Ion:117 Resp: 101948
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0



#33
Benzene
Concen: 5.45 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 78 Resp: 333650



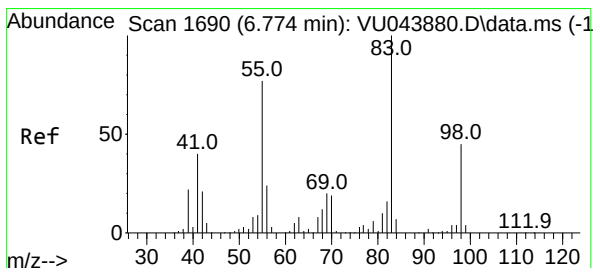
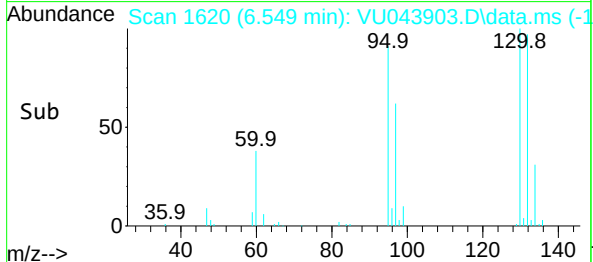
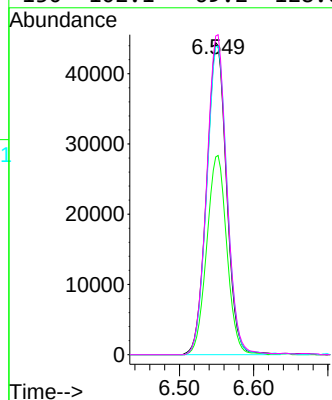
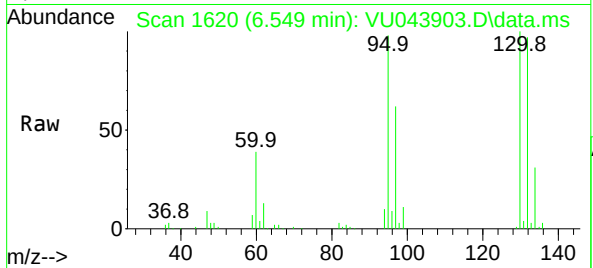


#34
Trichloroethene
Concen: 5.27 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

Tgt Ion: 95 Resp: 82744

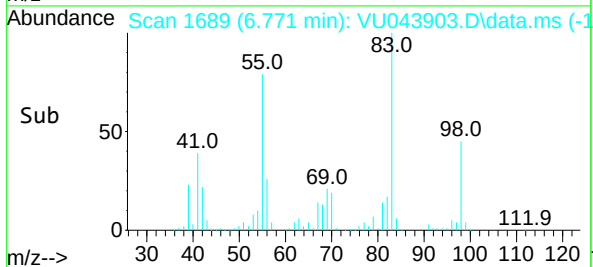
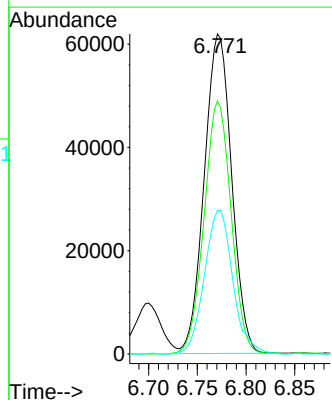
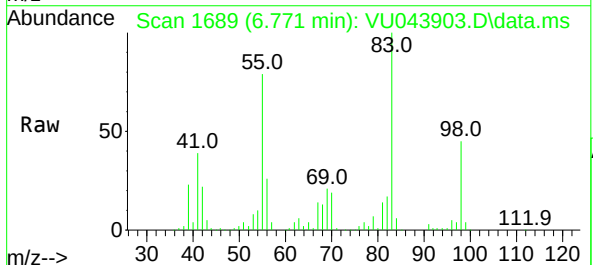
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.3	82.3
132	98.6	66.0	122.6
130	102.1	69.2	128.6

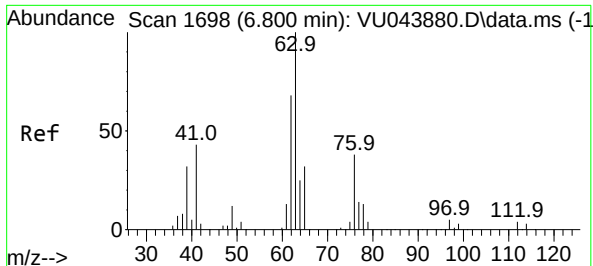


#35
Methylcyclohexane
Concen: 4.95 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 83 Resp: 120981

Ion	Ratio	Lower	Upper
83	100		
55	78.2	64.8	97.2
98	46.4	35.9	53.9





#37

1,2-Dichloropropane

Concen: 5.30 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VU043903.D

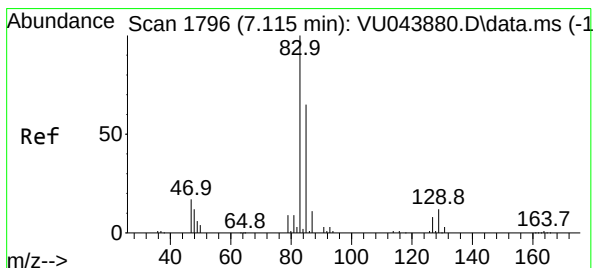
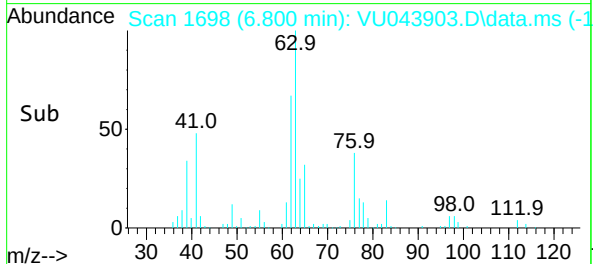
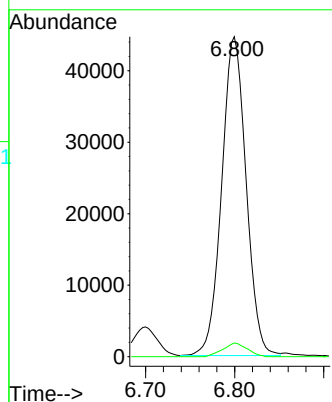
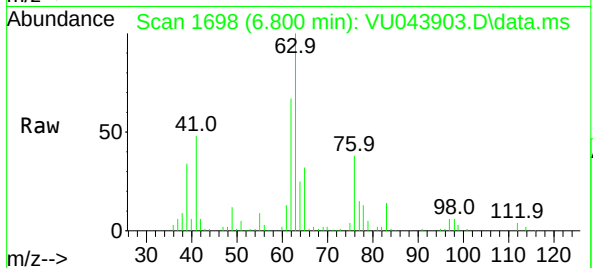
Acq: 21 May 2021 20:46

Tgt Ion: 63 Resp: 84912

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 5.48 ug/L

RT: 7.115 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VU043903.D

Acq: 21 May 2021 20:46

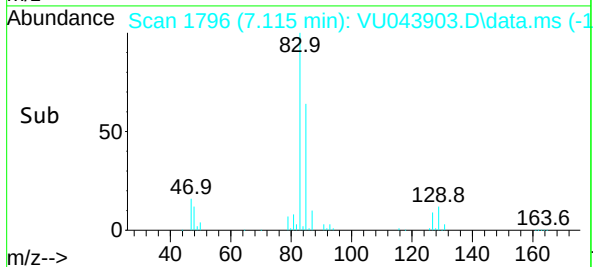
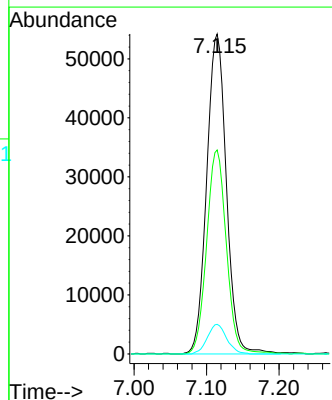
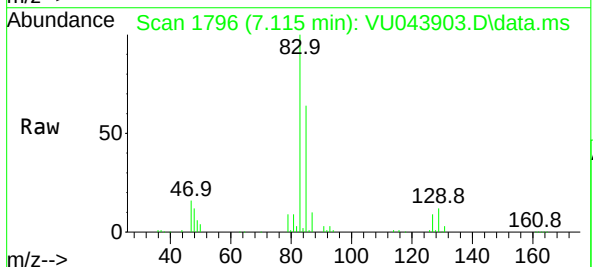
Tgt Ion: 83 Resp: 102334

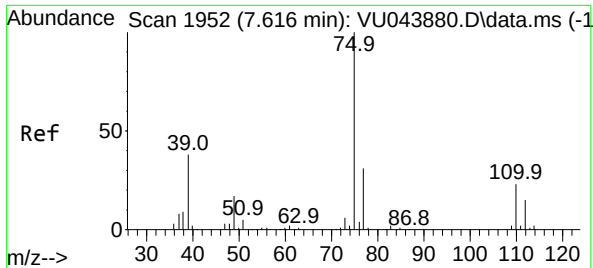
Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

127 9.3 7.0 10.4

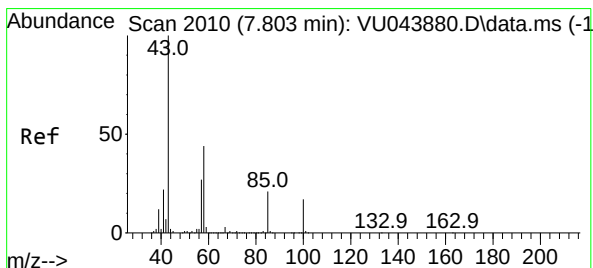
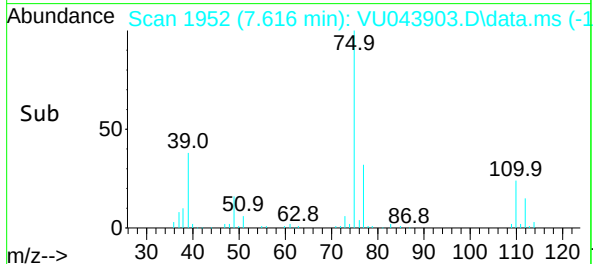
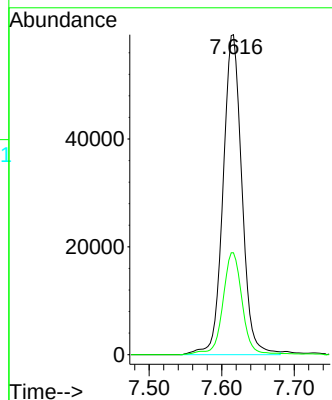
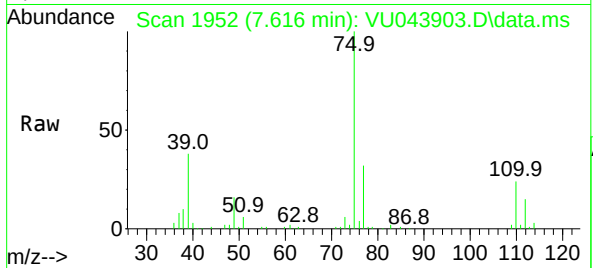




#39
 cis-1,3-Dichloropropene
 Concen: 5.03 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU043903.D
 Acq: 21 May 2021 20:46

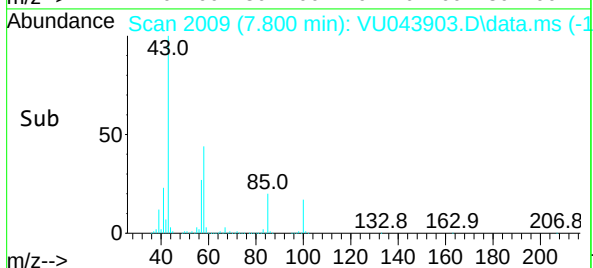
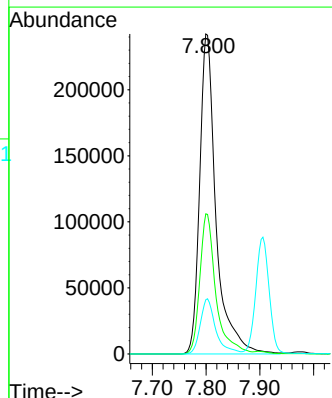
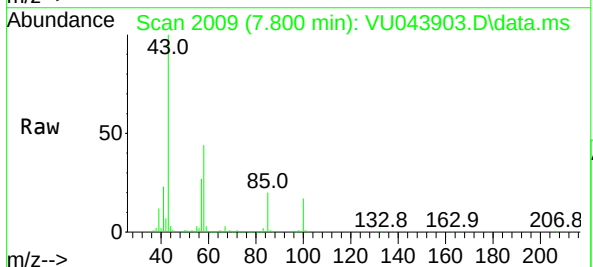
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005153

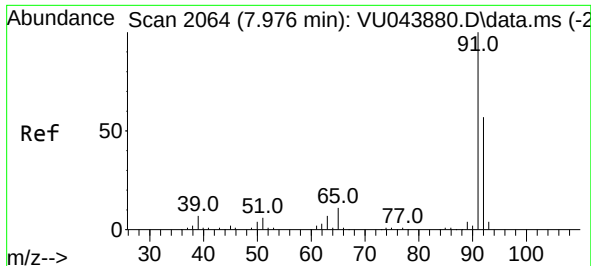
Tgt Ion: 75 Resp: 107085
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.14 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU043903.D
 Acq: 21 May 2021 20:46

Tgt Ion: 43 Resp: 512164
 Ion Ratio Lower Upper
 43 100
 58 43.0 32.8 49.2
 100 16.4 11.9 17.9

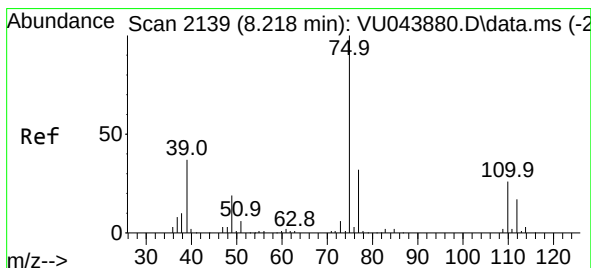
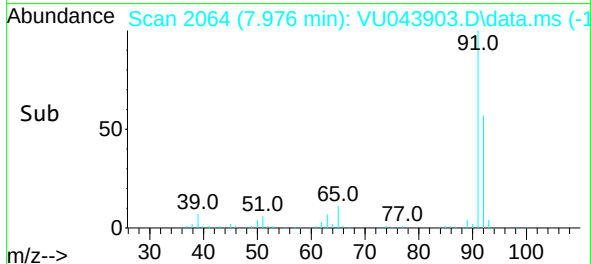
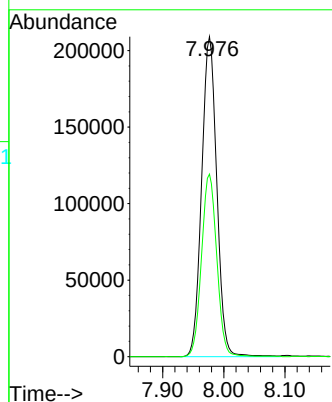
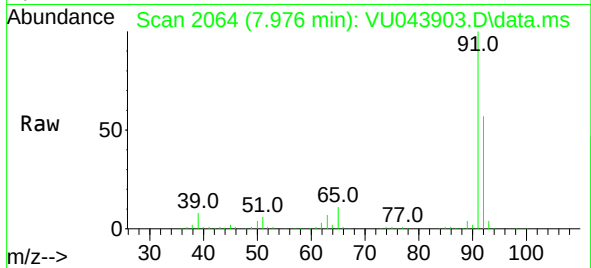




#42
Toluene
Concen: 5.60 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

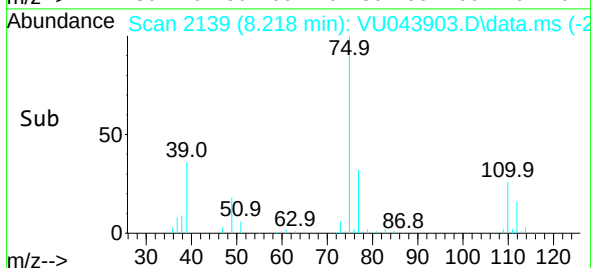
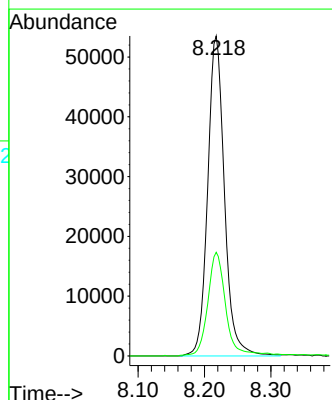
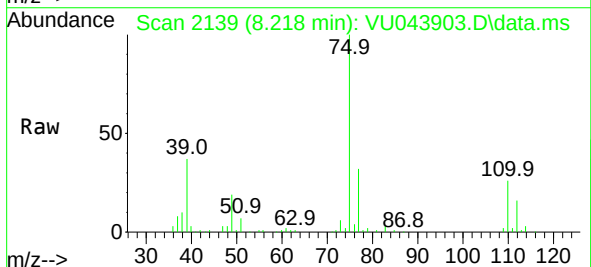
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

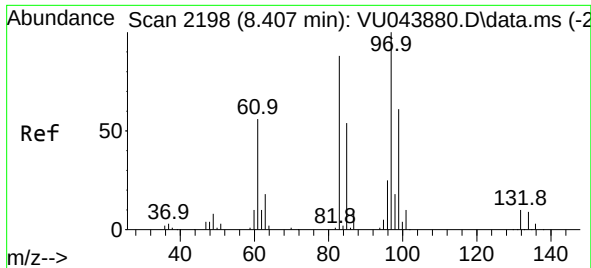
Tgt Ion: 91 Resp: 359920
Ion Ratio Lower Upper
91 100
92 57.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 5.13 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 75 Resp: 94131
Ion Ratio Lower Upper
75 100
77 32.4 21.5 39.9

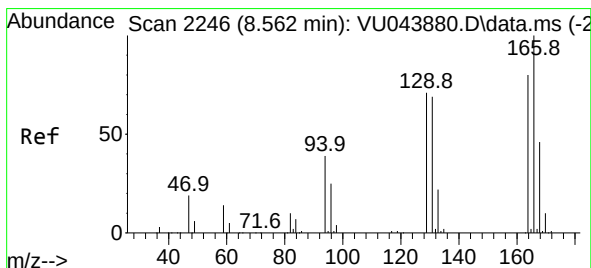
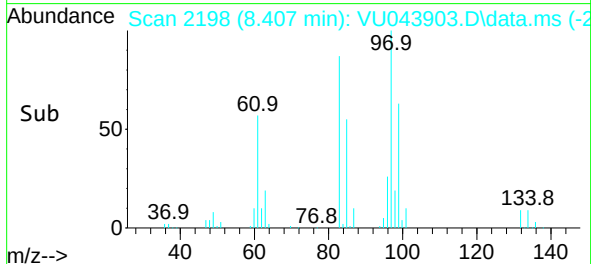
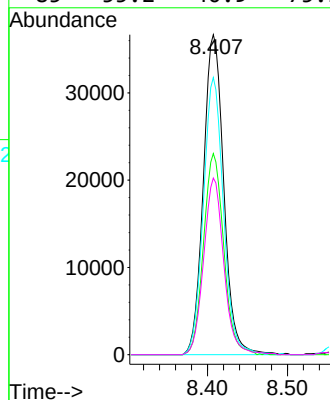
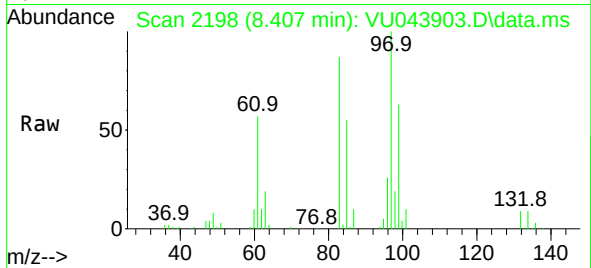




#45
1,1,2-Trichloroethane
Concen: 5.66 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

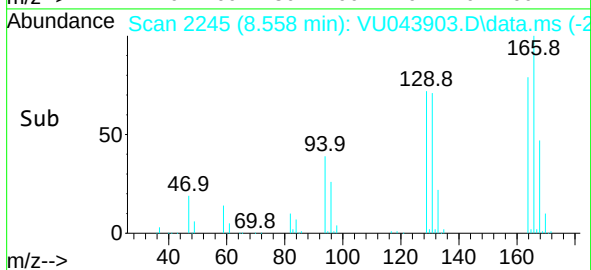
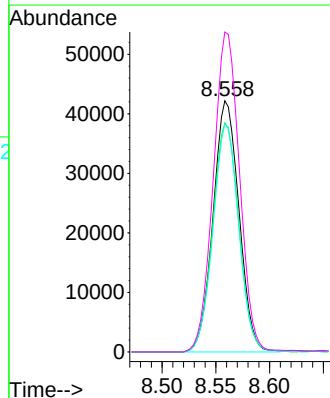
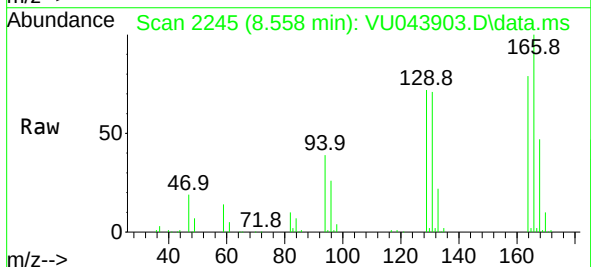
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

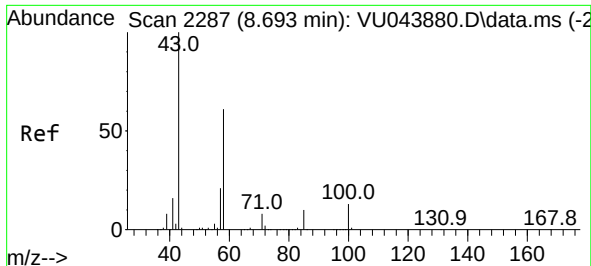
Tgt Ion:	97	Resp:	65211
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.4
83	86.6	62.5	116.1
85	55.2	40.9	75.9



#47
Tetrachloroethene
Concen: 5.57 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

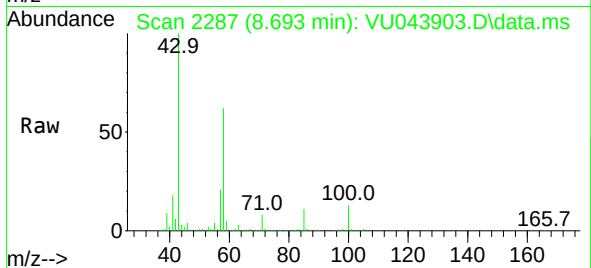
Tgt Ion:	164	Resp:	70778
Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.1	119.1
131	90.7	61.2	113.8
166	127.4	87.8	163.2



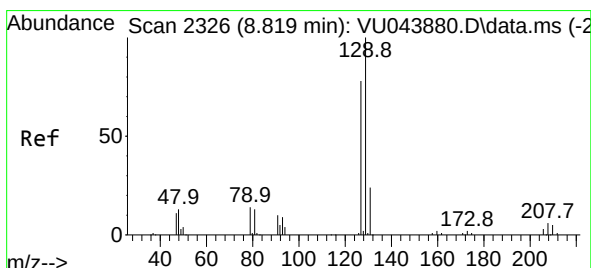
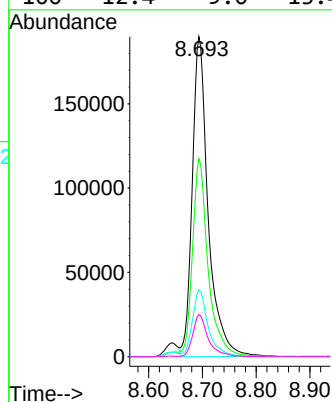
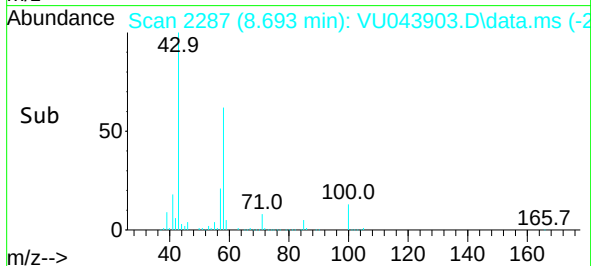


#48
2-Hexanone
Concen: 51.49 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

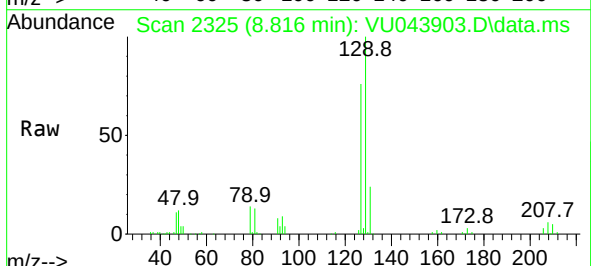
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153



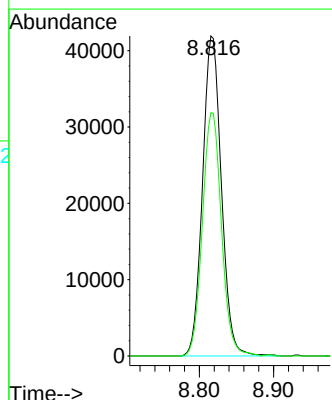
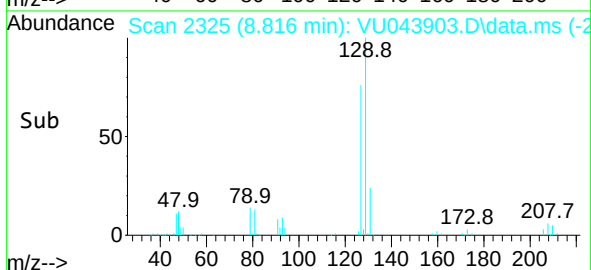
Tgt Ion: 43 Resp: 390170
Ion Ratio Lower Upper
43 100
58 61.0 47.0 70.4
57 21.1 15.8 23.8
100 12.4 9.0 13.4

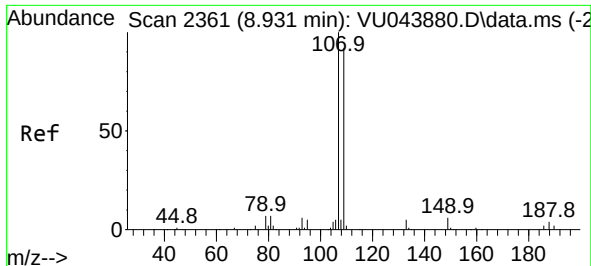


#49
Dibromochloromethane
Concen: 5.75 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46



Tgt Ion: 129 Resp: 73800
Ion Ratio Lower Upper
129 100
127 76.1 53.4 99.2

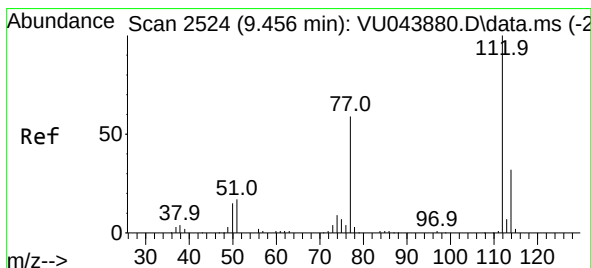
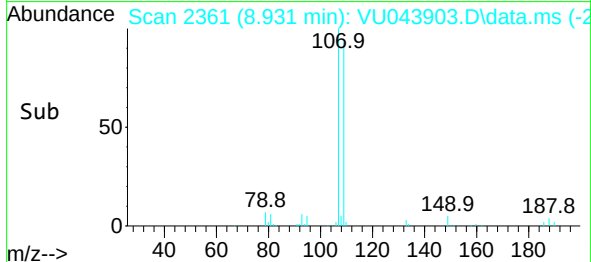
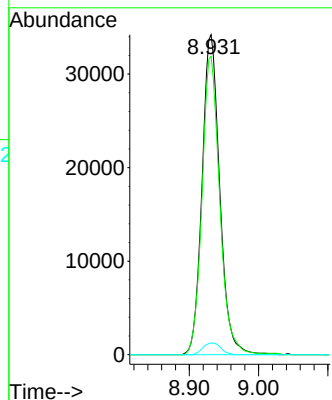
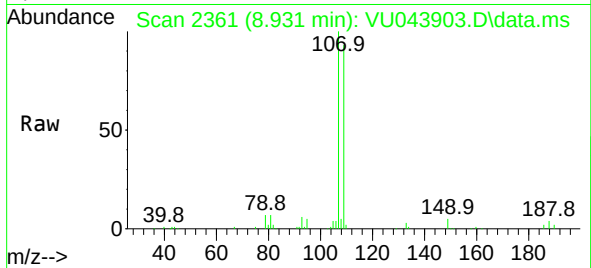




#50
1,2-Dibromoethane
Concen: 5.60 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

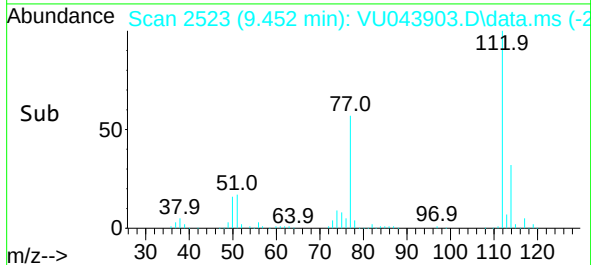
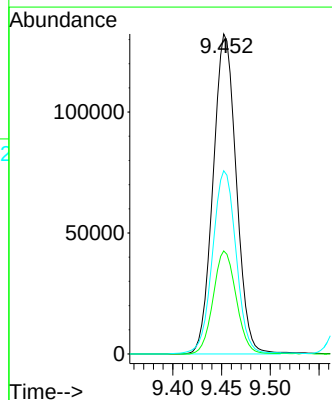
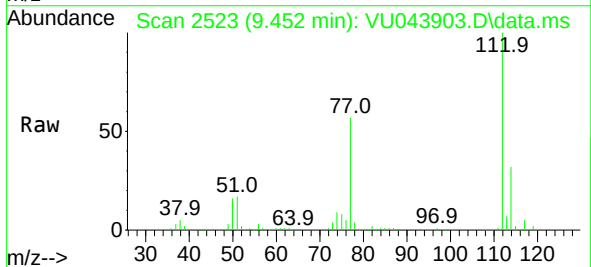
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

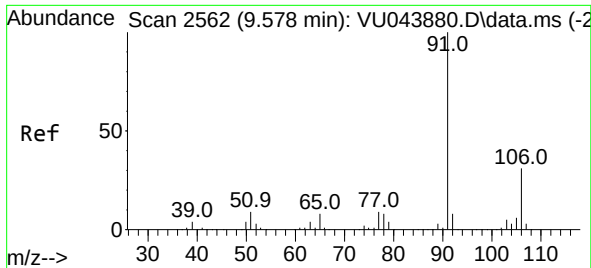
Tgt Ion:107 Resp: 60616
Ion Ratio Lower Upper
107 100
109 93.2 67.7 125.7
188 3.7 3.3 4.9



#51
Chlorobenzene
Concen: 5.44 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion:112 Resp: 218683
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 57.3 47.8 71.8

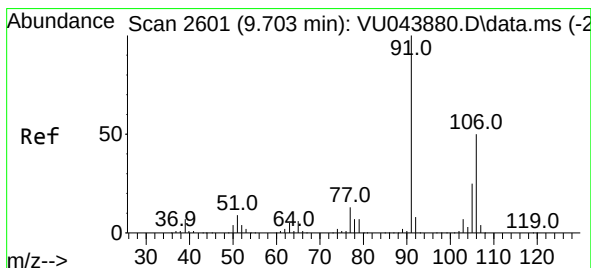
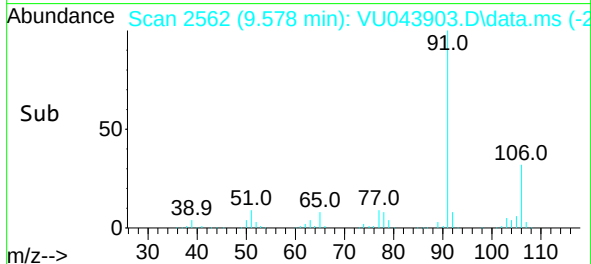
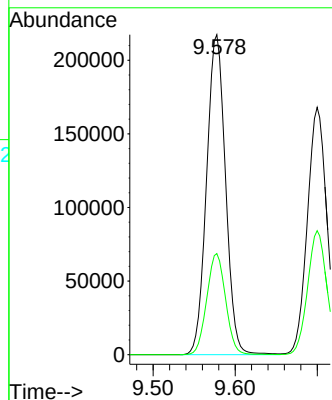
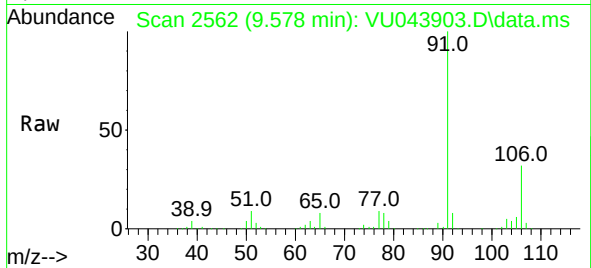




#52
Ethylbenzene
Concen: 5.30 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

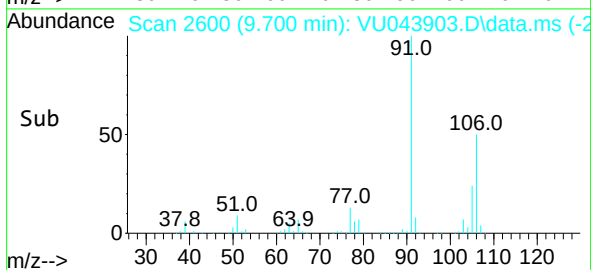
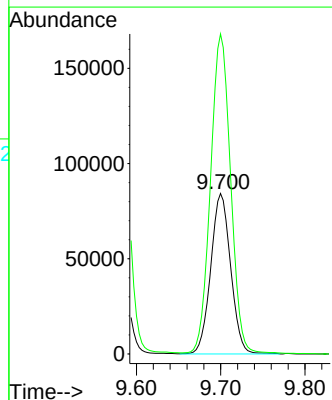
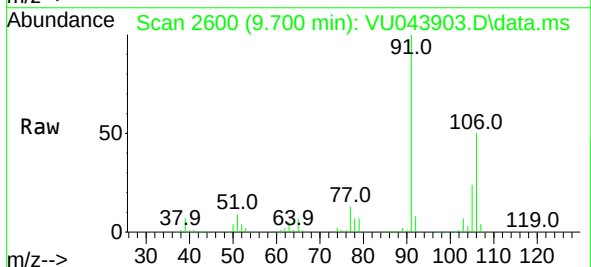
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

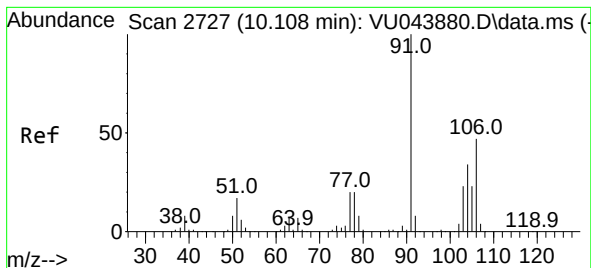
Tgt Ion: 91 Resp: 348970
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.52 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 106 Resp: 138284
Ion Ratio Lower Upper
106 100
91 199.5 144.4 268.2

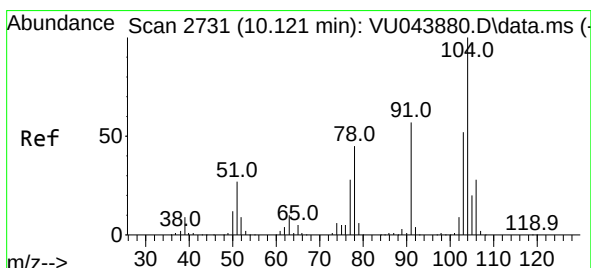
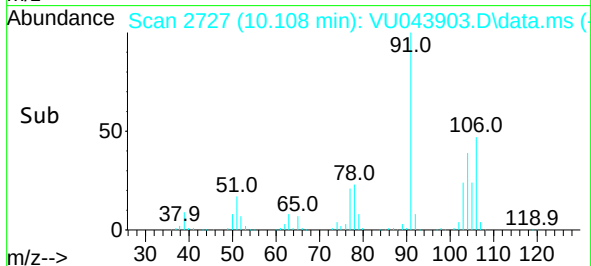
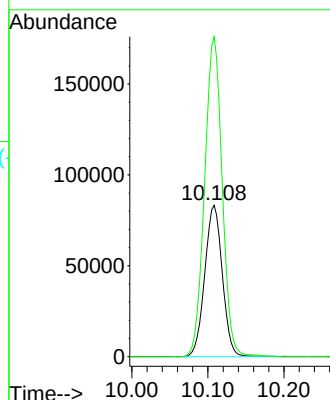
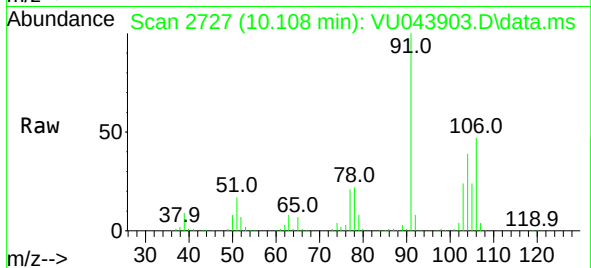




#54
o-Xylene
Concen: 5.60 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

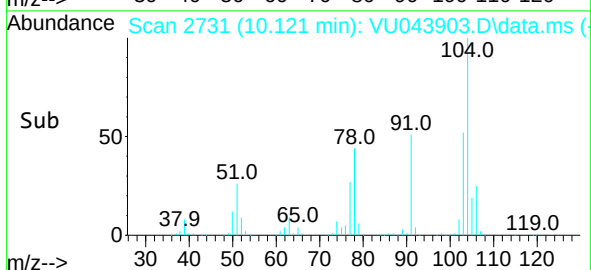
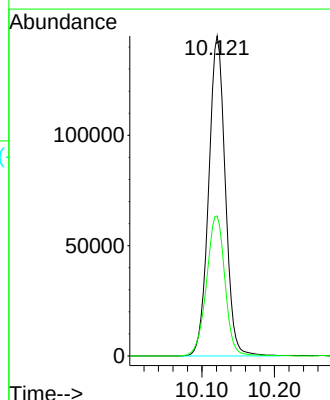
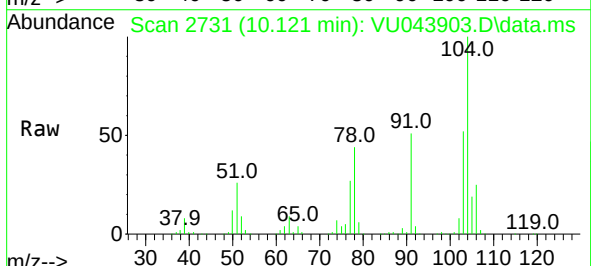
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

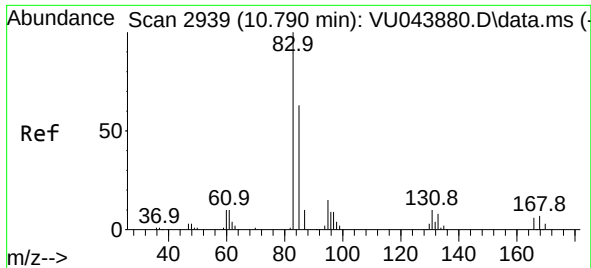
Tgt Ion:106 Resp: 133831
Ion Ratio Lower Upper
106 100
91 211.4 150.8 280.0



#55
Styrene
Concen: 5.73 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion:104 Resp: 231139
Ion Ratio Lower Upper
104 100
78 43.8 31.8 59.0

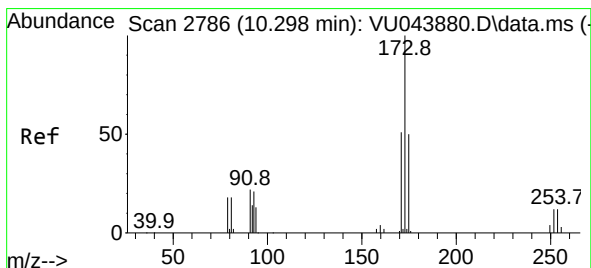
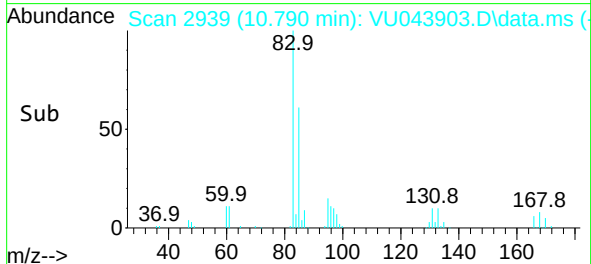
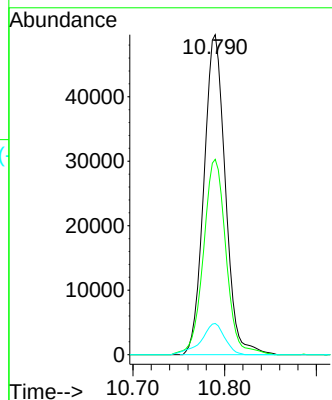
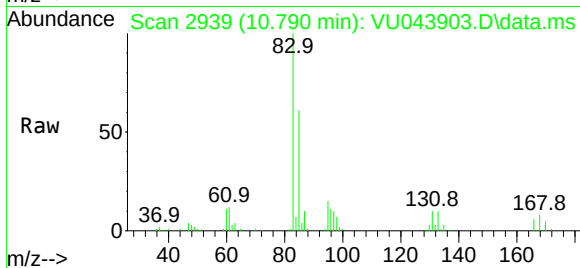




#57
1,1,2,2-Tetrachloroethane
Concen: 5.50 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

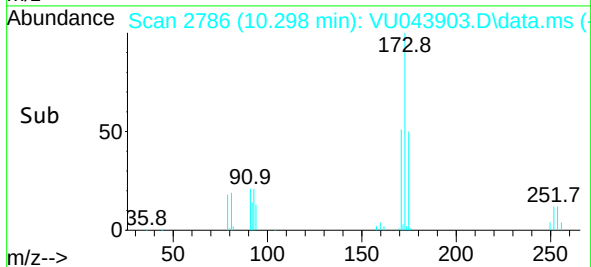
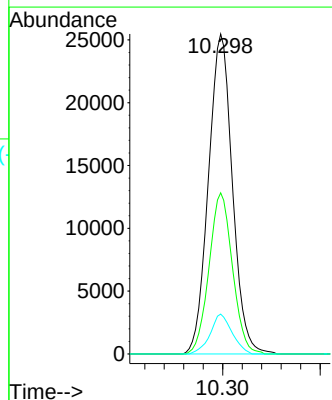
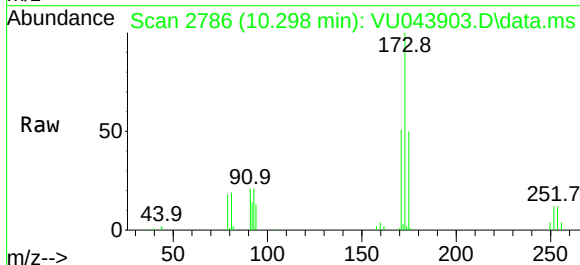
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

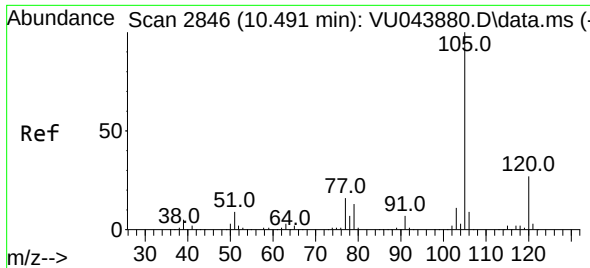
Tgt Ion:	83	Resp:	80439
Ion	Ratio	Lower	Upper
83	100		
85	61.1	45.1	83.7
131	9.7	7.6	11.4



#59
Bromoform
Concen: 5.48 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion:	173	Resp:	43471
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.8	58.2
254	11.4	9.4	14.2

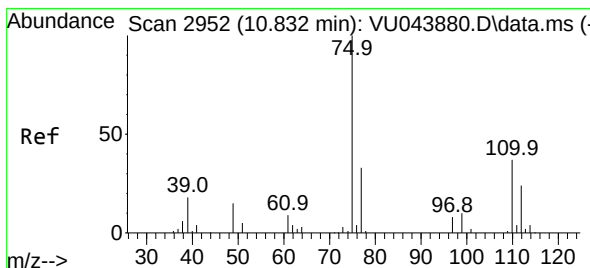
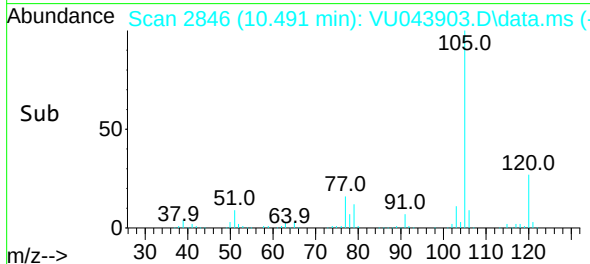
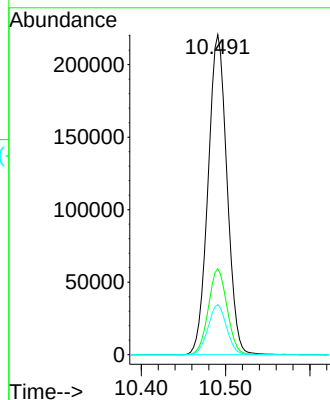
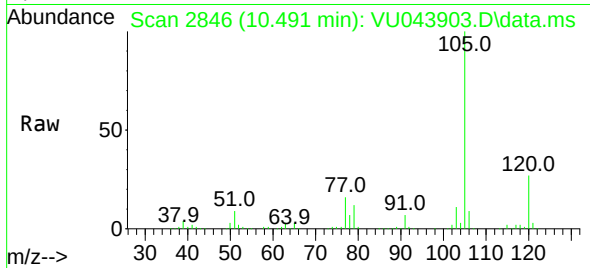




#60
Isopropylbenzene
Concen: 5.32 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

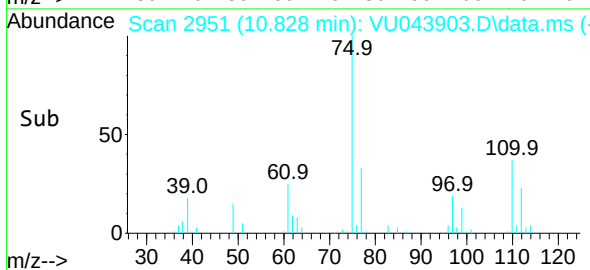
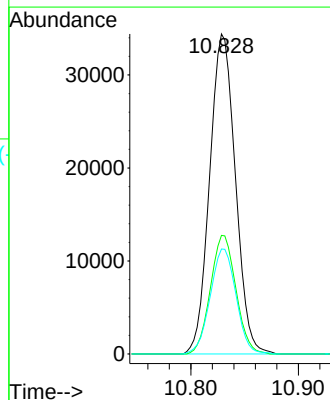
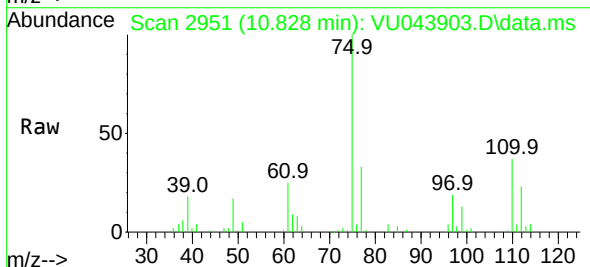
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

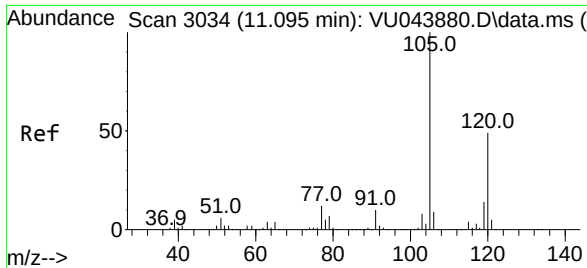
Tgt Ion:105 Resp: 344134
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.09 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 75 Resp: 57224
Ion Ratio Lower Upper
75 100
110 36.7 27.9 41.9
77 32.9 25.9 38.9

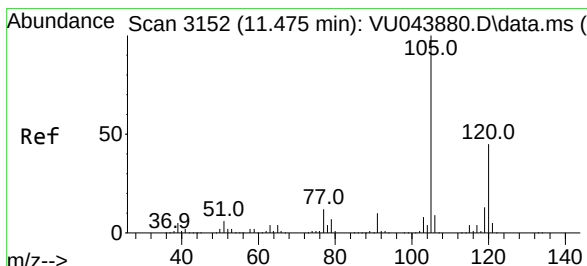
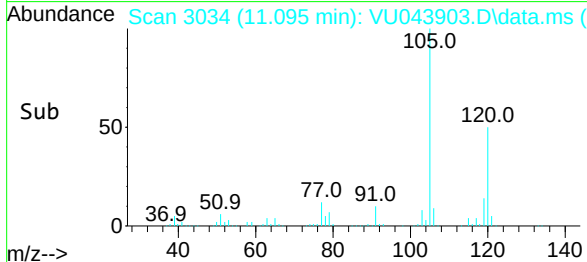
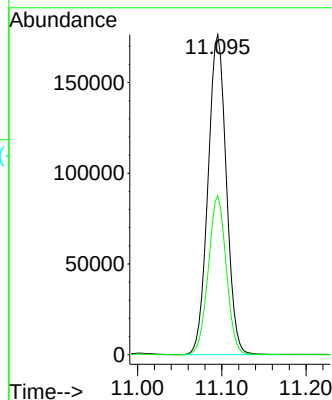
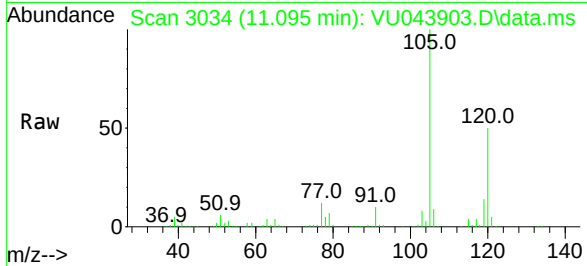




#62
1,3,5-Trimethylbenzene
Concen: 5.13 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

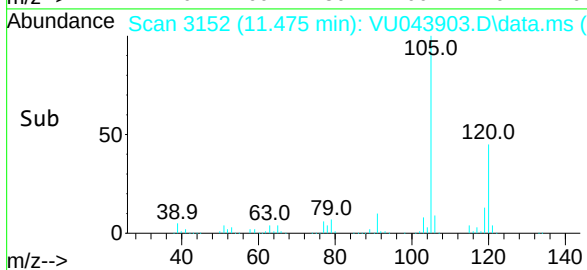
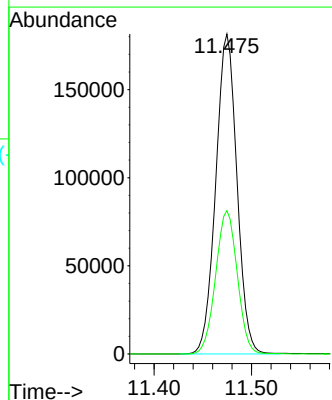
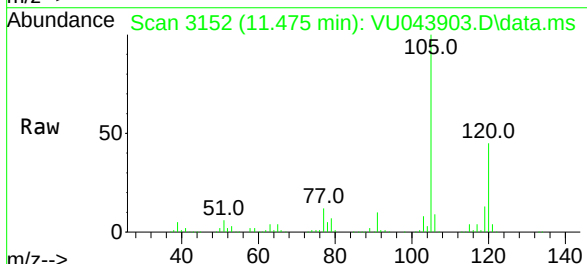
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

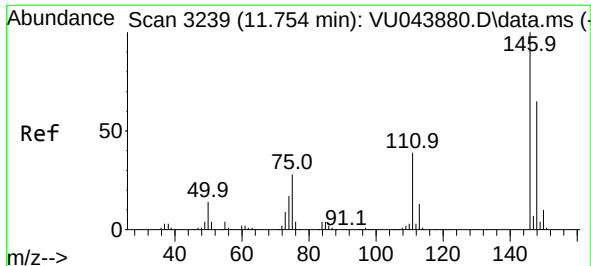
Tgt Ion:105 Resp: 266933
Ion Ratio Lower Upper
105 100
120 48.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.13 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion:105 Resp: 273824
Ion Ratio Lower Upper
105 100
120 45.8 36.0 54.0

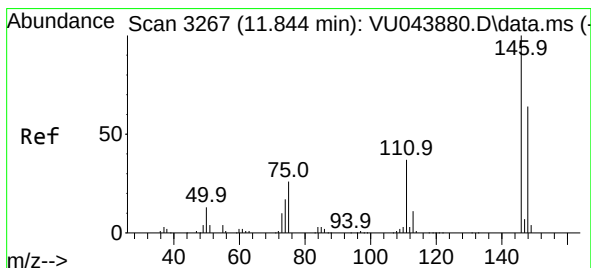
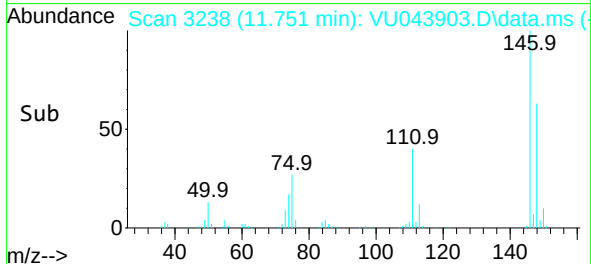
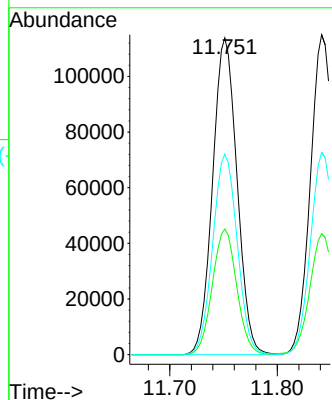
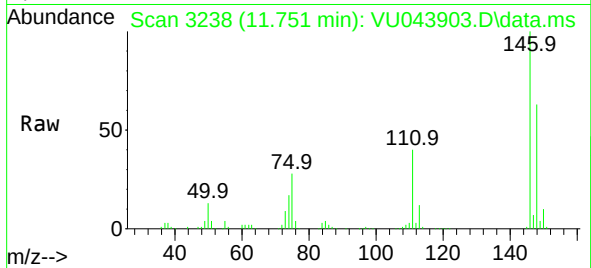




#64
1,3-Dichlorobenzene
Concen: 5.39 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

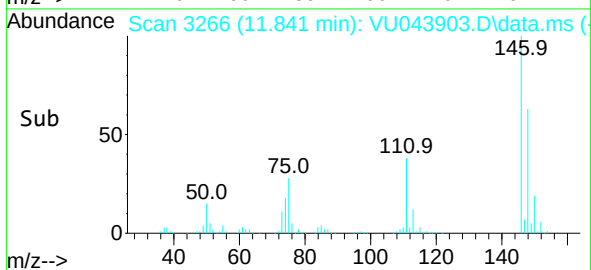
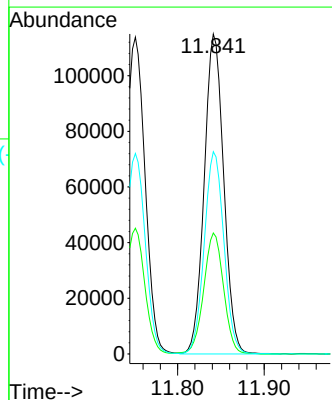
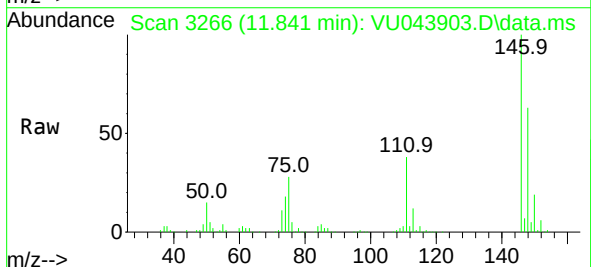
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

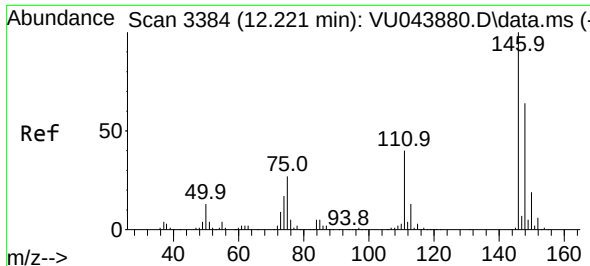
Tgt Ion:146 Resp: 179631
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.1
148 63.3 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.37 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion:146 Resp: 179860
Ion Ratio Lower Upper
146 100
111 37.8 27.0 50.2
148 63.2 45.0 83.6

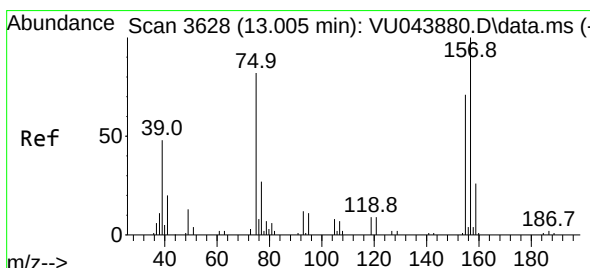
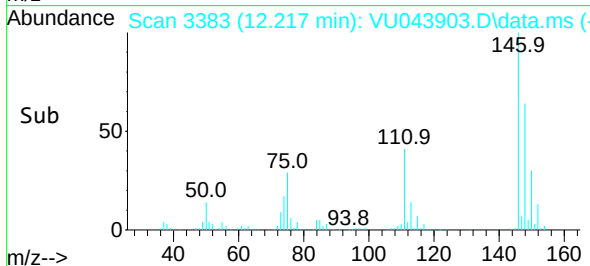
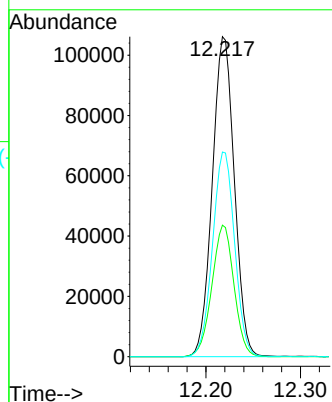
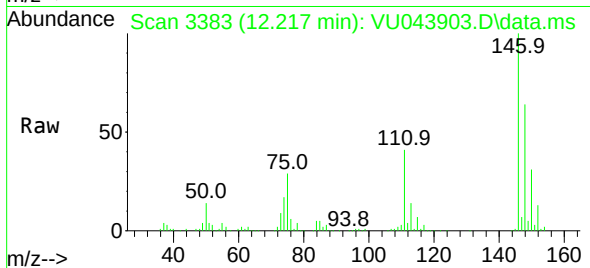




#67
1,2-Dichlorobenzene
Concen: 5.37 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

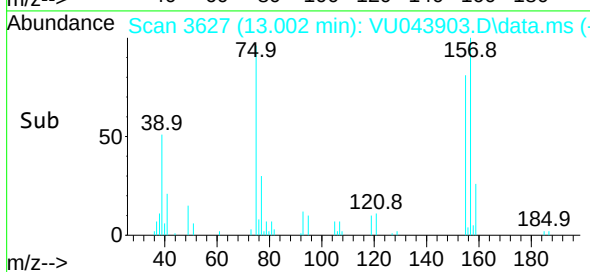
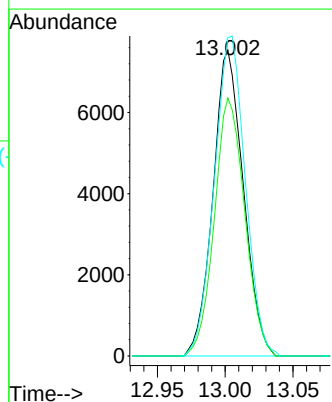
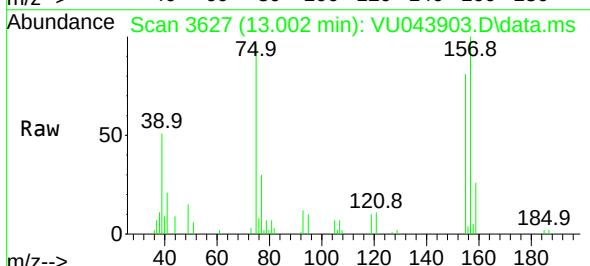
Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

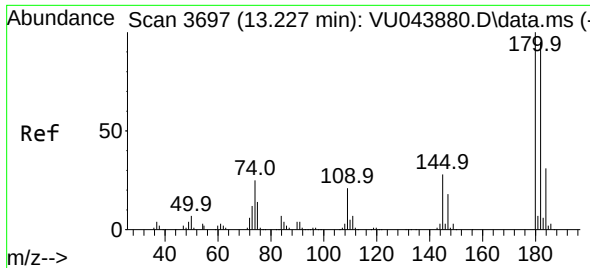
Tgt Ion:146 Resp: 171829
Ion Ratio Lower Upper
146 100
111 41.1 33.6 50.4
148 64.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.08 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion: 75 Resp: 11725
Ion Ratio Lower Upper
75 100
155 84.4 68.7 103.1
157 104.1 87.7 131.5

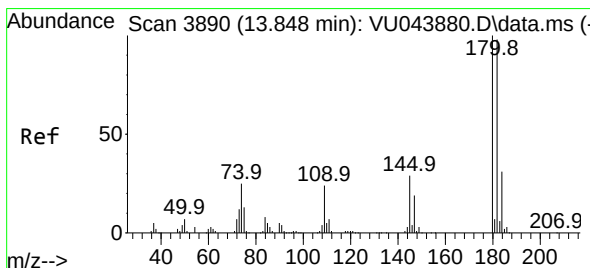
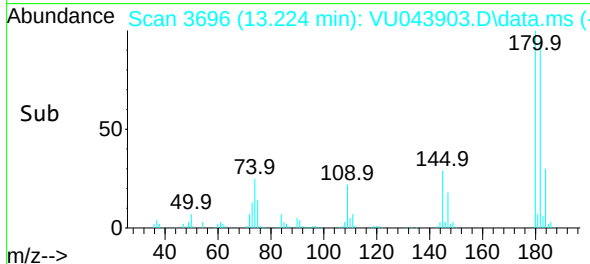
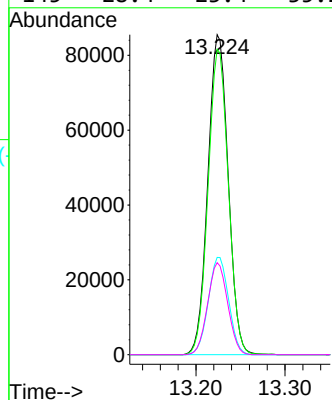
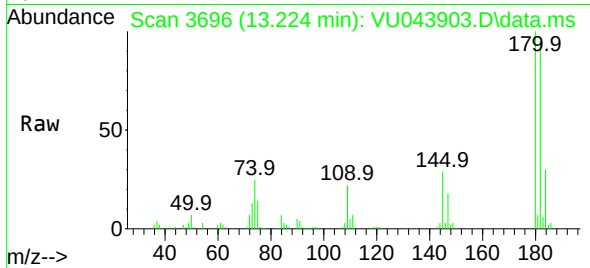




#69
 1,3,5-Trichlorobenzene
 Concen: 5.08 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.003 min
 Lab File: VU043903.D
 Acq: 21 May 2021 20:46

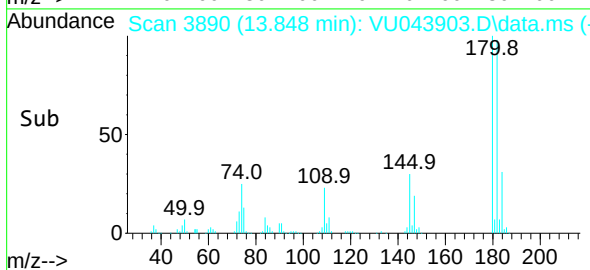
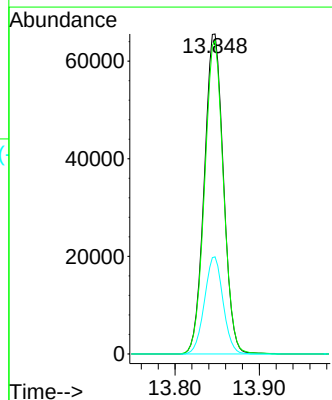
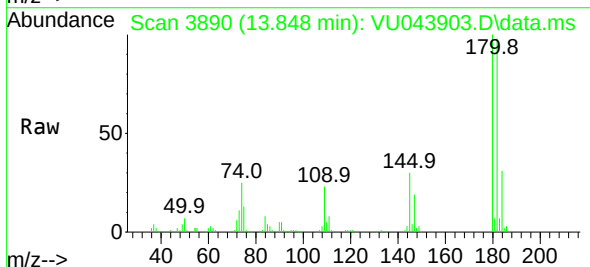
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

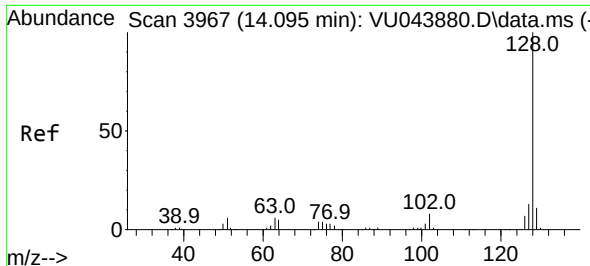
Tgt Ion:180 Resp: 135051
 Ion Ratio Lower Upper
 180 100
 182 95.0 78.2 117.2
 184 30.5 24.8 37.2
 145 28.4 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.73 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU043903.D
 Acq: 21 May 2021 20:46

Tgt Ion:180 Resp: 103716
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.9 115.3
 145 29.4 23.0 34.4

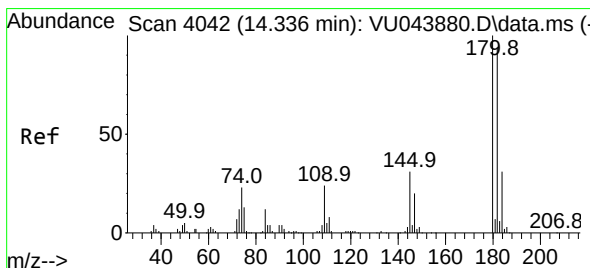
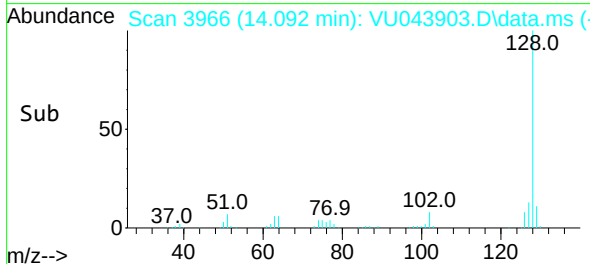
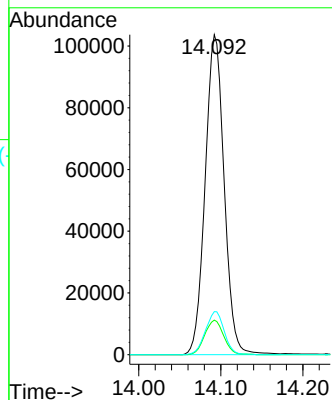
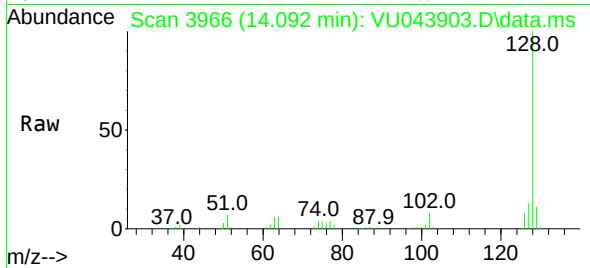




#71
Naphthalene
Concen: 4.32 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

Tgt Ion:128 Resp: 166820
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.94 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043903.D
Acq: 21 May 2021 20:46

Tgt Ion:180 Resp: 102706
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.4
145 30.5 24.6 36.8

