

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043878.D
 Acq On : 20 May 2021 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

Quant Time: May 21 01:21:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	232308	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	229968	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	131499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59976	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.919	69	42369	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.572	65	27440	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.646	46	179729	55.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	5.073	84	121893	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.710	65	63871	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.736	84	268055	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	83625	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.906	98	250583	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	8.186	79	30279	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	145350	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	69268	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
66) 1,2-Dichlorobenzene-d4	12.202	152	97474	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	82491	4.88	ug/L	100
3) Chloromethane	1.520	50	86591	4.36	ug/L	99
5) Vinyl chloride	1.607	62	93919	4.76	ug/L	99
6) Bromomethane	1.861	94	47450	4.08	ug/L	99
8) Chloroethane	1.938	64	44550	4.02	ug/L	100
9) Trichlorofluoromethane	2.144	101	107811	4.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	78055	5.01	ug/L	97
12) 1,1-Dichloroethene	2.585	96	76982	5.02	ug/L	95
13) Acetone	2.652	43	118744	57.43	ug/L	98
14) Carbon disulfide	2.800	76	246576	4.81	ug/L	100
15) Methyl Acetate	2.964	43	29921	4.86	ug/L	93
16) Methylene chloride	3.054	84	107575	4.73	ug/L	96
17) Methyl tert-butyl Ether	3.376	73	161314	4.65	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	80197	4.98	ug/L	95
19) 1,1-Dichloroethane	3.880	63	145528	5.00	ug/L	99
21) 2-Butanone	4.723	43	201425	50.94	ug/L	97
22) cis-1,2-Dichloroethene	4.675	96	85607	5.06	ug/L	97
23) Bromochloromethane	4.983	128	40538	5.08	ug/L	92
25) Chloroform	5.099	83	159829	5.55	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043878.D
 Acq On : 20 May 2021 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

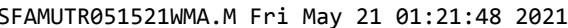
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

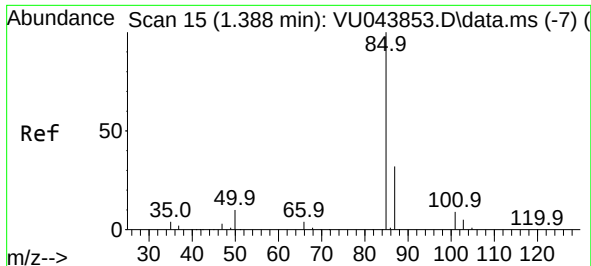
Quant Time: May 21 01:21:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	87407	4.92	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	122392	5.10	ug/L	98
30) Cyclohexane	5.398	56	121495	4.57	ug/L	97
31) Carbon tetrachloride	5.533	117	103218	5.15	ug/L	99
33) Benzene	5.784	78	337284	5.07	ug/L	100
34) Trichloroethene	6.549	95	84994	4.98	ug/L	97
35) Methylcyclohexane	6.771	83	127049	4.79	ug/L	97
37) 1,2-Dichloropropane	6.800	63	86972	5.00	ug/L	100
38) Bromodichloromethane	7.115	83	101060	4.98	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	108263	4.68	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	492633	44.40	ug/L	96
42) Toluene	7.977	91	364887	5.22	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	94183	4.72	ug/L	97
45) 1,1,2-Trichloroethane	8.408	97	61539	4.92	ug/L	97
47) Tetrachloroethene	8.559	164	72994	5.29	ug/L	99
48) 2-Hexanone	8.694	43	374479	45.49	ug/L	97
49) Dibromochloromethane	8.816	129	70728	5.07	ug/L	99
50) 1,2-Dibromoethane	8.932	107	58271	4.95	ug/L	99
51) Chlorobenzene	9.453	112	226609	5.19	ug/L	98
52) Ethylbenzene	9.578	91	363780	5.09	ug/L	99
53) m,p-Xylene	9.700	106	143126	5.26	ug/L	95
54) o-Xylene	10.108	106	136588	5.26	ug/L	97
55) Styrene	10.121	104	236500	5.40	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	76372	4.81	ug/L	98
59) Bromoform	10.298	173	40948	4.62	ug/L	99
60) Isopropylbenzene	10.491	105	357522	4.95	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	54402	4.34	ug/L	98
62) 1,3,5-Trimethylbenzene	11.096	105	280596	4.83	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	293491	4.93	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	191348	5.15	ug/L	98
65) 1,4-Dichlorobenzene	11.842	146	188798	5.05	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	178406	4.99	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11235	4.36	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	149330	5.03	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	118179	4.83	ug/L	99
71) Naphthalene	14.092	128	182810	4.24	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	113944	4.92	ug/L	100

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

Quant Time: May 21 01:21:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 01:15:23 2021
Response via : Initial Calibration

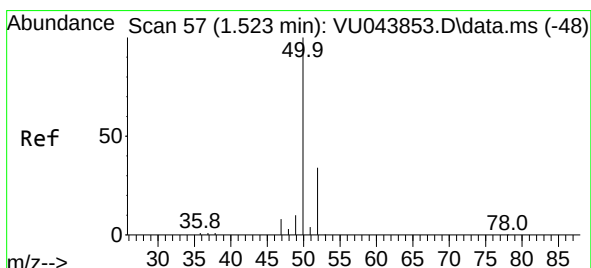
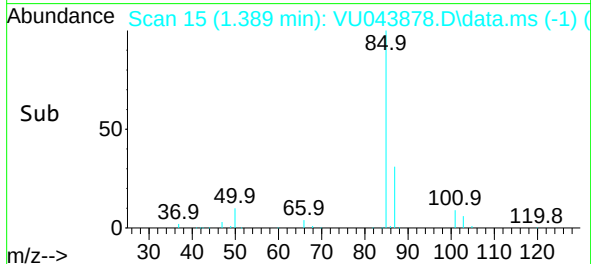
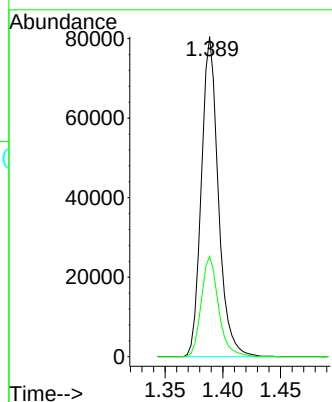
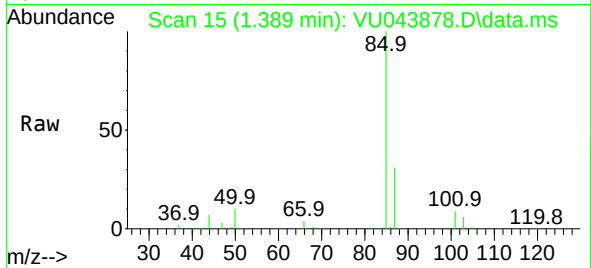




#2
Dichlorodifluoromethane
Concen: 4.88 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

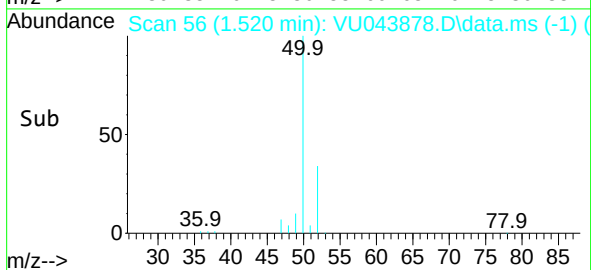
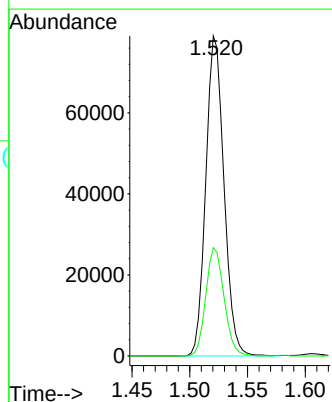
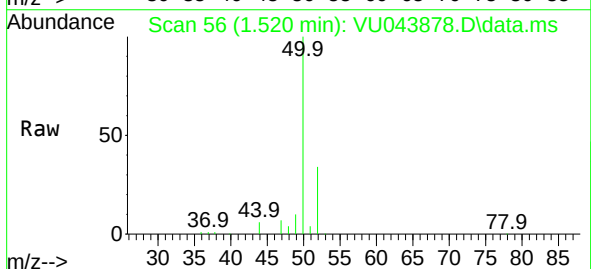
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

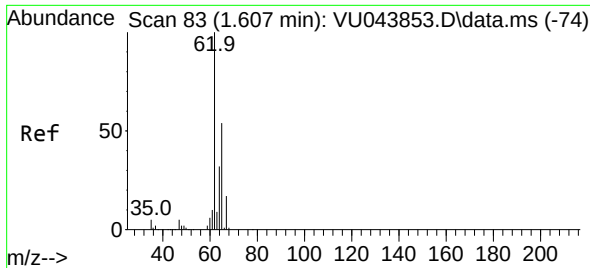
Tgt Ion: 85 Resp: 82491
Ion Ratio Lower Upper
85 100
87 31.7 25.5 38.3



#3
Chloromethane
Concen: 4.36 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 50 Resp: 86591
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2

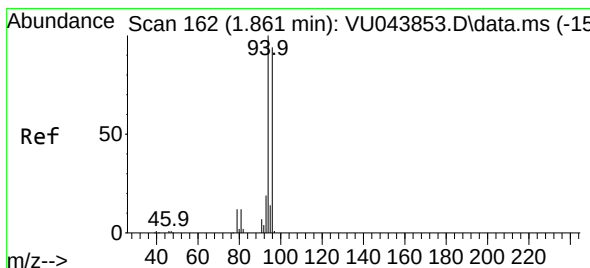
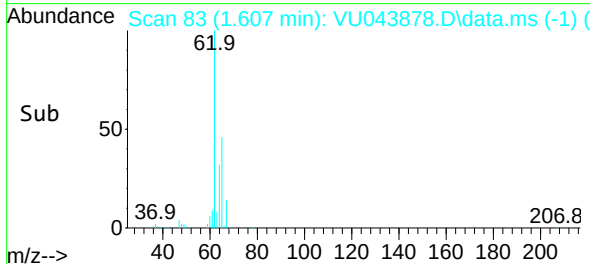
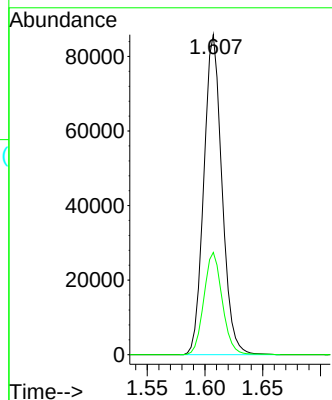
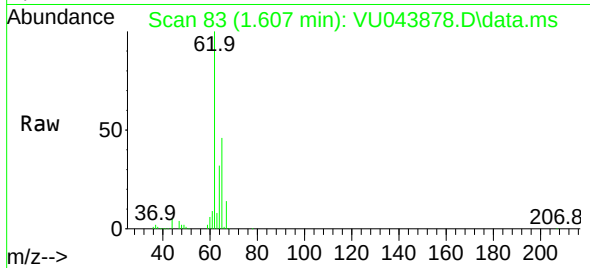




#5
 Vinyl chloride
 Concen: 4.76 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043878.D
 Acq: 20 May 2021 20:28

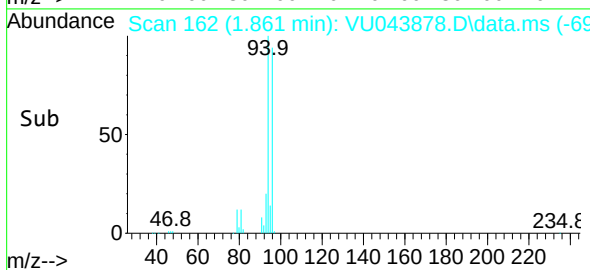
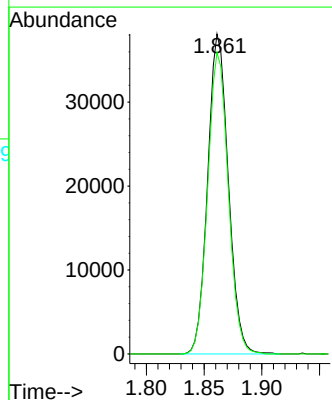
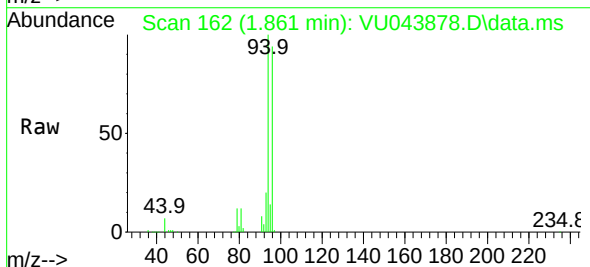
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

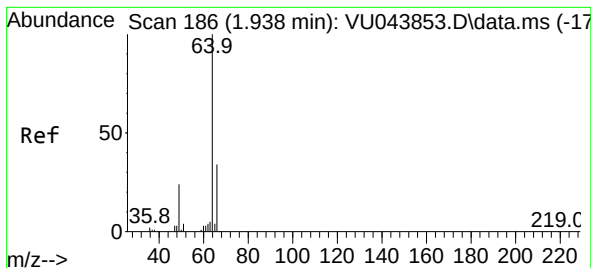
Tgt Ion: 62 Resp: 93919
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.1 41.1



#6
 Bromomethane
 Concen: 4.08 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043878.D
 Acq: 20 May 2021 20:28

Tgt Ion: 94 Resp: 47450
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.0 120.8





#8

Chloroethane

Concen: 4.02 ug/L

RT: 1.938 min Scan# 186

Delta R.T. 0.000 min

Lab File: VU043878.D

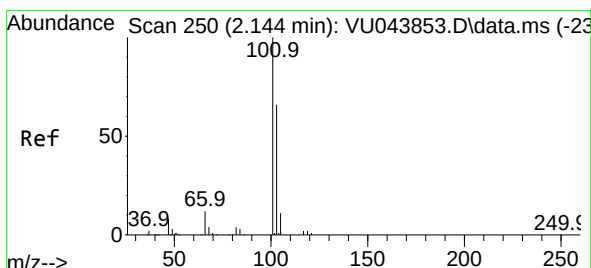
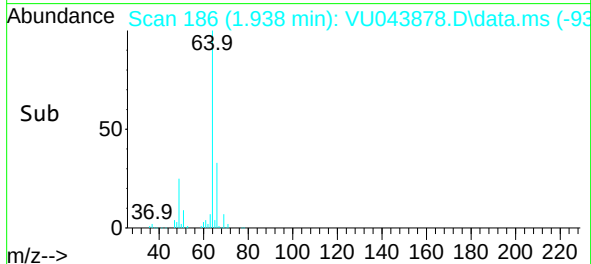
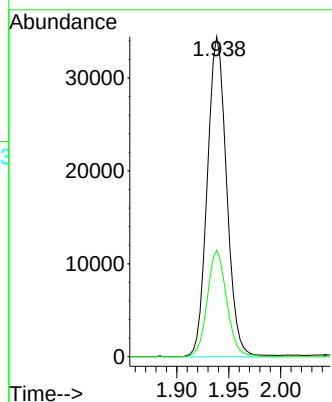
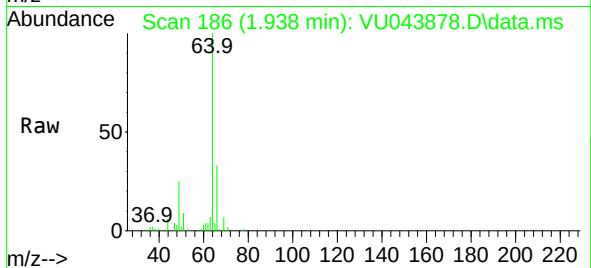
Acq: 20 May 2021 20:28

Tgt Ion: 64 Resp: 44550

Ion Ratio Lower Upper

64 100

66 33.3 23.4 43.6



#9

Trichlorofluoromethane

Concen: 4.71 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.000 min

Lab File: VU043878.D

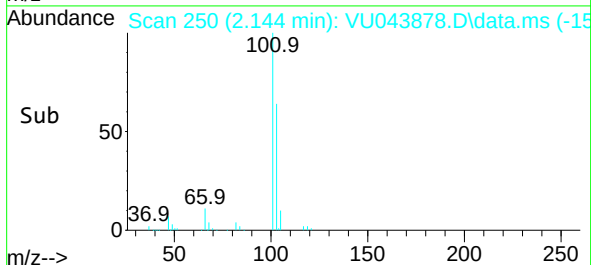
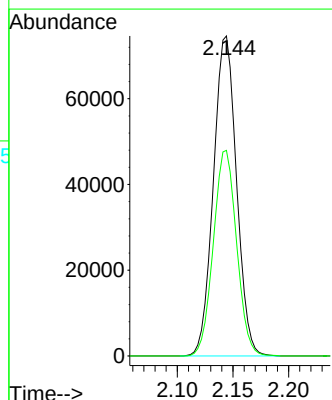
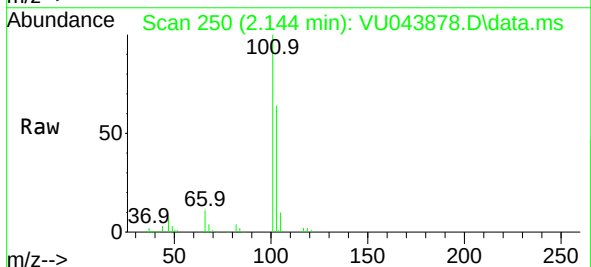
Acq: 20 May 2021 20:28

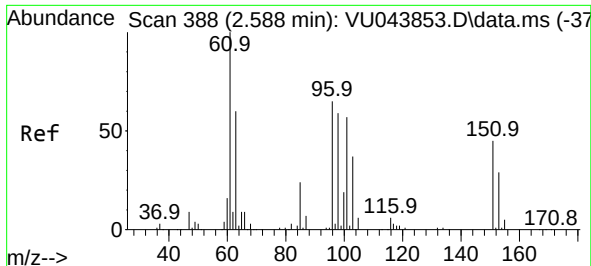
Tgt Ion: 101 Resp: 107811

Ion Ratio Lower Upper

101 100

103 64.6 52.1 78.1

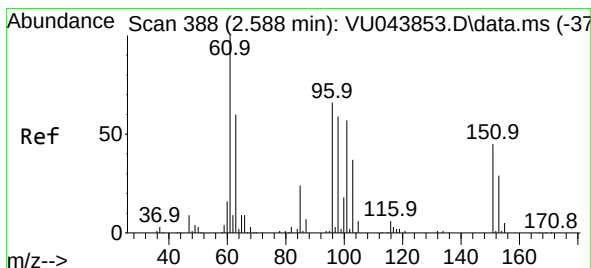
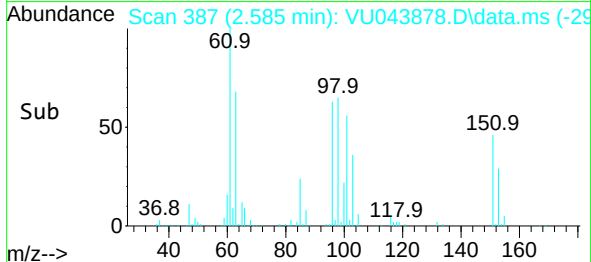
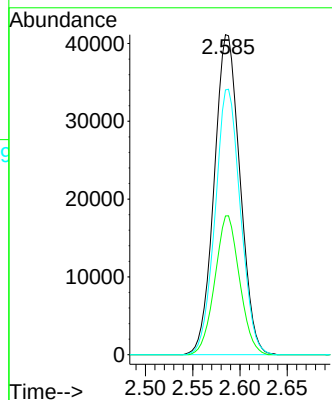
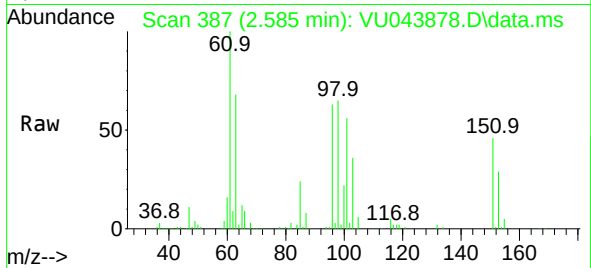




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.01 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

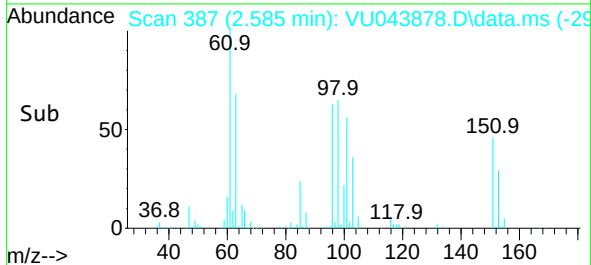
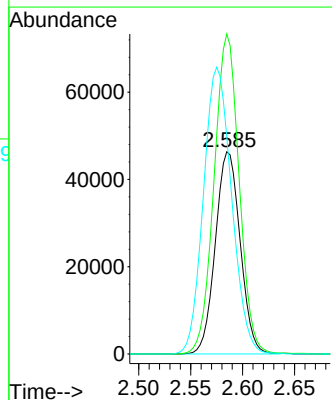
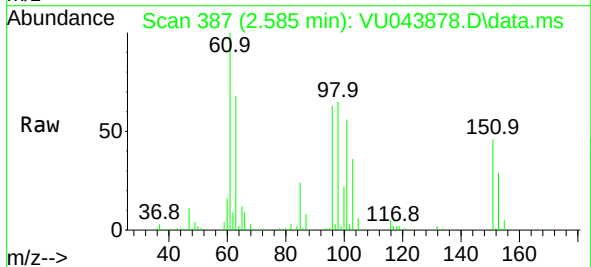
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

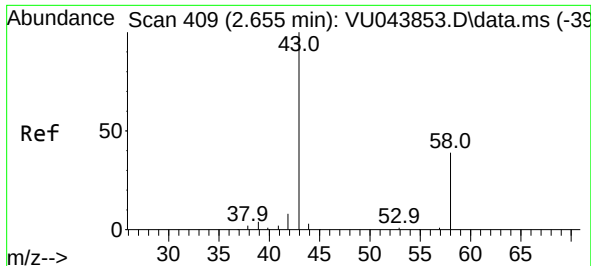
Tgt Ion:101 Resp: 78055
Ion Ratio Lower Upper
101 100
85 41.6 34.3 51.5
151 81.6 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.02 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 96 Resp: 76982
Ion Ratio Lower Upper
96 100
61 158.2 117.5 218.1
63 107.6 77.3 143.7

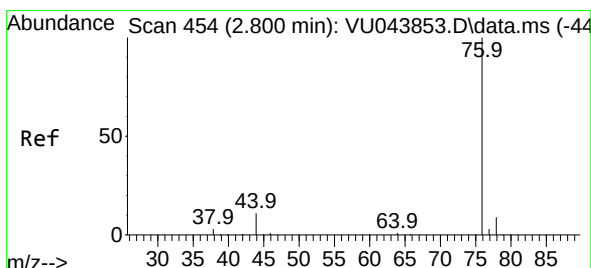
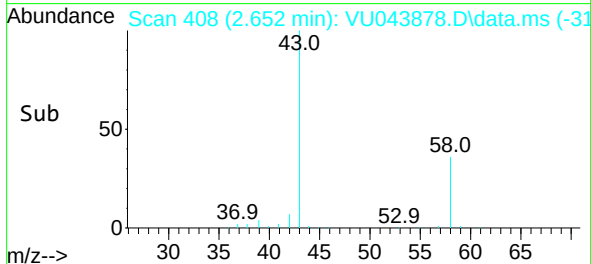
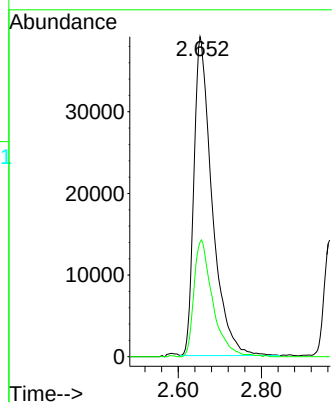
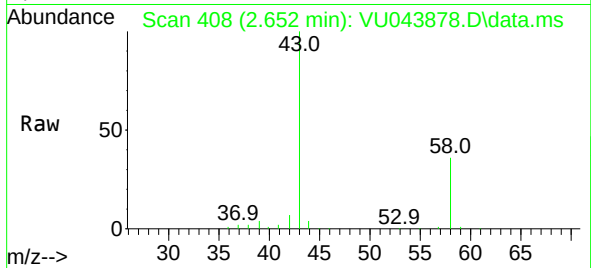




#13
Acetone
Concen: 57.43 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

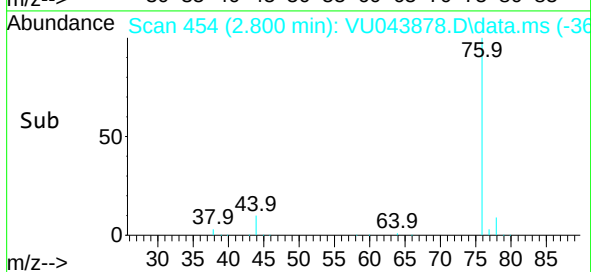
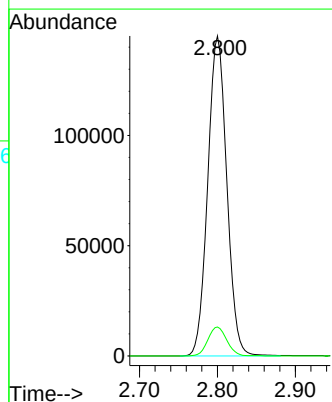
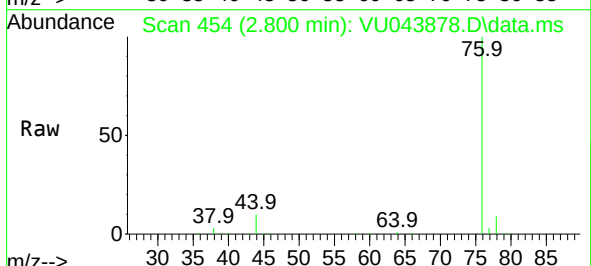
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

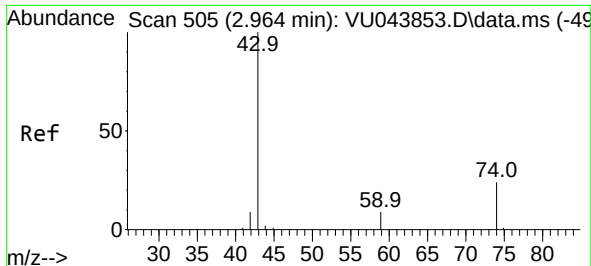
Tgt Ion: 43 Resp: 118744
Ion Ratio Lower Upper
43 100
58 37.2 0.0 71.6



#14
Carbon disulfide
Concen: 4.81 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 76 Resp: 246576
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

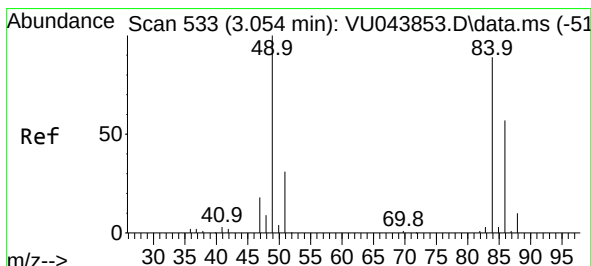
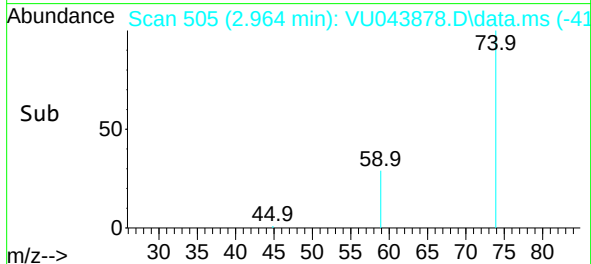
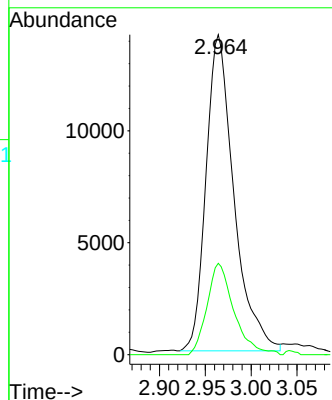
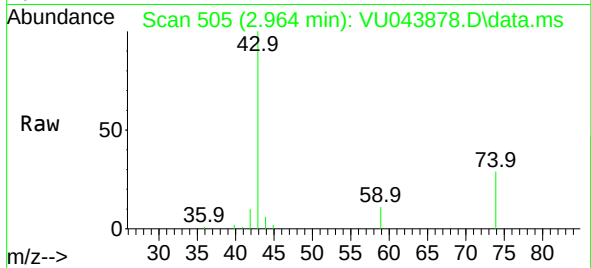




#15
Methyl Acetate
Concen: 4.86 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

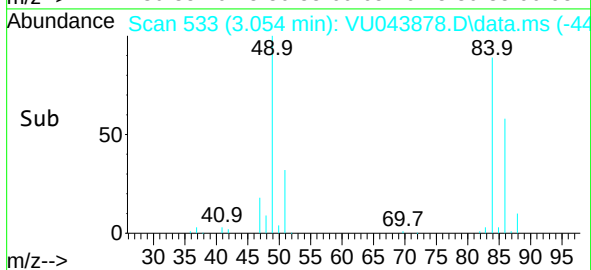
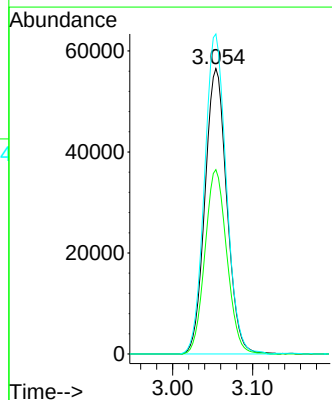
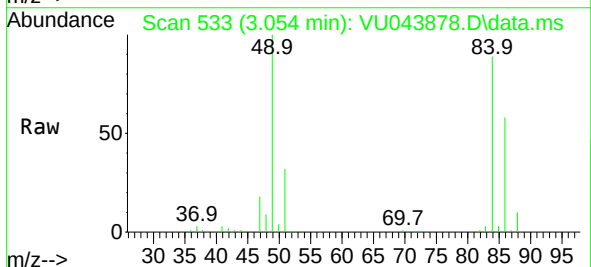
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

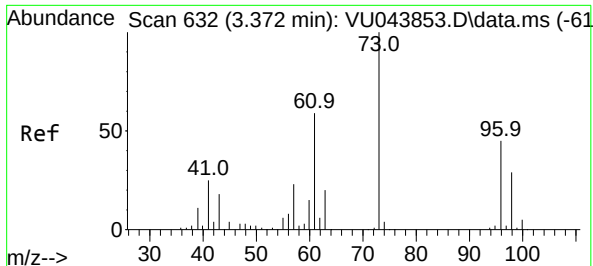
Tgt Ion: 43 Resp: 29921
Ion Ratio Lower Upper
43 100
74 27.8 19.3 28.9



#16
Methylene chloride
Concen: 4.73 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 84 Resp: 107575
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 112.1 83.1 154.3



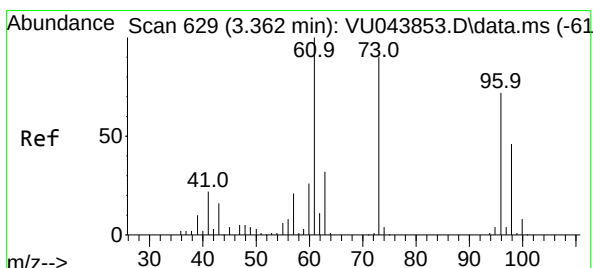
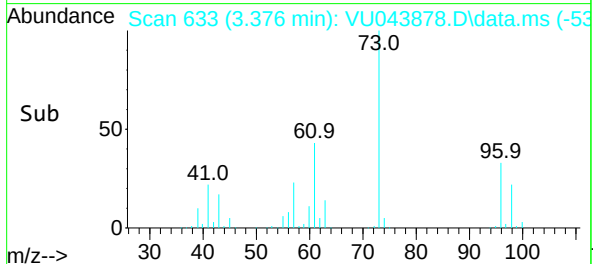
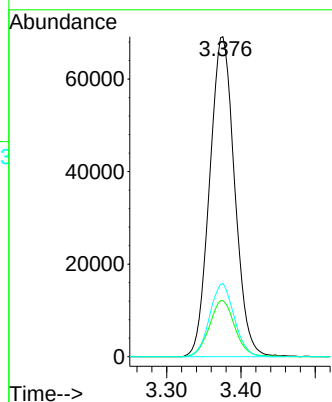
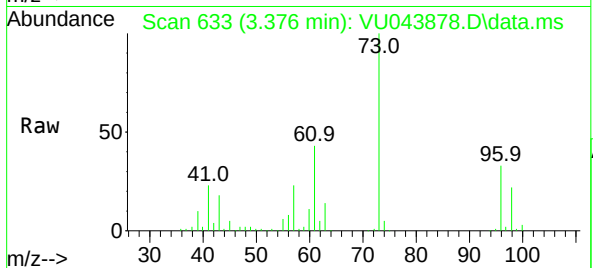


#17

Methyl tert-butyl Ether
Concen: 4.65 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

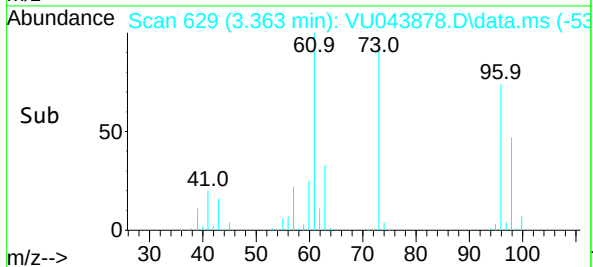
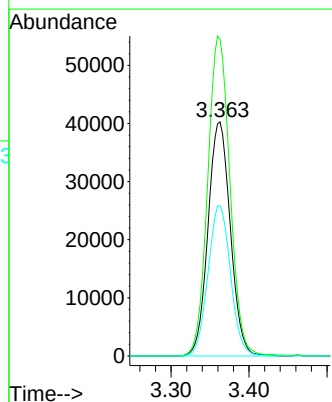
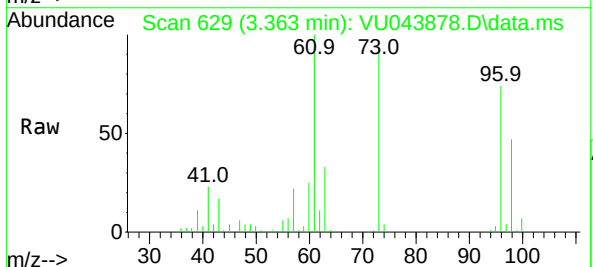
Tgt Ion: 73	Resp: 161314
Ion Ratio	Lower Upper
73 100	
43 18.0	15.0 22.4
57 22.5	18.6 27.8

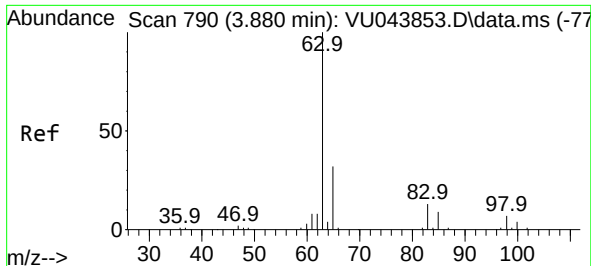


#18

trans-1,2-Dichloroethene
Concen: 4.98 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 96	Resp: 80197
Ion Ratio	Lower Upper
96 100	
61 135.3	99.6 185.0
98 64.2	43.8 81.4





#19

1,1-Dichloroethane

Concen: 5.00 ug/L

RT: 3.880 min Scan# 790

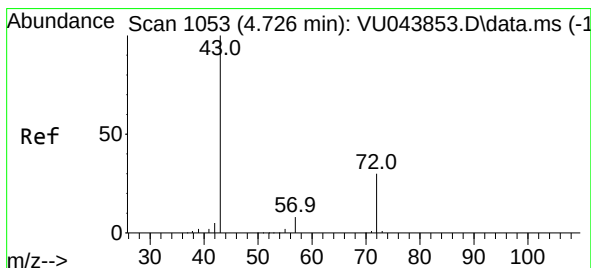
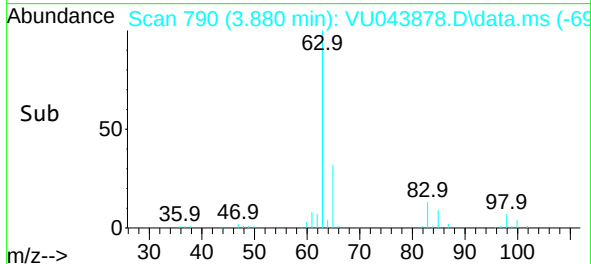
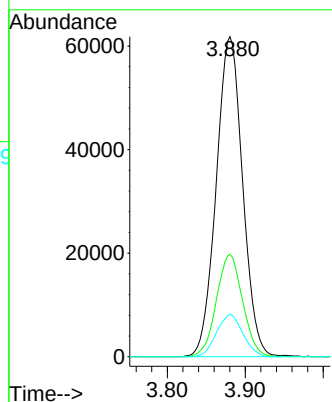
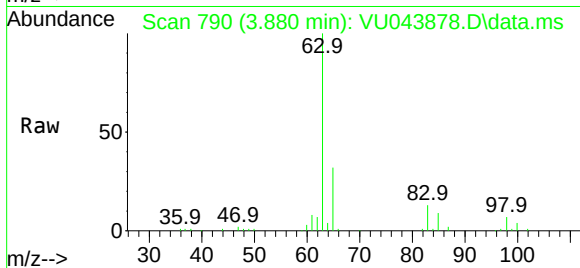
Delta R.T. 0.000 min

Lab File: VU043878.D

Acq: 20 May 2021 20:28

Tgt Ion: 63 Resp: 145528

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.3
83	13.2	9.0	16.8



#21

2-Butanone

Concen: 50.94 ug/L

RT: 4.723 min Scan# 1052

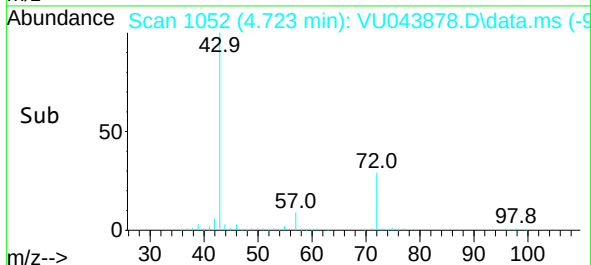
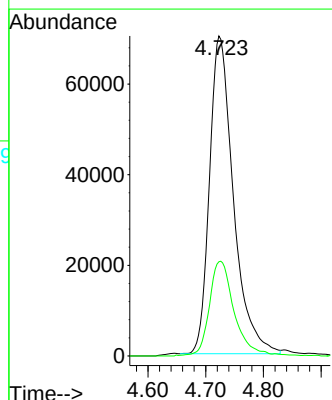
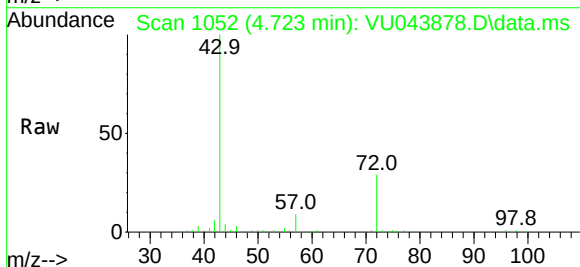
Delta R.T. -0.003 min

Lab File: VU043878.D

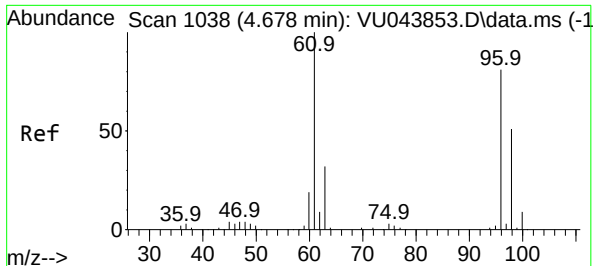
Acq: 20 May 2021 20:28

Tgt Ion: 43 Resp: 201425

Ion	Ratio	Lower	Upper
43	100		
72	30.8	14.5	43.6



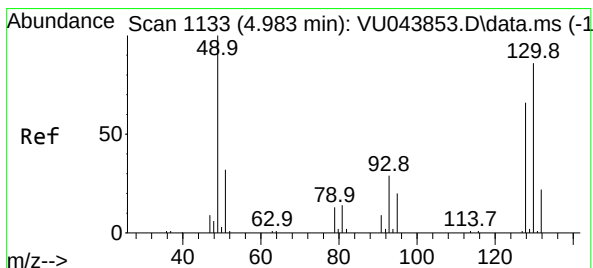
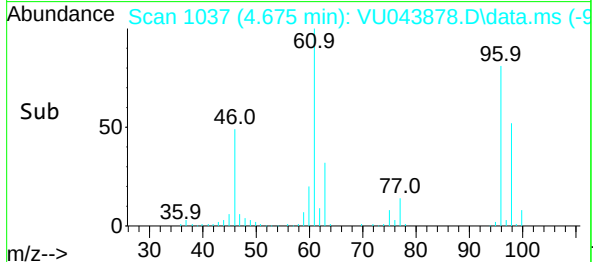
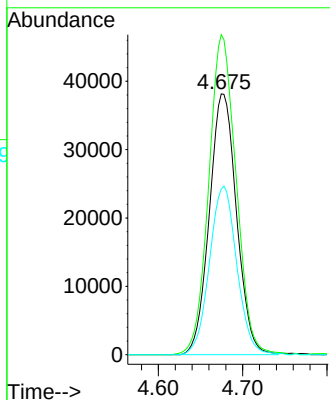
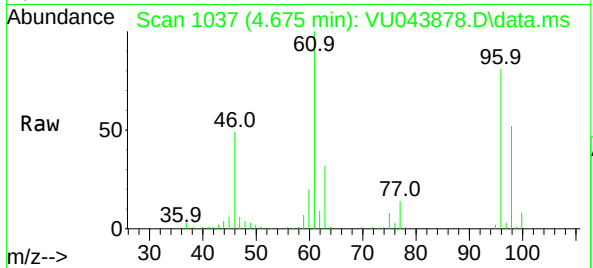
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151



#22
cis-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

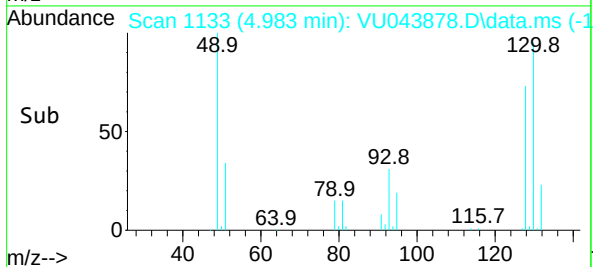
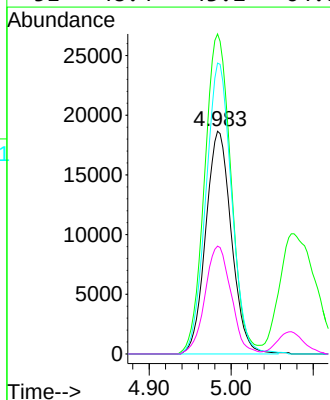
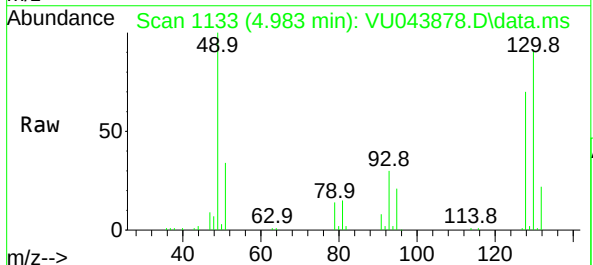
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

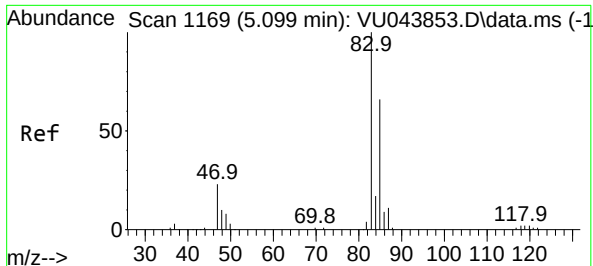
Tgt Ion: 96 Resp: 85607
Ion Ratio Lower Upper
96 100
61 122.7 89.0 165.4
98 63.5 44.9 83.3



#23
Bromochloromethane
Concen: 5.08 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion:128 Resp: 40538
Ion Ratio Lower Upper
128 100
49 143.6 114.7 212.9
130 130.6 91.7 170.3
51 48.4 43.2 64.8





#25

Chloroform

Concen: 5.55 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043878.D

Acq: 20 May 2021 20:28

Tgt Ion: 83 Resp: 159829

Ion Ratio Lower Upper

83 100

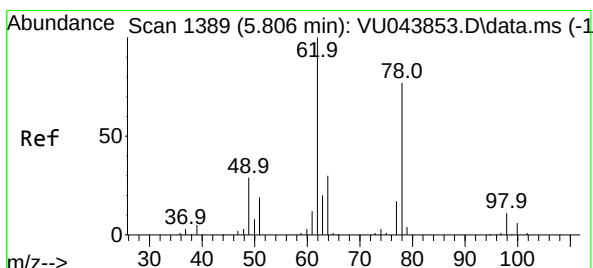
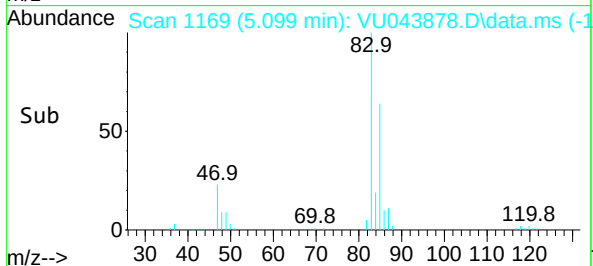
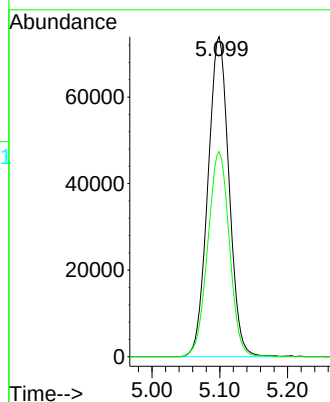
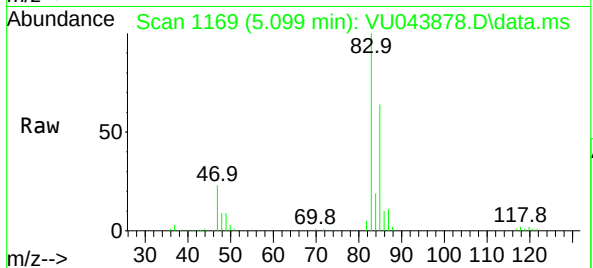
85 64.1 45.0 83.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD005151



#27

1,2-Dichloroethane

Concen: 4.92 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VU043878.D

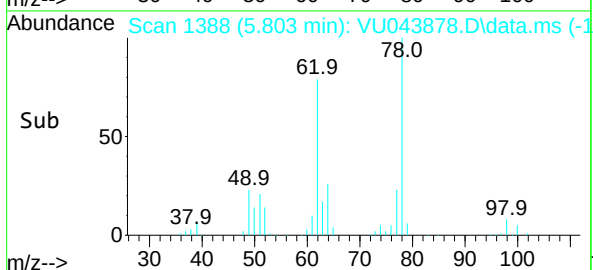
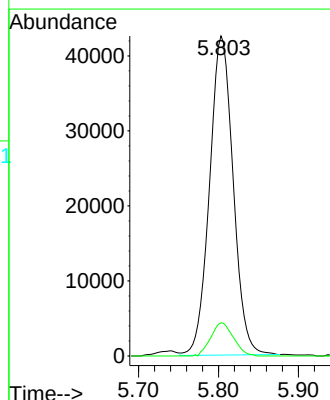
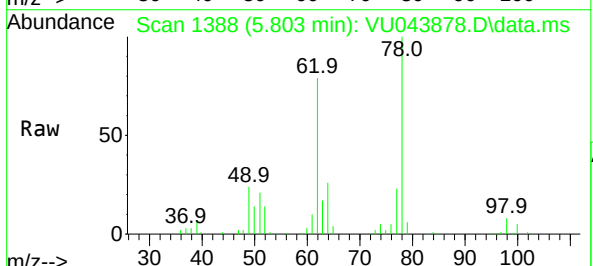
Acq: 20 May 2021 20:28

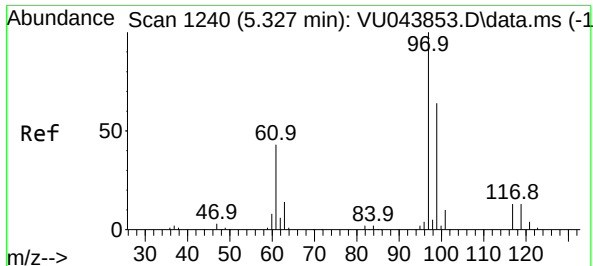
Tgt Ion: 62 Resp: 87407

Ion Ratio Lower Upper

62 100

98 10.4 7.7 11.5



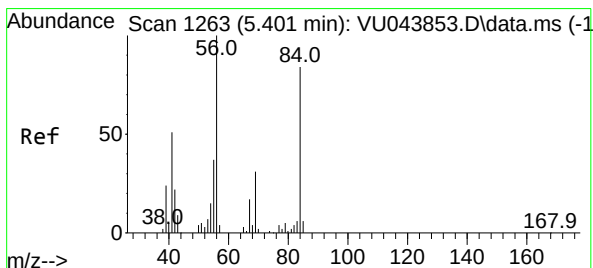
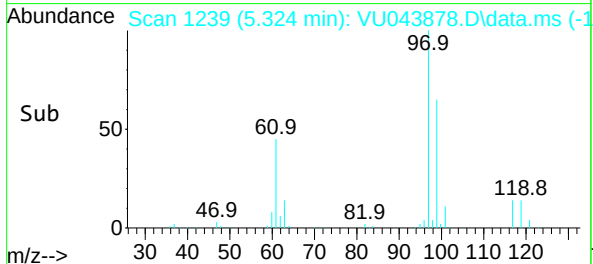
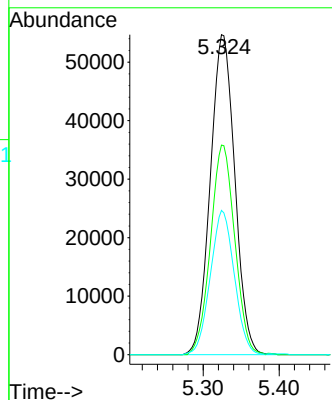
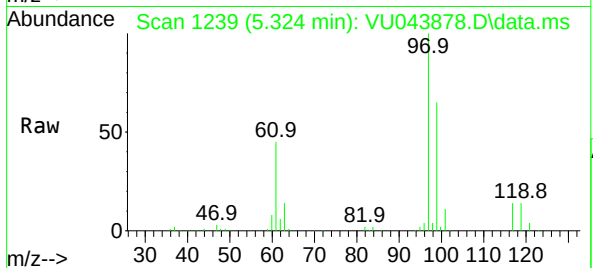


#29

1,1,1-Trichloroethane
Concen: 5.10 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

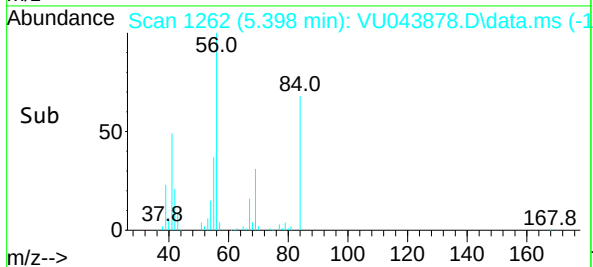
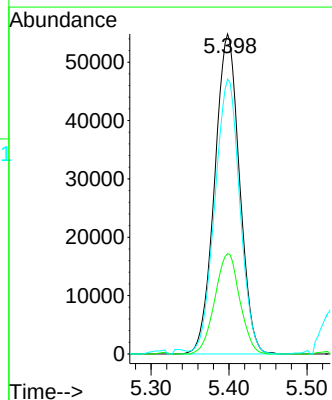
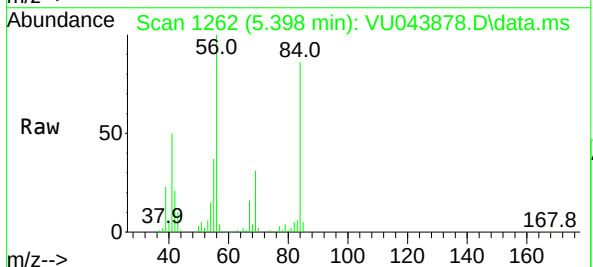
Tgt Ion:	97	Resp:	122392
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	44.1	37.0	55.4

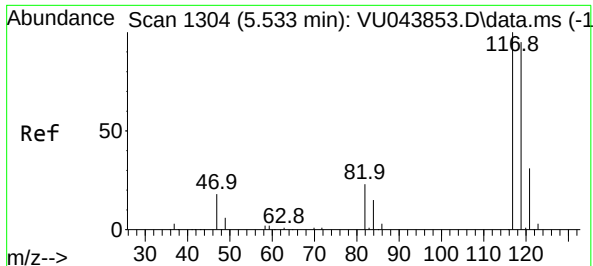


#30

Cyclohexane
Concen: 4.57 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion:	56	Resp:	121495
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.8	37.2
84	86.7	66.8	100.2

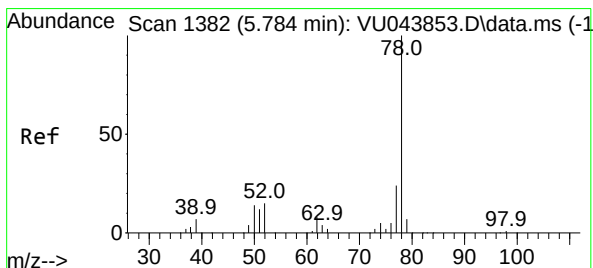
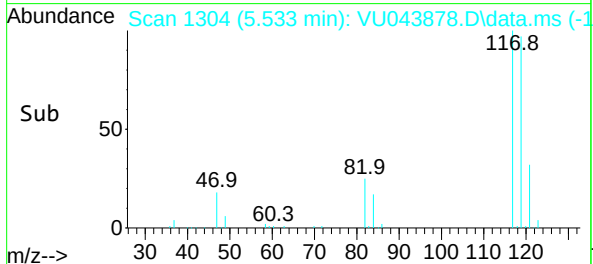
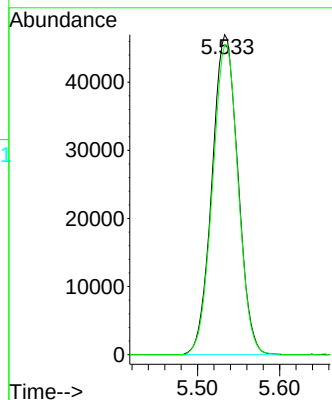
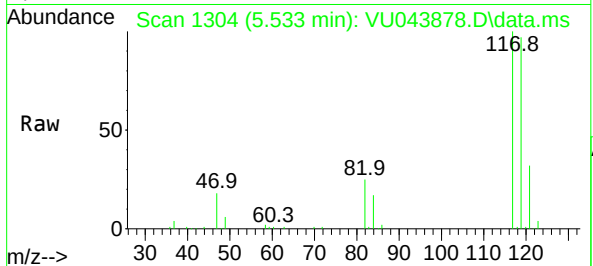




#31
Carbon tetrachloride
Concen: 5.15 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

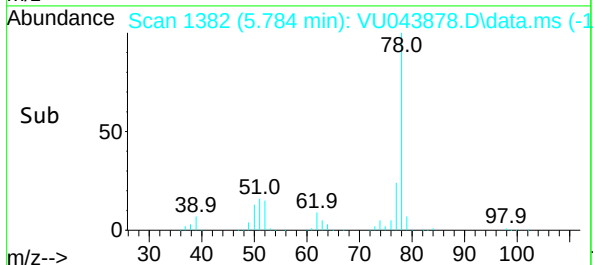
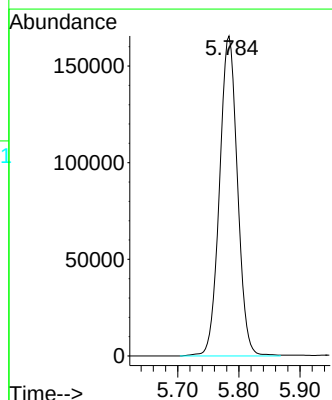
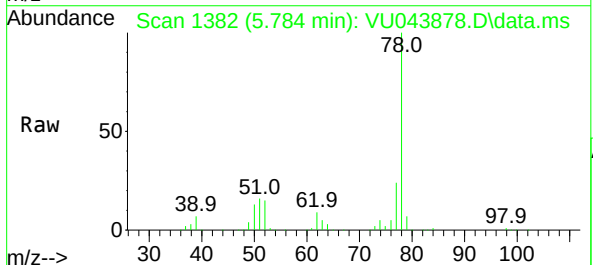
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

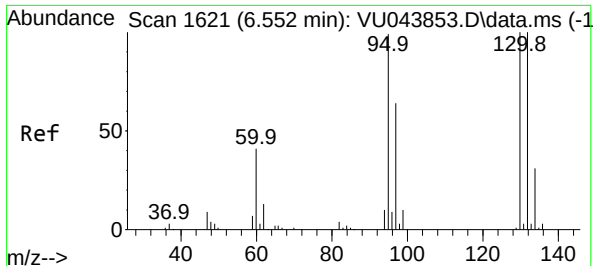
Tgt Ion:117 Resp: 103218
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0



#33
Benzene
Concen: 5.07 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 78 Resp: 337284



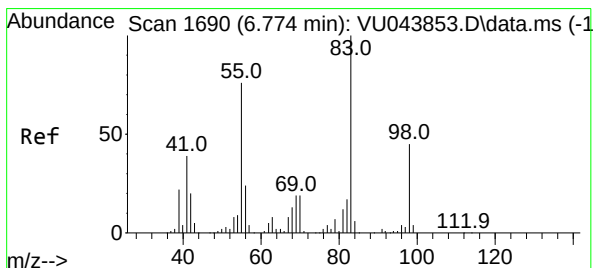
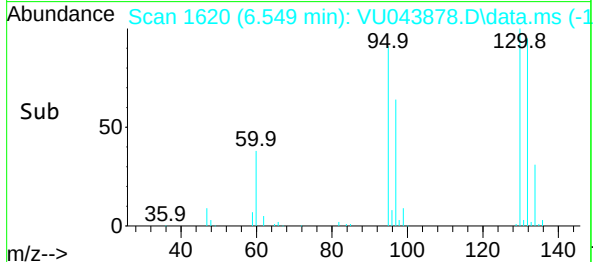
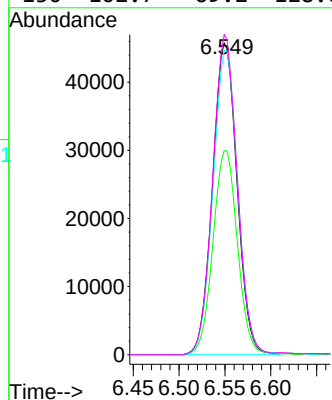
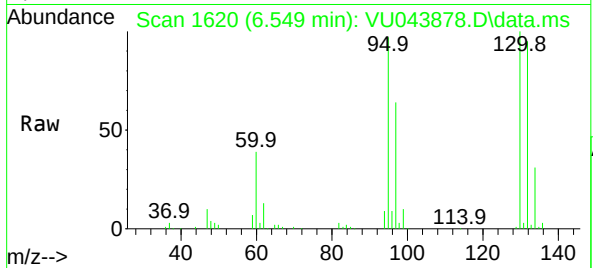


#34
Trichloroethene
Concen: 4.98 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

Tgt Ion: 95 Resp: 84994

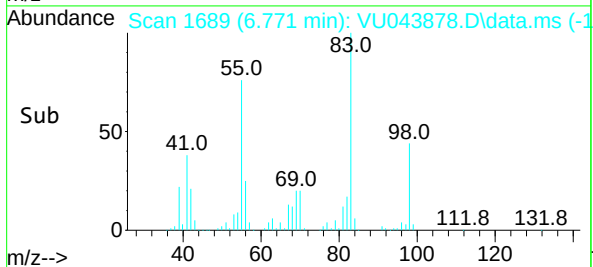
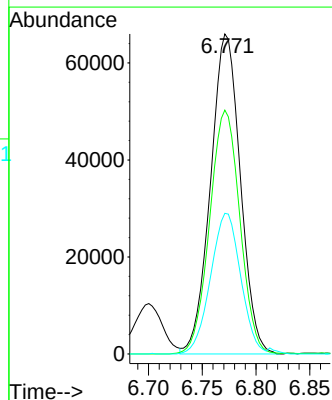
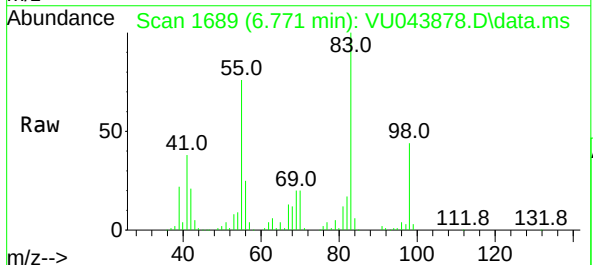
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.3	82.3
132	97.6	66.0	122.6
130	102.7	69.2	128.6

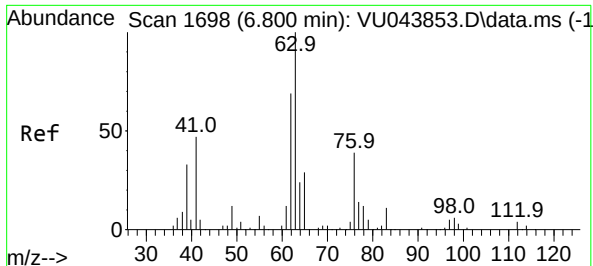


#35
Methylcyclohexane
Concen: 4.79 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 83 Resp: 127049

Ion	Ratio	Lower	Upper
83	100		
55	77.3	64.8	97.2
98	44.4	35.9	53.9

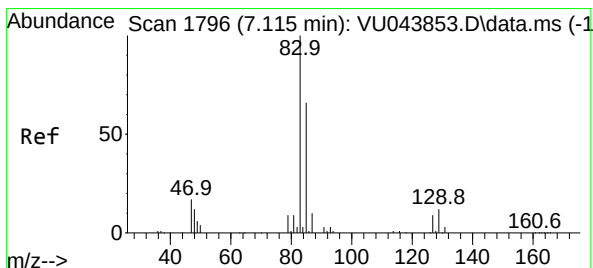
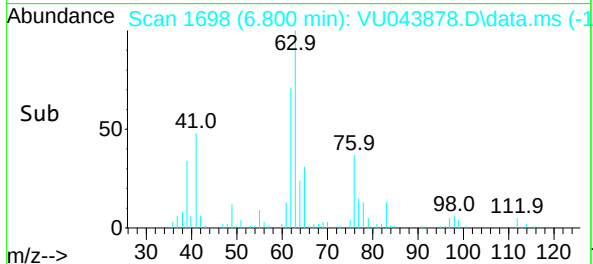
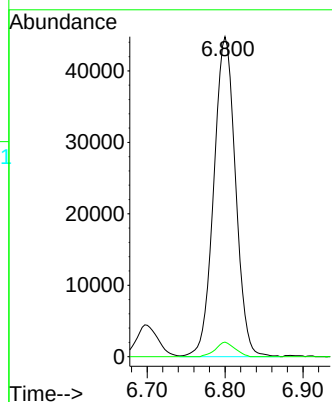
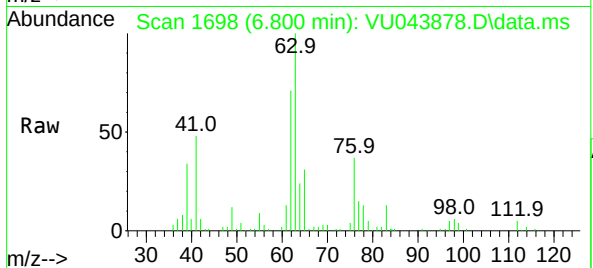




#37
1,2-Dichloropropane
Concen: 5.00 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

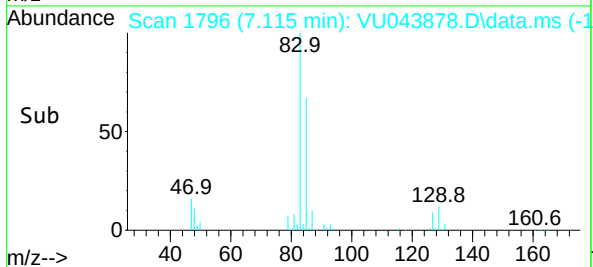
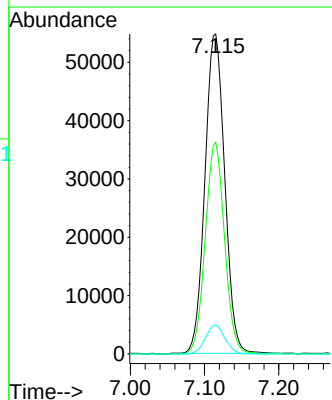
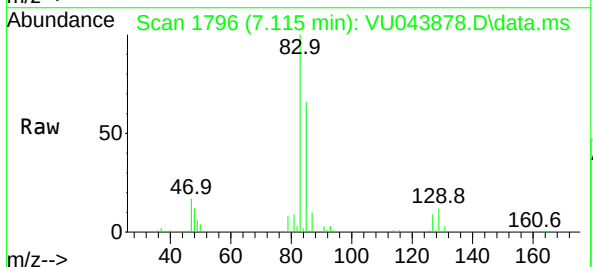
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

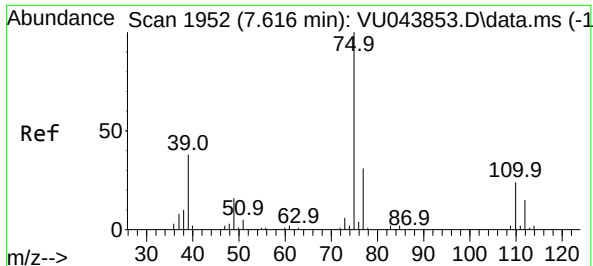
Tgt Ion: 63 Resp: 86972
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 4.98 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 83 Resp: 101060
Ion Ratio Lower Upper
83 100
85 66.1 44.6 82.8
127 9.1 7.0 10.4

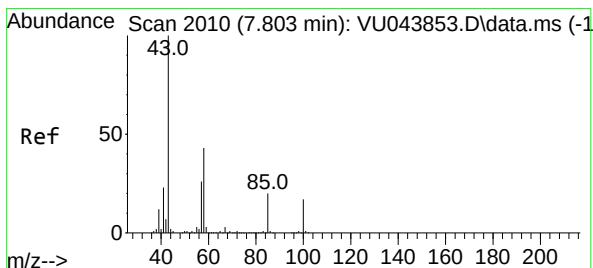
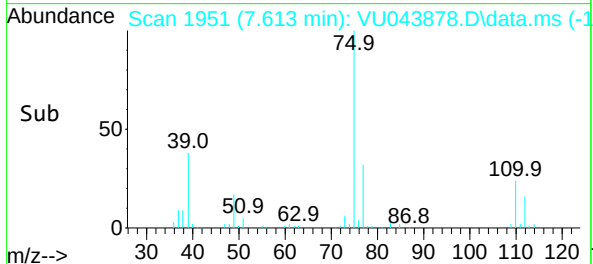
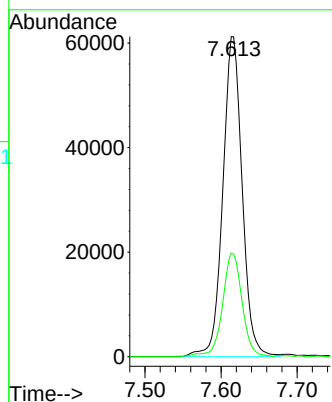
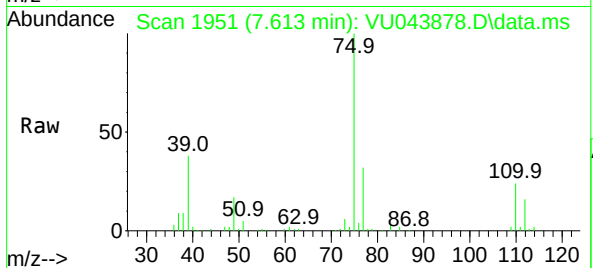




#39
cis-1,3-Dichloropropene
Concen: 4.68 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

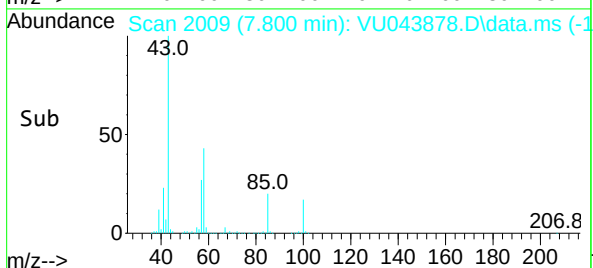
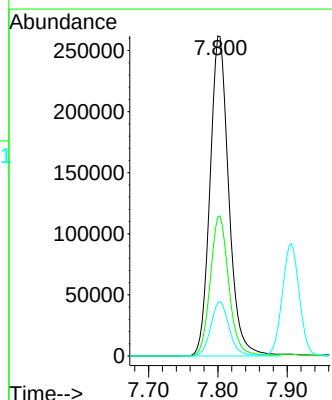
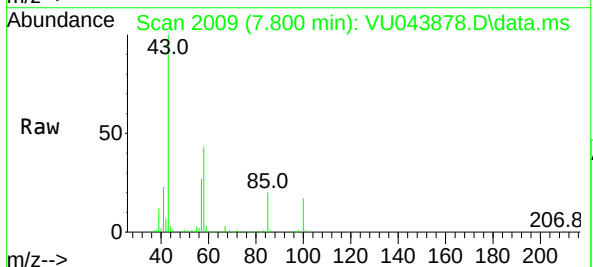
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

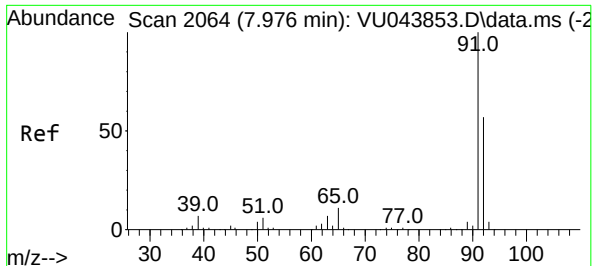
Tgt Ion: 75 Resp: 108263
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 44.40 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 43 Resp: 492633
Ion Ratio Lower Upper
43 100
58 43.1 32.8 49.2
100 16.6 11.9 17.9

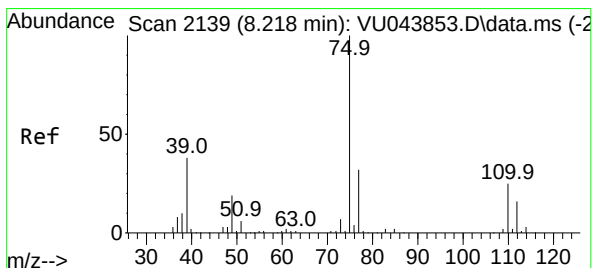
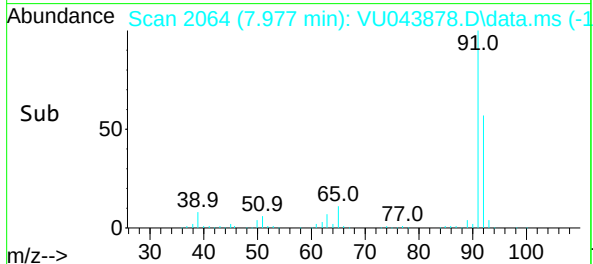
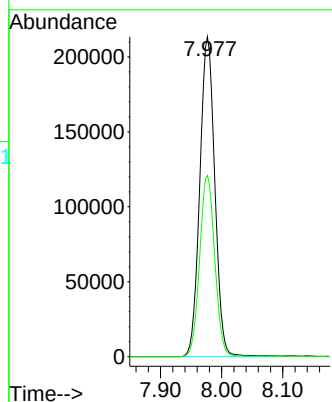
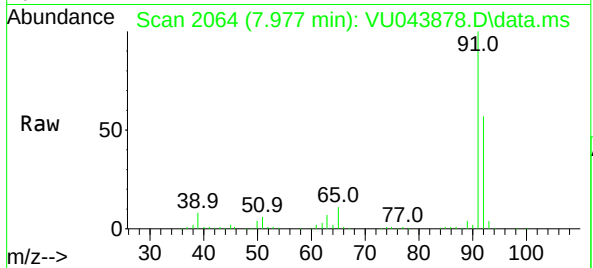




#42
Toluene
Concen: 5.22 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

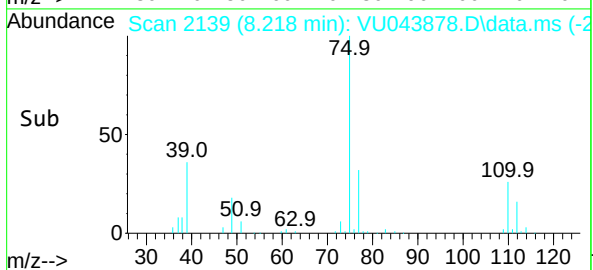
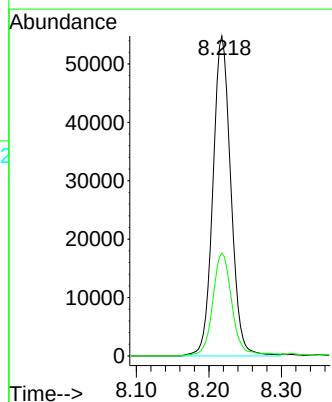
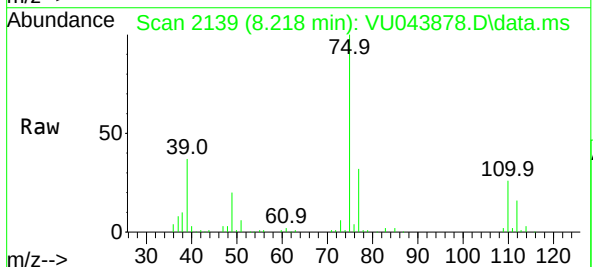
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

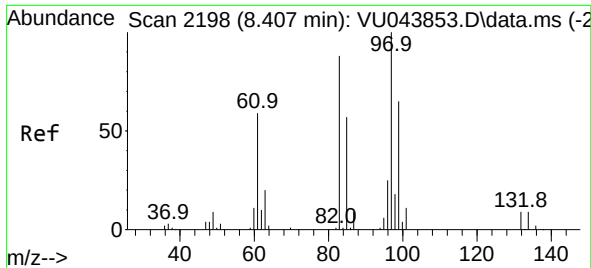
Tgt Ion: 91 Resp: 364887
Ion Ratio Lower Upper
91 100
92 56.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.72 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 75 Resp: 94183
Ion Ratio Lower Upper
75 100
77 32.1 21.5 39.9

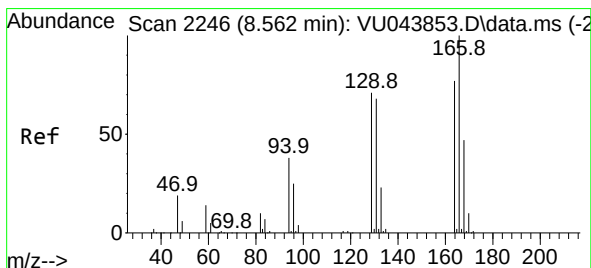
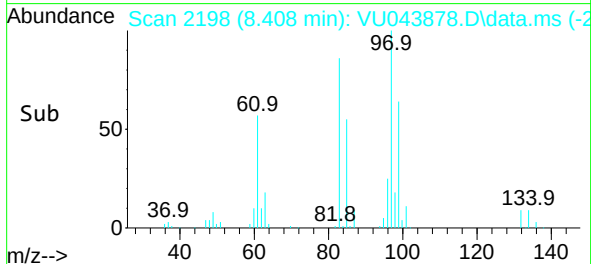
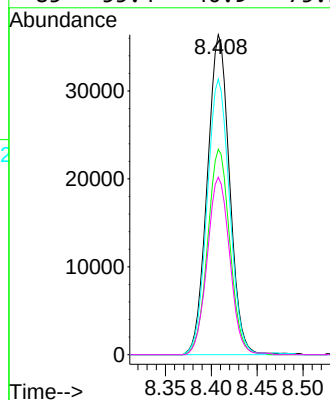
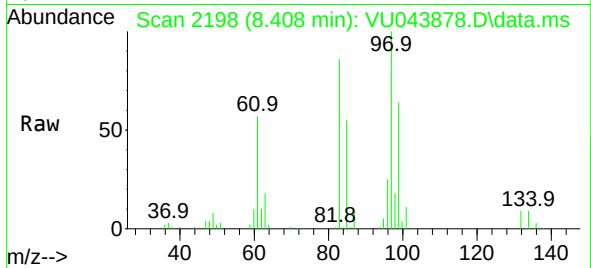




#45
1,1,2-Trichloroethane
Concen: 4.92 ug/L
RT: 8.408 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

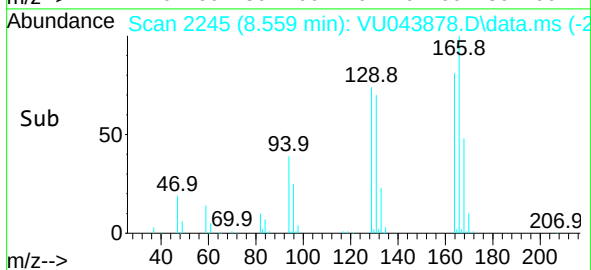
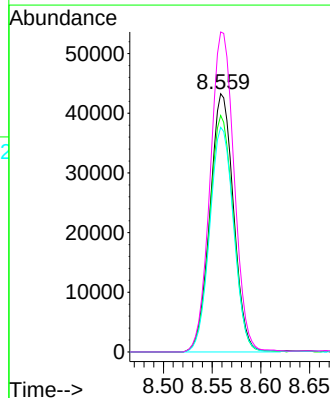
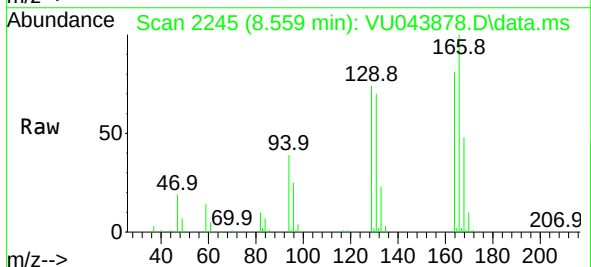
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

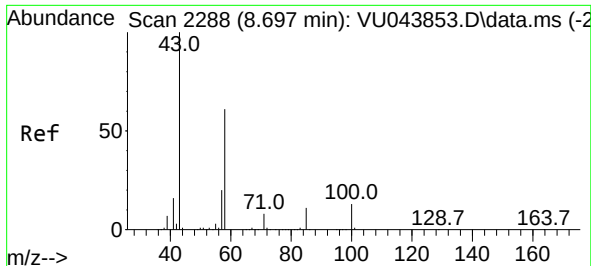
Tgt Ion:	97	Resp:	61539
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.8	81.4
83	86.1	62.5	116.1
85	55.4	40.9	75.9



#47
Tetrachloroethene
Concen: 5.29 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion:	164	Resp:	72994
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.1	119.1
131	87.0	61.2	113.8
166	123.9	87.8	163.2

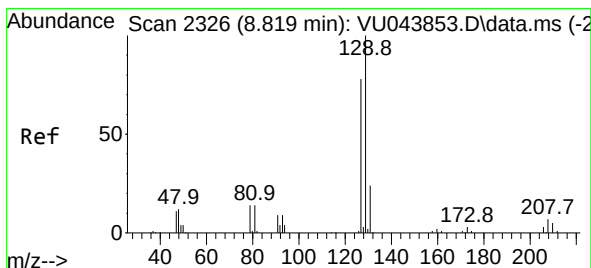
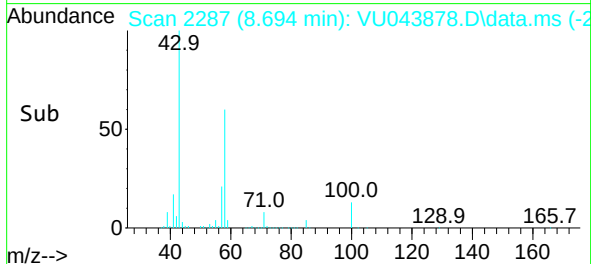
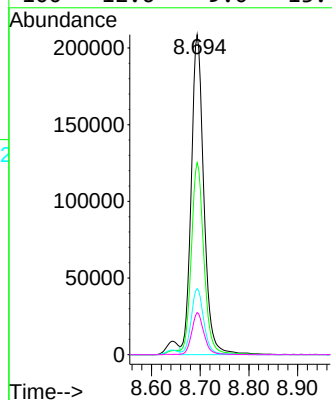
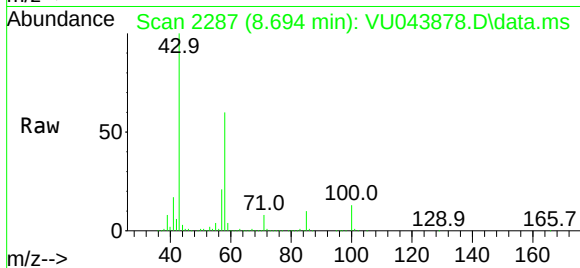




#48
2-Hexanone
Concen: 45.49 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

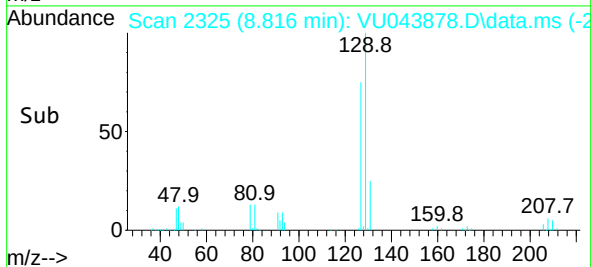
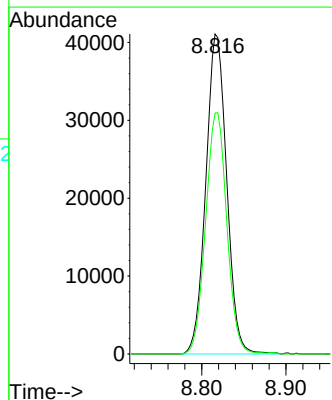
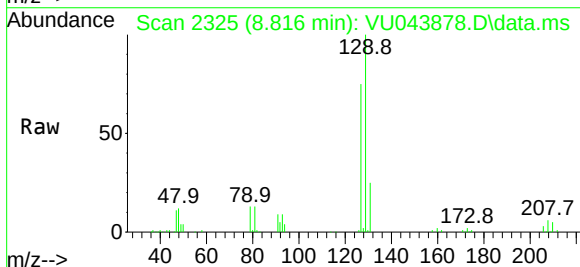
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

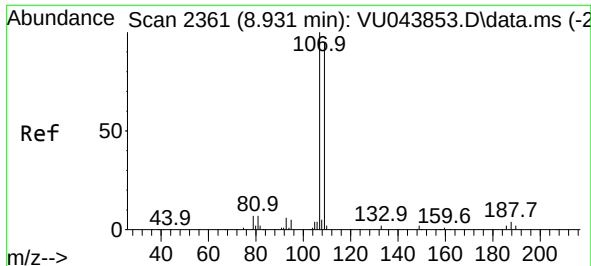
Tgt Ion: 43 Resp: 374479
Ion Ratio Lower Upper
43 100
58 61.5 47.0 70.4
57 20.8 15.8 23.8
100 12.6 9.0 13.4



#49
Dibromochloromethane
Concen: 5.07 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 129 Resp: 70728
Ion Ratio Lower Upper
129 100
127 75.3 53.4 99.2





#50

1,2-Dibromoethane

Concen: 4.95 ug/L

RT: 8.932 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043878.D

Acq: 20 May 2021 20:28

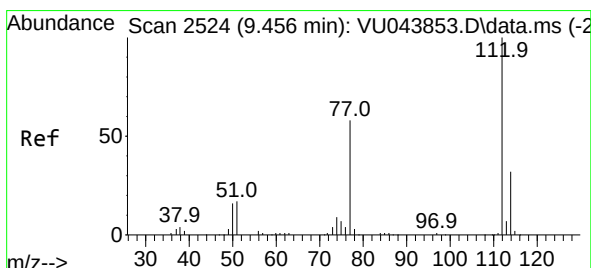
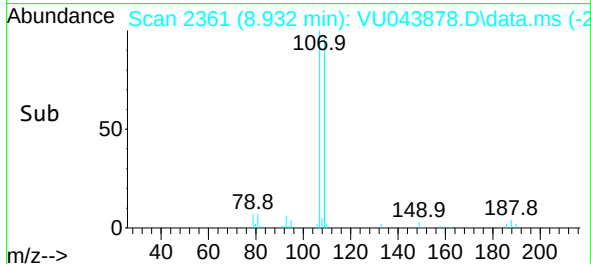
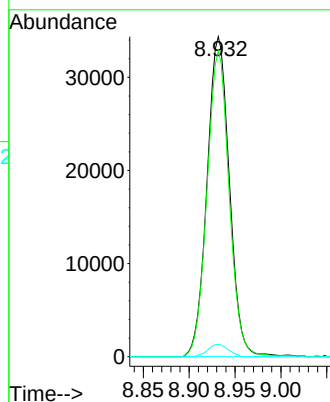
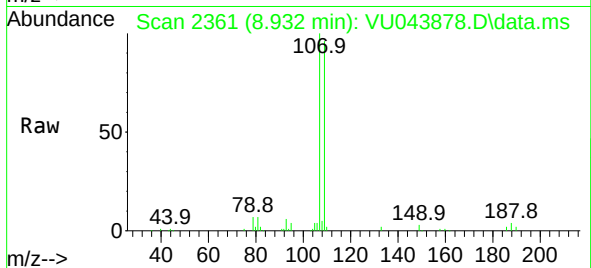
Instrument :

MSVOA_U

ClientSampleId :

VSTD005151

Tgt Ion:	107	Resp:	58271
Ion	Ratio	Lower	Upper
107	100		
109	95.6	67.7	125.7
188	3.8	3.3	4.9



#51

Chlorobenzene

Concen: 5.19 ug/L

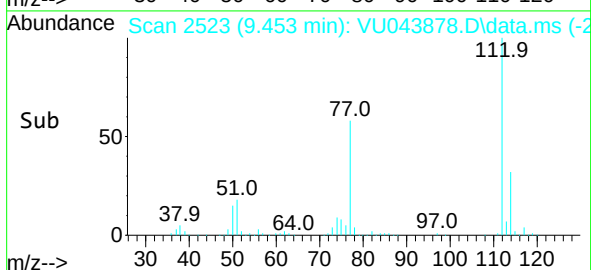
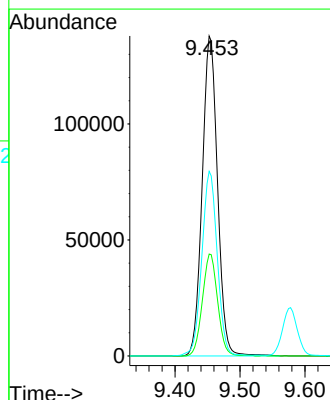
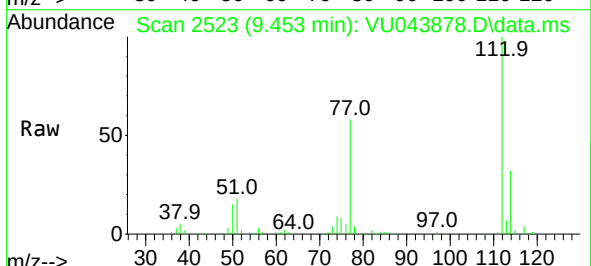
RT: 9.453 min Scan# 2523

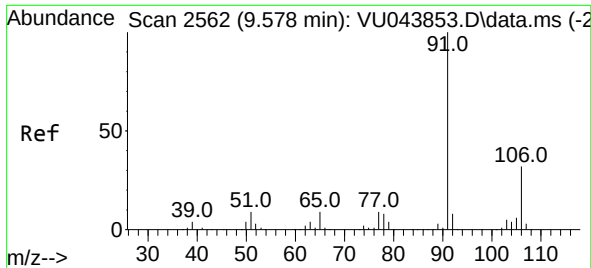
Delta R.T. -0.003 min

Lab File: VU043878.D

Acq: 20 May 2021 20:28

Tgt Ion:	112	Resp:	226609
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	57.7	47.8	71.8

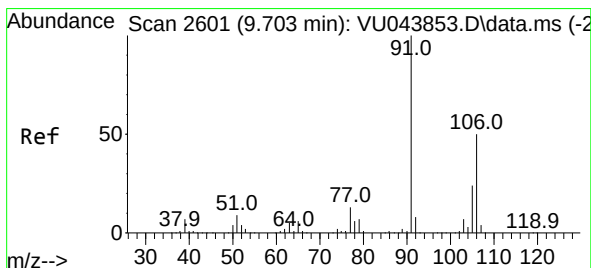
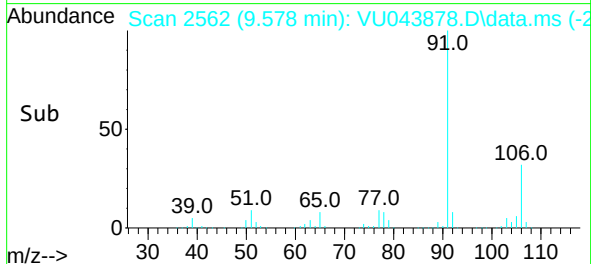
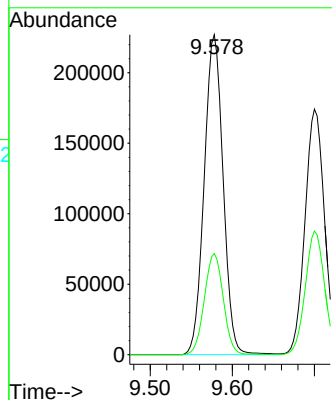
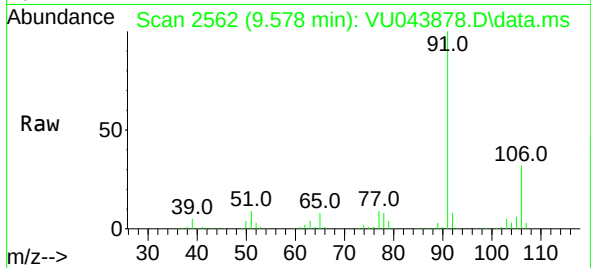




#52
Ethylbenzene
Concen: 5.09 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

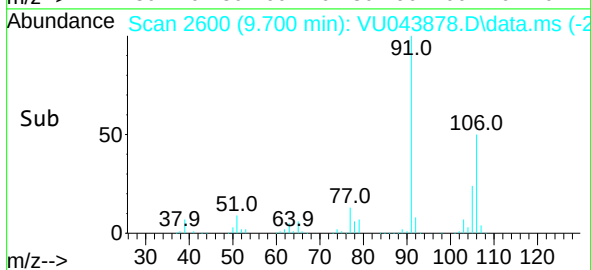
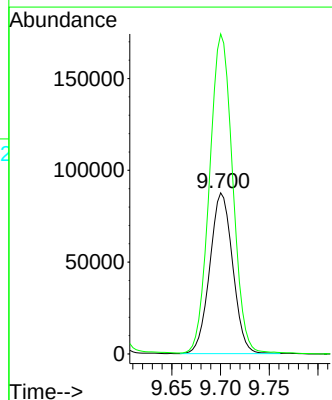
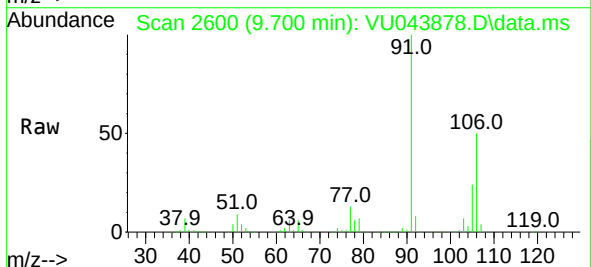
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

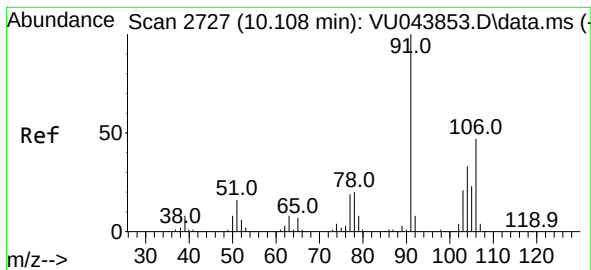
Tgt Ion: 91 Resp: 363780
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.26 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 106 Resp: 143126
Ion Ratio Lower Upper
106 100
91 198.6 144.4 268.2

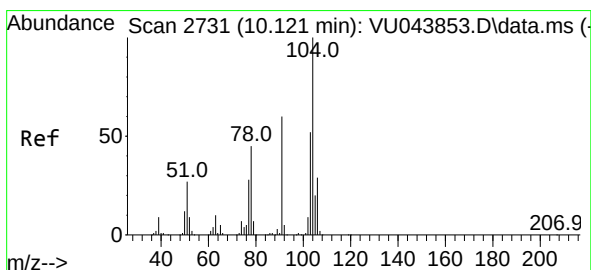
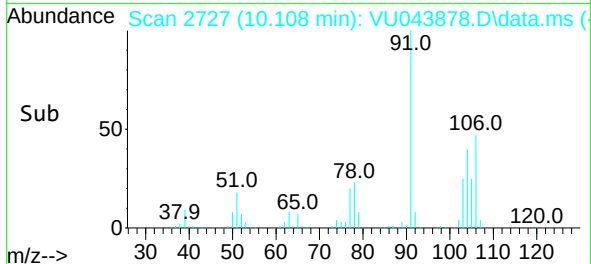
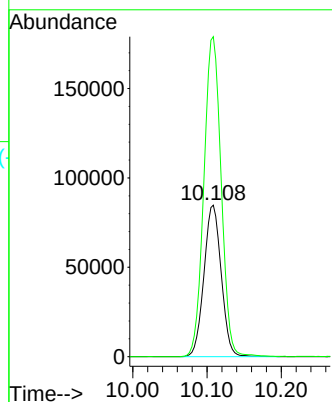
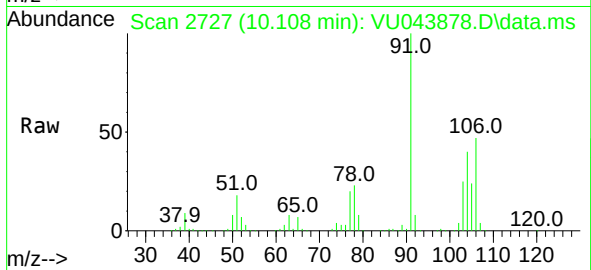




#54
o-Xylene
Concen: 5.26 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

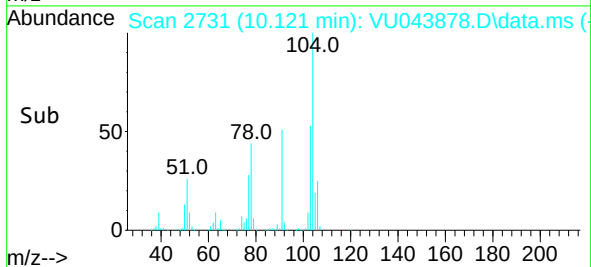
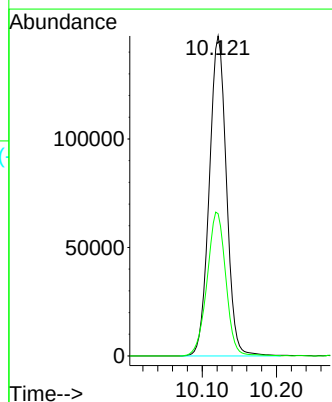
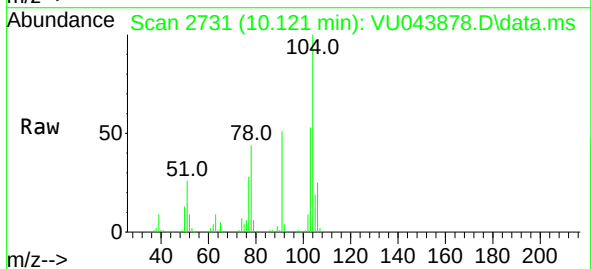
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

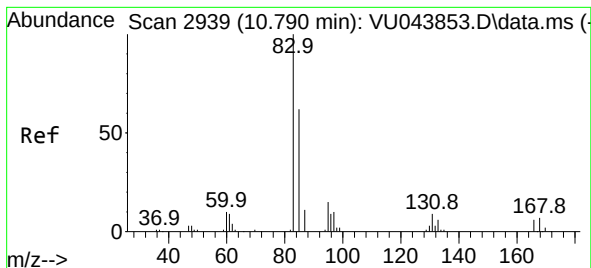
Tgt Ion:106 Resp: 136588
Ion Ratio Lower Upper
106 100
91 211.2 150.8 280.0



#55
Styrene
Concen: 5.40 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion:104 Resp: 236500
Ion Ratio Lower Upper
104 100
78 44.5 31.8 59.0

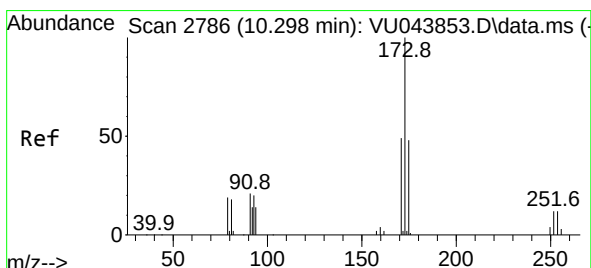
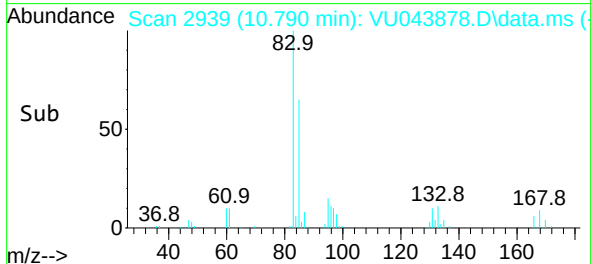
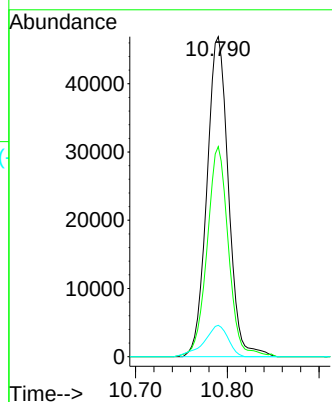
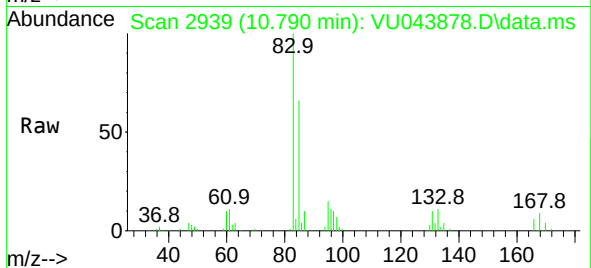




#57
1,1,2,2-Tetrachloroethane
Concen: 4.81 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

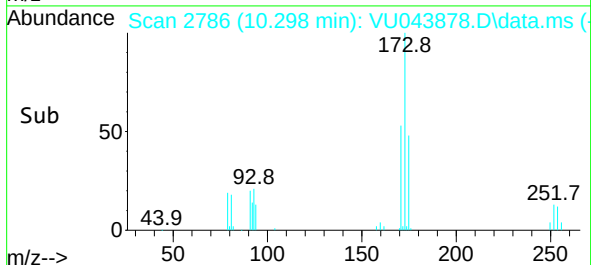
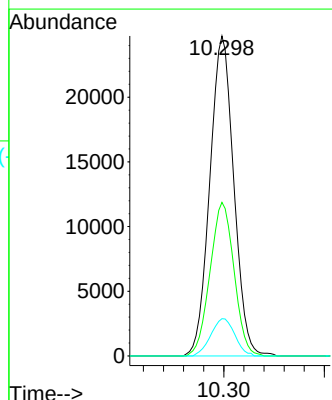
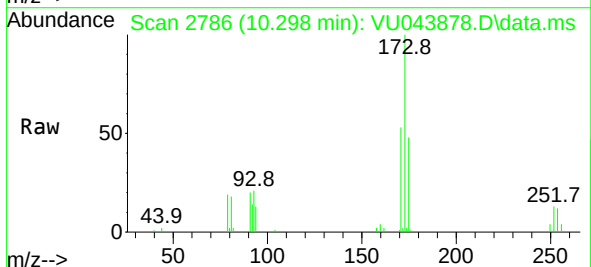
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

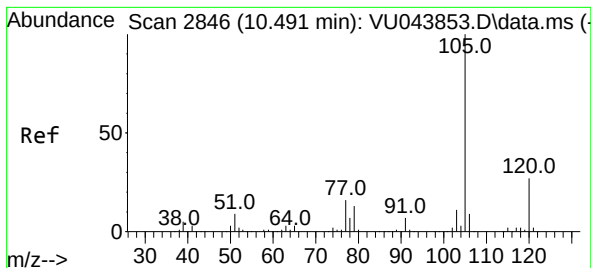
Tgt Ion: 83 Resp: 76372
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7
131 9.8 7.6 11.4



#59
Bromoform
Concen: 4.62 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 173 Resp: 40948
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 11.7 9.4 14.2





#60

Isopropylbenzene

Concen: 4.95 ug/L

RT: 10.491 min Scan# 2846

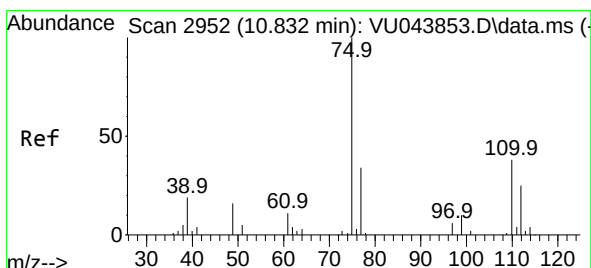
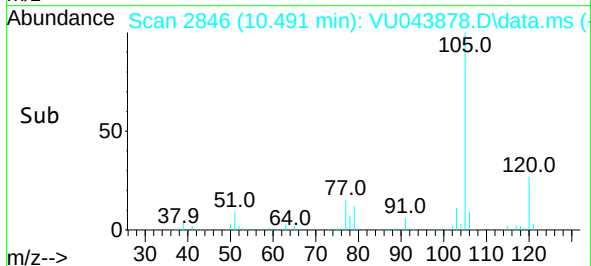
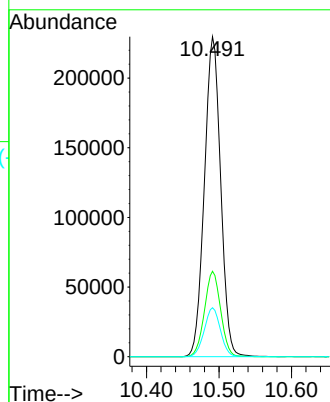
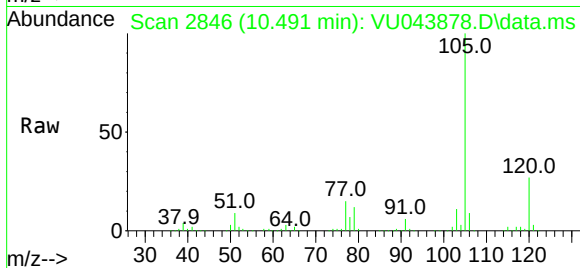
Delta R.T. 0.000 min

Lab File: VU043878.D

Acq: 20 May 2021 20:28

Tgt Ion:	105	Resp:	357522
Ion Ratio	Lower	Upper	
105	100		
120	26.5	21.3	31.9
77	15.3	12.6	19.0

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151



#61

1,2,3-Trichloropropane

Concen: 4.34 ug/L

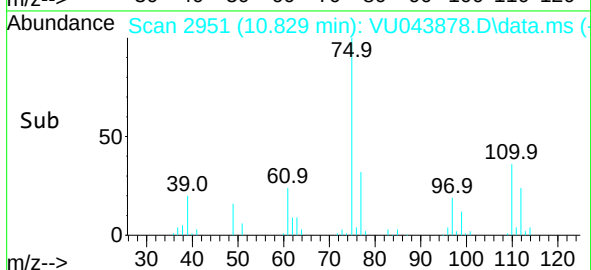
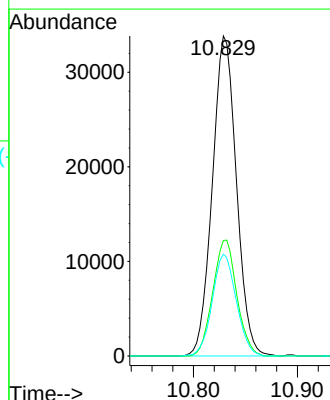
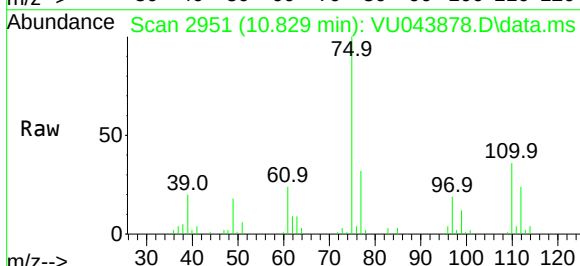
RT: 10.829 min Scan# 2951

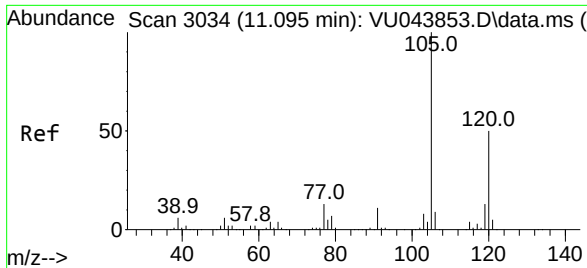
Delta R.T. -0.003 min

Lab File: VU043878.D

Acq: 20 May 2021 20:28

Tgt Ion:	75	Resp:	54402
Ion Ratio	Lower	Upper	
75	100		
110	36.1	27.9	41.9
77	31.7	25.9	38.9

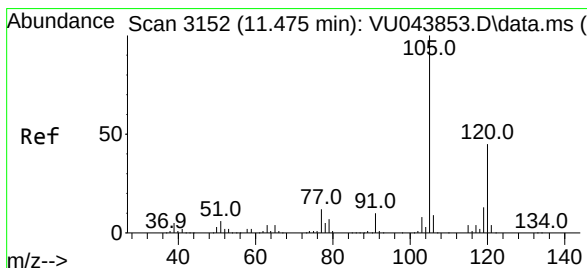
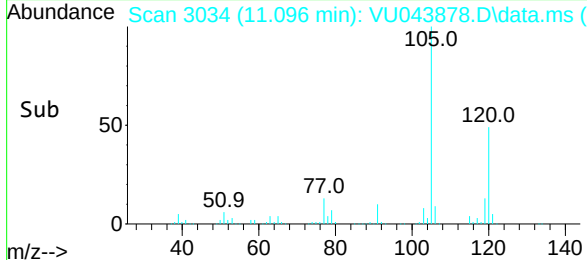
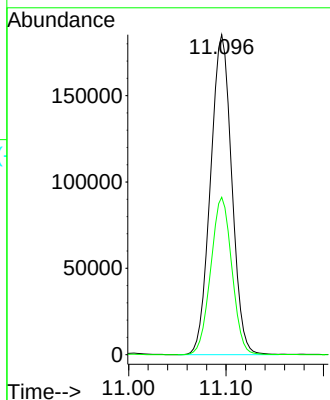
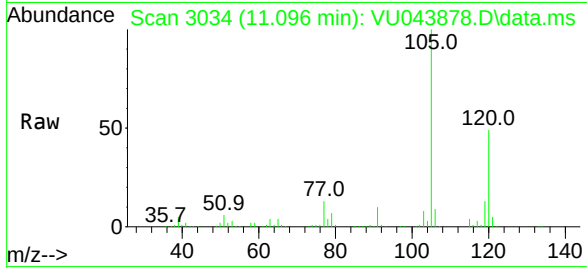




#62
 1,3,5-Trimethylbenzene
 Concen: 4.83 ug/L
 RT: 11.096 min Scan# 3034
 Delta R.T. 0.000 min
 Lab File: VU043878.D
 Acq: 20 May 2021 20:28

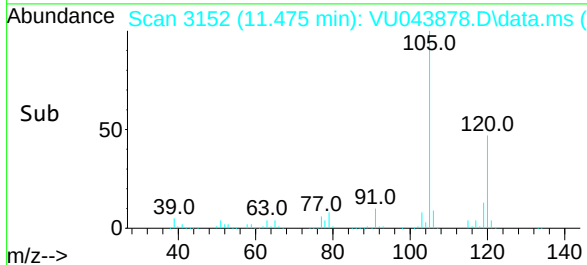
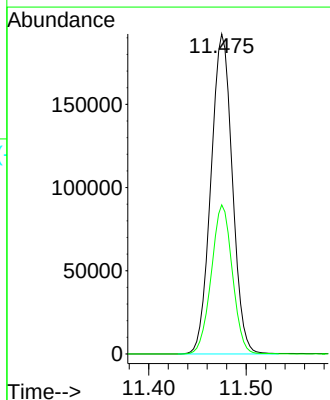
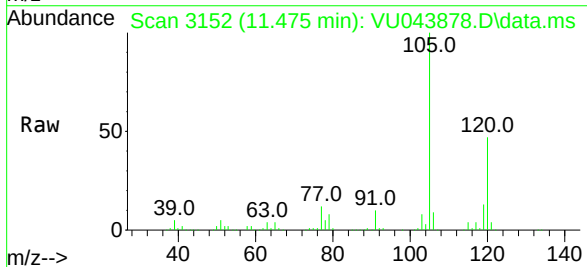
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

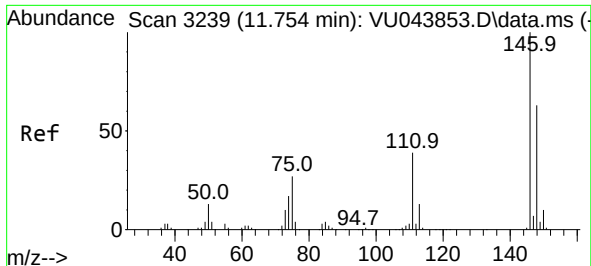
Tgt Ion:105 Resp: 280596
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 4.93 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VU043878.D
 Acq: 20 May 2021 20:28

Tgt Ion:105 Resp: 293491
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.0 54.0

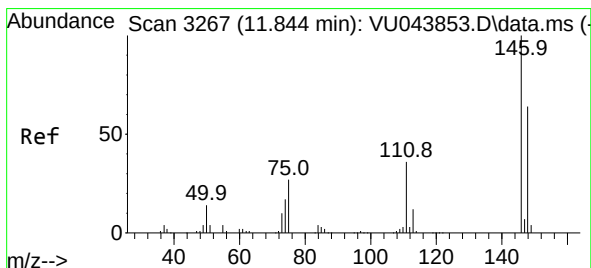
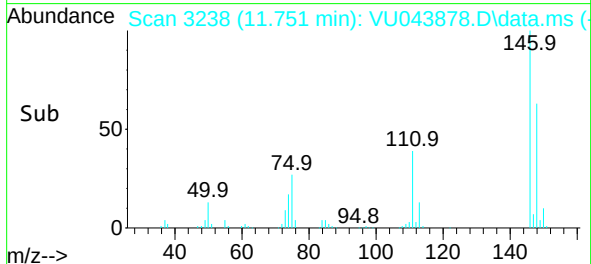
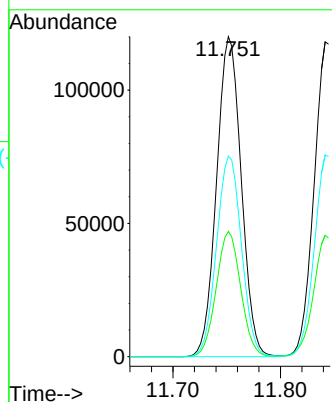
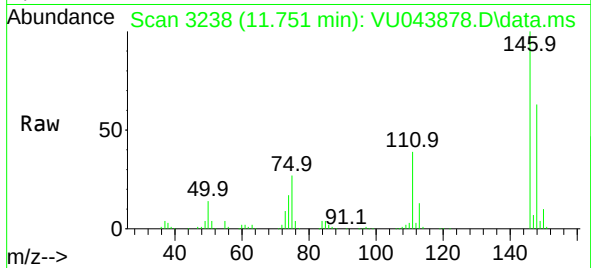




#64
1,3-Dichlorobenzene
Concen: 5.15 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

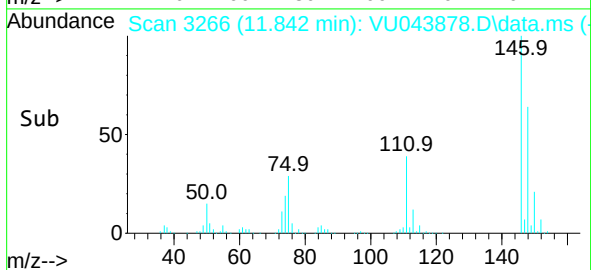
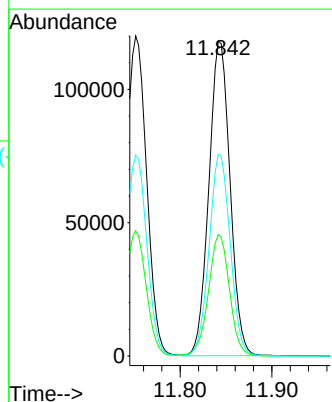
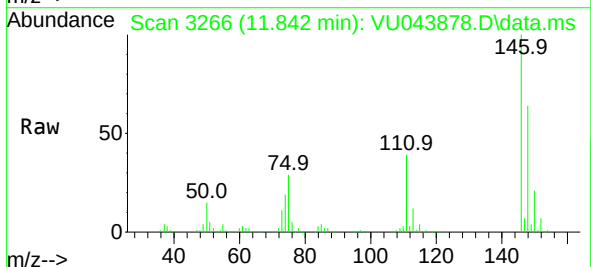
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

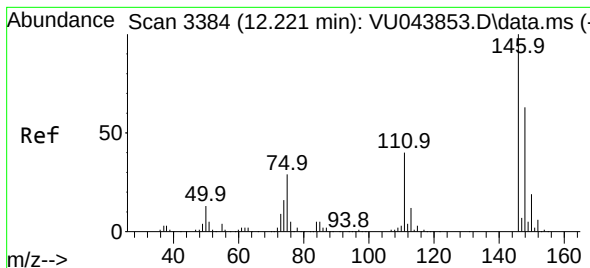
Tgt Ion:146 Resp: 191348
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.1
148 62.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.05 ug/L
RT: 11.842 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion:146 Resp: 188798
Ion Ratio Lower Upper
146 100
111 38.5 27.0 50.2
148 64.1 45.0 83.6

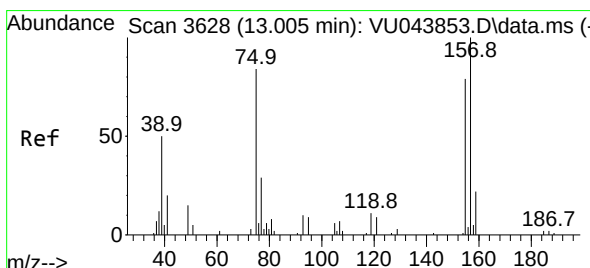
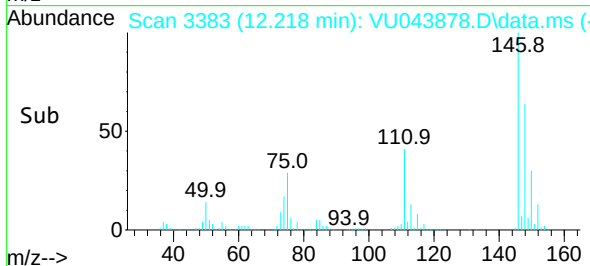
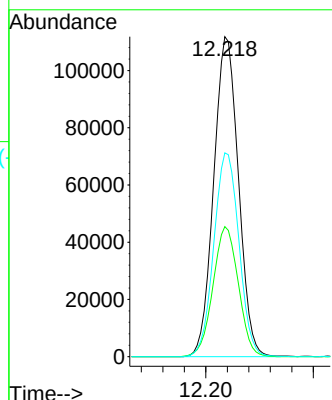
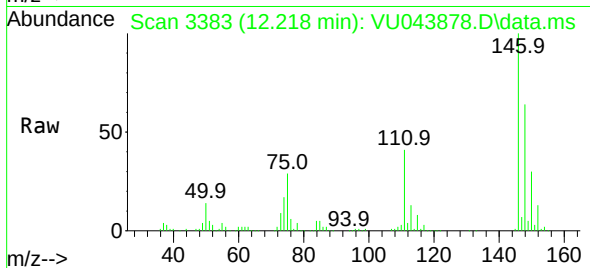




#67
1,2-Dichlorobenzene
Concen: 4.99 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

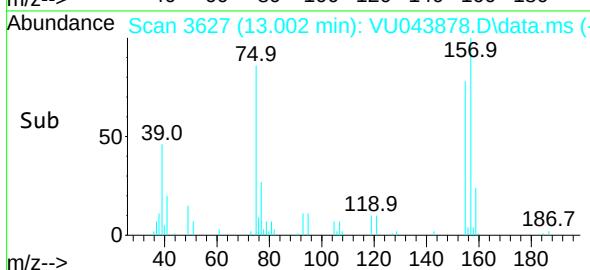
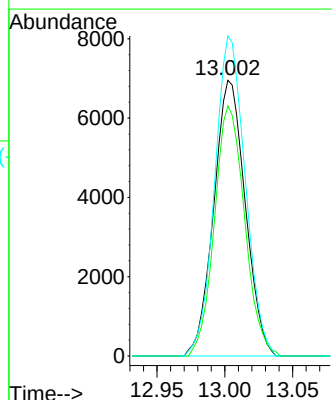
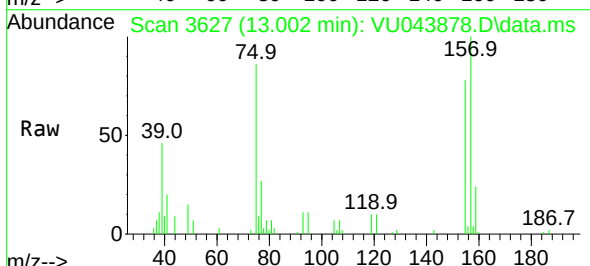
Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

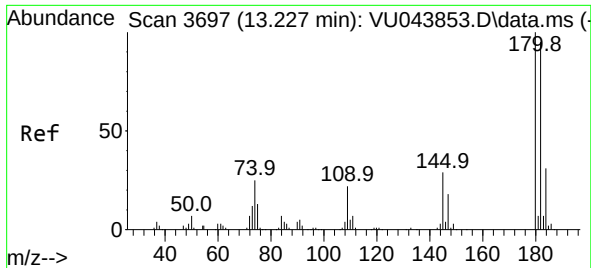
Tgt Ion:146 Resp: 178406
Ion Ratio Lower Upper
146 100
111 40.6 33.6 50.4
148 63.7 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.36 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion: 75 Resp: 11235
Ion Ratio Lower Upper
75 100
155 90.7 68.7 103.1
157 116.1 87.7 131.5

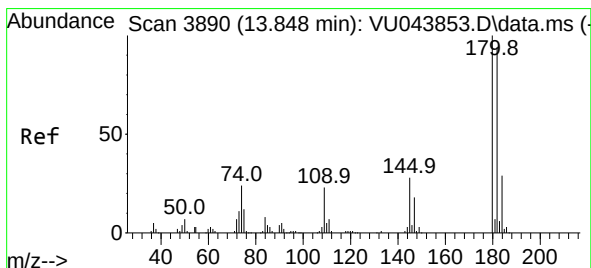
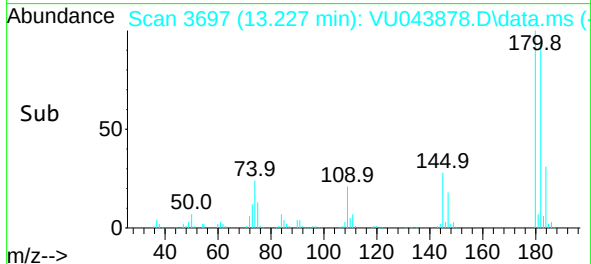
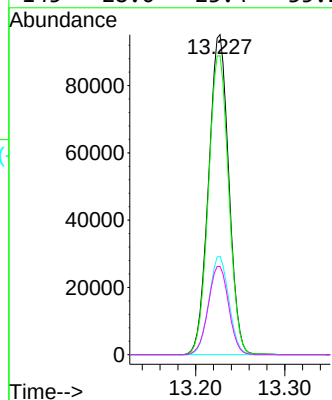
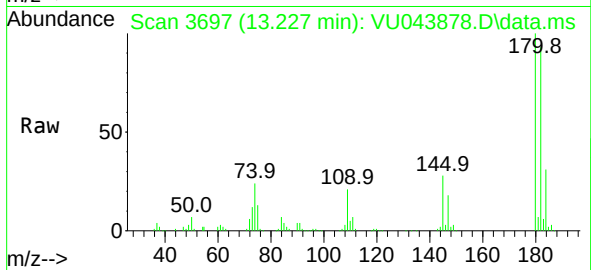




#69
 1,3,5-Trichlorobenzene
 Concen: 5.03 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU043878.D
 Acq: 20 May 2021 20:28

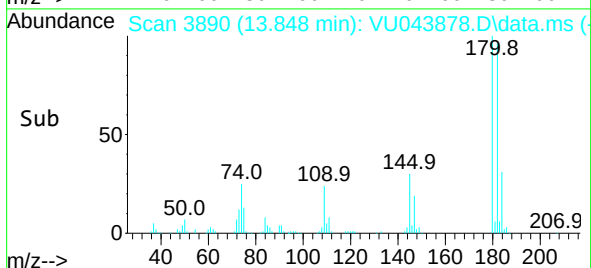
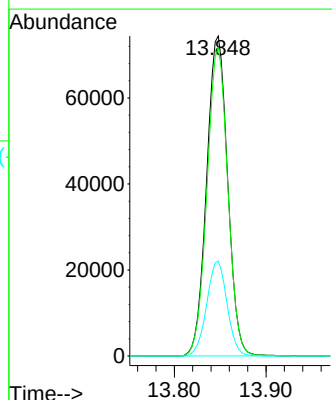
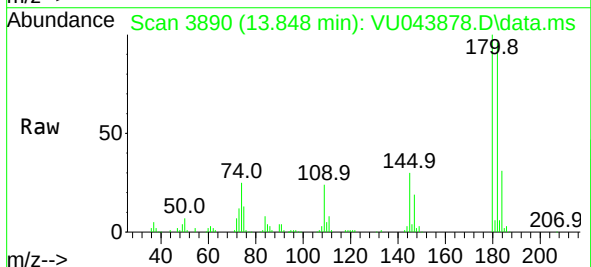
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005151

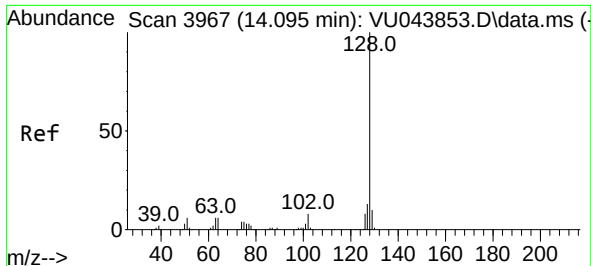
Tgt Ion:180 Resp: 149330
 Ion Ratio Lower Upper
 180 100
 182 93.9 78.2 117.2
 184 30.5 24.8 37.2
 145 28.0 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.83 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043878.D
 Acq: 20 May 2021 20:28

Tgt Ion:180 Resp: 118179
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.9 115.3
 145 28.8 23.0 34.4

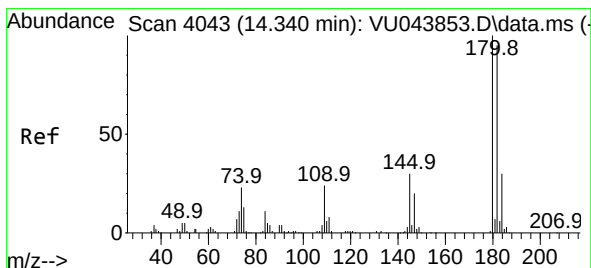
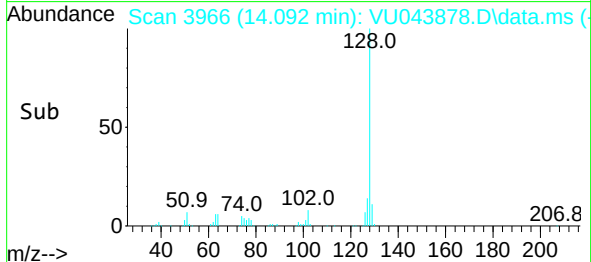
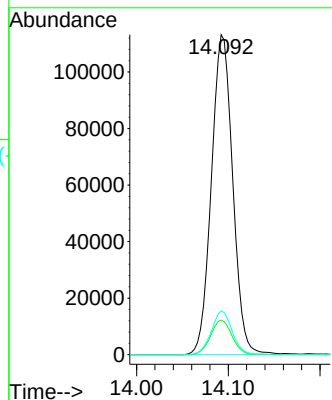
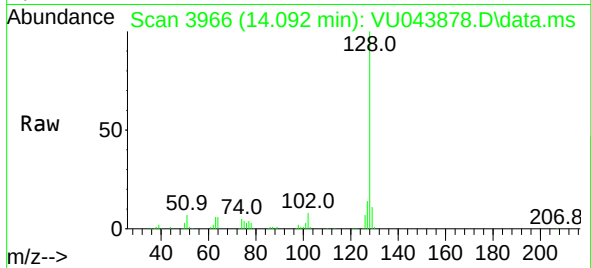




#71
Naphthalene
Concen: 4.24 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005151

Tgt Ion:128 Resp: 182810
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.92 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043878.D
Acq: 20 May 2021 20:28

Tgt Ion:180 Resp: 113944
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 30.8 24.6 36.8

