

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043293.D
 Acq On : 22 Apr 2021 21:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MS

Quant Time: Apr 22 23:44:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	96192	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	97057	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	50924	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21406	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.919	69	20280	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.571	65	14918	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.661	46	148823	69.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.74%#
24) Chloroform-d	5.073	84	72604	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
26) 1,2-Dichloroethane-d4	5.710	65	47342	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.735	84	122189	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.700	67	42968	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.906	98	114521	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.185	79	15283	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.645	63	95928	58.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41921	6.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.20%#
66) 1,2-Dichlorobenzene-d4	12.201	152	46129	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36843	5.98	ug/L	97
3) Chloromethane	1.523	50	32607	5.37	ug/L	99
5) Vinyl chloride	1.610	62	32667	5.17	ug/L	93
6) Bromomethane	1.864	94	17682	4.69	ug/L	100
8) Chloroethane	1.941	64	19245	4.23	ug/L	94
9) Trichlorofluoromethane	2.147	101	57575	4.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34800	5.47	ug/L	94
12) 1,1-Dichloroethene	2.588	96	32414	6.06	ug/L	88
13) Acetone	2.973	43	9192	5.83	ug/L	90
14) Carbon disulfide	2.803	76	78609	5.77	ug/L	99
15) Methyl Acetate	2.973	43	19255	6.50	ug/L	# 85
16) Methylene chloride	3.057	84	49834	7.20	ug/L	# 74
17) Methyl tert-butyl Ether	3.379	73	96575	5.52	ug/L	# 91
18) trans-1,2-Dichloroethene	3.362	96	31508	5.53	ug/L	86
19) 1,1-Dichloroethane	3.880	63	72031	5.80	ug/L	97
21) 2-Butanone	4.742	43	179653	69.05	ug/L	78
22) cis-1,2-Dichloroethene	4.678	96	37731	5.59	ug/L	83
23) Bromochloromethane	4.986	128	18949	6.16	ug/L	# 78
25) Chloroform	5.099	83	77184	5.83	ug/L	98

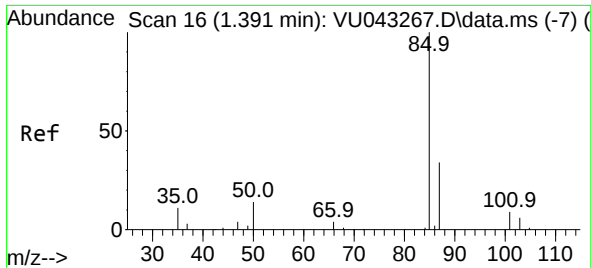
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	58495	6.02	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	65389	5.46	ug/L #	94
30) Cyclohexane	5.401	56	52780	5.14	ug/L	84
31) Carbon tetrachloride	5.533	117	55338	5.54	ug/L	98
33) Benzene	5.784	78	149848	5.77	ug/L	100
34) Trichloroethene	6.549	95	37927	5.31	ug/L	95
35) Methylcyclohexane	6.771	83	46294	4.68	ug/L #	89
37) 1,2-Dichloropropane	6.800	63	42230	5.78	ug/L #	92
38) Bromodichloromethane	7.115	83	56717	5.78	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	51438	4.82	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	426803	65.29	ug/L #	82
42) Toluene	7.976	91	156748	5.40	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	48604	4.83	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	31642	5.80	ug/L	99
47) Tetrachloroethene	8.558	164	29665	5.23	ug/L	98
48) 2-Hexanone	8.697	43	322305	67.01	ug/L #	83
49) Dibromochloromethane	8.819	129	39067	5.67	ug/L	93
50) 1,2-Dibromoethane	8.931	107	31244	5.75	ug/L	99
51) Chlorobenzene	9.452	112	99705	5.39	ug/L	96
52) Ethylbenzene	9.578	91	168259	5.07	ug/L	97
53) m,p-Xylene	9.700	106	62994	5.19	ug/L	92
54) o-Xylene	10.108	106	61373	5.10	ug/L	92
55) Styrene	10.121	104	107138	5.20	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	44176	6.15	ug/L	98
59) Bromoform	10.298	173	23998	5.77	ug/L	98
60) Isopropylbenzene	10.491	105	167418	5.12	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	32680	6.21	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	132864	4.97	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	134436	4.89	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	83530	5.38	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	81576	5.19	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	82873	5.50	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	7423	5.80	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	62225	4.89	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	54611	5.18	ug/L	96
71) Naphthalene	14.092	128	105250	5.92	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	55440	5.74	ug/L	98

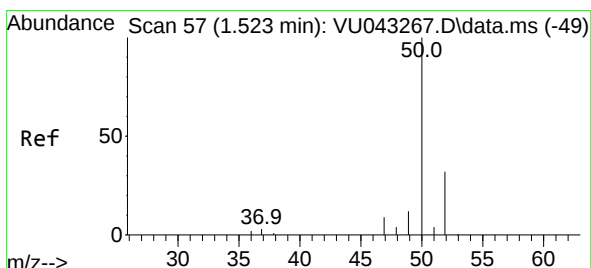
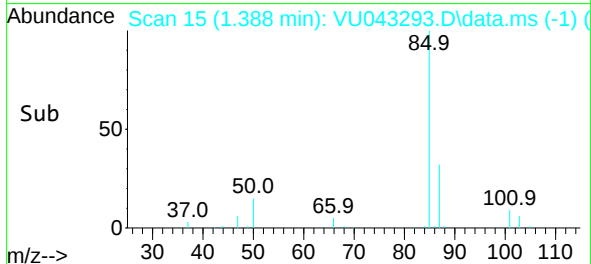
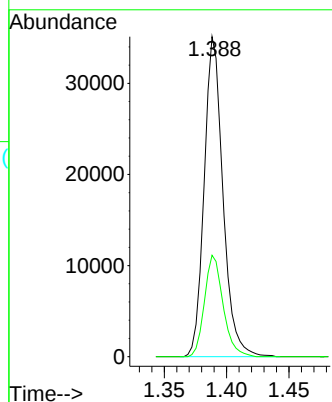
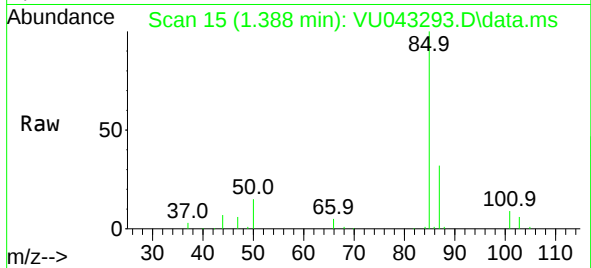
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.98 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

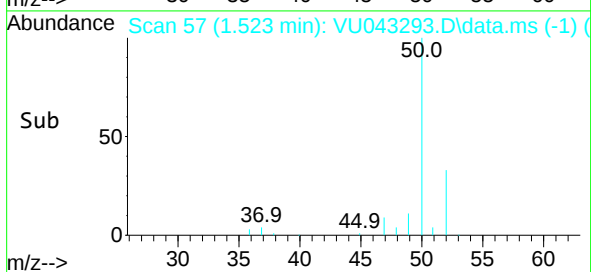
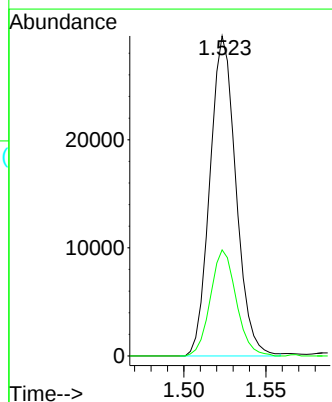
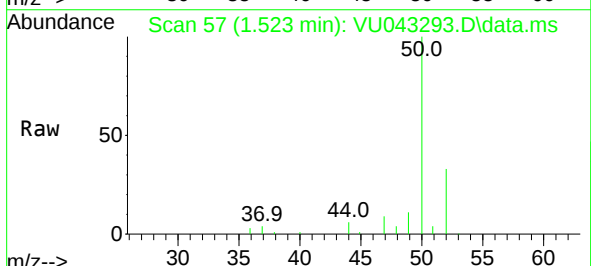
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

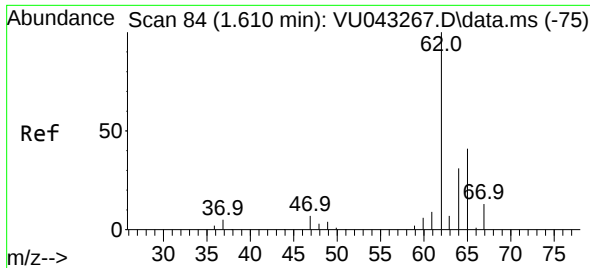
Tgt Ion: 85 Resp: 36843
Ion Ratio Lower Upper
85 100
87 31.4 26.3 39.5



#3
Chloromethane
Concen: 5.37 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 50 Resp: 32607
Ion Ratio Lower Upper
50 100
52 33.2 23.6 43.8

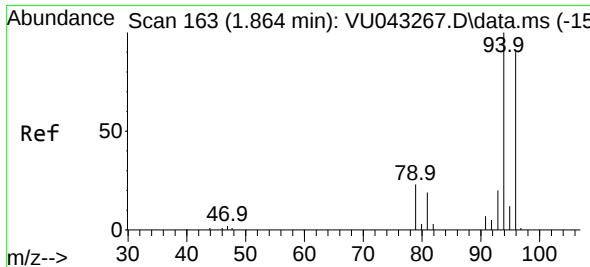
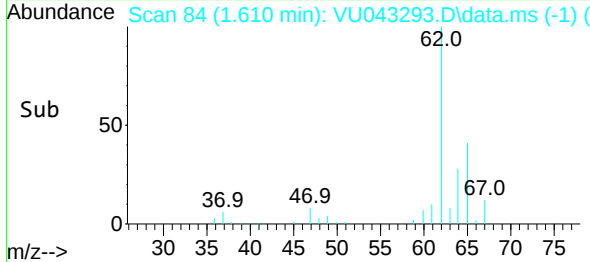
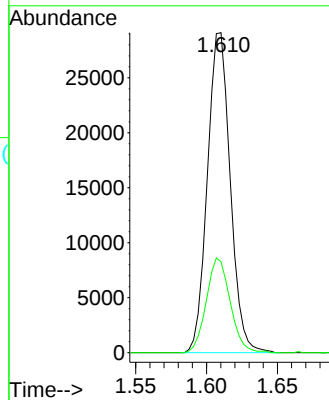
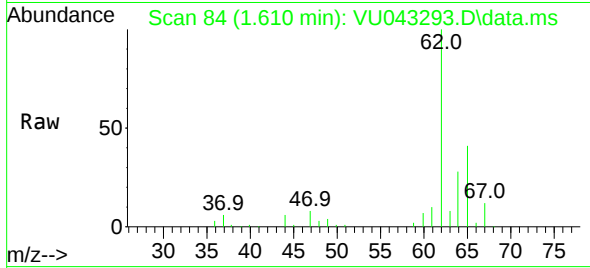




#5
 Vinyl chloride
 Concen: 5.17 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU043293.D
 Acq: 22 Apr 2021 21:12

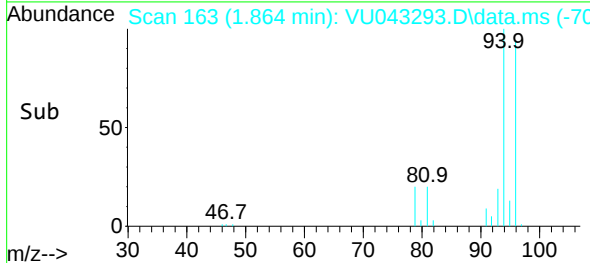
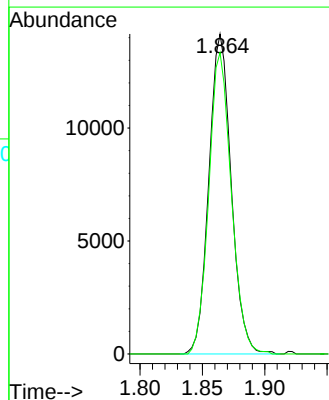
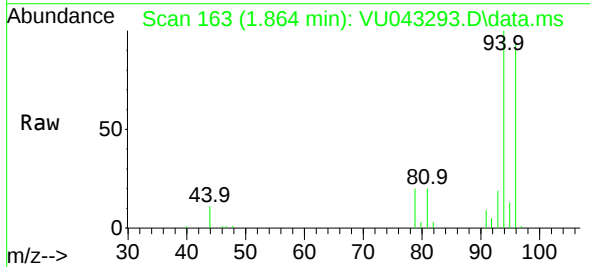
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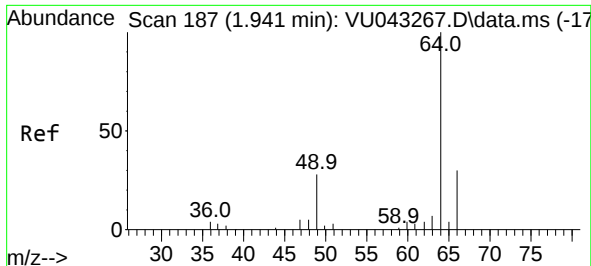
Tgt Ion: 62 Resp: 32667
 Ion Ratio Lower Upper
 62 100
 64 28.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.69 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043293.D
 Acq: 22 Apr 2021 21:12

Tgt Ion: 94 Resp: 17682
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.1 122.7

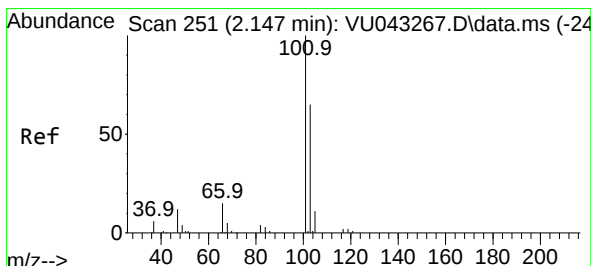
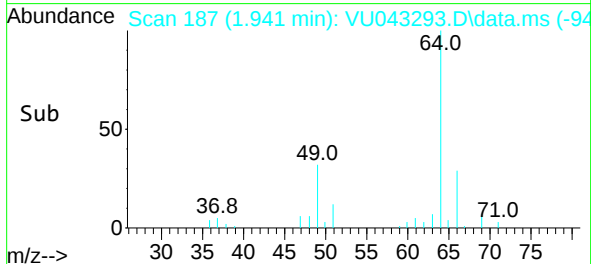
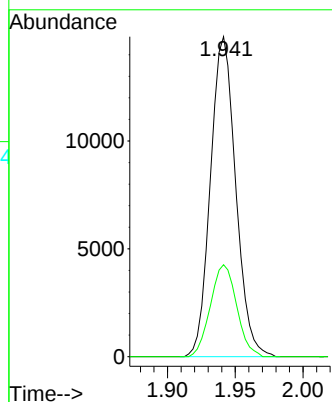
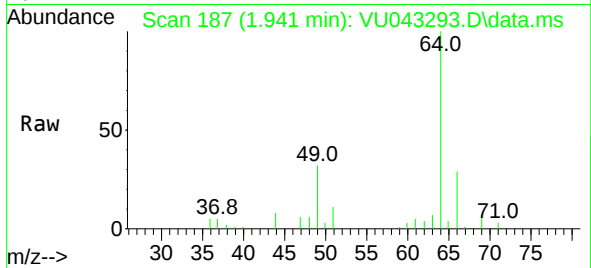




#8
Chloroethane
Concen: 4.23 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

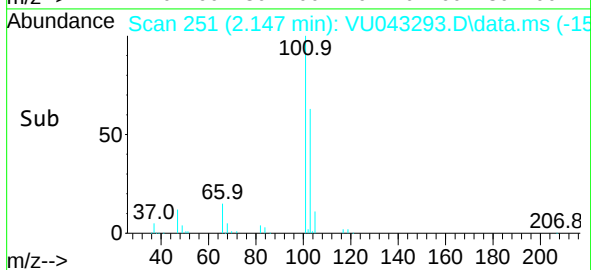
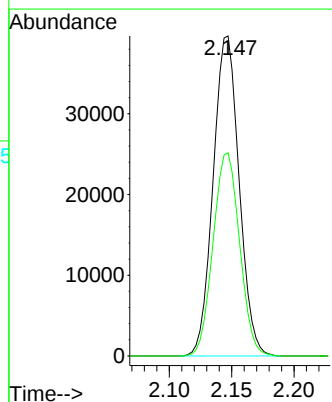
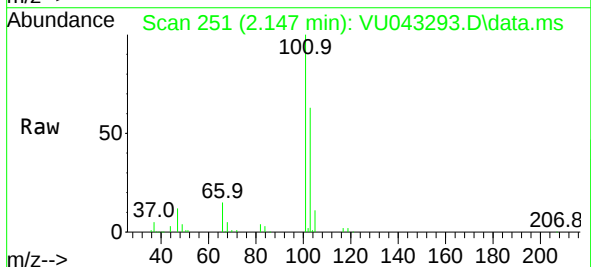
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

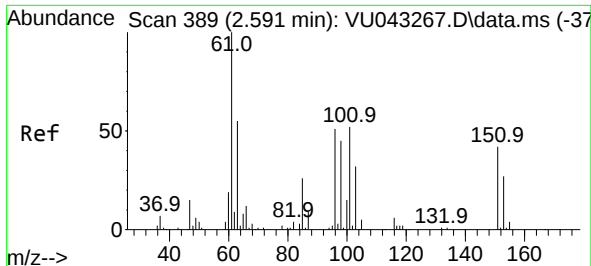
Tgt Ion: 64 Resp: 19245
Ion Ratio Lower Upper
64 100
66 28.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.89 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:101 Resp: 57575
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

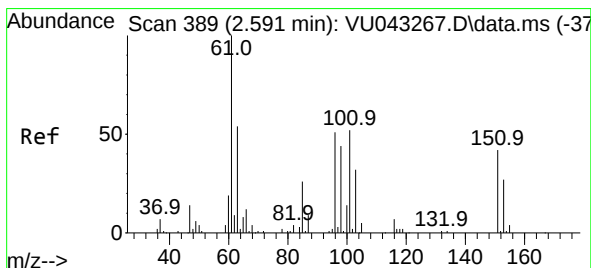
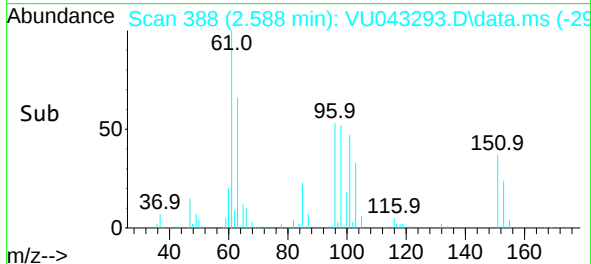
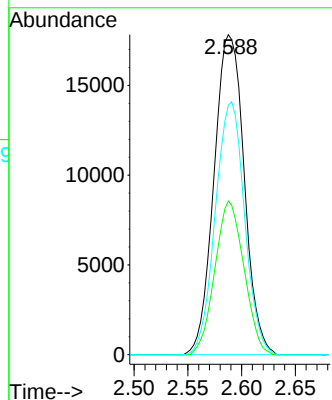
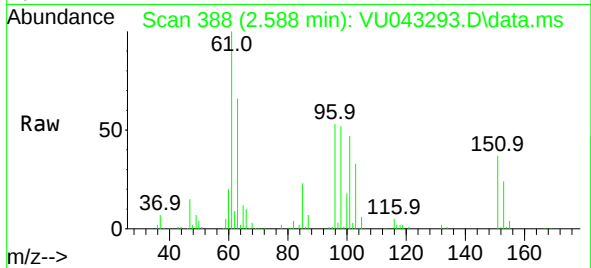




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.47 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

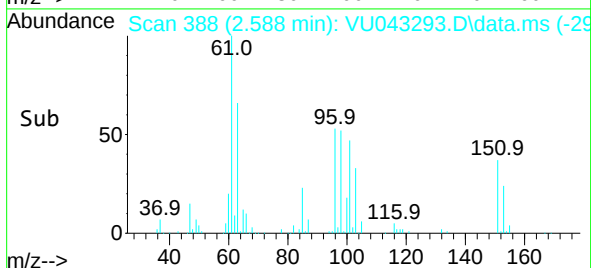
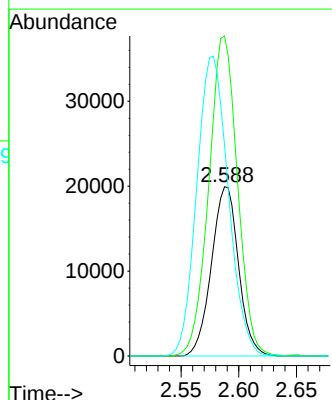
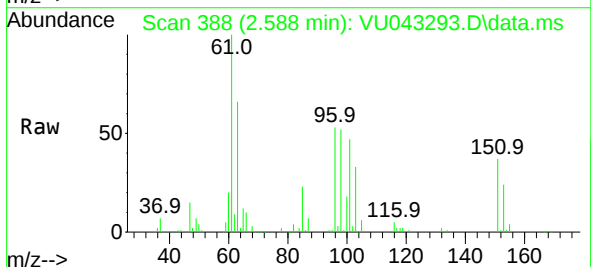
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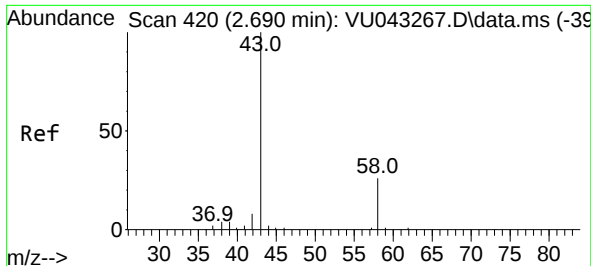
Tgt Ion:101 Resp: 34800
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 76.7 57.4 86.2



#12
1,1-Dichloroethene
Concen: 6.06 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

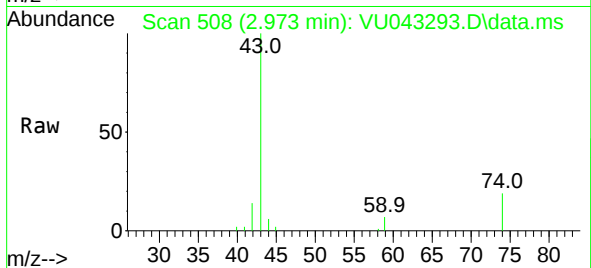
Tgt Ion: 96 Resp: 32414
Ion Ratio Lower Upper
96 100
61 189.1 115.1 213.7
63 124.8 84.1 156.1



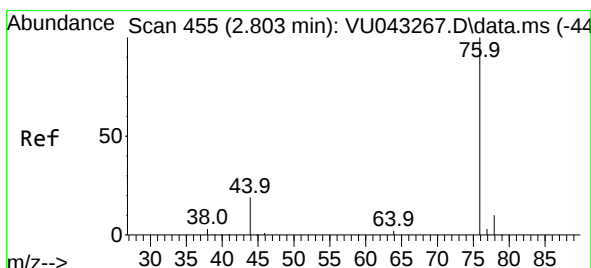
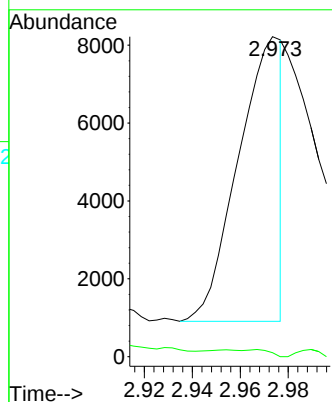
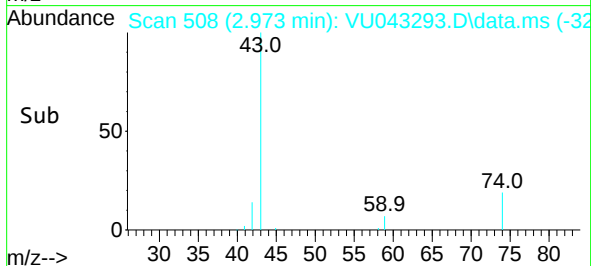


#13
Acetone
Concen: 5.83 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.283 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

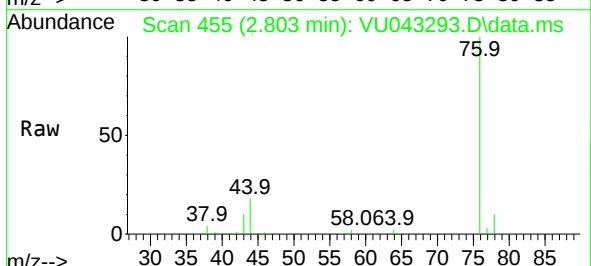
Instrument :
MSVOA_U
ClientSampled :
H4511MS



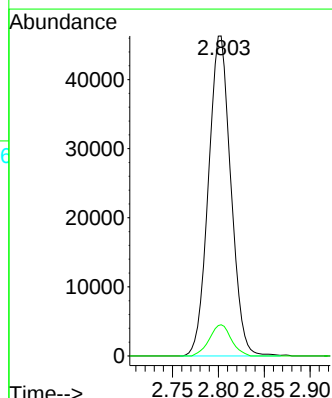
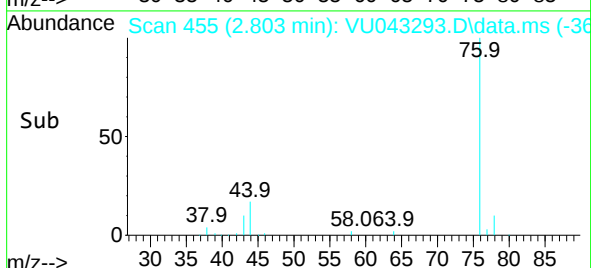
Tgt Ion: 43 Resp: 9192
Ion Ratio Lower Upper
43 100
58 8.6 0.0 25.0

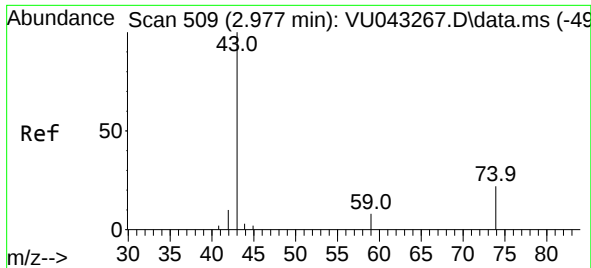


#14
Carbon disulfide
Concen: 5.77 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12



Tgt Ion: 76 Resp: 78609
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

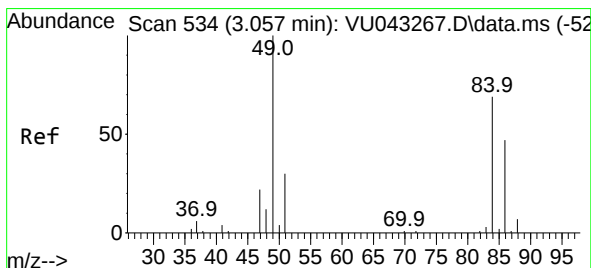
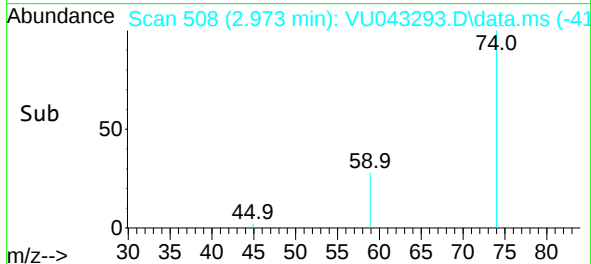
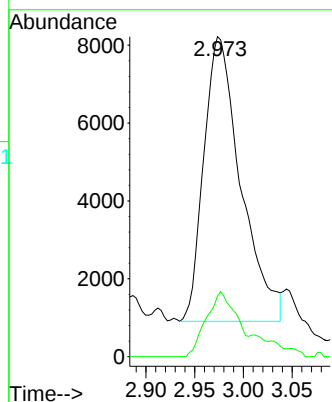
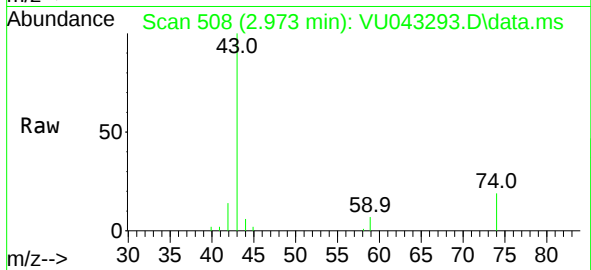




#15
Methyl Acetate
Concen: 6.50 ug/L
RT: 2.973 min Scan# 508
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

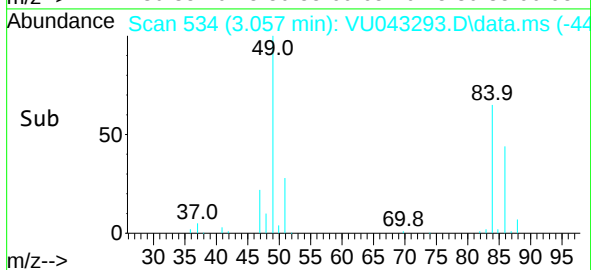
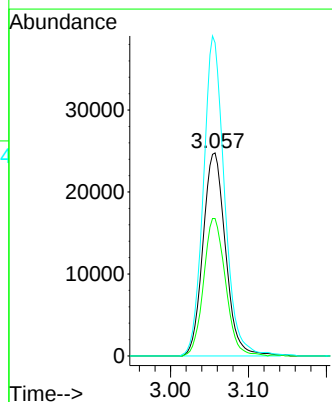
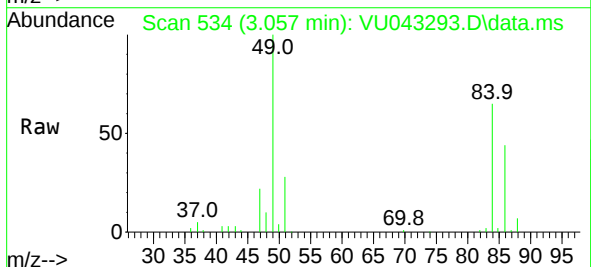
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

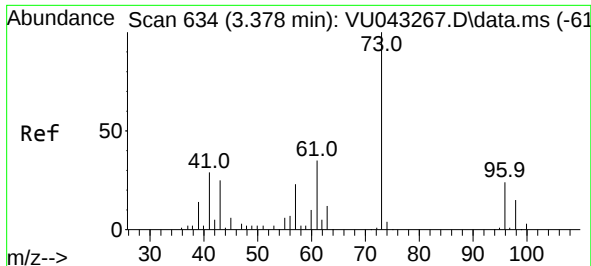
Tgt Ion: 43 Resp: 19255
Ion Ratio Lower Upper
43 100
74 19.0 21.5 32.3#



#16
Methylene chloride
Concen: 7.20 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 84 Resp: 49834
Ion Ratio Lower Upper
84 100
86 67.7 44.9 83.5
49 154.3 79.0 146.8#



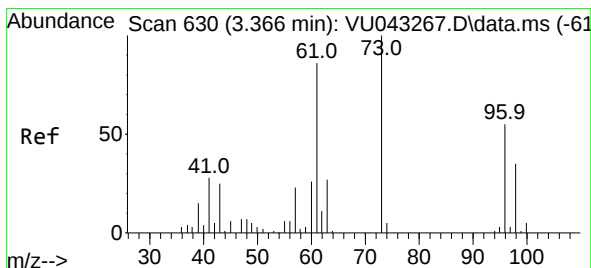
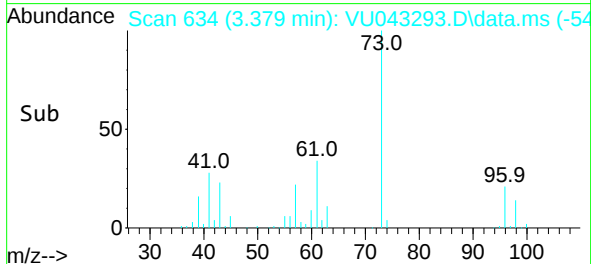
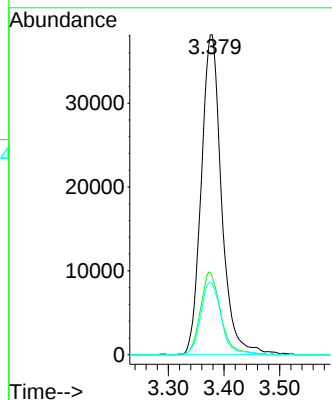
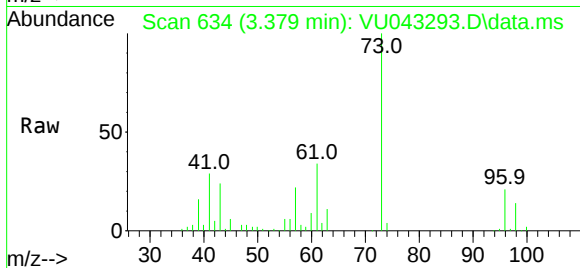


#17

Methyl tert-butyl Ether
Concen: 5.52 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

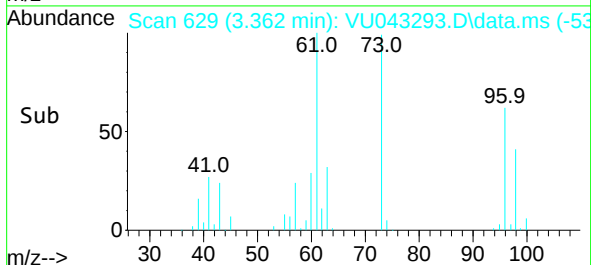
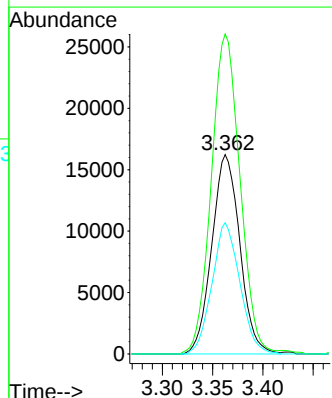
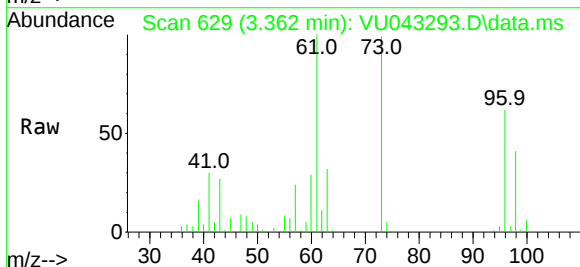
Tgt Ion:	73	Resp:	96575
Ion	Ratio	Lower	Upper
73	100		
43	25.9	15.0	22.4#
57	22.7	17.3	25.9

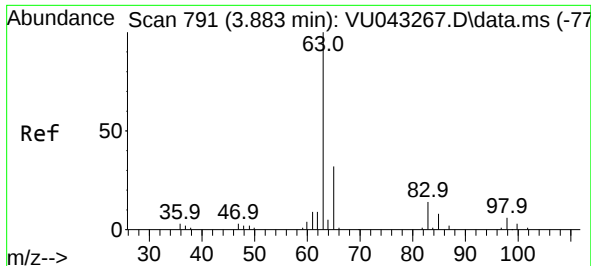


#18

trans-1,2-Dichloroethene
Concen: 5.53 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:	96	Resp:	31508
Ion	Ratio	Lower	Upper
96	100		
61	160.6	96.6	179.4
98	65.8	44.7	82.9





#19

1,1-Dichloroethane

Concen: 5.80 ug/L

RT: 3.880 min Scan# 790

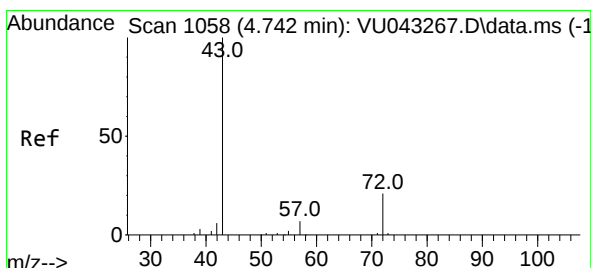
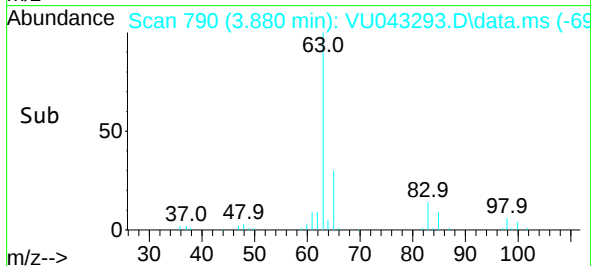
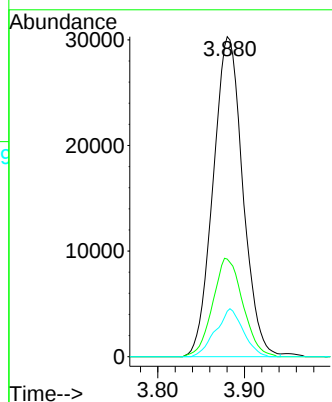
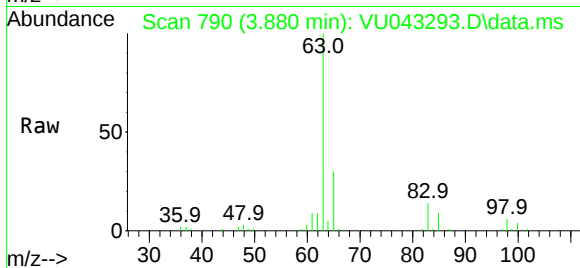
Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 22 Apr 2021 21:12

Tgt Ion:	63	Resp:	72031
Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.2	43.0
83	14.2	9.9	18.3

Instrument :
MSVOA_U
ClientSampleId :
H4511MS



#21

2-Butanone

Concen: 69.05 ug/L

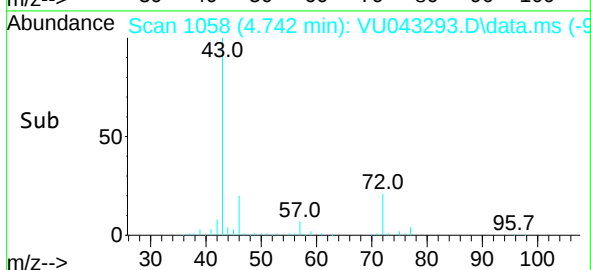
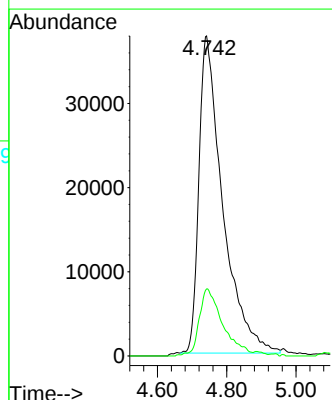
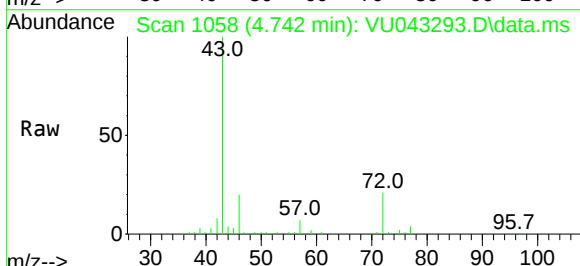
RT: 4.742 min Scan# 1058

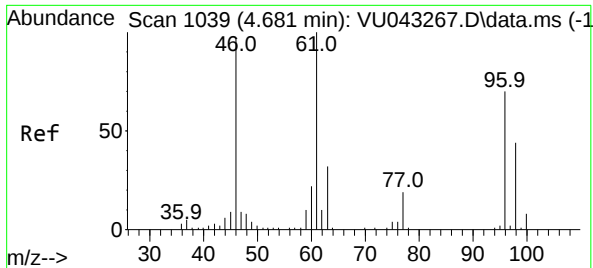
Delta R.T. 0.000 min

Lab File: VU043293.D

Acq: 22 Apr 2021 21:12

Tgt Ion:	43	Resp:	179653
Ion	Ratio	Lower	Upper
43	100		
72	19.3	15.8	47.3

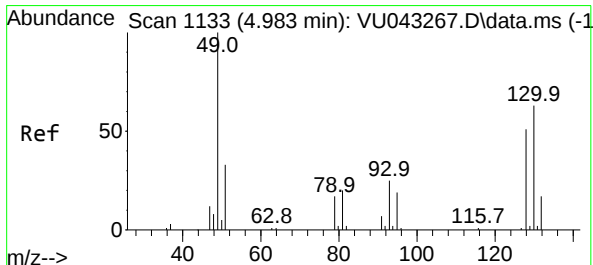
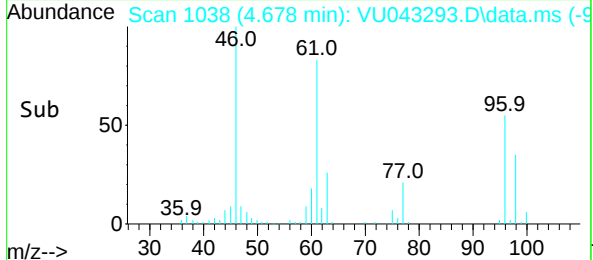
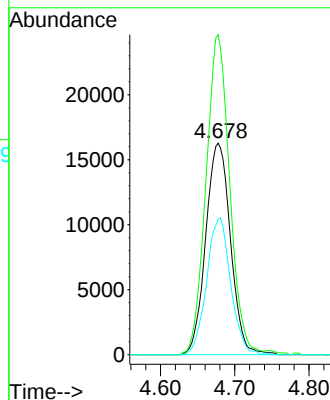
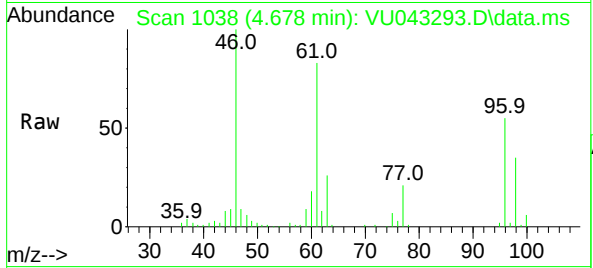




#22
 cis-1,2-Dichloroethene
 Concen: 5.59 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.003 min
 Lab File: VU043293.D
 Acq: 22 Apr 2021 21:12

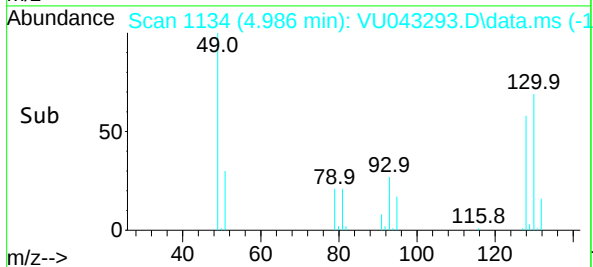
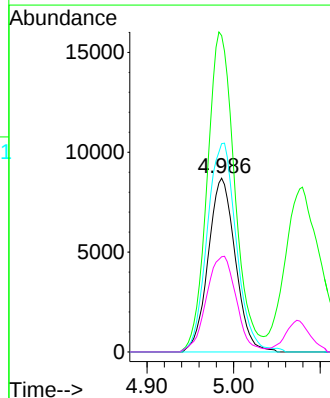
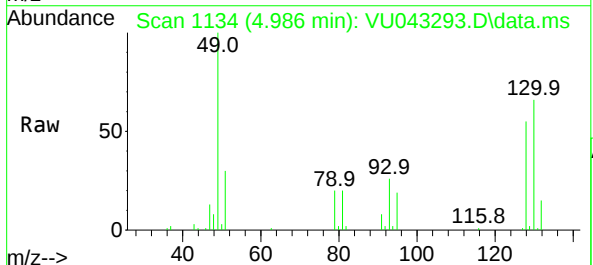
Instrument :
 MSVOA_U
 ClientSampleId :
 H4511MS

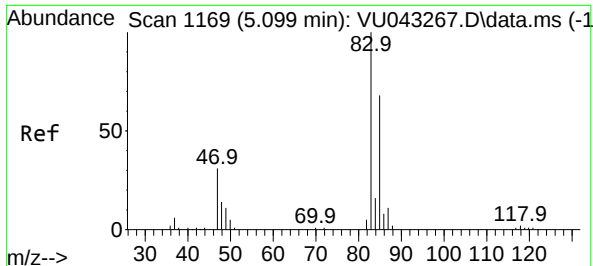
Tgt Ion: 96	Resp: 37731
Ion Ratio	Lower Upper
96 100	
61 151.3	87.4 162.4
98 63.9	47.7 88.5



#23
 Bromochloromethane
 Concen: 6.16 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU043293.D
 Acq: 22 Apr 2021 21:12

Tgt	Ion:128	Resp:	18949
Ion	Ratio	Lower	Upper
128	100		
49	182.1	96.4	179.0#
130	119.9	91.2	169.4
51	54.8	35.0	52.6#



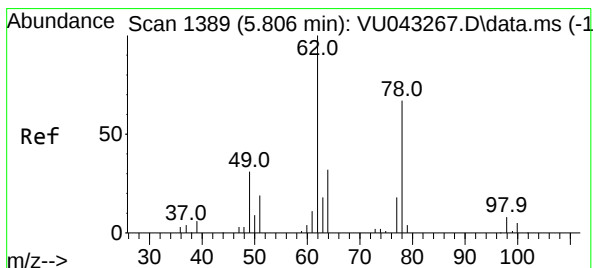
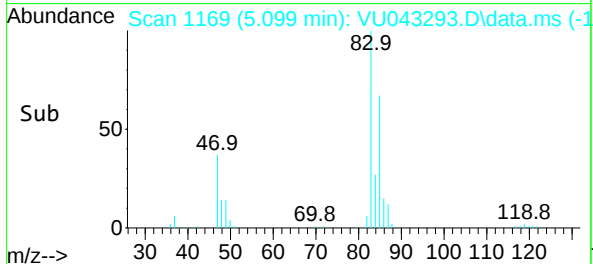
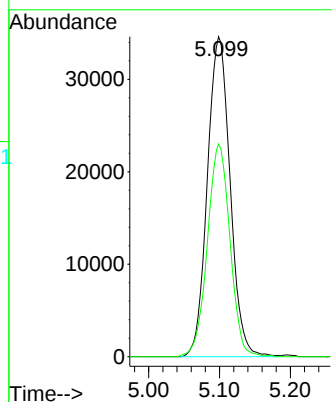
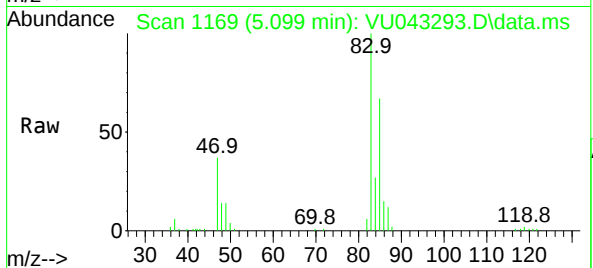


#25

Chloroform
Concen: 5.83 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

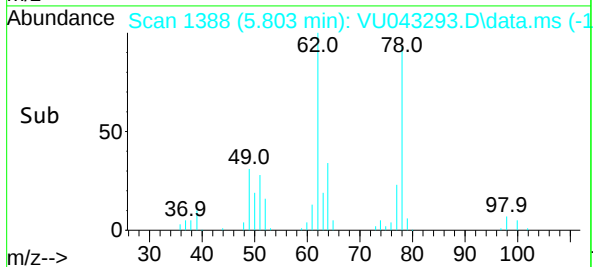
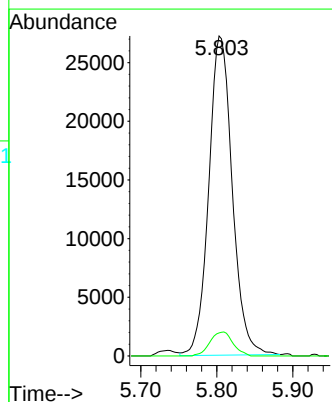
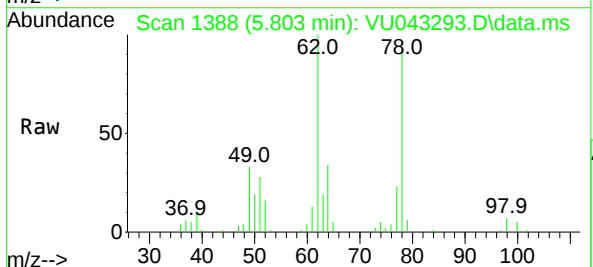
Tgt Ion: 83 Resp: 77184
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.8

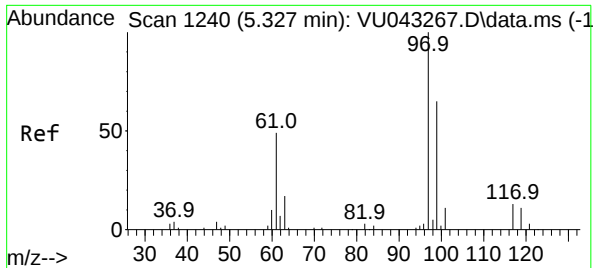


#27

1,2-Dichloroethane
Concen: 6.02 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 62 Resp: 58495
Ion Ratio Lower Upper
62 100
98 7.2 7.5 11.3#



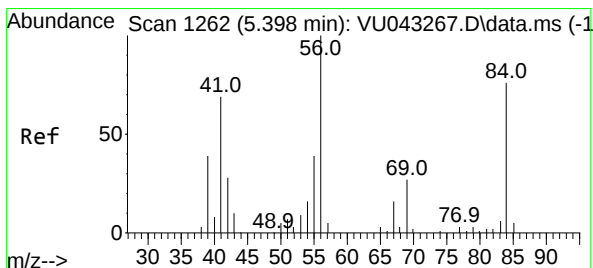
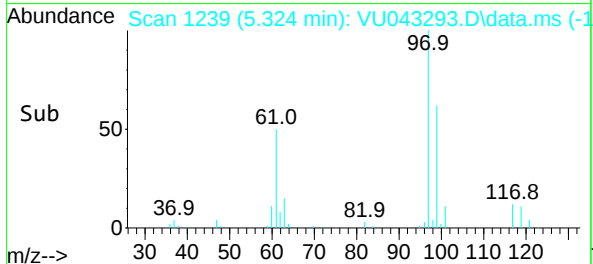
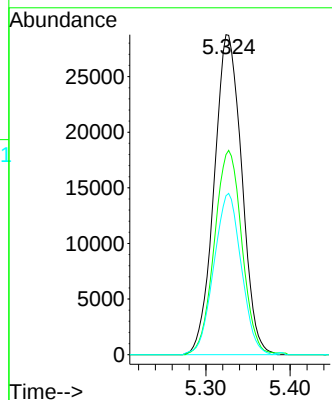
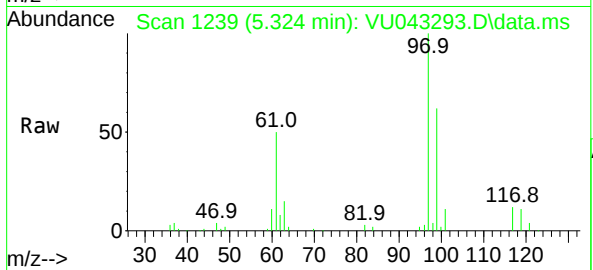


#29

1,1,1-Trichloroethane
Concen: 5.46 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Instrument :
MSVOA_U
ClientSampled :
H4511MS

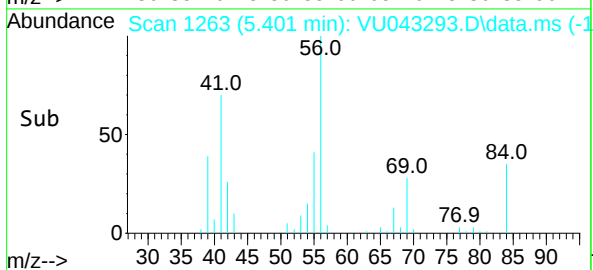
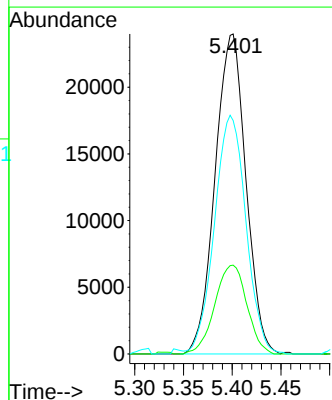
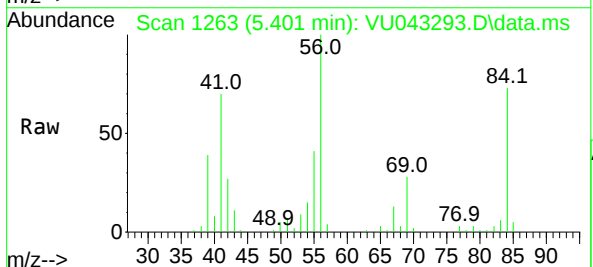
Tgt Ion: 97 Resp: 65389
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 50.1 32.7 49.1#

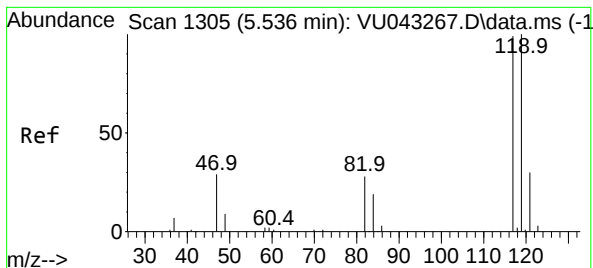


#30

Cyclohexane
Concen: 5.14 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 56 Resp: 52780
Ion Ratio Lower Upper
56 100
69 28.9 25.2 37.8
84 76.4 76.2 114.4

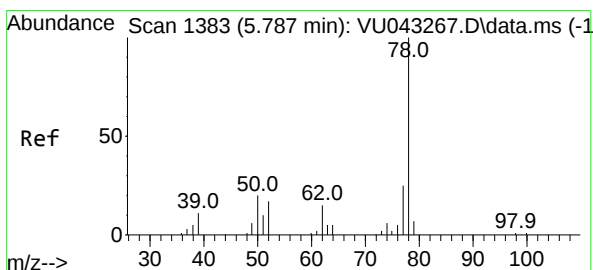
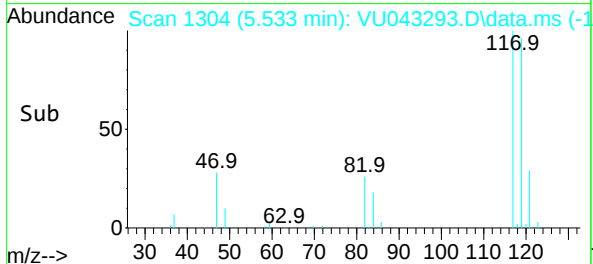
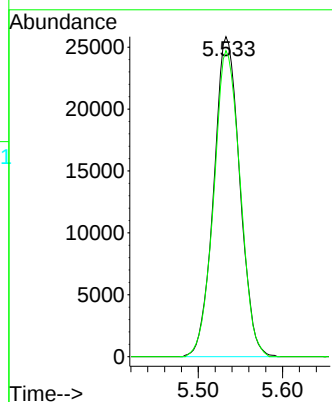
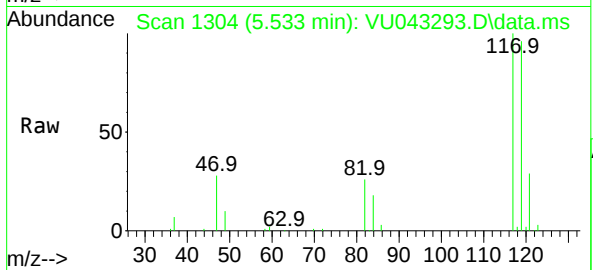




#31
Carbon tetrachloride
Concen: 5.54 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

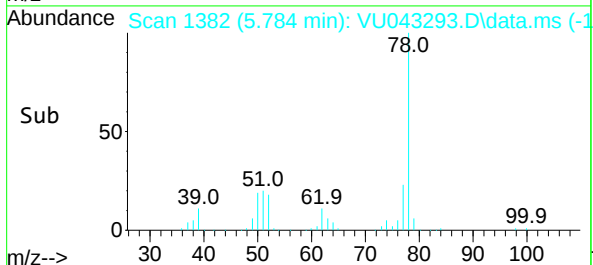
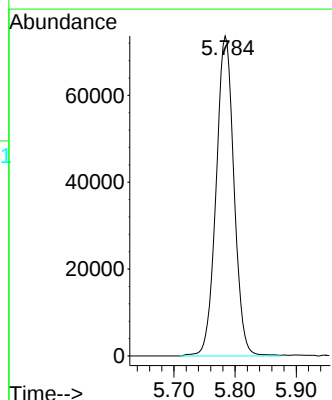
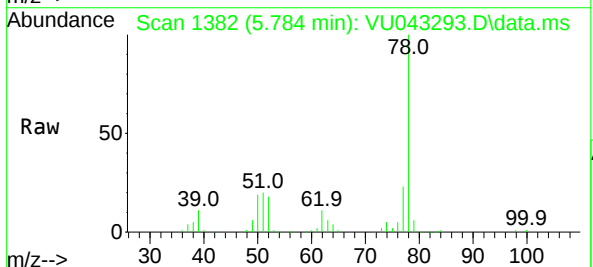
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

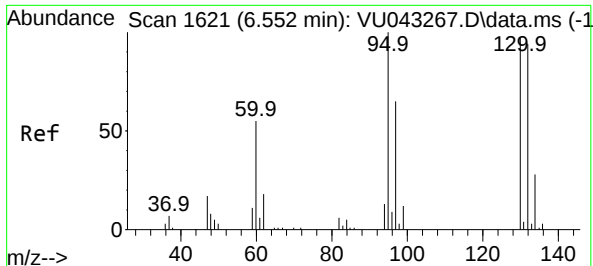
Tgt Ion:117 Resp: 55338
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 5.77 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 78 Resp: 149848

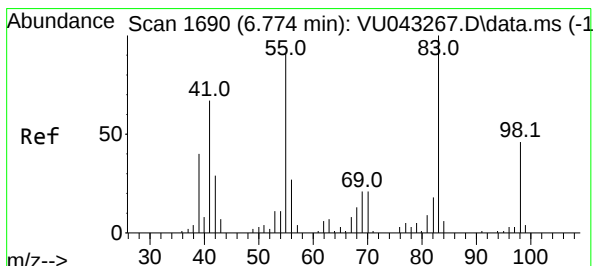
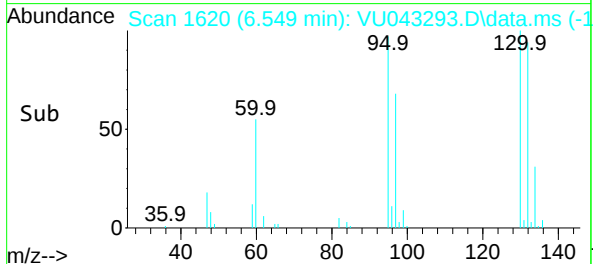
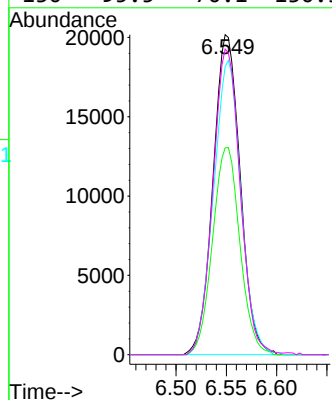
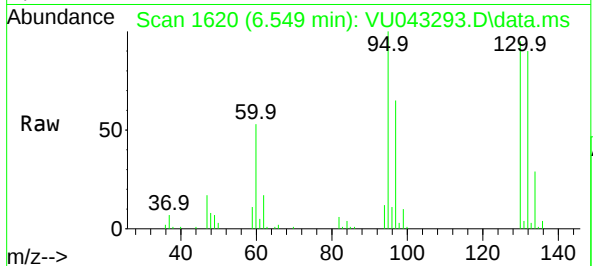




#34
Trichloroethene
Concen: 5.31 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

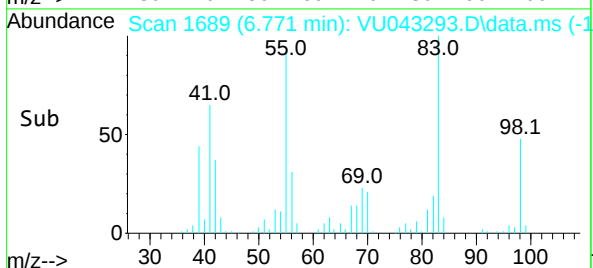
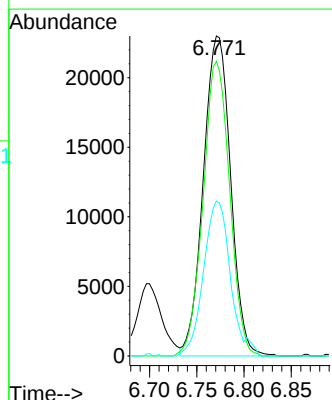
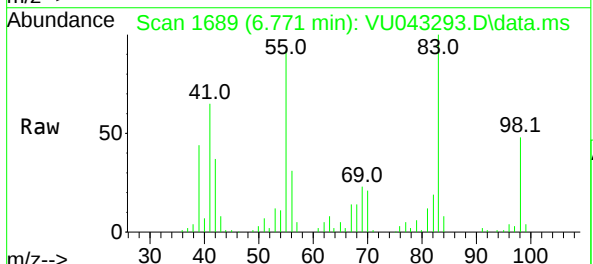
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

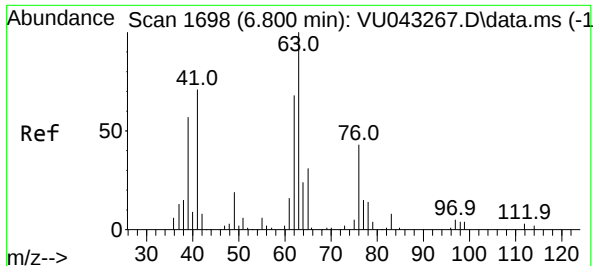
Tgt Ion: 95 Resp: 37927
Ion Ratio Lower Upper
95 100
97 64.7 45.8 85.2
132 90.0 68.7 127.7
130 95.5 70.1 130.3



#35
Methylcyclohexane
Concen: 4.68 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 83 Resp: 46294
Ion Ratio Lower Upper
83 100
55 89.4 59.5 89.3#
98 47.5 37.9 56.9



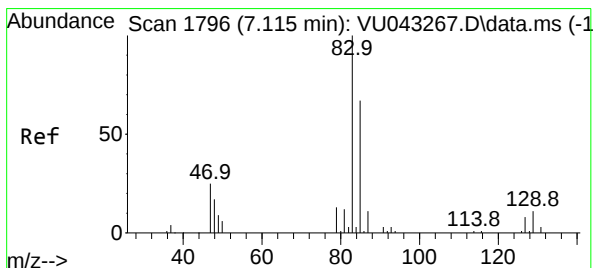
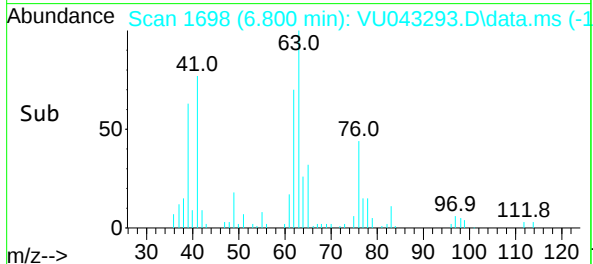
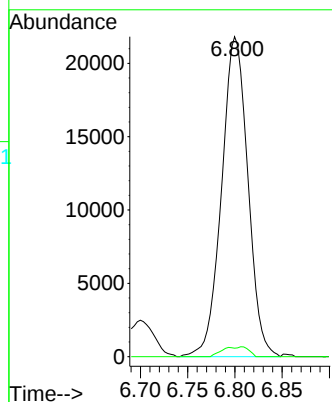
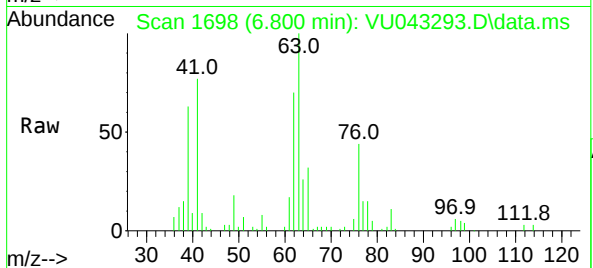


#37

1,2-Dichloropropane
Concen: 5.78 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

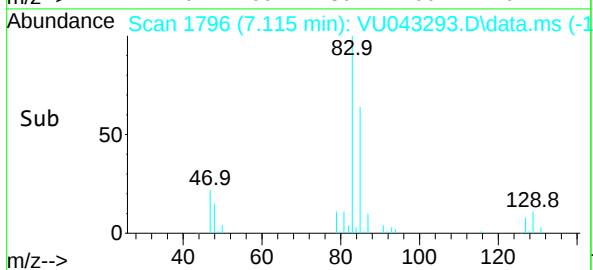
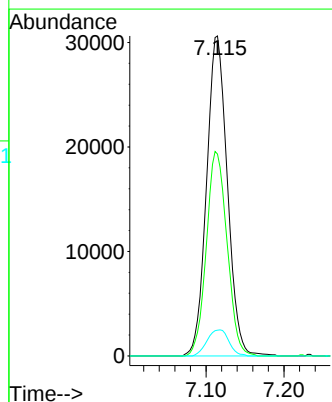
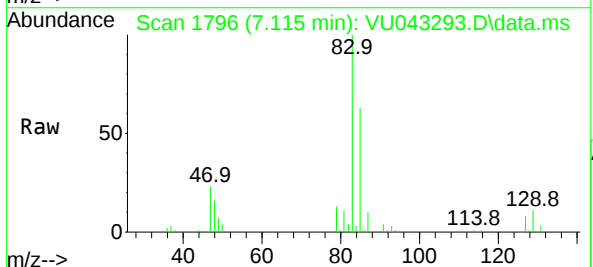
Tgt Ion: 63 Resp: 42230
Ion Ratio Lower Upper
63 100
112 1.6 3.5 5.3#

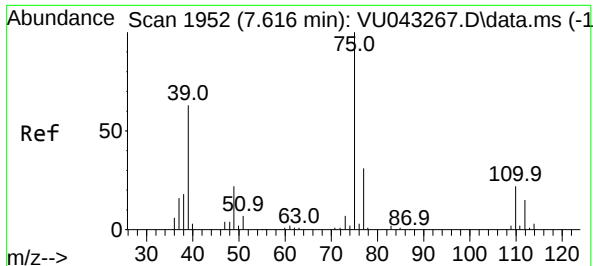


#38

Bromodichloromethane
Concen: 5.78 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 83 Resp: 56717
Ion Ratio Lower Upper
83 100
85 63.1 44.6 82.8
127 8.1 7.4 11.2



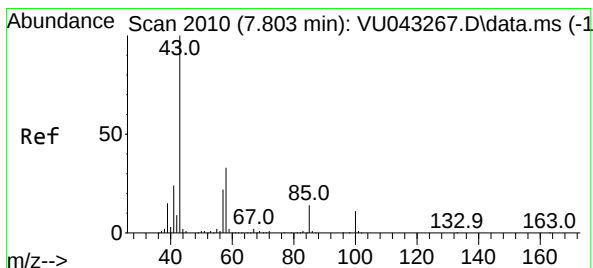
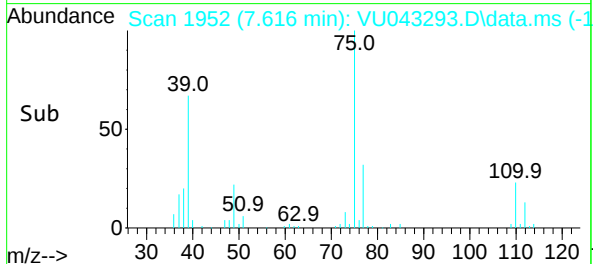
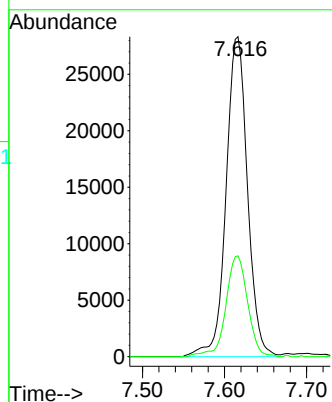
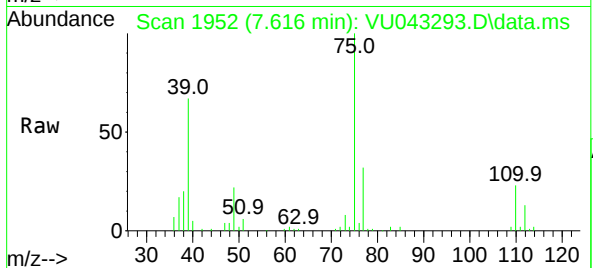


#39

cis-1,3-Dichloropropene
Concen: 4.82 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

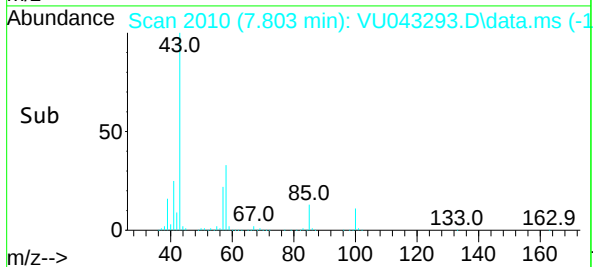
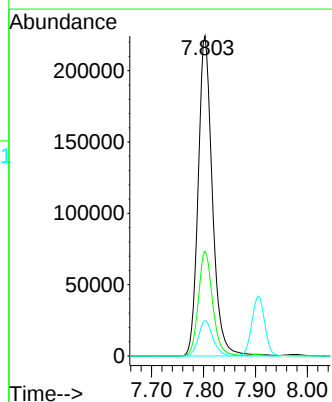
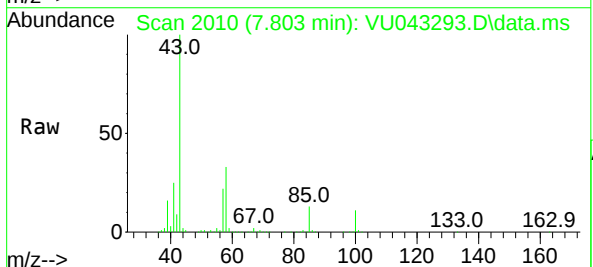
Tgt Ion: 75 Resp: 51438
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6

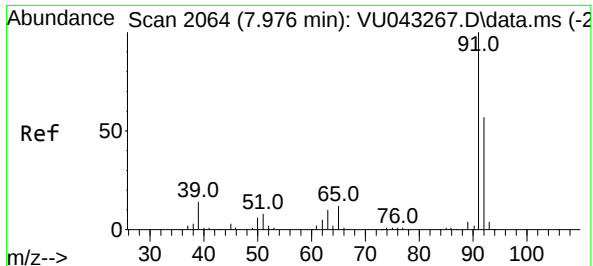


#40

4-Methyl-2-pentanone
Concen: 65.29 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 43 Resp: 426803
Ion Ratio Lower Upper
43 100
58 32.9 35.8 53.6#
100 11.2 15.1 22.7#

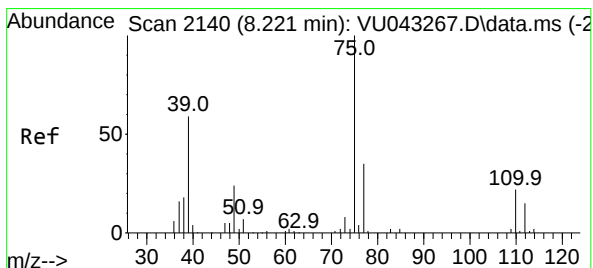
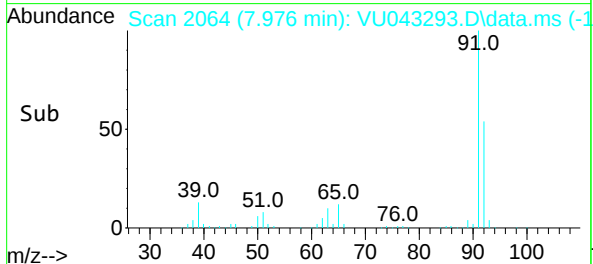
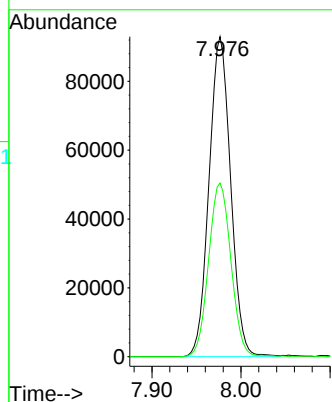
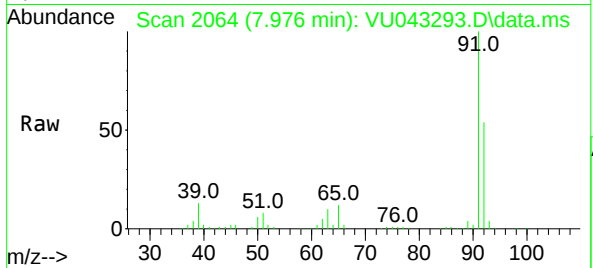




#42
Toluene
Concen: 5.40 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

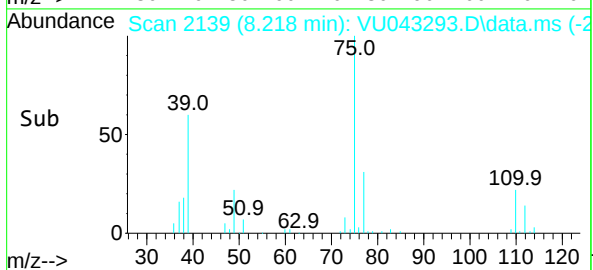
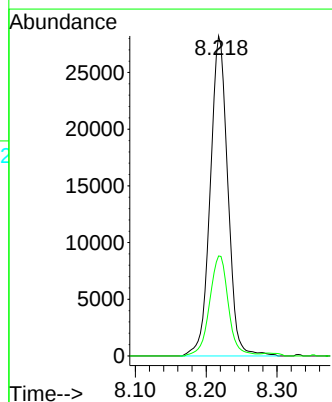
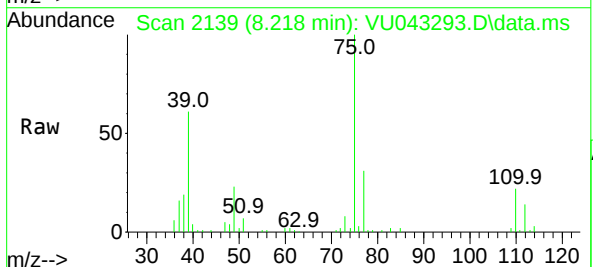
Instrument :
MSVOA_U
ClientSampled :
H4511MS

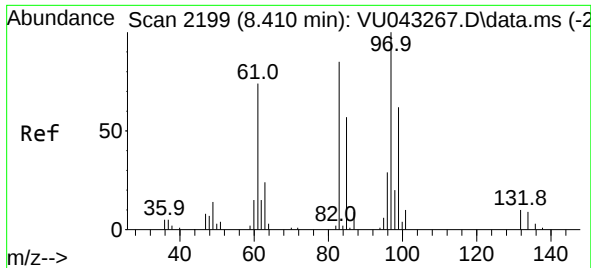
Tgt Ion: 91 Resp: 156748
Ion Ratio Lower Upper
91 100
92 54.3 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.83 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 75 Resp: 48604
Ion Ratio Lower Upper
75 100
77 31.3 23.4 43.4

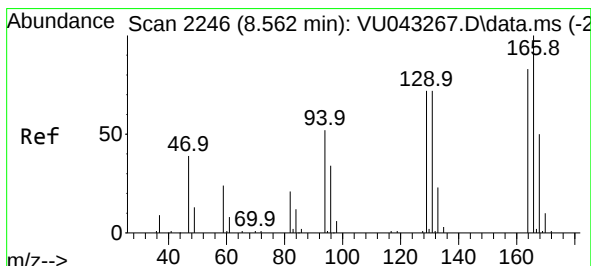
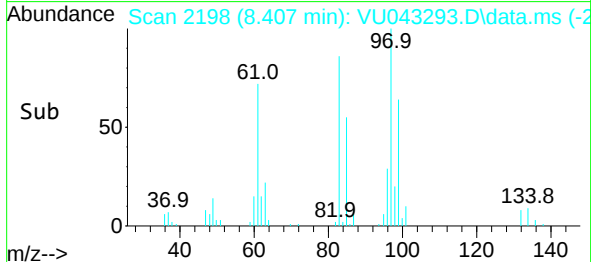
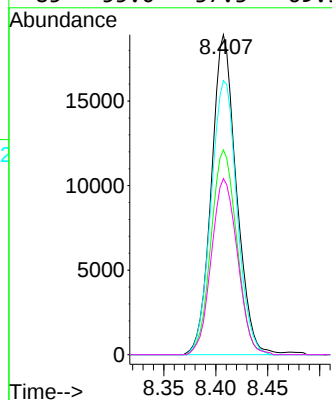
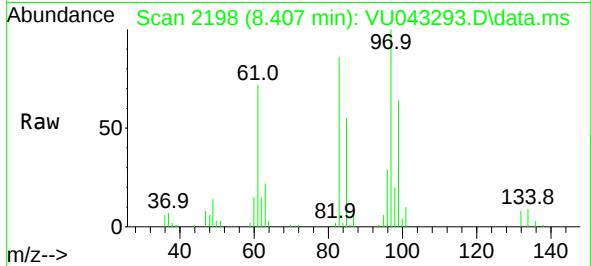




#45
1,1,2-Trichloroethane
Concen: 5.80 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

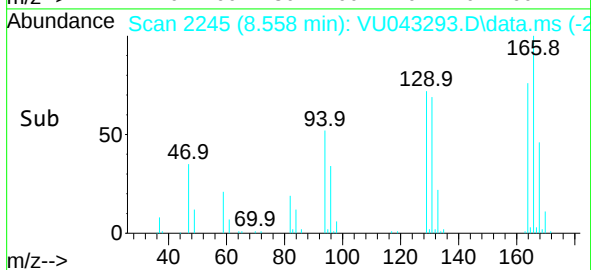
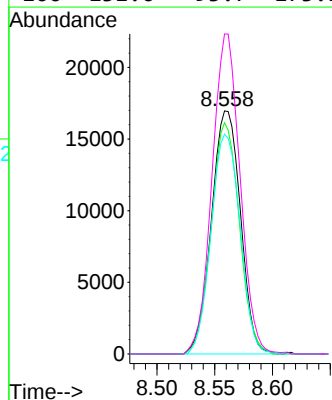
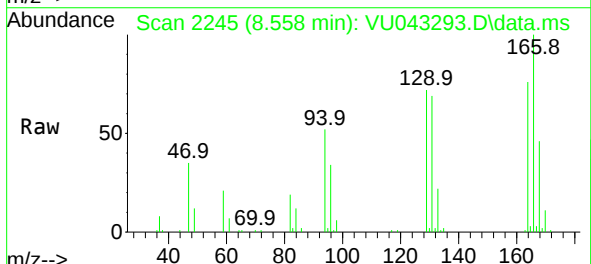
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

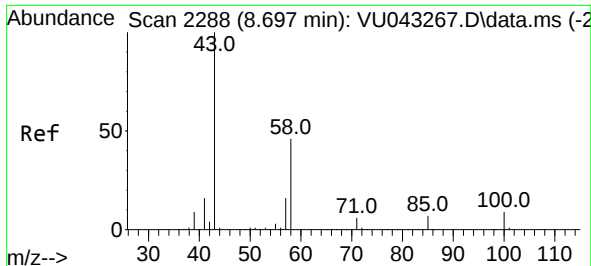
Tgt Ion:	97	Resp:	31642
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.2	82.0
83	85.7	60.1	111.7
85	55.0	37.3	69.3



#47
Tetrachloroethene
Concen: 5.23 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:	164	Resp:	29665
Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.6	123.8
131	90.5	65.9	122.3
166	131.6	93.7	173.9

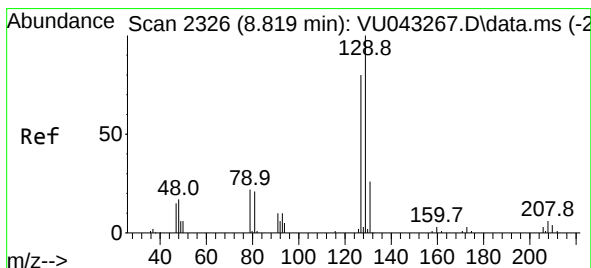
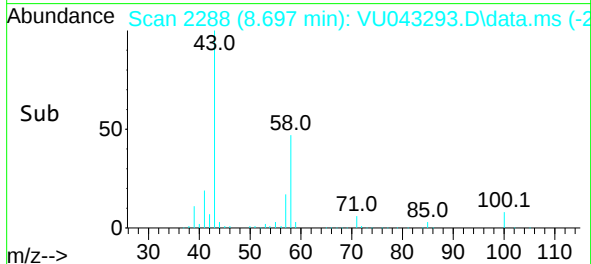
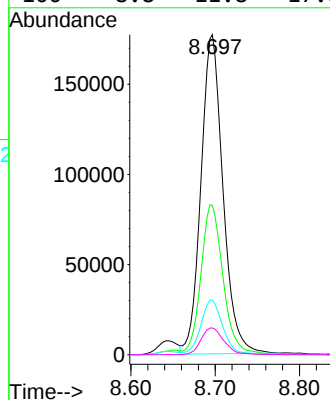
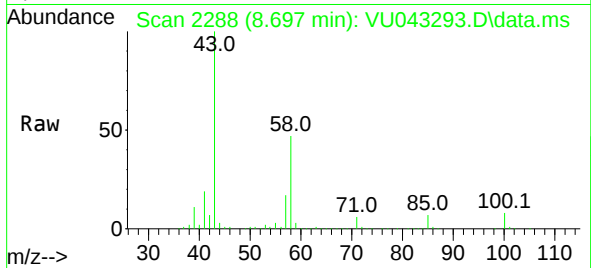




#48
2-Hexanone
Concen: 67.01 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

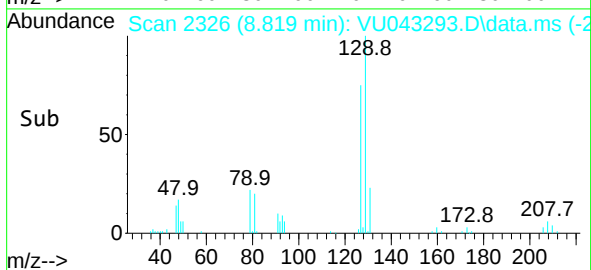
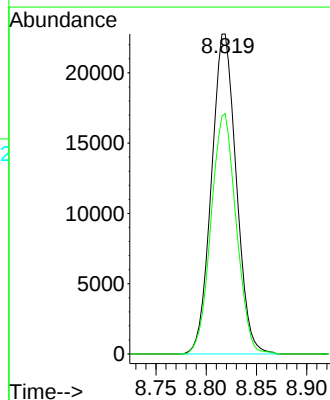
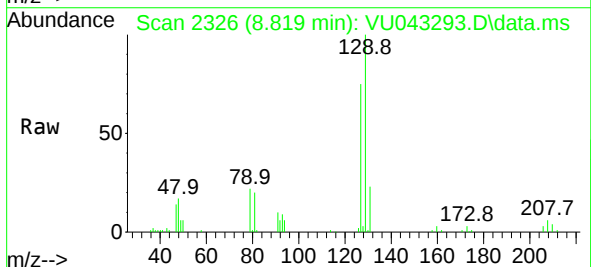
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

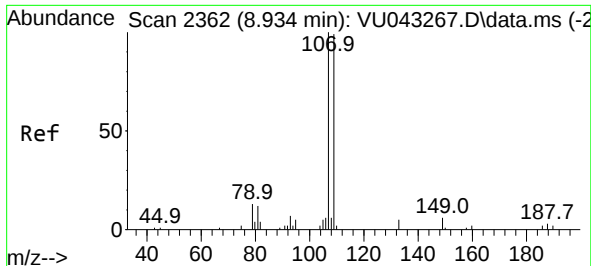
Tgt Ion:	43	Resp:	322305
Ion	Ratio	Lower	Upper
43	100		
58	47.1	50.0	75.0#
57	16.9	17.4	26.0#
100	8.8	11.8	17.8#



#49
Dibromochloromethane
Concen: 5.67 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:	129	Resp:	39067
Ion	Ratio	Lower	Upper
129	100		
127	75.1	56.6	105.2





#50

1,2-Dibromoethane

Concen: 5.75 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 22 Apr 2021 21:12

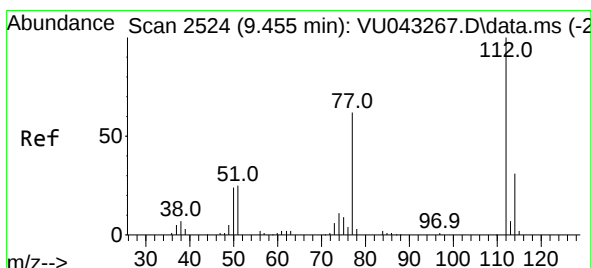
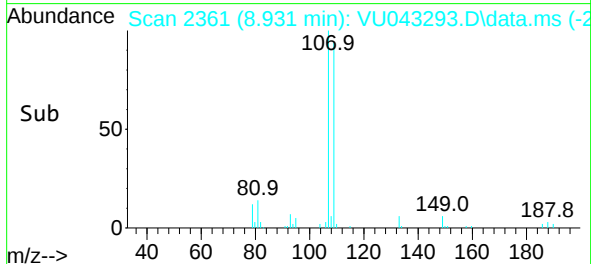
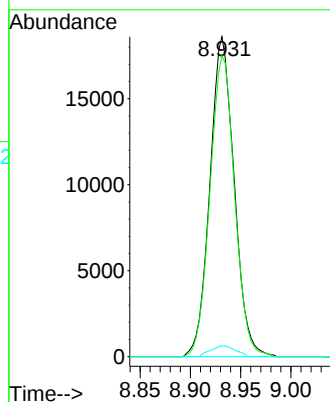
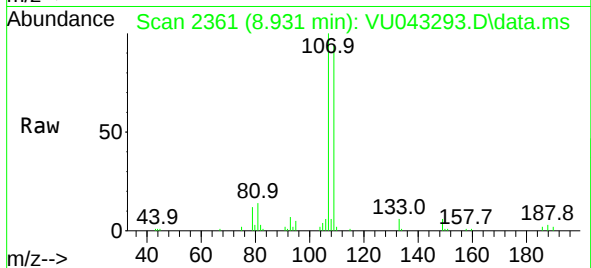
Instrument :

MSVOA_U

ClientSampleId :

H4511MS

Tgt Ion:	107	Resp:	31244
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.4	121.4
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 5.39 ug/L

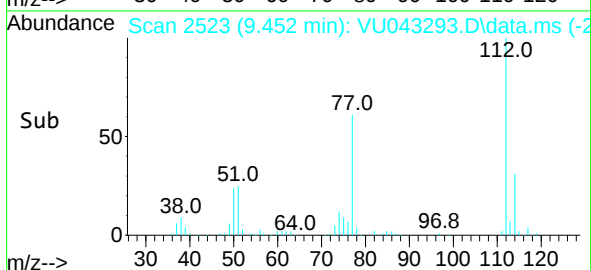
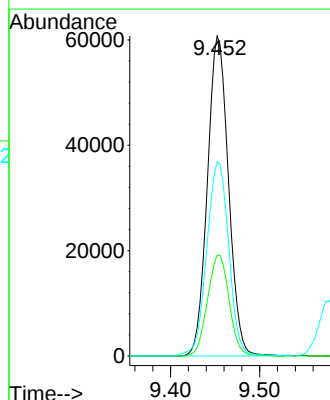
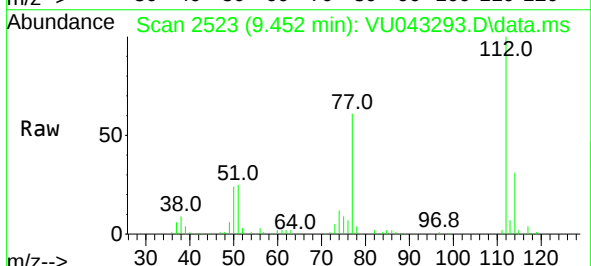
RT: 9.452 min Scan# 2523

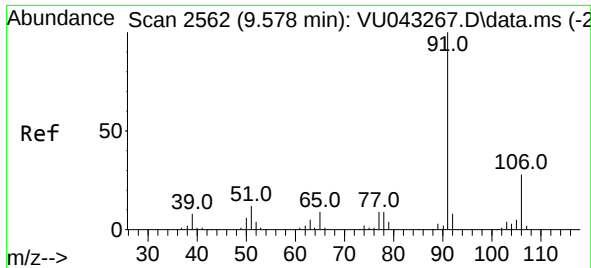
Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 22 Apr 2021 21:12

Tgt Ion:	112	Resp:	99705
Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.9	40.7
77	60.7	45.1	67.7

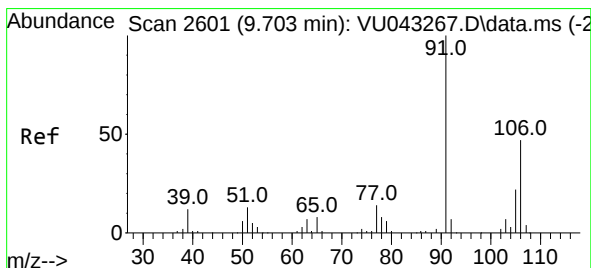
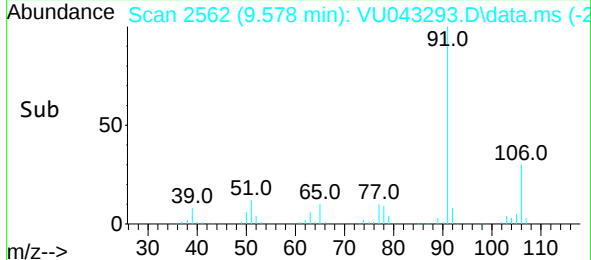
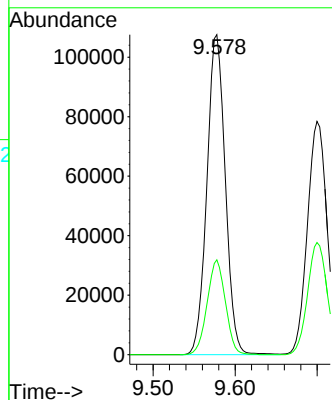
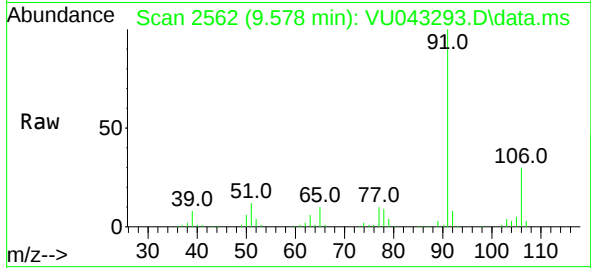




#52
Ethylbenzene
Concen: 5.07 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

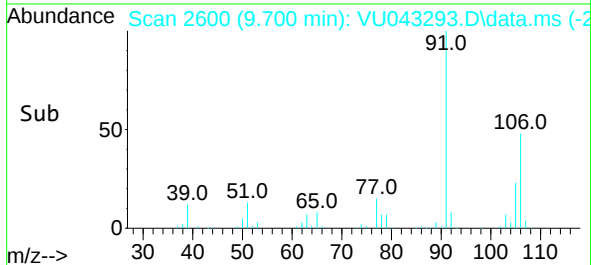
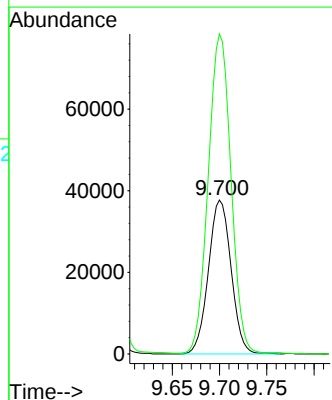
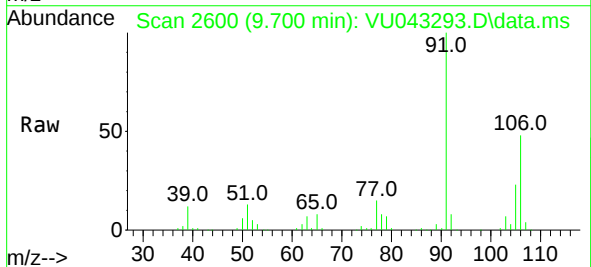
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

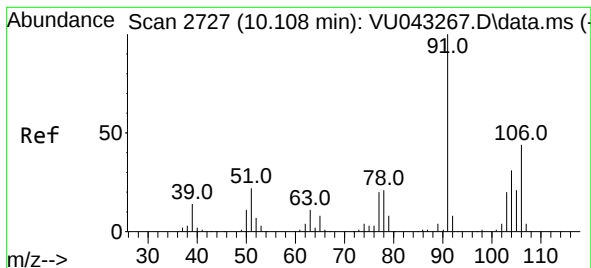
Tgt Ion: 91 Resp: 168259
Ion Ratio Lower Upper
91 100
106 29.6 22.0 40.8



#53
m,p-Xylene
Concen: 5.19 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 106 Resp: 62994
Ion Ratio Lower Upper
106 100
91 208.0 137.6 255.6

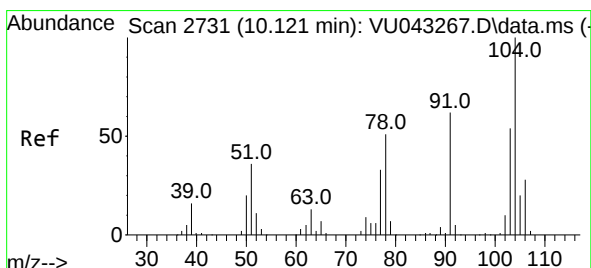
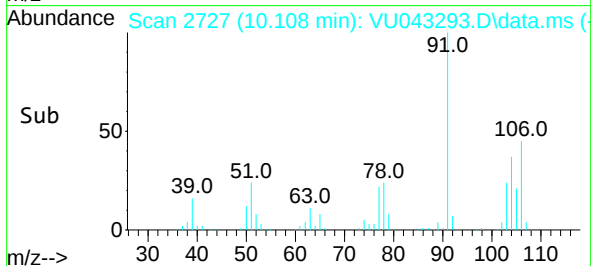
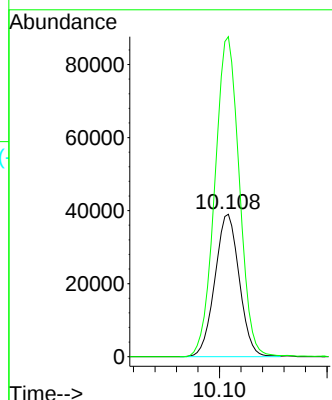
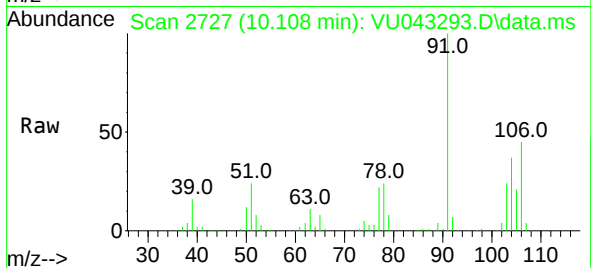




#54
o-Xylene
Concen: 5.10 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

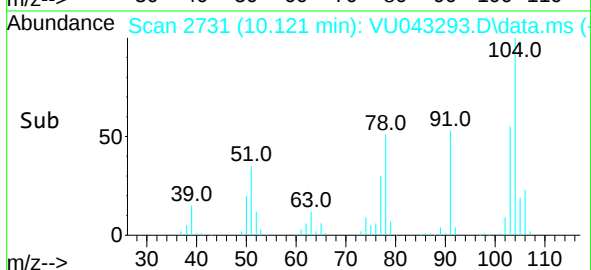
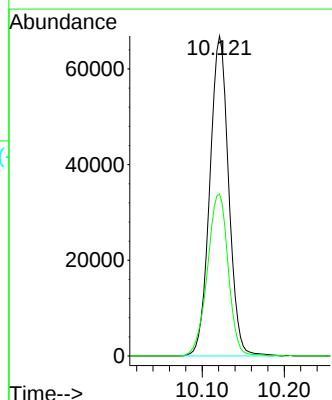
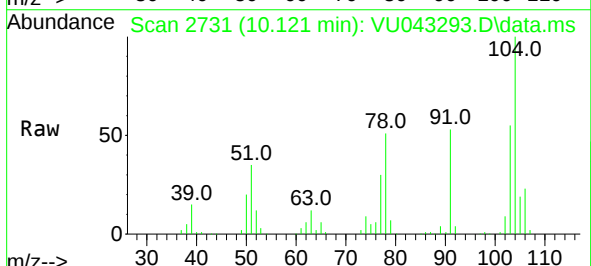
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

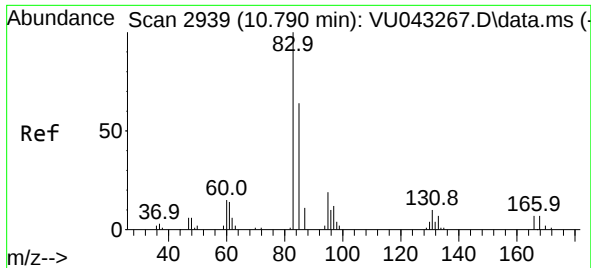
Tgt Ion:106 Resp: 61373
Ion Ratio Lower Upper
106 100
91 224.6 148.5 275.9



#55
Styrene
Concen: 5.20 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:104 Resp: 107138
Ion Ratio Lower Upper
104 100
78 50.6 32.3 60.1

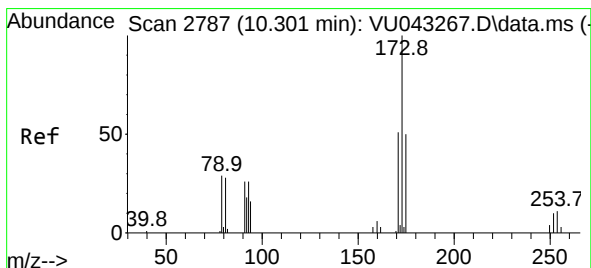
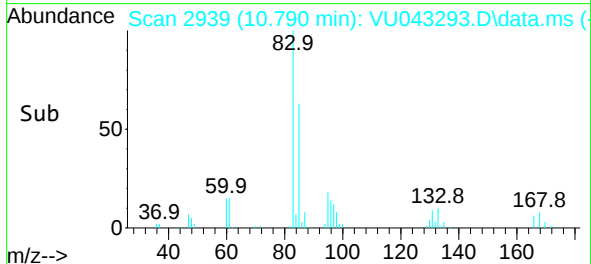
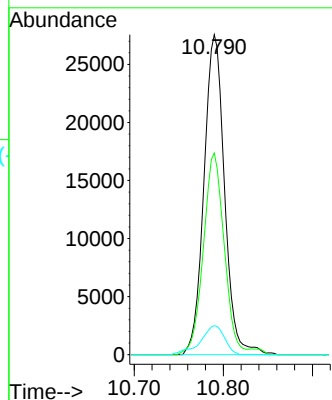
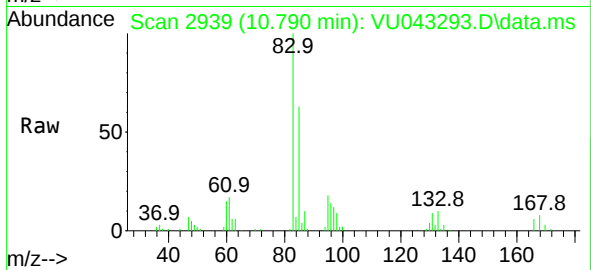




#57
1,1,2,2-Tetrachloroethane
Concen: 6.15 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

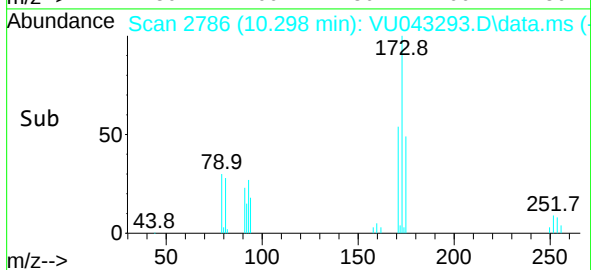
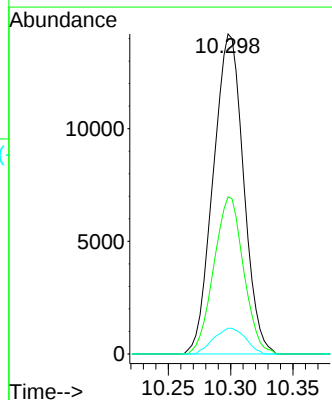
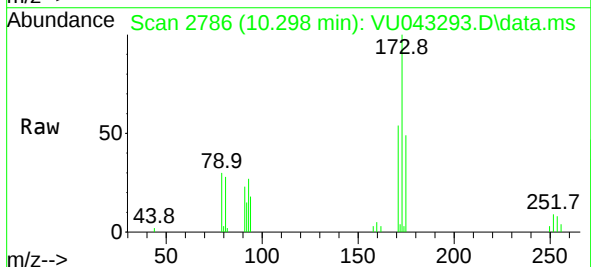
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

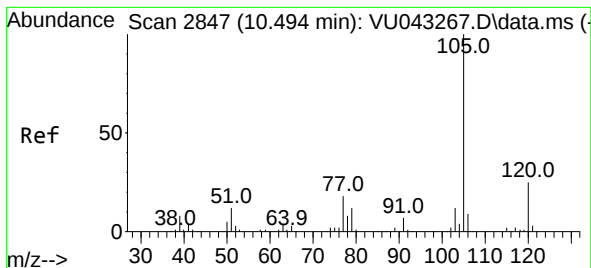
Tgt Ion: 83 Resp: 44176
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.5
131 9.1 8.2 12.4



#59
Bromoform
Concen: 5.77 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:173 Resp: 23998
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.0
254 8.4 8.0 12.0





#60

Isopropylbenzene

Concen: 5.12 ug/L

RT: 10.491 min Scan# 2846

Delta R.T. -0.003 min

Lab File: VU043293.D

Acq: 22 Apr 2021 21:12

Tgt Ion:105 Resp: 167418

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

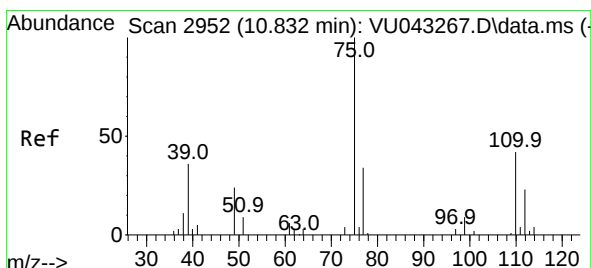
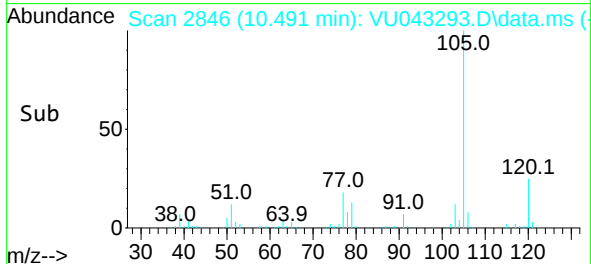
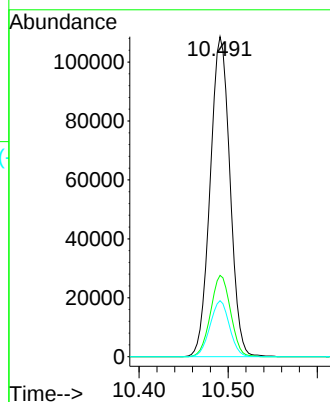
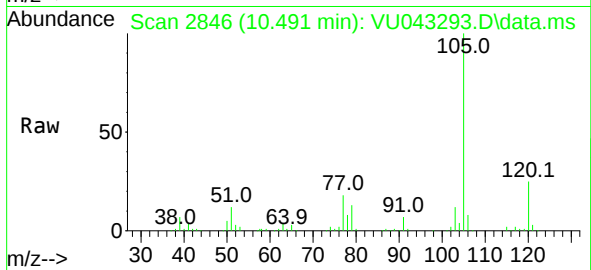
77 17.1 11.8 17.8

Instrument :

MSVOA_U

ClientSampleId :

H4511MS



#61

1,2,3-Trichloropropane

Concen: 6.21 ug/L

RT: 10.832 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VU043293.D

Acq: 22 Apr 2021 21:12

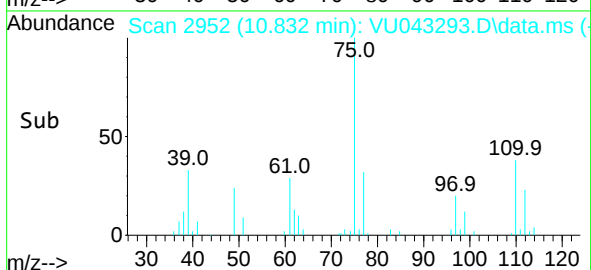
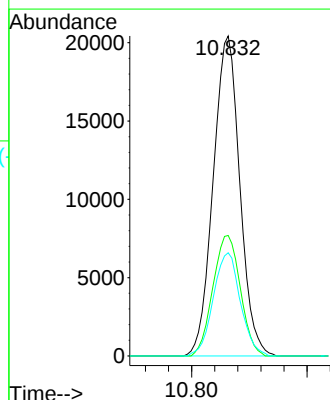
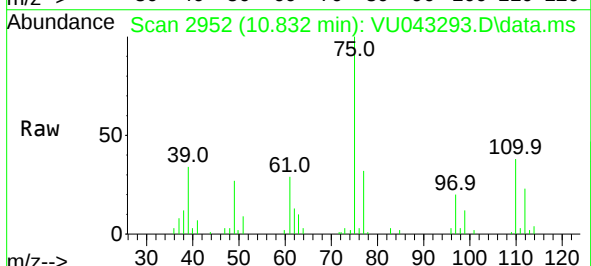
Tgt Ion: 75 Resp: 32680

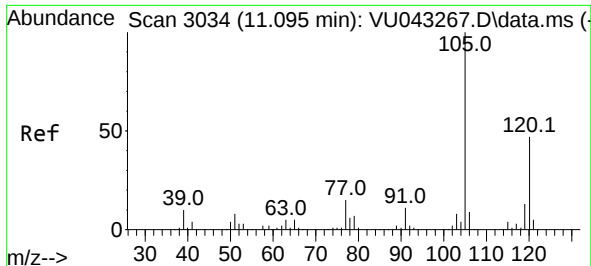
Ion Ratio Lower Upper

75 100

110 38.7 31.5 47.3

77 32.9 26.3 39.5

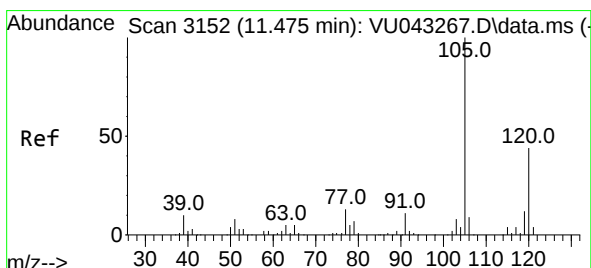
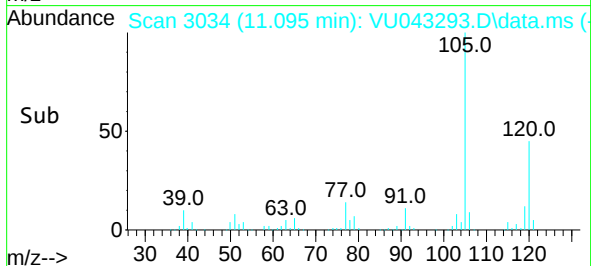
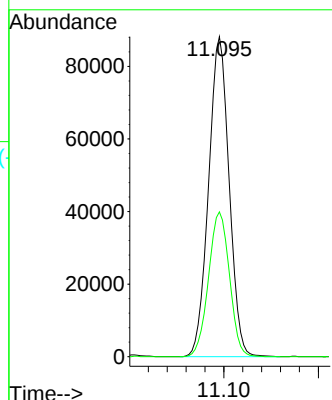
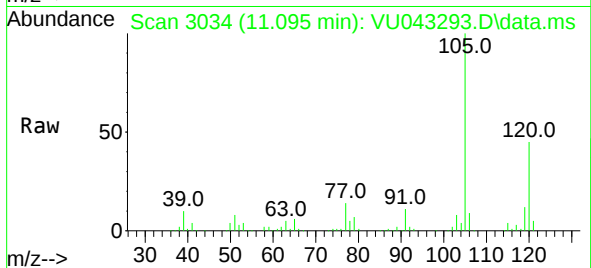




#62
1,3,5-Trimethylbenzene
Concen: 4.97 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

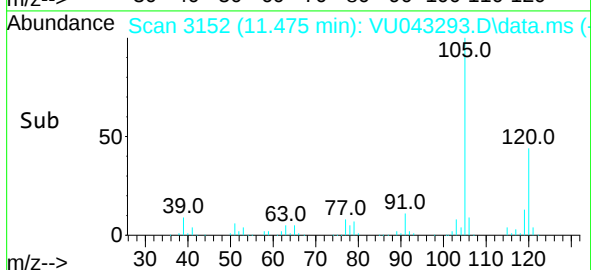
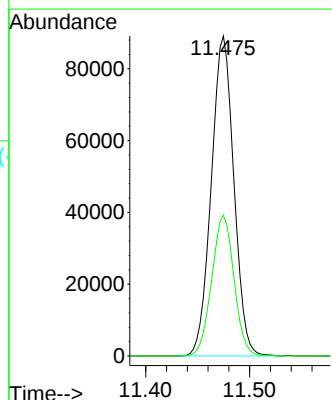
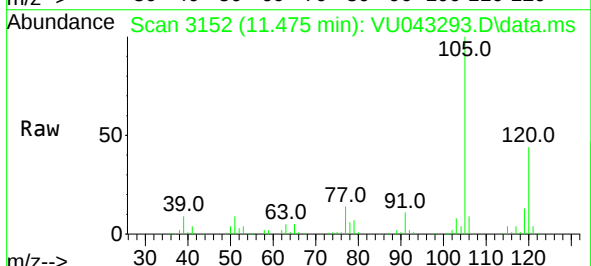
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

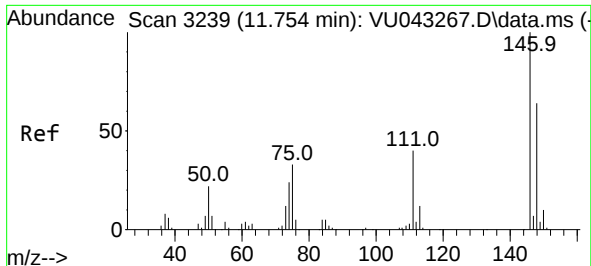
Tgt Ion:105 Resp: 132864
Ion Ratio Lower Upper
105 100
120 46.2 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.89 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:105 Resp: 134436
Ion Ratio Lower Upper
105 100
120 43.5 36.7 55.1

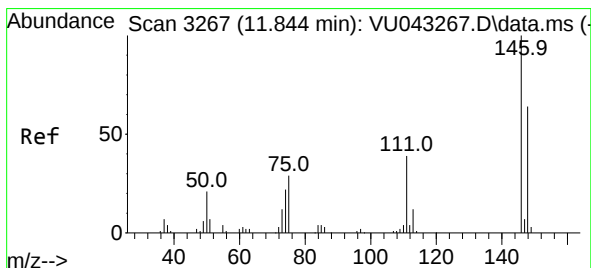
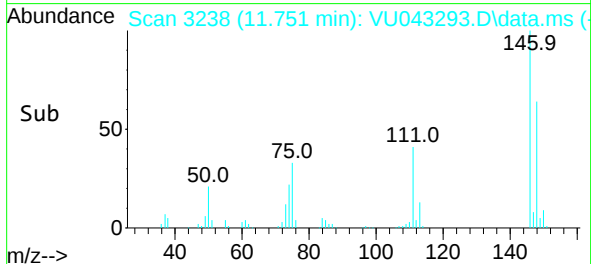
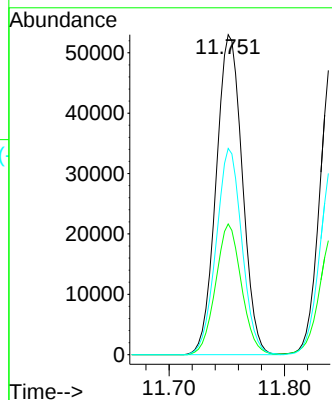
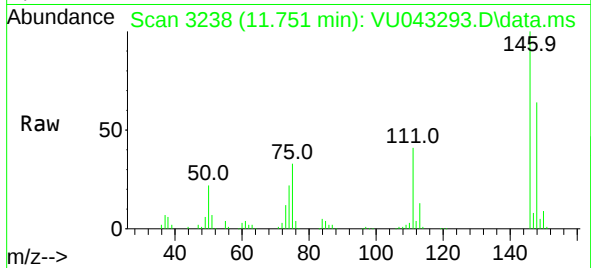




#64
1,3-Dichlorobenzene
Concen: 5.38 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

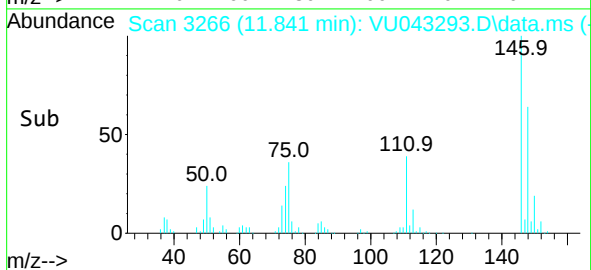
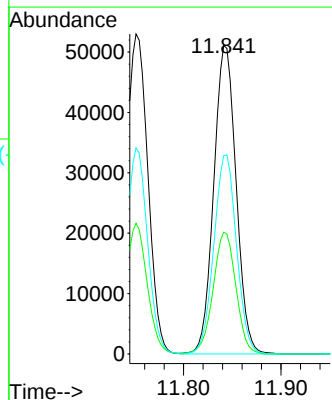
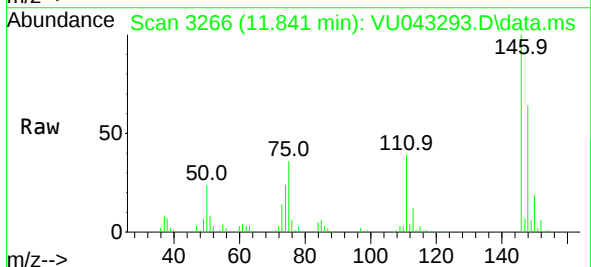
Instrument :
MSVOA_U
ClientSampled :
H4511MS

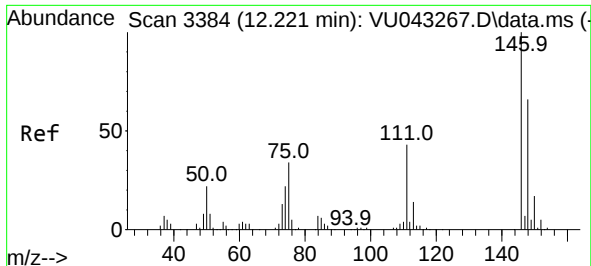
Tgt Ion:146 Resp: 83530
Ion Ratio Lower Upper
146 100
111 40.9 27.6 51.2
148 64.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.19 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:146 Resp: 81576
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 64.2 43.9 81.5

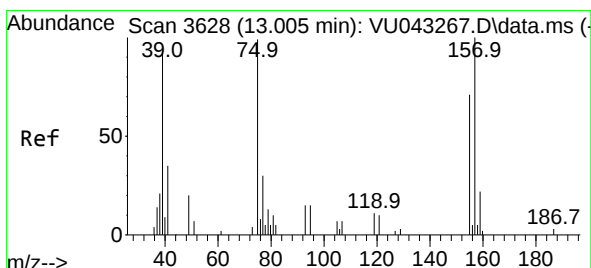
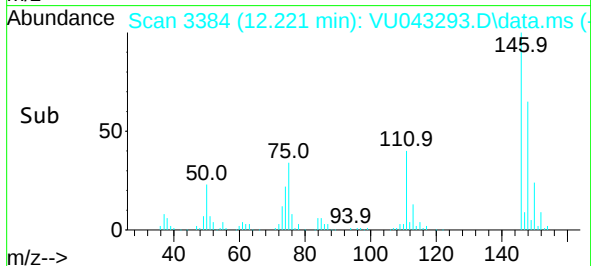
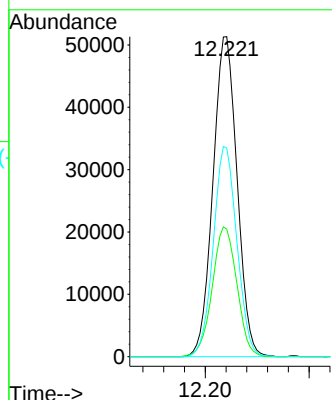
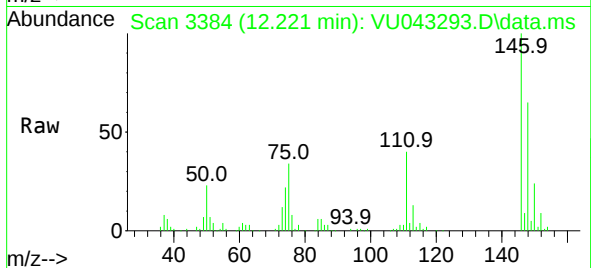




#67
1,2-Dichlorobenzene
Concen: 5.50 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

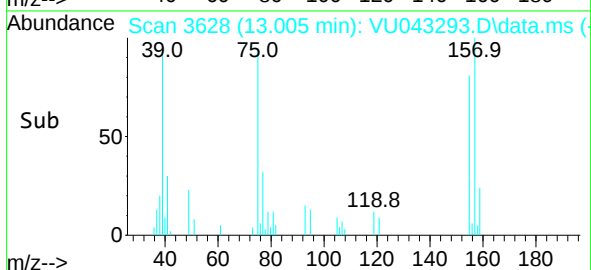
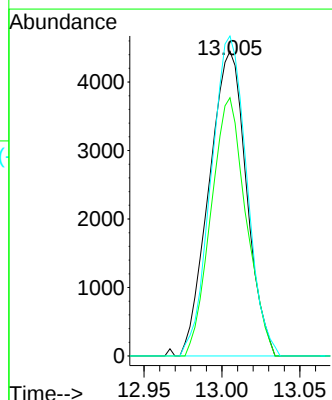
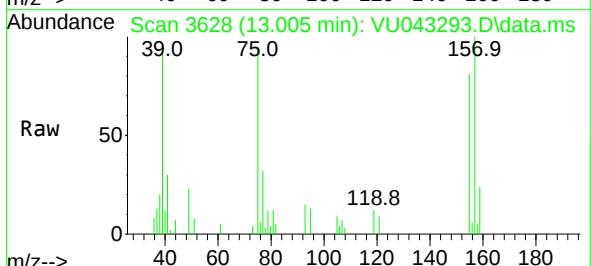
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

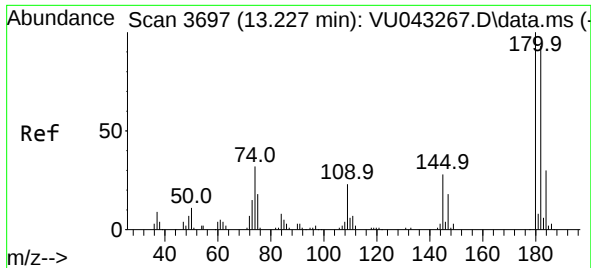
Tgt Ion:146 Resp: 82873
Ion Ratio Lower Upper
146 100
111 39.9 31.9 47.9
148 65.2 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.80 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion: 75 Resp: 7423
Ion Ratio Lower Upper
75 100
155 84.8 67.8 101.8
157 105.1 82.4 123.6

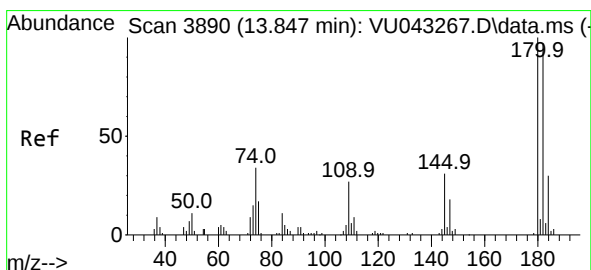
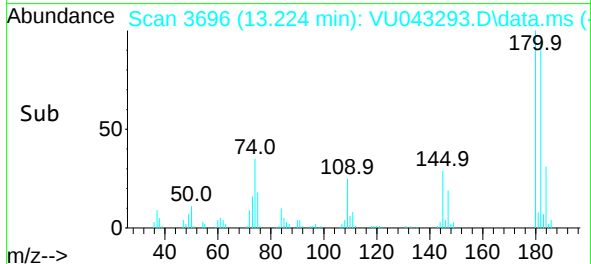
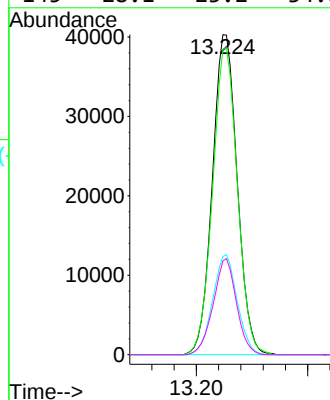
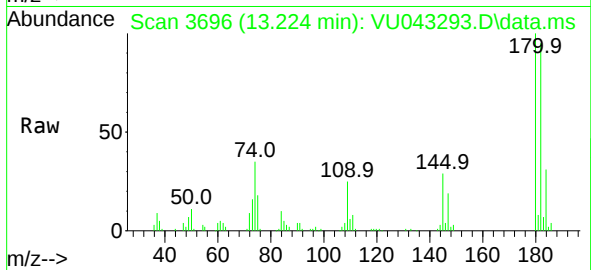




#69
1,3,5-Trichlorobenzene
Concen: 4.89 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

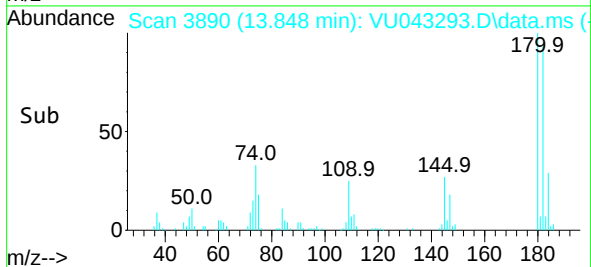
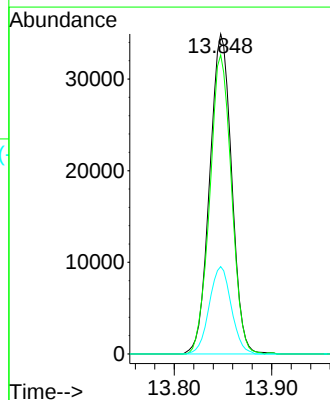
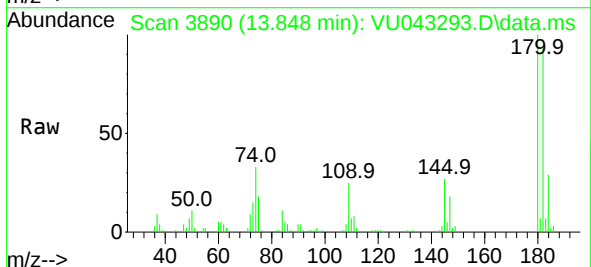
Instrument :
MSVOA_U
ClientSampleId :
H4511MS

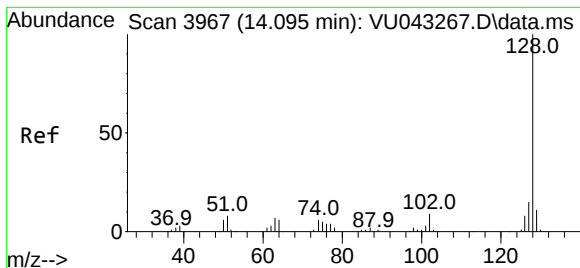
Tgt Ion:180	Resp:	62225
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.1 114.1
184	30.9	24.0 36.0
145	28.1	23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 5.18 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:180	Resp:	54611
Ion Ratio	Lower	Upper
180	100	
182	92.2	76.5 114.7
145	27.3	24.1 36.1

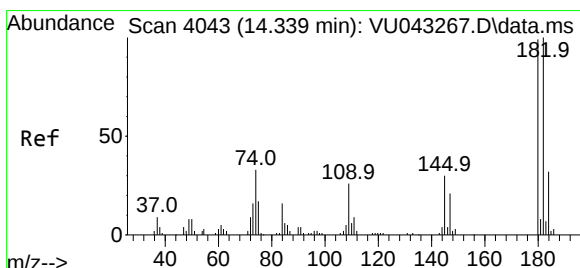
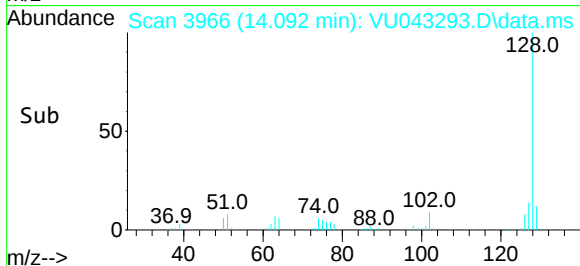
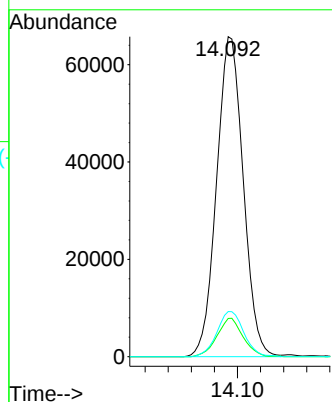
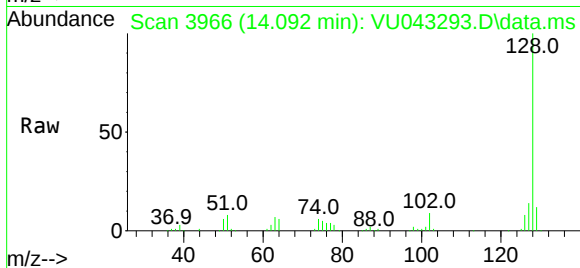




#71
Naphthalene
Concen: 5.92 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Instrument :
MSVOA_U
ClientSampleId :
H4511MS

Tgt Ion:128 Resp: 105250
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.3 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.74 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043293.D
Acq: 22 Apr 2021 21:12

Tgt Ion:180 Resp: 55440
Ion Ratio Lower Upper
180 100
182 93.1 75.8 113.8
145 30.4 25.0 37.4

