

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
 Data File : VU042191.D
 Acq On : 25 Jan 2021 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 17:07:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 25 17:02:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104080	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	58120	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27221	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.919	69	23742	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.571	65	15811	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.649	46	132732	51.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.28%
24) Chloroform-d	5.073	84	69594	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.710	65	42497	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	128344	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.700	67	42303	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.906	98	120988	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.189	79	20670	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.645	63	93440	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	36655	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	50876	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48085	4.99	ug/L	97
3) Chloromethane	1.520	50	42051	4.95	ug/L	97
5) Vinyl chloride	1.607	62	41974	4.95	ug/L	99
6) Bromomethane	1.861	94	23333	5.29	ug/L	97
8) Chloroethane	1.938	64	24770	5.06	ug/L	98
9) Trichlorofluoromethane	2.144	101	60653	5.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37535	5.02	ug/L	94
12) 1,1-Dichloroethene	2.584	96	35401	5.07	ug/L	90
13) Acetone	2.658	43	88139	50.52	ug/L	73
14) Carbon disulfide	2.800	76	118648	5.01	ug/L	98
15) Methyl Acetate	2.964	43	18882	4.37	ug/L #	88
16) Methylene chloride	3.054	84	40571	4.75	ug/L	86
17) Methyl tert-butyl Ether	3.372	73	101954	5.03	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	37525	5.03	ug/L	94
19) 1,1-Dichloroethane	3.880	63	72463	5.02	ug/L	97
21) 2-Butanone	4.726	43	145127	50.51	ug/L	78
22) cis-1,2-Dichloroethene	4.674	96	40483	5.03	ug/L	90
23) Bromochloromethane	4.983	128	18957	5.04	ug/L #	85
25) Chloroform	5.099	83	72968	4.88	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
 Data File : VU042191.D
 Acq On : 25 Jan 2021 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

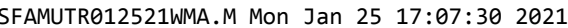
Instrument :
 MSVOA_U
 ClientSampleId :

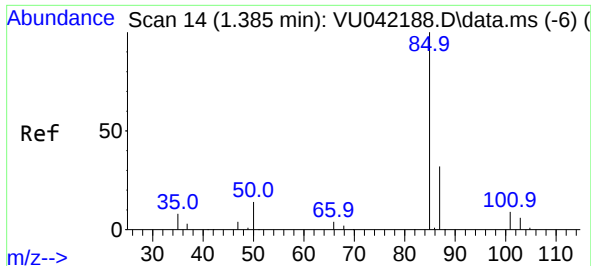
Quant Time: Jan 25 17:07:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 25 17:02:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52389	4.84	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	68030	5.06	ug/L	96
30) Cyclohexane	5.398	56	70647	5.11	ug/L	88
31) Carbon tetrachloride	5.533	117	59403	5.02	ug/L	100
33) Benzene	5.784	78	151674	4.99	ug/L	100
34) Trichloroethene	6.549	95	41213	5.07	ug/L	96
35) Methylcyclohexane	6.771	83	67998	5.16	ug/L	92
37) 1,2-Dichloropropane	6.800	63	40407	5.13	ug/L	99
38) Bromodichloromethane	7.115	83	55248	5.08	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	64529	5.06	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	340079	50.91	ug/L #	87
42) Toluene	7.976	91	163965	5.09	ug/L	100
44) trans-1,3-Dichloropropene	8.221	75	58604	5.06	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	29496	5.06	ug/L	98
47) Tetrachloroethene	8.562	164	33445	4.98	ug/L	95
48) 2-Hexanone	8.697	43	254405	52.71	ug/L #	87
49) Dibromochloromethane	8.819	129	38391	5.08	ug/L	98
50) 1,2-Dibromoethane	8.931	107	29843	5.01	ug/L	99
51) Chlorobenzene	9.455	112	105006	5.07	ug/L	96
52) Ethylbenzene	9.578	91	184707	5.02	ug/L	98
53) m,p-Xylene	9.703	106	71015	5.15	ug/L	96
54) o-Xylene	10.108	106	67284	5.00	ug/L	93
55) Styrene	10.121	104	117295	5.19	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.793	83	37798	5.22	ug/L	99
59) Bromoform	10.301	173	24293	4.99	ug/L	100
60) Isopropylbenzene	10.494	105	186336	5.07	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	28237	5.04	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	156192	5.11	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	157084	5.17	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	90116	5.15	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	89158	5.05	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	83459	5.05	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.008	75	7193	4.91	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	73120	5.12	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	63358	5.39	ug/L	99
71) Naphthalene	14.095	128	112724	5.64	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	57806	5.43	ug/L	98

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

Quant Time: Jan 25 17:07:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 25 17:02:55 2021
Response via : Initial Calibration

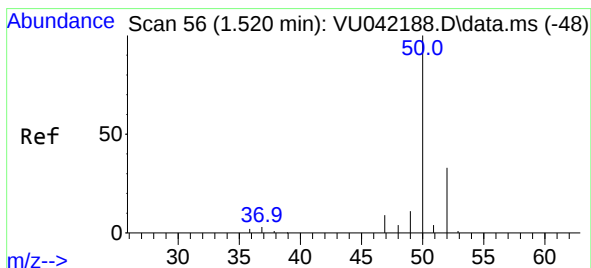
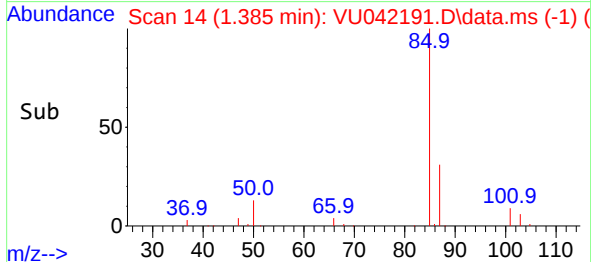
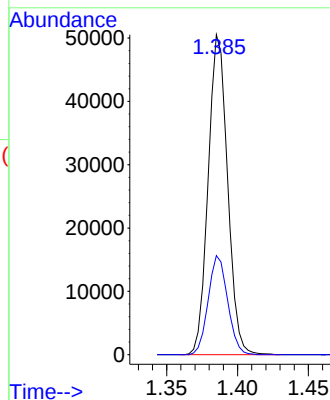
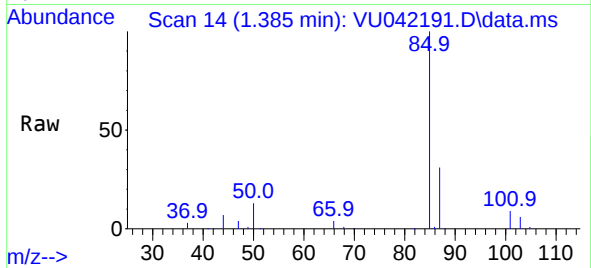




#2
Dichlorodifluoromethane
Concen: 4.99 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

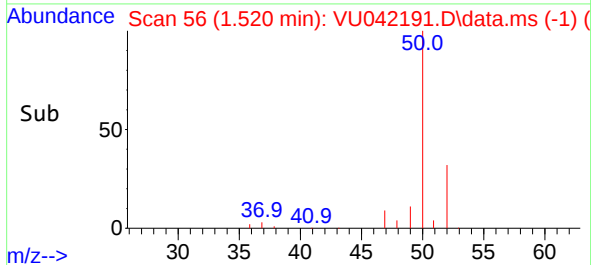
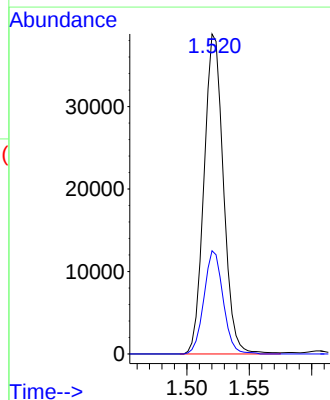
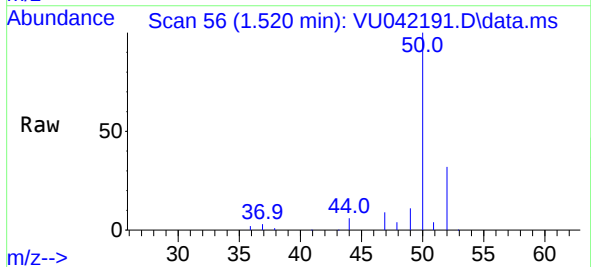
Instrument :
MSVOA_U
ClientSampled :

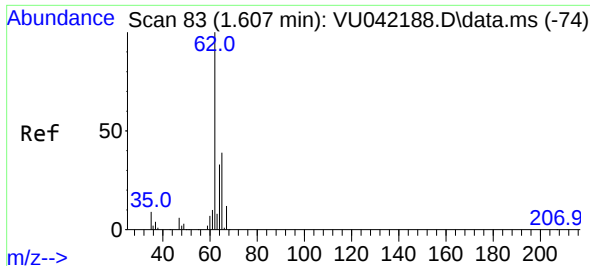
Tgt Ion: 85 Resp: 48085
Ion Ratio Lower Upper
85 100
87 30.9 26.3 39.5



#3
Chloromethane
Concen: 4.95 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 50 Resp: 42051
Ion Ratio Lower Upper
50 100
52 32.2 23.6 43.8

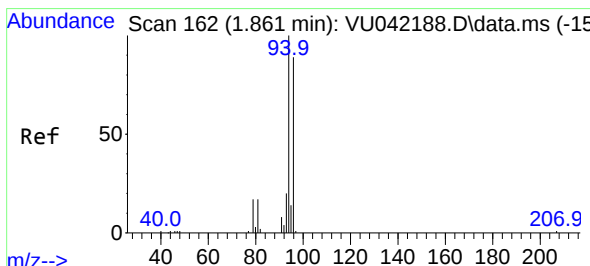
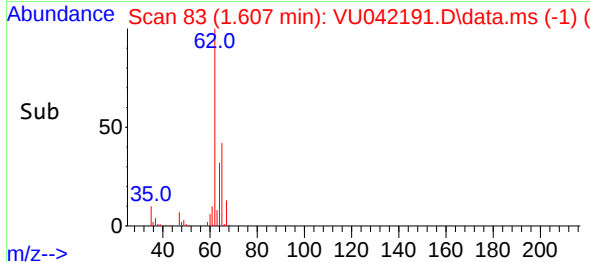
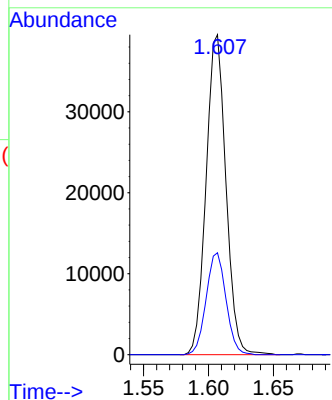
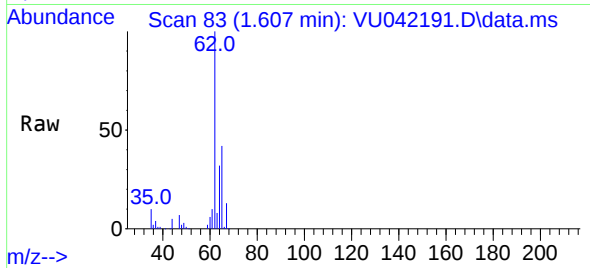




#5
 Vinyl chloride
 Concen: 4.95 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042191.D
 Acq: 25 Jan 2021 12:00

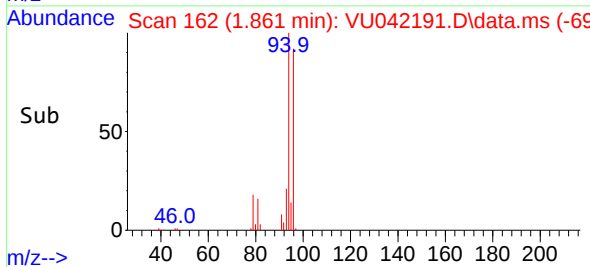
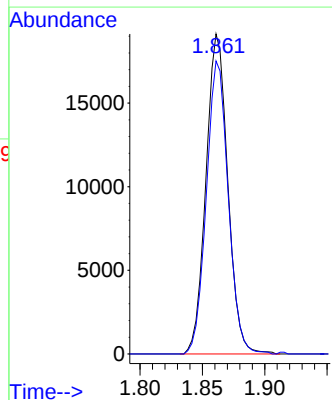
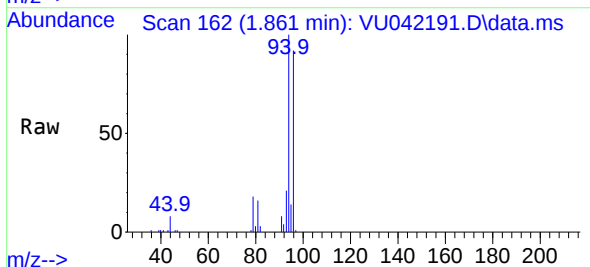
Instrument :
 MSVOA_U
 ClientSampled :

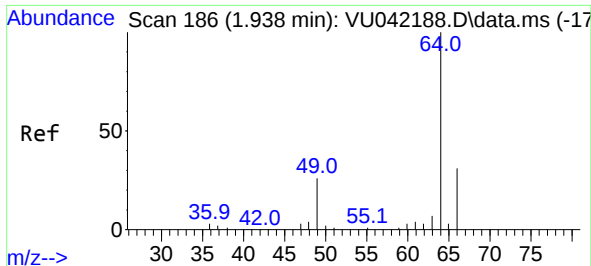
Tgt Ion: 62 Resp: 41974
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 5.29 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU042191.D
 Acq: 25 Jan 2021 12:00

Tgt Ion: 94 Resp: 23333
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.1 122.7

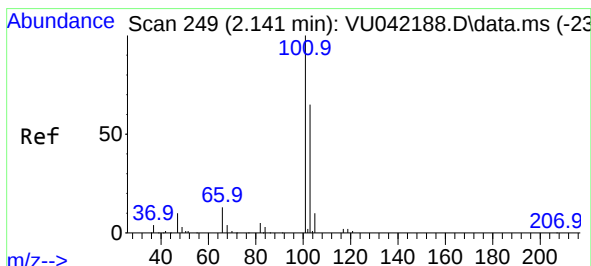
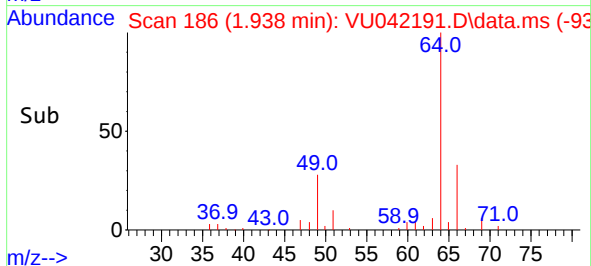
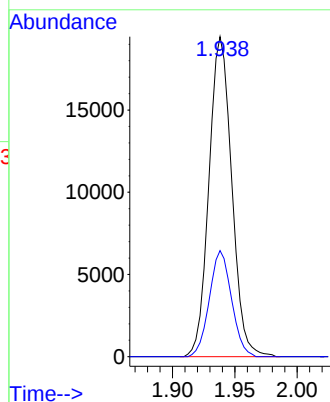
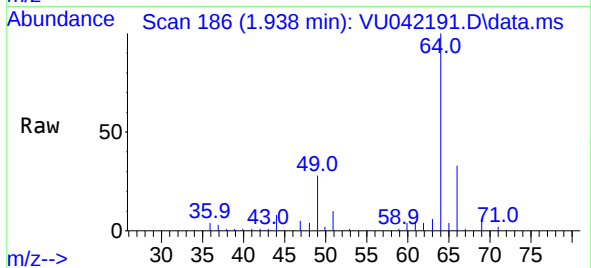




#8
Chloroethane
Concen: 5.06 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

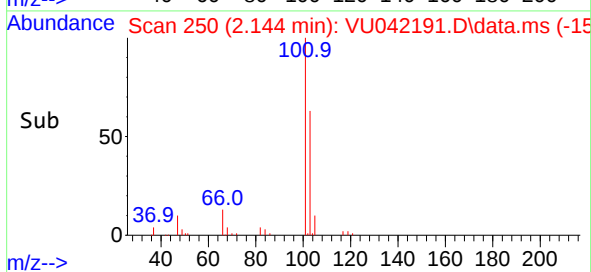
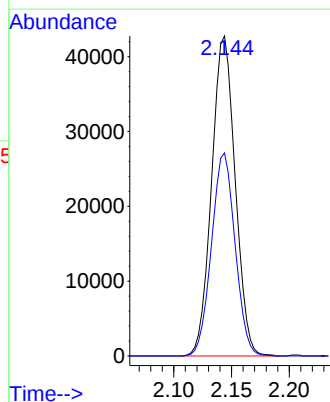
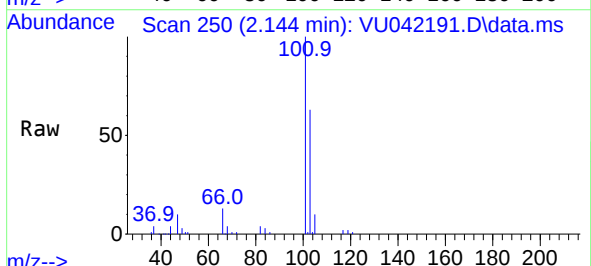
Instrument :
MSVOA_U
ClientSampled :

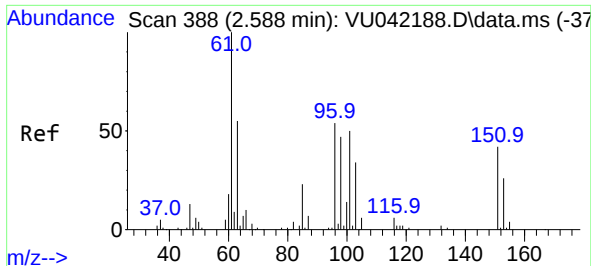
Tgt Ion: 64 Resp: 24770
Ion Ratio Lower Upper
64 100
66 33.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.11 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:101 Resp: 60653
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3

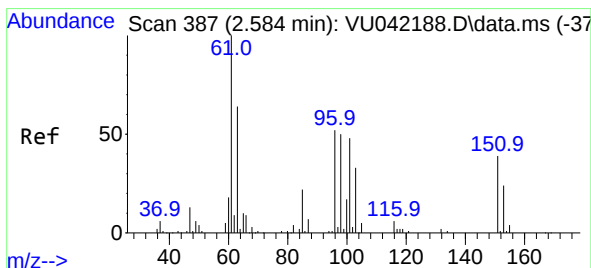
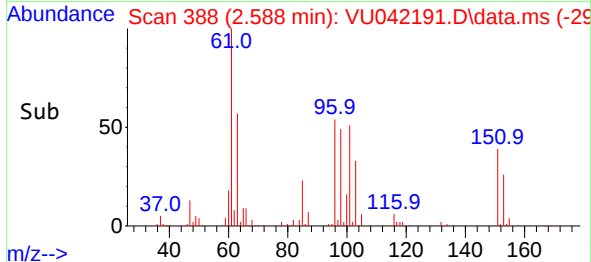
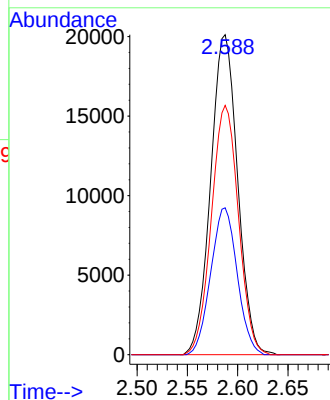
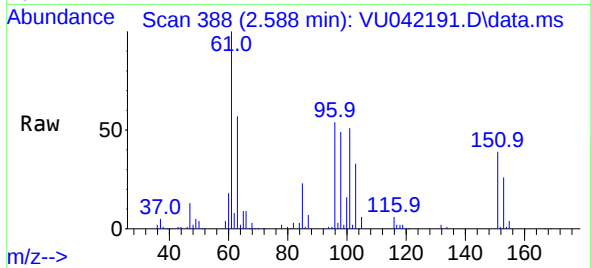




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.02 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

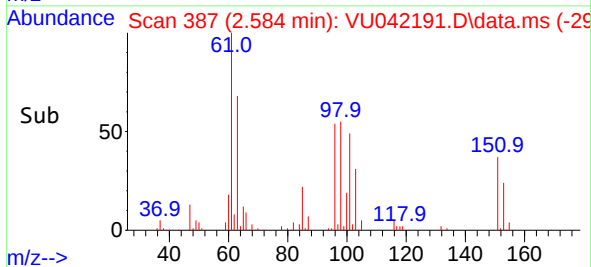
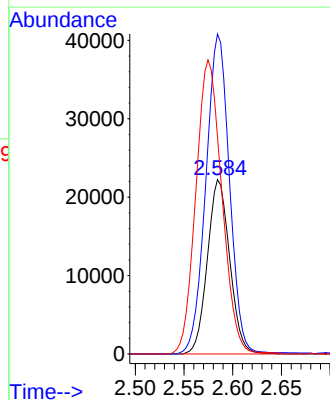
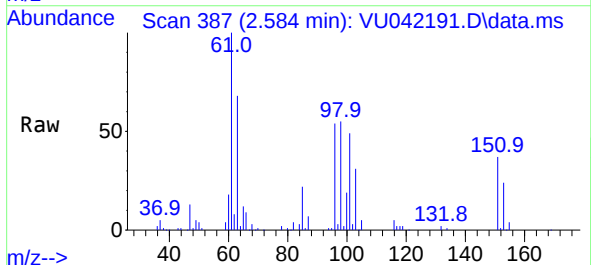
Instrument :
MSVOA_U
ClientSampled :

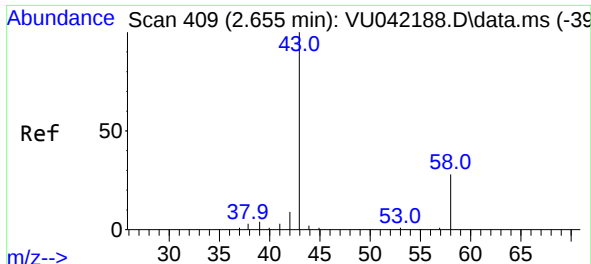
Tgt Ion:101 Resp: 37535
Ion Ratio Lower Upper
101 100
85 45.0 34.5 51.7
151 78.1 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.07 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 96 Resp: 35401
Ion Ratio Lower Upper
96 100
61 183.6 115.1 213.7
63 124.7 84.1 156.1

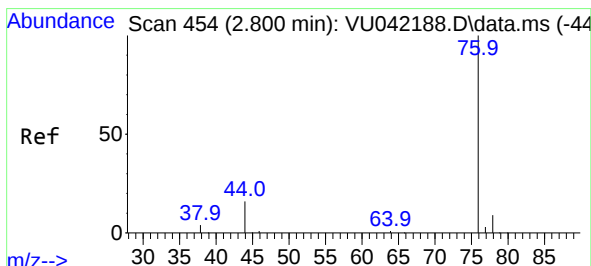
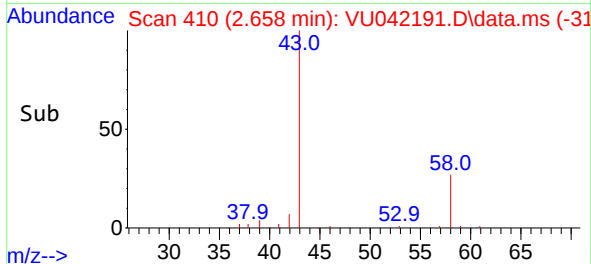
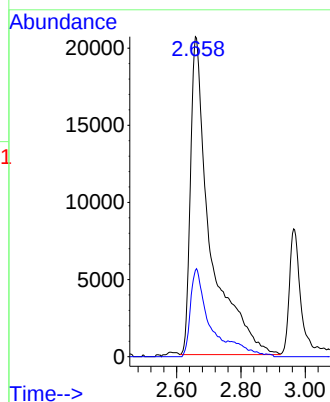
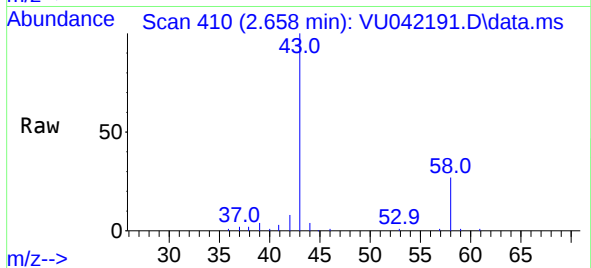




#13
Acetone
Concen: 50.52 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

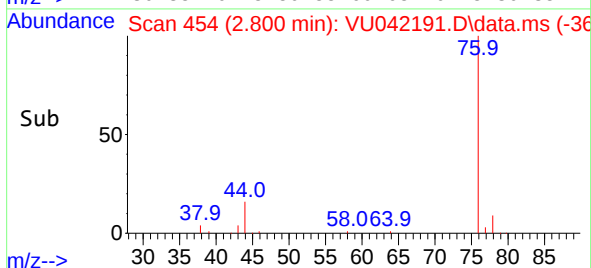
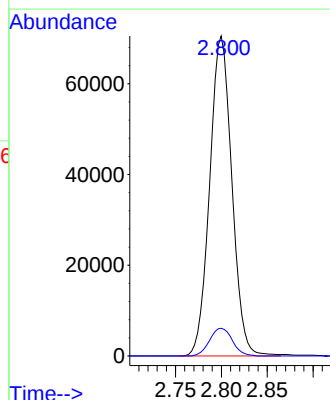
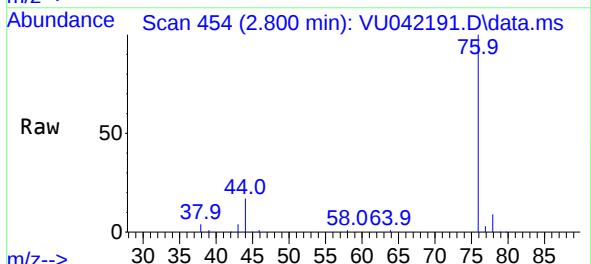
Instrument :
MSVOA_U
ClientSampled :

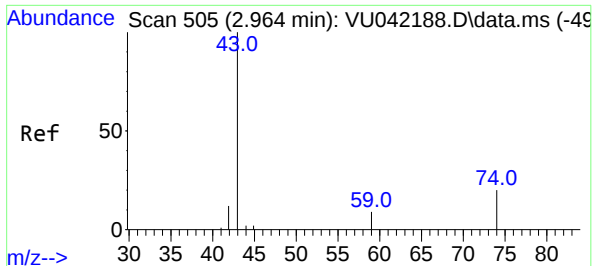
Tgt Ion: 43 Resp: 88139
Ion Ratio Lower Upper
43 100
58 23.3 0.0 25.0



#14
Carbon disulfide
Concen: 5.01 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 76 Resp: 118648
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

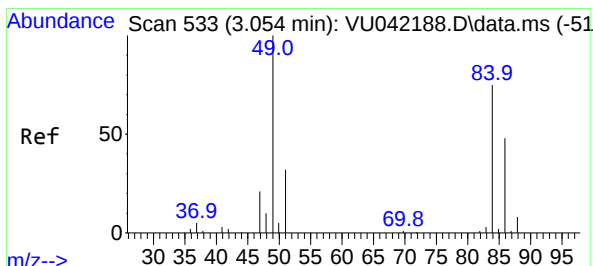
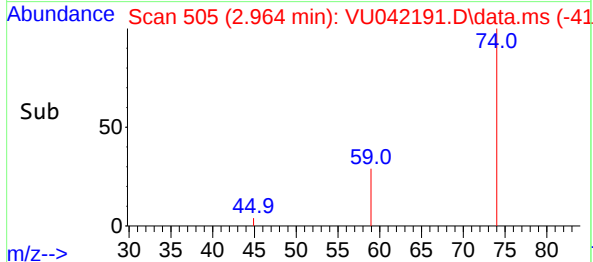
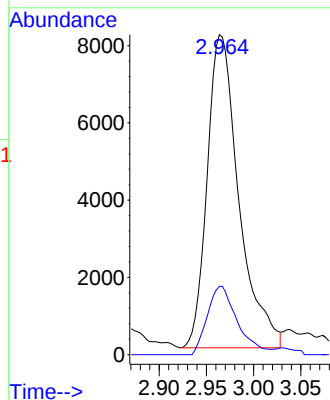
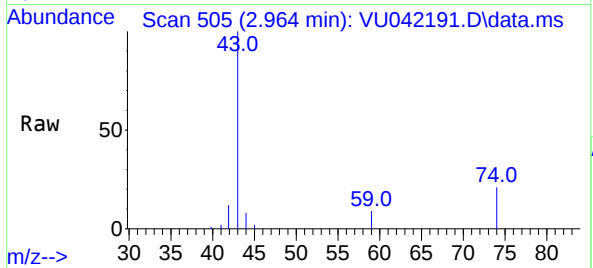




#15
Methyl Acetate
Concen: 4.37 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

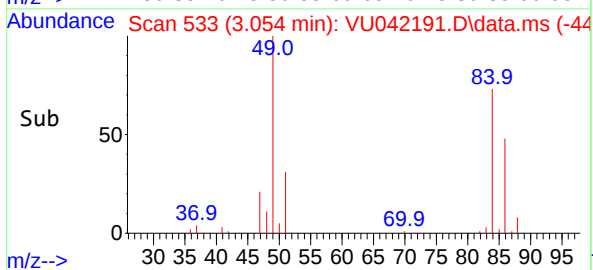
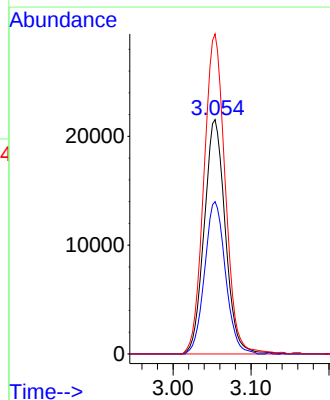
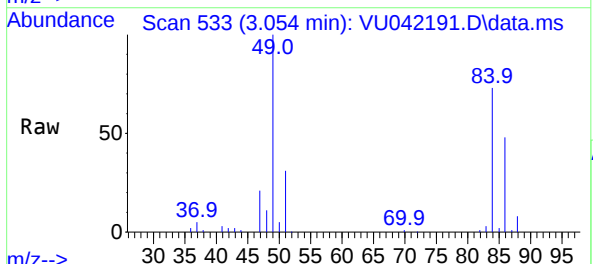
Instrument :
MSVOA_U
ClientSampled :

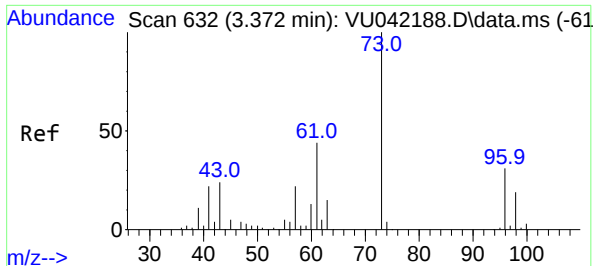
Tgt Ion: 43 Resp: 18882
Ion Ratio Lower Upper
43 100
74 20.8 21.5 32.3#



#16
Methylene chloride
Concen: 4.75 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 84 Resp: 40571
Ion Ratio Lower Upper
84 100
86 65.0 44.9 83.5
49 136.5 79.0 146.8

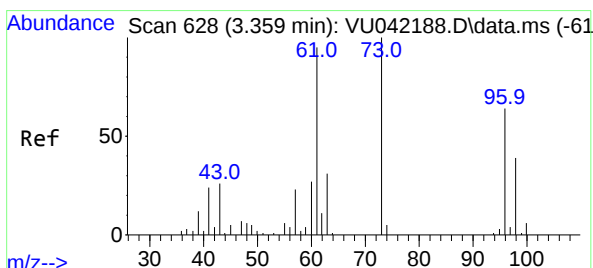
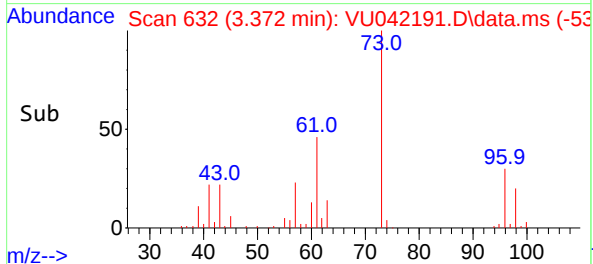
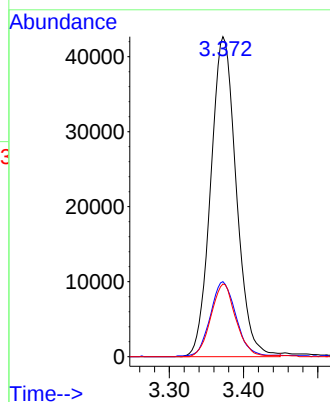
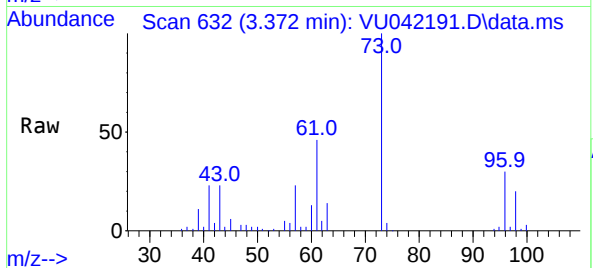




#17
Methyl tert-butyl Ether
Concen: 5.03 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

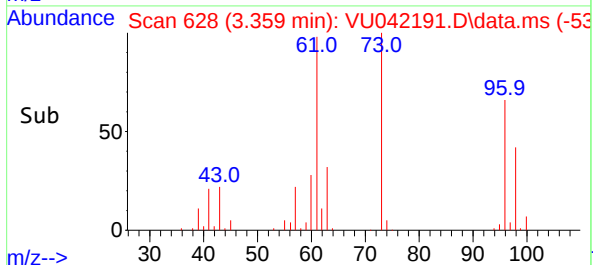
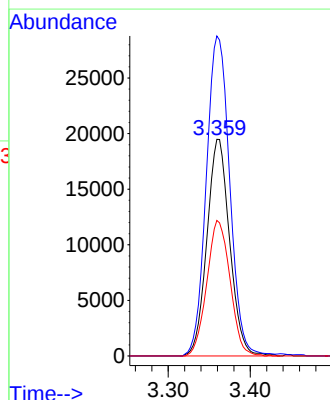
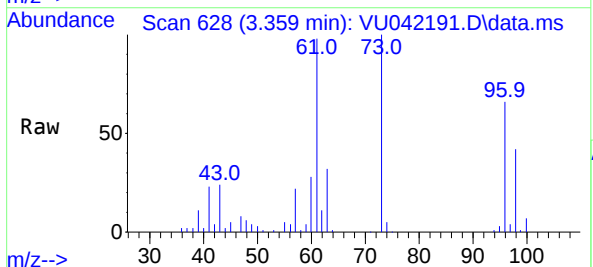
Instrument :
MSVOA_U
ClientSampleId :

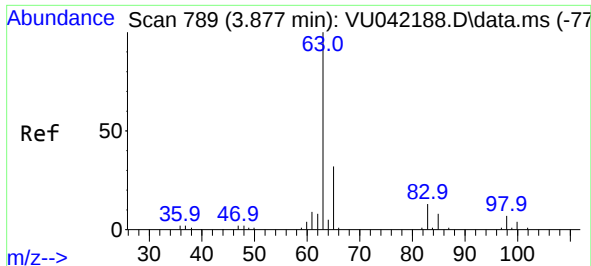
Tgt Ion: 73 Resp: 101954
Ion Ratio Lower Upper
73 100
43 24.0 15.0 22.4#
57 22.1 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.03 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 96 Resp: 37525
Ion Ratio Lower Upper
96 100
61 147.8 96.6 179.4
98 62.6 44.7 82.9



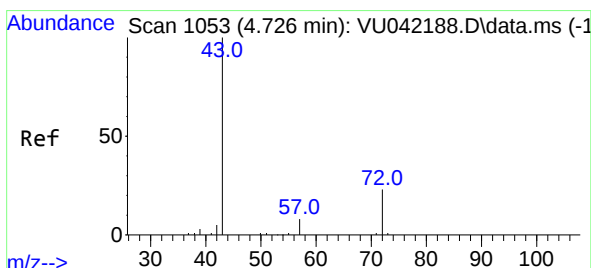
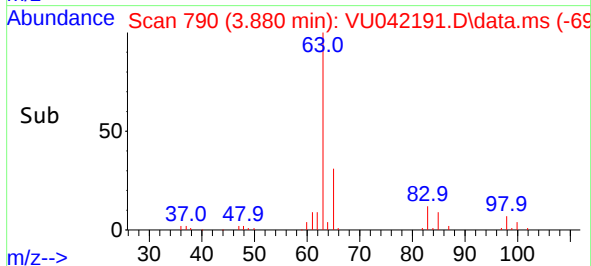
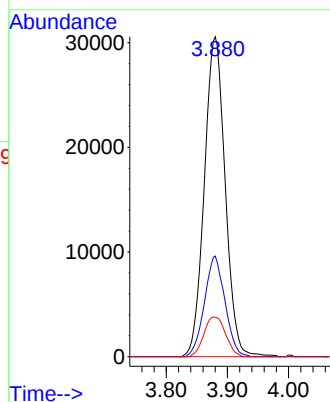
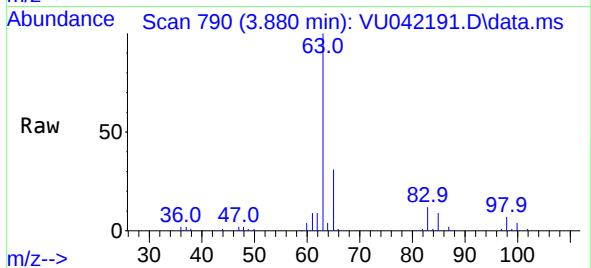


#19
1,1-Dichloroethane
Concen: 5.02 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 63 Resp: 72463

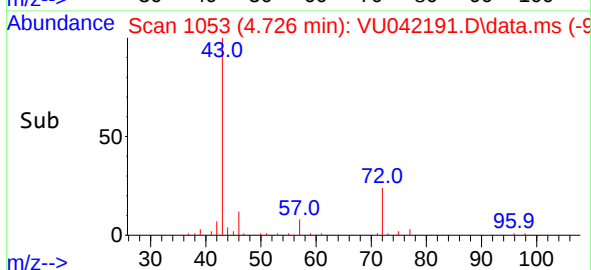
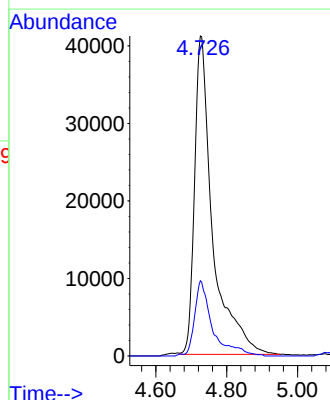
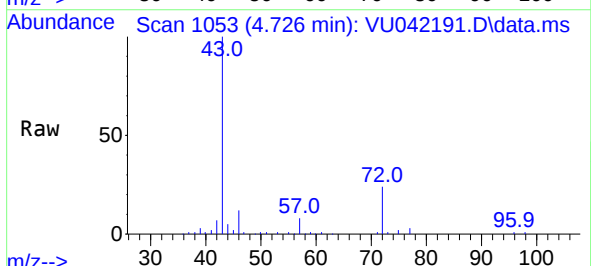
Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.2	43.0
83	12.3	9.9	18.3

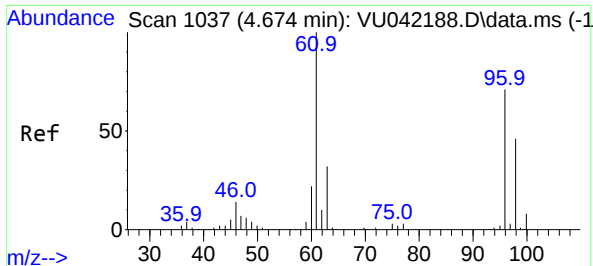


#21
2-Butanone
Concen: 50.51 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 43 Resp: 145127

Ion	Ratio	Lower	Upper
43	100		
72	19.4	15.8	47.3



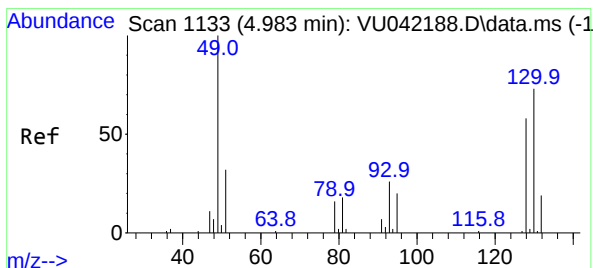
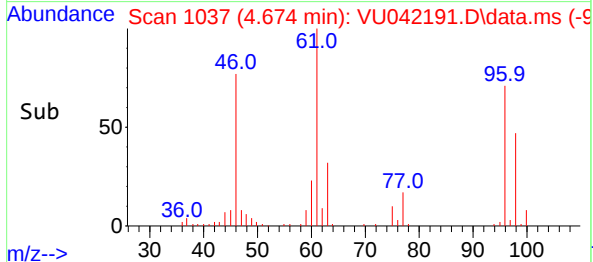
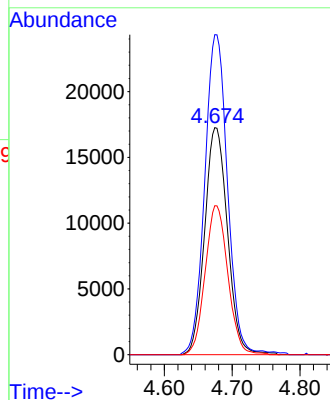
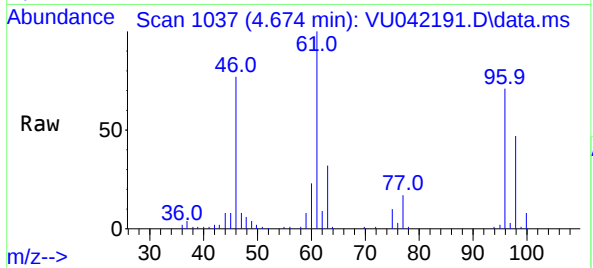


#22
cis-1,2-Dichloroethene
Concen: 5.03 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 40483

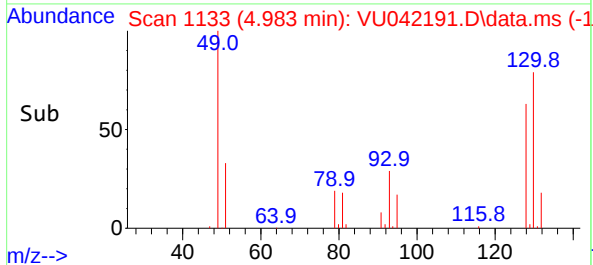
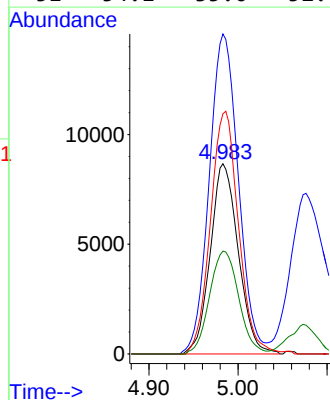
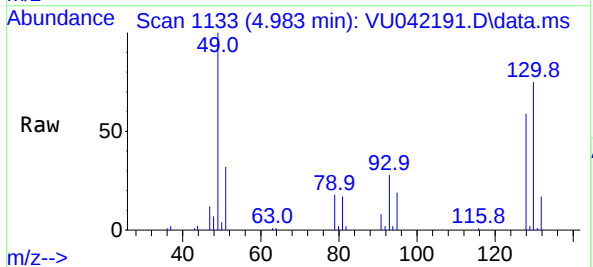
Ion	Ratio	Lower	Upper
96	100		
61	140.9	87.4	162.4
98	65.6	47.7	88.5

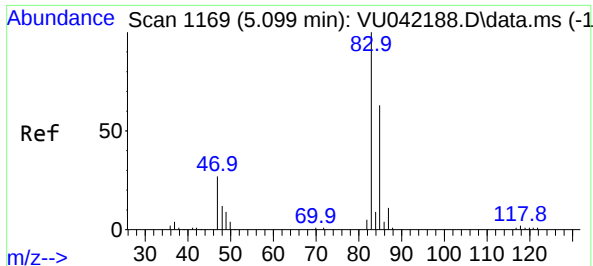


#23
Bromochloromethane
Concen: 5.04 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 128 Resp: 18957

Ion	Ratio	Lower	Upper
128	100		
49	168.2	96.4	179.0
130	126.2	91.2	169.4
51	54.1	35.0	52.6

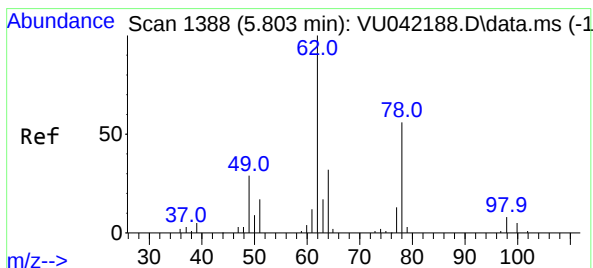
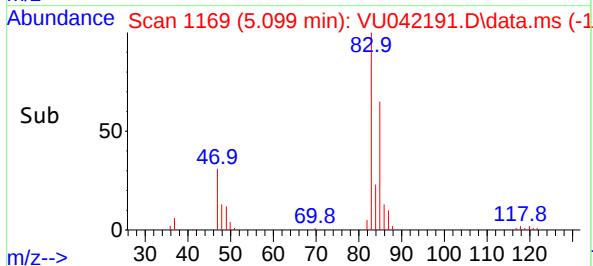
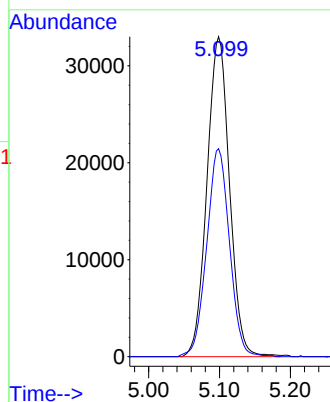
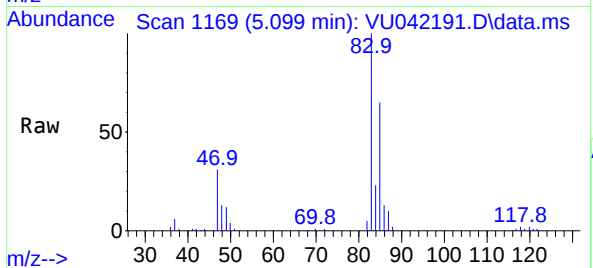




#25
Chloroform
Concen: 4.88 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

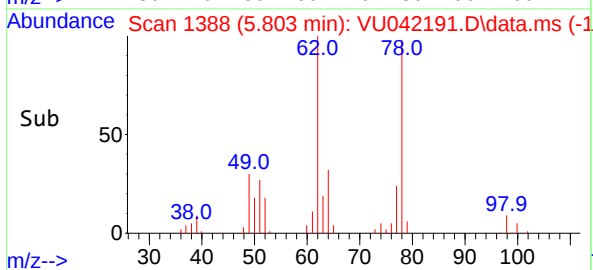
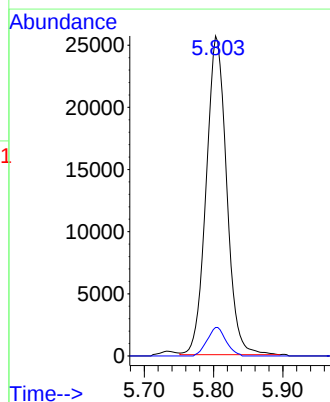
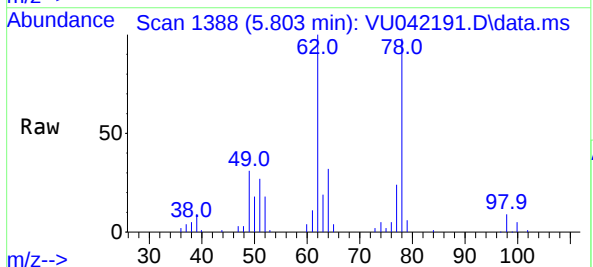
Instrument :
MSVOA_U
ClientSampled :

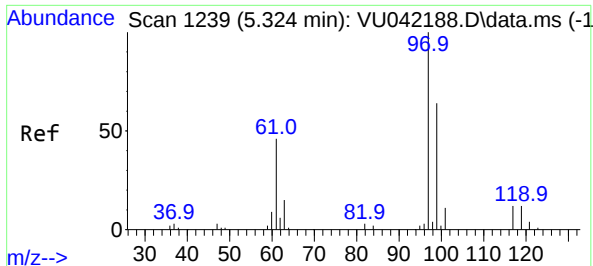
Tgt Ion: 83 Resp: 72968
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.84 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 62 Resp: 52389
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3

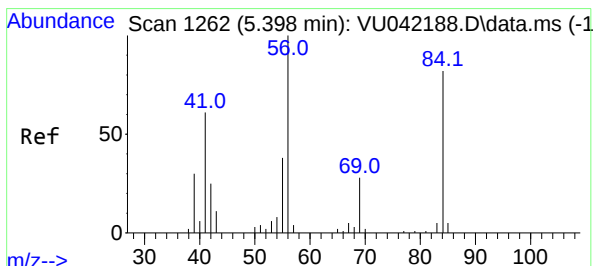
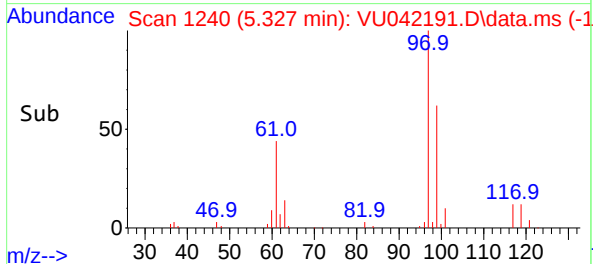
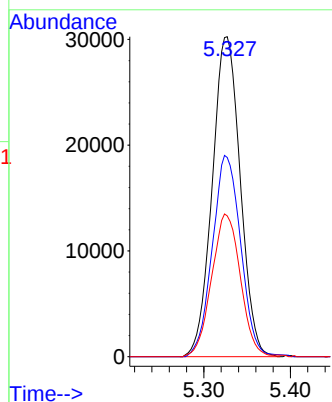
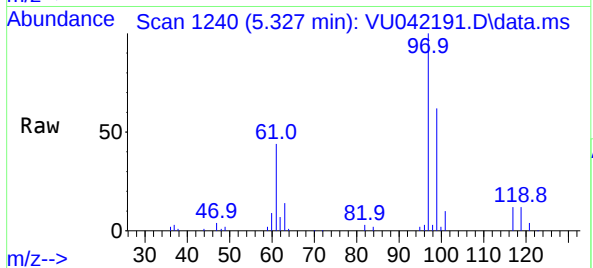




#29
1,1,1-Trichloroethane
Concen: 5.06 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

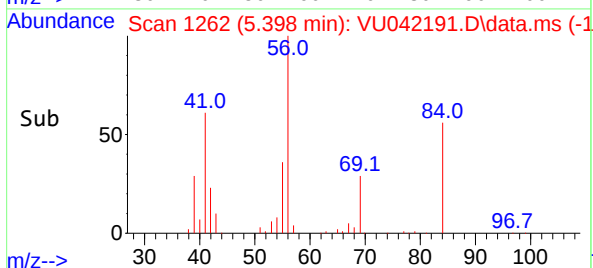
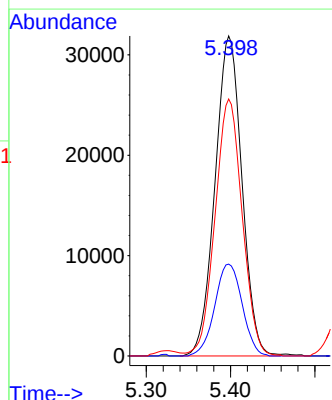
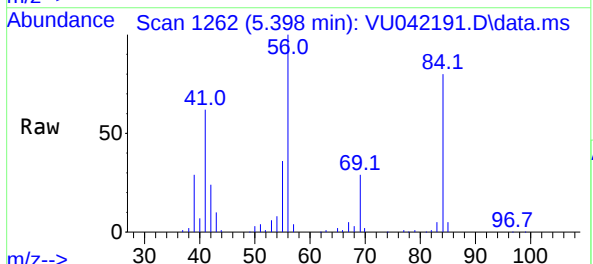
Instrument :
MSVOA_U
ClientSampled :

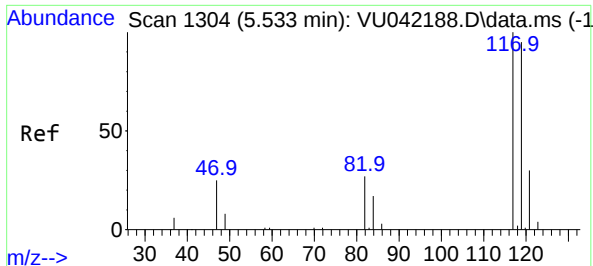
Tgt Ion: 97 Resp: 68030
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 45.7 32.7 49.1



#30
Cyclohexane
Concen: 5.11 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 56 Resp: 70647
Ion Ratio Lower Upper
56 100
69 29.3 25.2 37.8
84 81.1 76.2 114.4

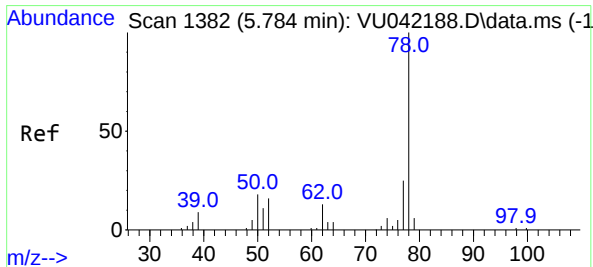
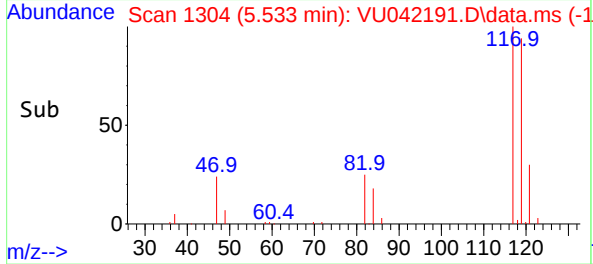
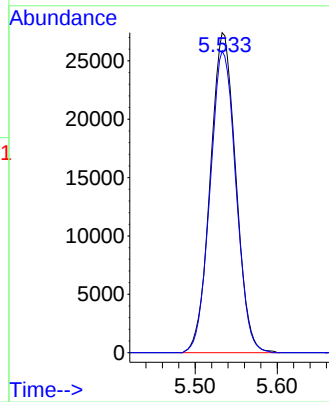
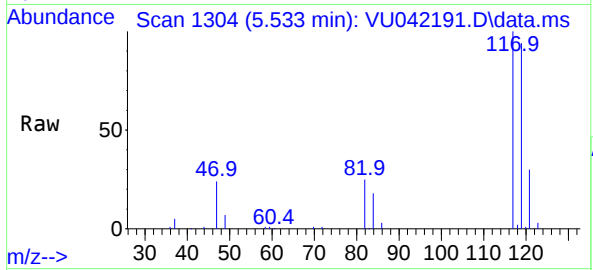




#31
Carbon tetrachloride
Concen: 5.02 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

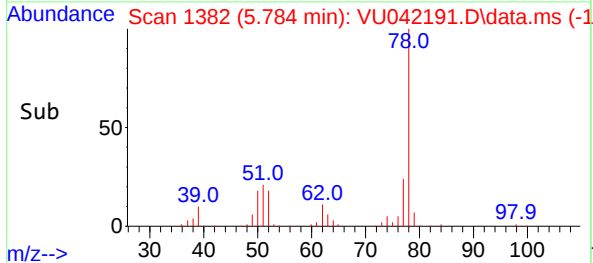
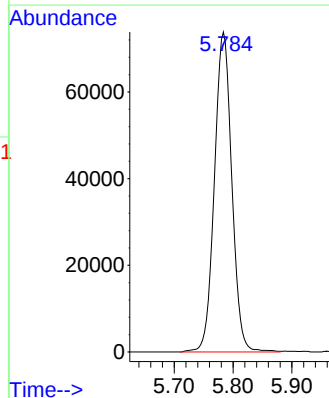
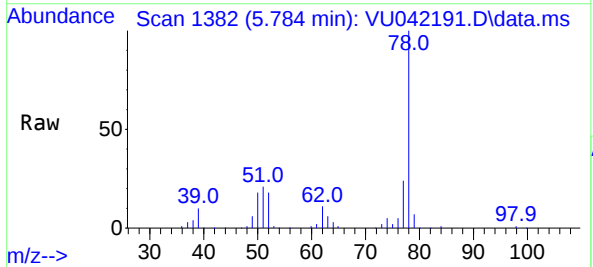
Instrument :
MSVOA_U
ClientSampled :

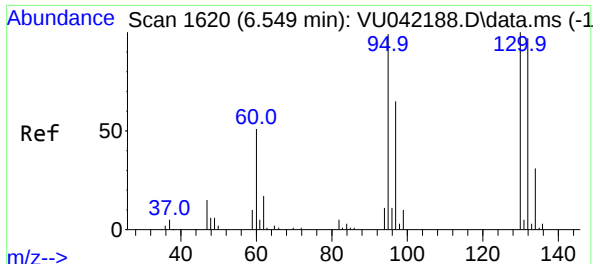
Tgt Ion:117 Resp: 59403
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4



#33
Benzene
Concen: 4.99 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 78 Resp: 151674

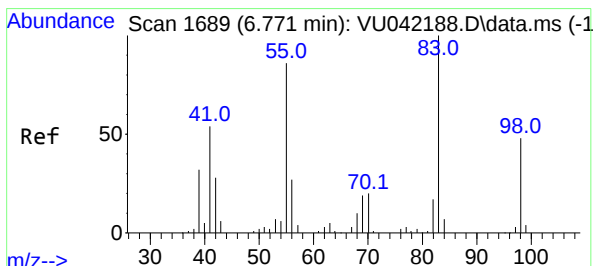
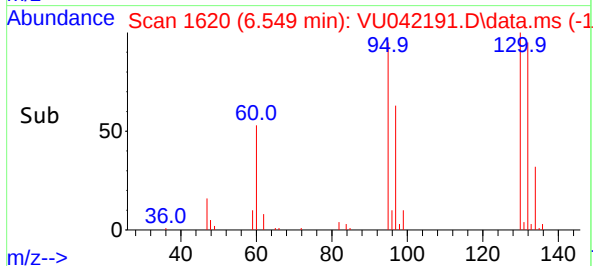
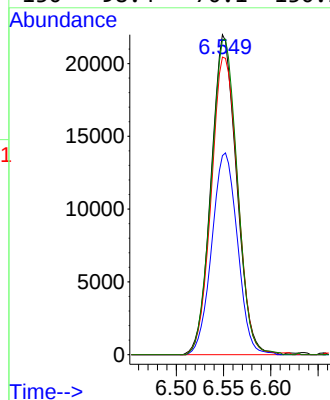
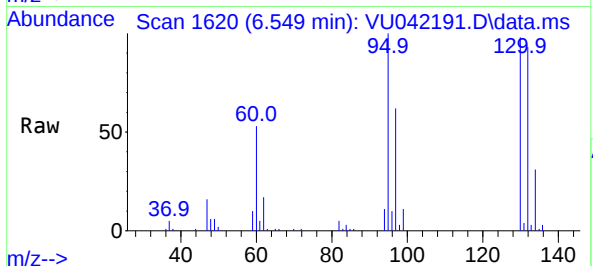




#34
Trichloroethene
Concen: 5.07 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

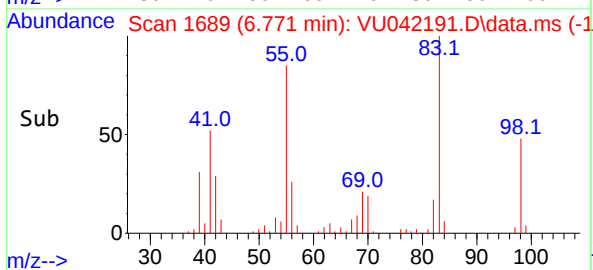
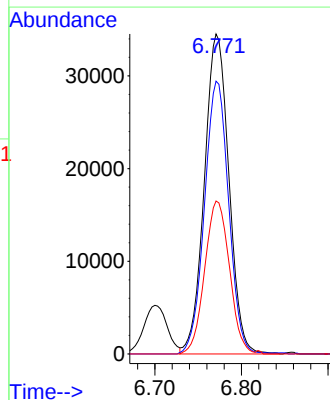
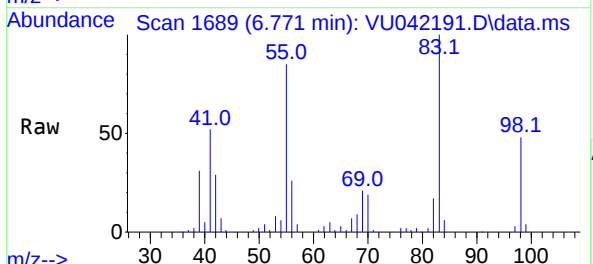
Instrument :
MSVOA_U
ClientSampled :

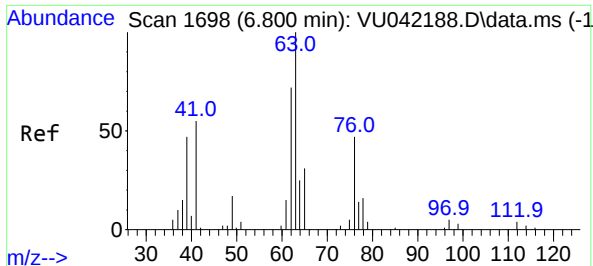
Tgt Ion: 95 Resp: 41213
Ion Ratio Lower Upper
95 100
97 62.2 45.8 85.2
132 93.0 68.7 127.7
130 98.4 70.1 130.3



#35
Methylcyclohexane
Concen: 5.16 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 83 Resp: 67998
Ion Ratio Lower Upper
83 100
55 84.3 59.5 89.3
98 48.2 37.9 56.9

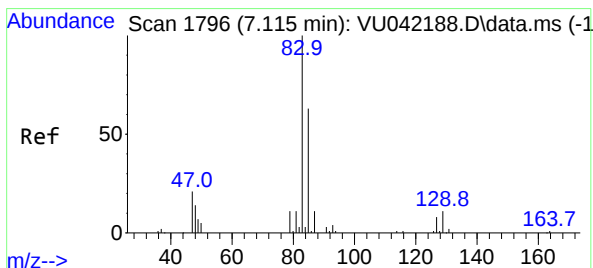
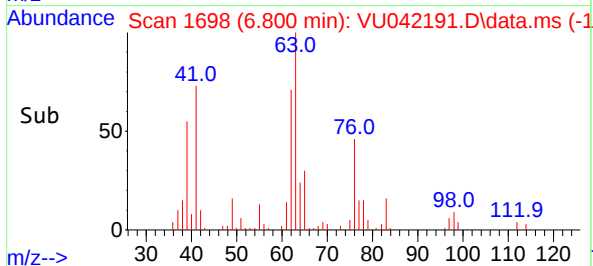
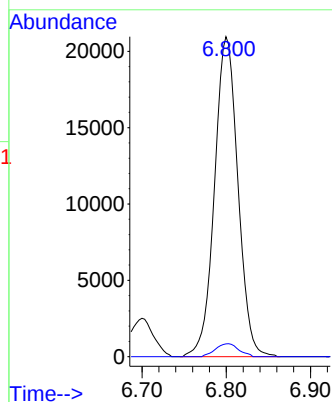
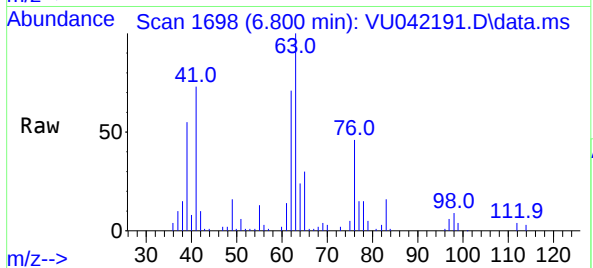




#37
1,2-Dichloropropane
Concen: 5.13 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

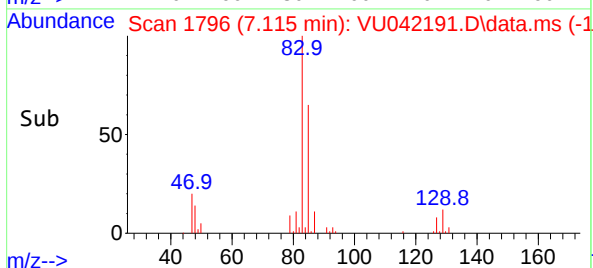
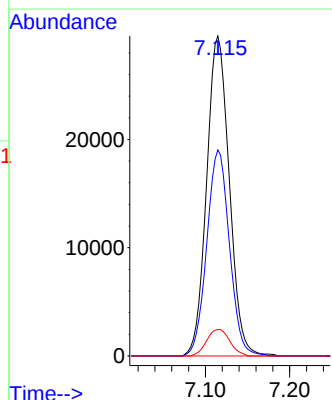
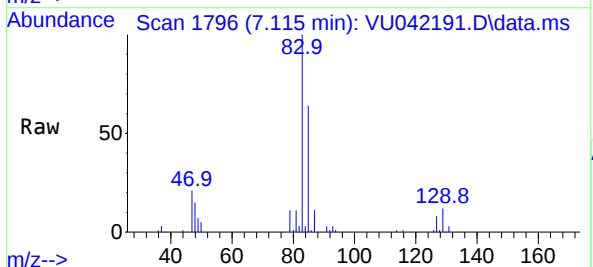
Instrument :
MSVOA_U
ClientSampled :

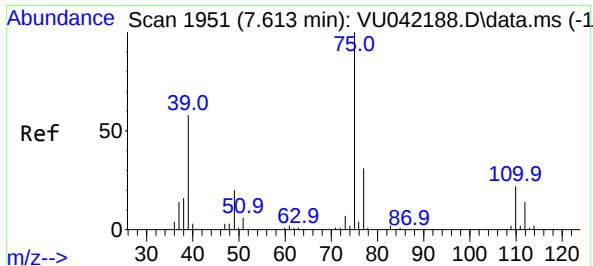
Tgt Ion: 63 Resp: 40407
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



#38
Bromodichloromethane
Concen: 5.08 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 83 Resp: 55248
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
127 8.3 7.4 11.2



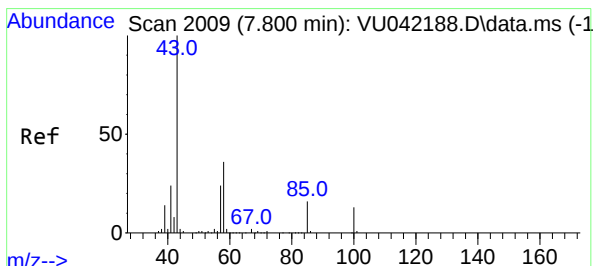
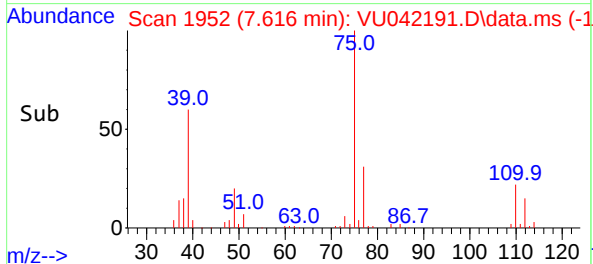
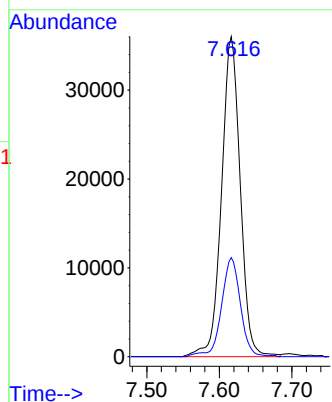
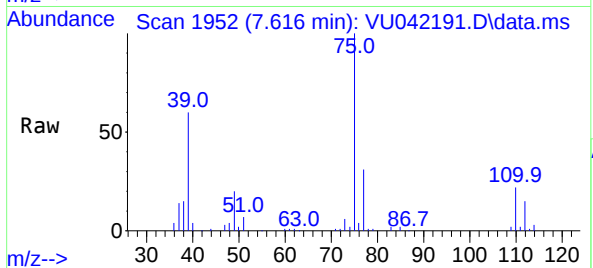


#39

cis-1,3-Dichloropropene
Concen: 5.06 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampleId :

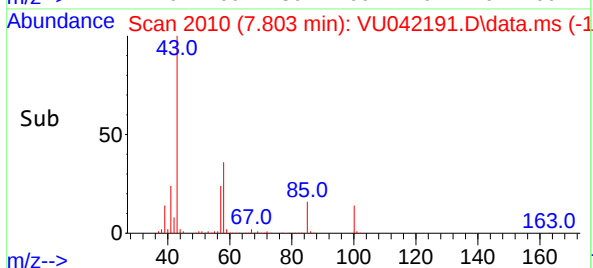
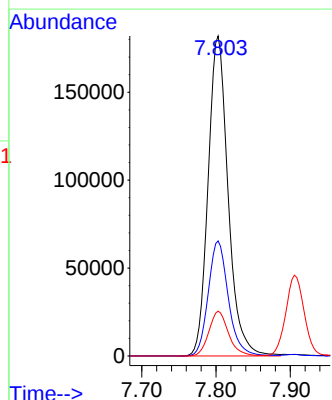
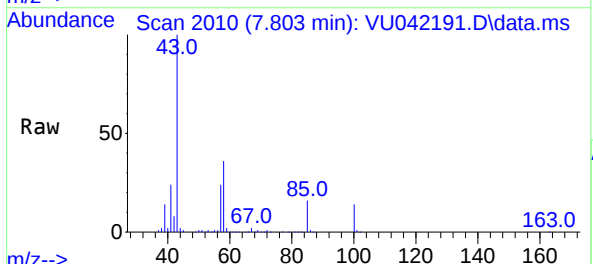
Tgt Ion: 75 Resp: 64529
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.6

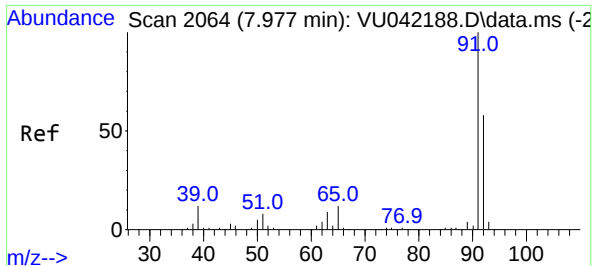


#40

4-Methyl-2-pentanone
Concen: 50.91 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 43 Resp: 340079
Ion Ratio Lower Upper
43 100
58 36.1 35.8 53.6
100 13.8 15.1 22.7#

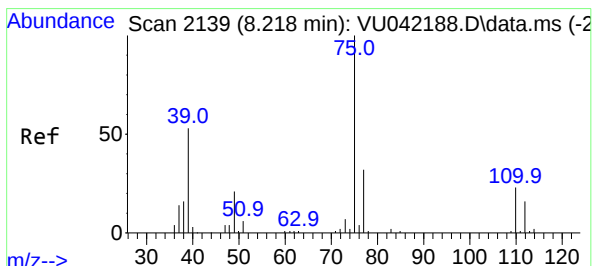
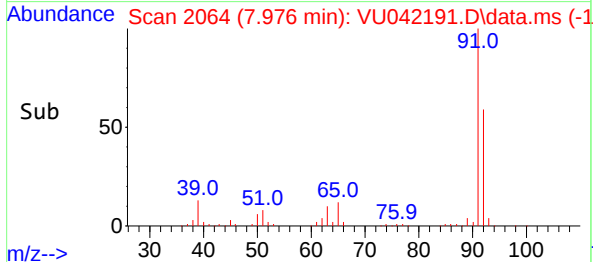
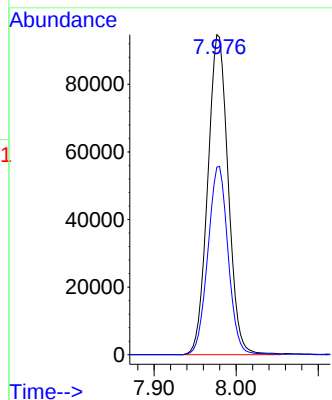
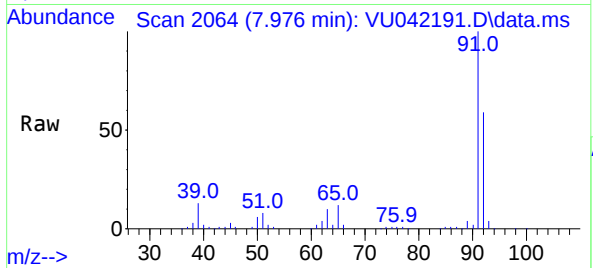




#42
Toluene
Concen: 5.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

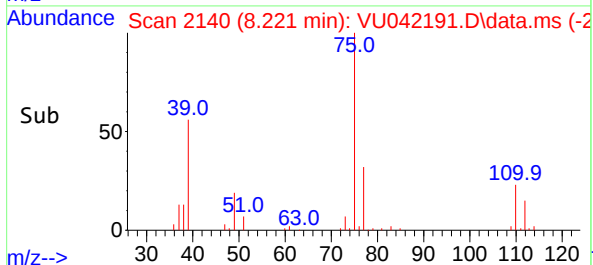
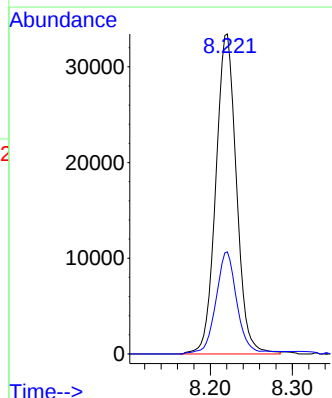
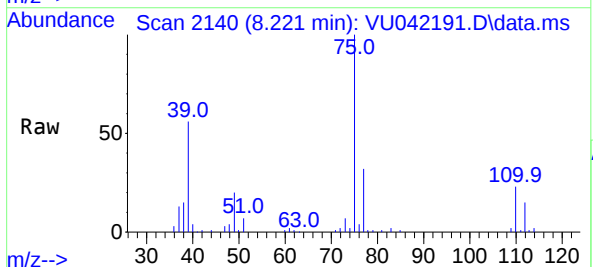
Instrument :
MSVOA_U
ClientSampled :

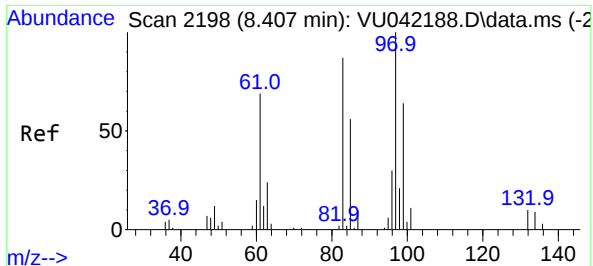
Tgt Ion: 91 Resp: 163965
Ion Ratio Lower Upper
91 100
92 58.6 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.06 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 75 Resp: 58604
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.4



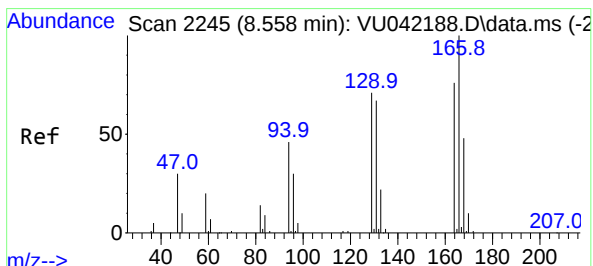
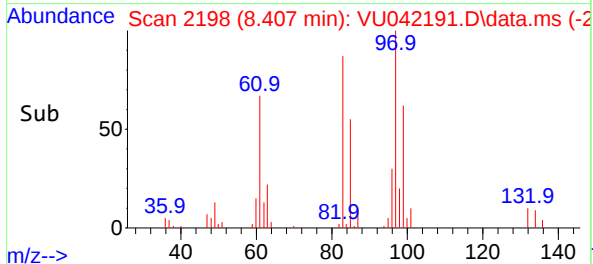
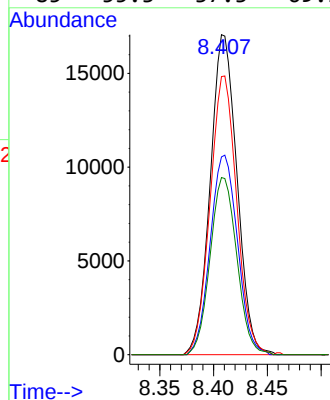
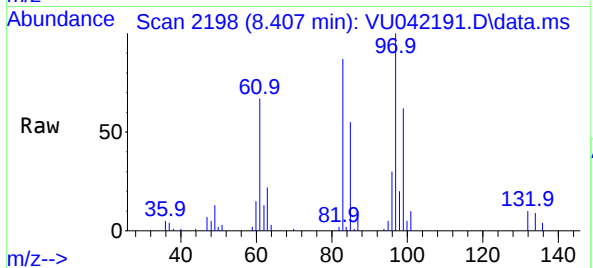


#45

1,1,2-Trichloroethane
Concen: 5.06 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

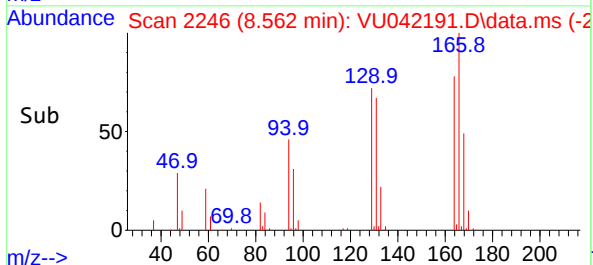
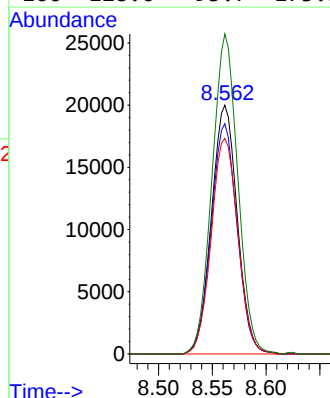
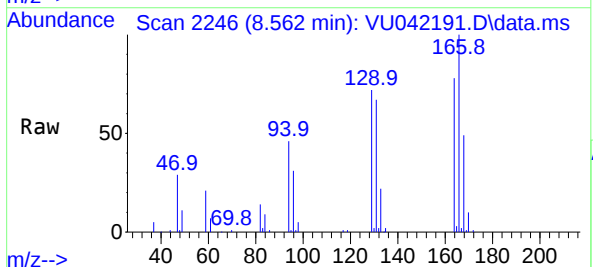
Tgt Ion:	97	Resp:	29496
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.2	82.0
83	86.9	60.1	111.7
85	55.3	37.3	69.3

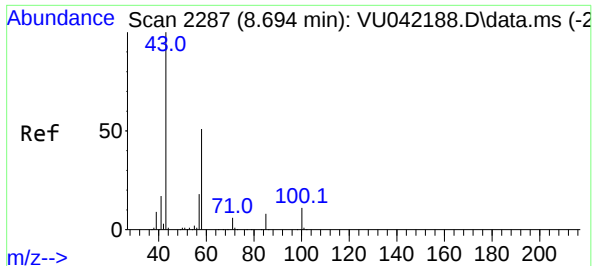


#47

Tetrachloroethene
Concen: 4.98 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:	164	Resp:	33445
Ion	Ratio	Lower	Upper
164	100		
129	92.5	66.6	123.8
131	86.6	65.9	122.3
166	128.6	93.7	173.9

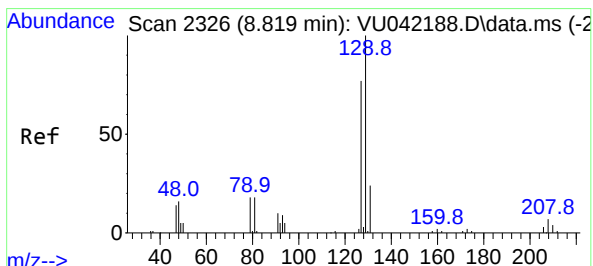
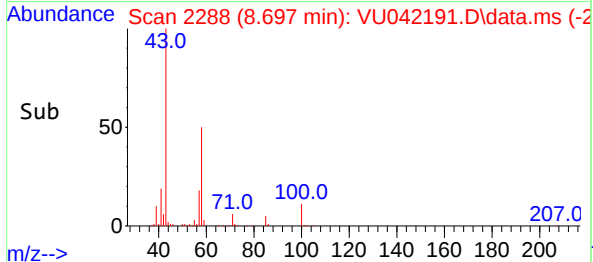
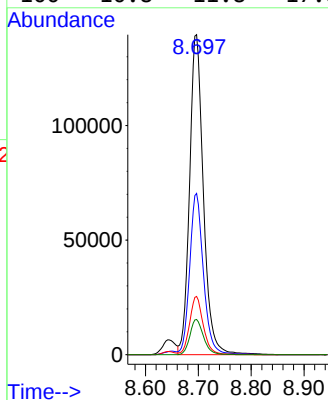
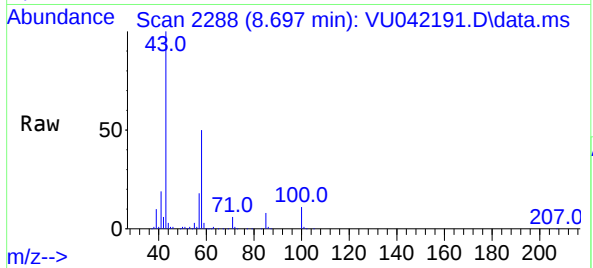




#48
2-Hexanone
Concen: 52.71 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

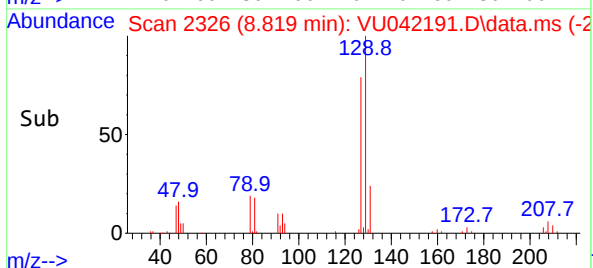
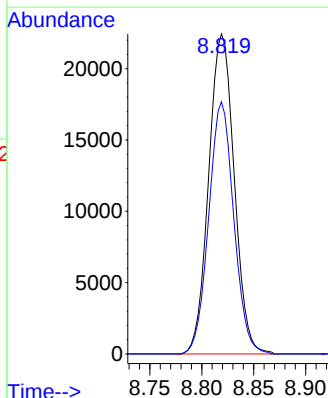
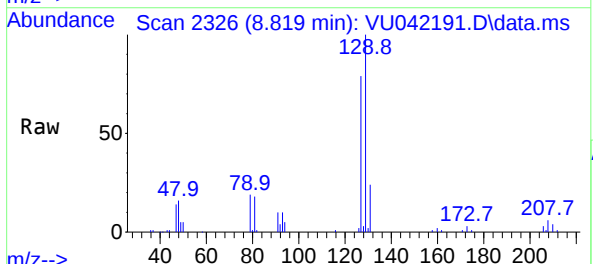
Instrument :
MSVOA_U
ClientSampled :

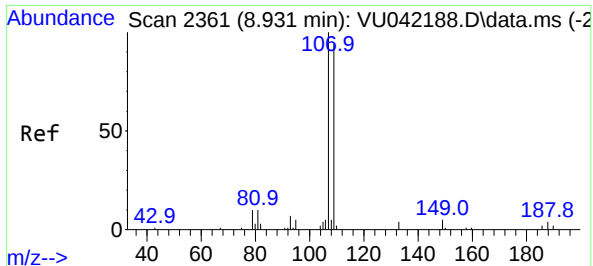
Tgt Ion: 43 Resp: 254405
Ion Ratio Lower Upper
43 100
58 50.3 50.0 75.0
57 17.8 17.4 26.0
100 10.8 11.8 17.8#



#49
Dibromochloromethane
Concen: 5.08 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

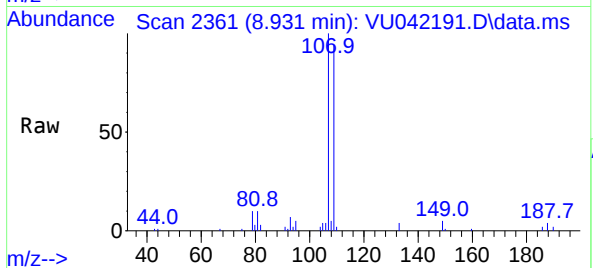
Tgt Ion:129 Resp: 38391
Ion Ratio Lower Upper
129 100
127 78.8 56.6 105.2



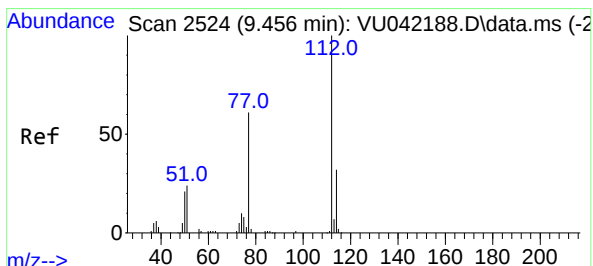
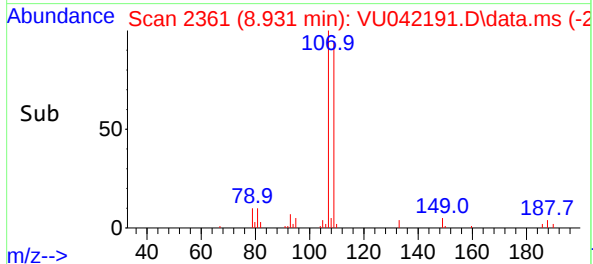
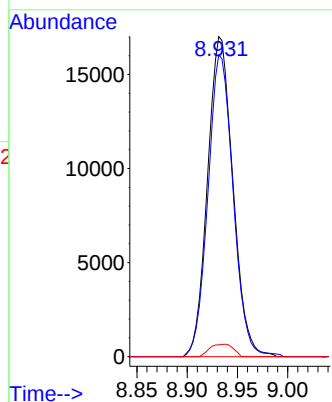


#50
1,2-Dibromoethane
Concen: 5.01 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampleId :

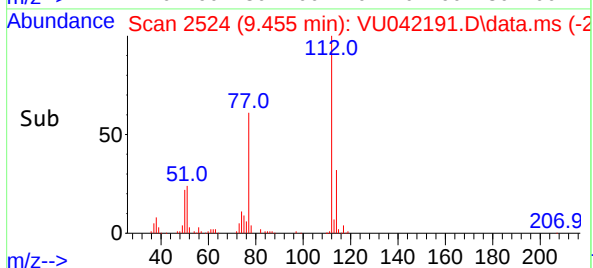
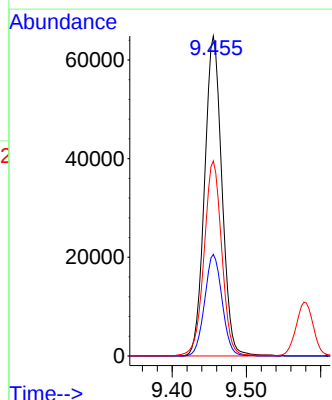
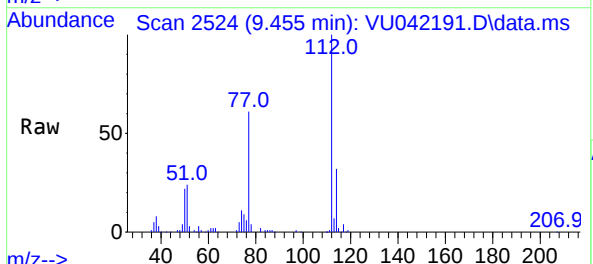


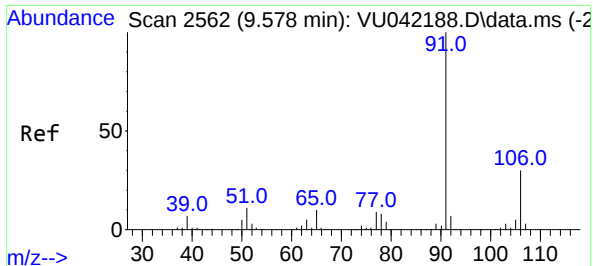
Tgt Ion:107 Resp: 29843
Ion Ratio Lower Upper
107 100
109 94.3 65.4 121.4
188 3.7 2.5 3.7



#51
Chlorobenzene
Concen: 5.07 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:112 Resp: 105006
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 61.0 45.1 67.7

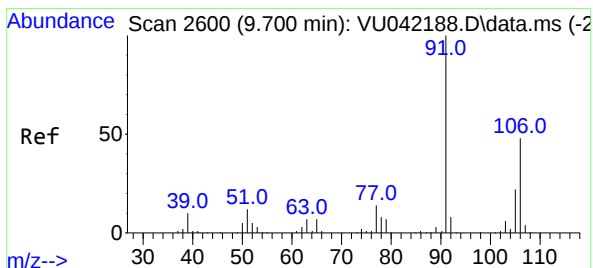
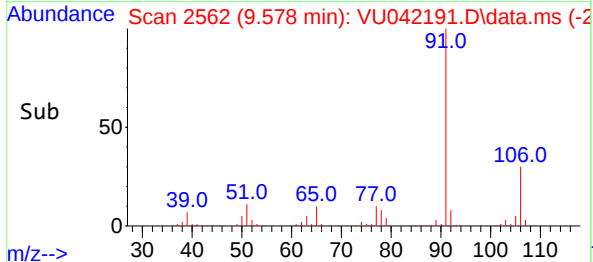
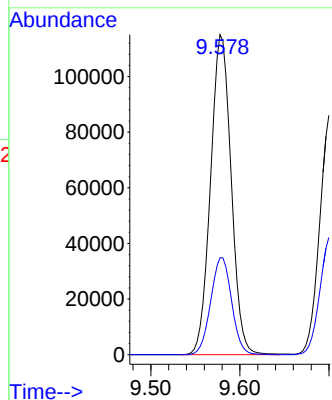
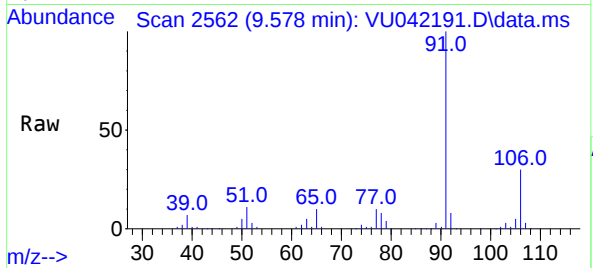




#52
Ethylbenzene
Concen: 5.02 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

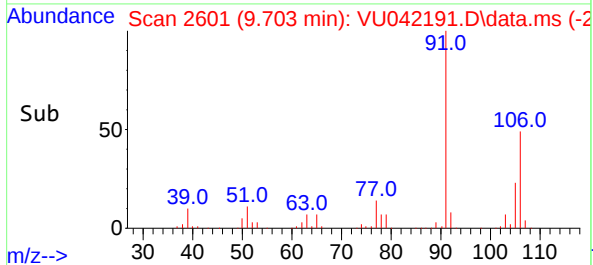
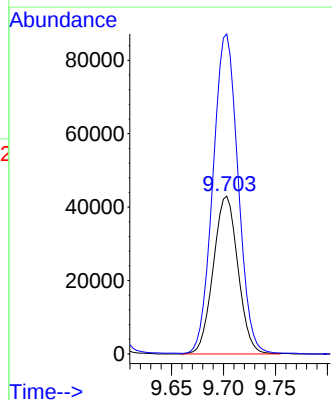
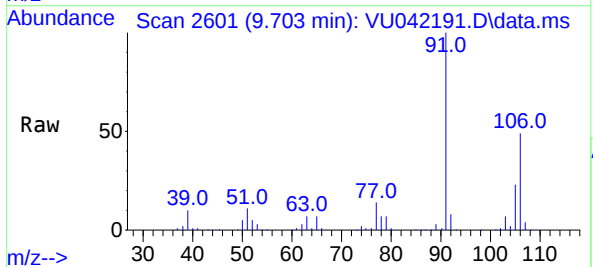
Instrument :
MSVOA_U
ClientSampleId :

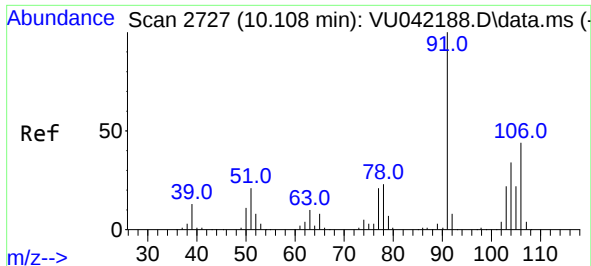
Tgt Ion: 91 Resp: 184707
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



#53
m,p-Xylene
Concen: 5.15 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 106 Resp: 71015
Ion Ratio Lower Upper
106 100
91 202.9 137.6 255.6

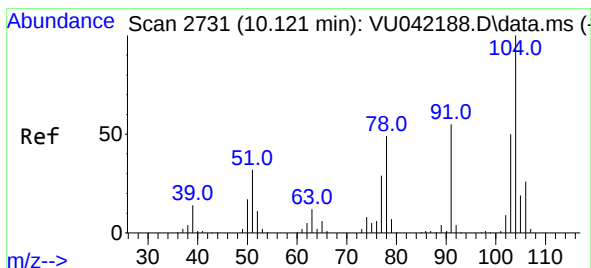
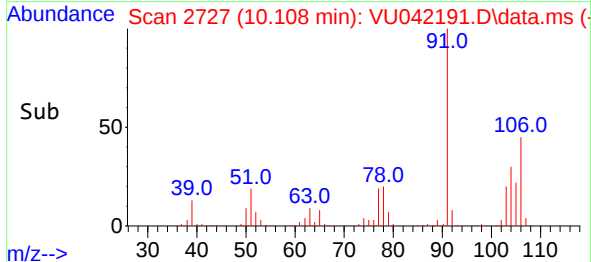
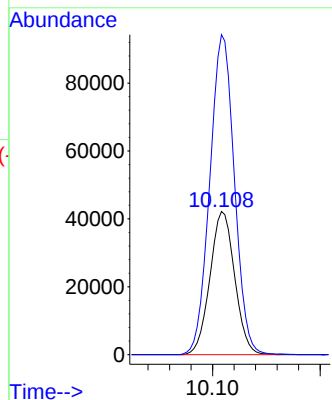
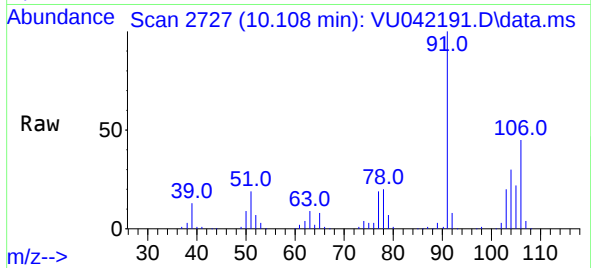




#54
o-Xylene
Concen: 5.00 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

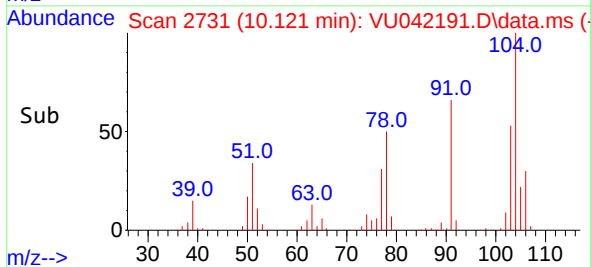
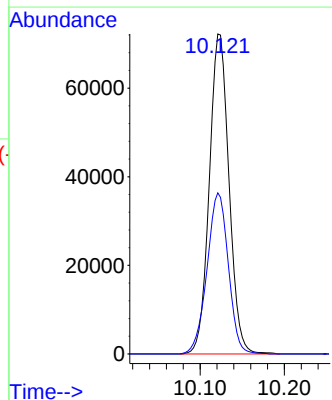
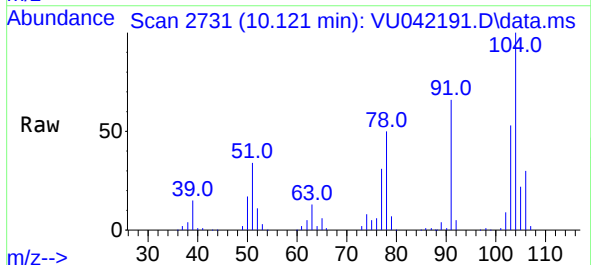
Instrument :
MSVOA_U
ClientSampled :

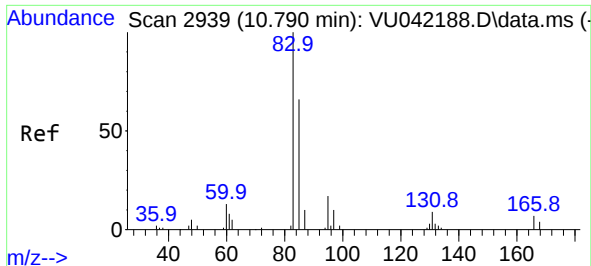
Tgt Ion:106 Resp: 67284
Ion Ratio Lower Upper
106 100
91 223.5 148.5 275.9



#55
Styrene
Concen: 5.19 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:104 Resp: 117295
Ion Ratio Lower Upper
104 100
78 50.4 32.3 60.1

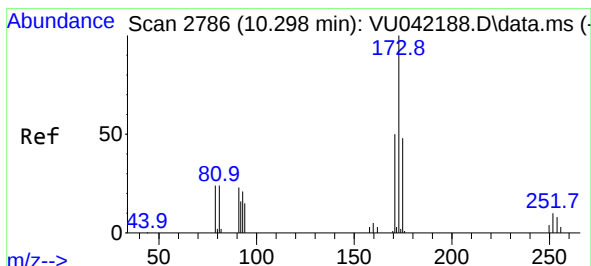
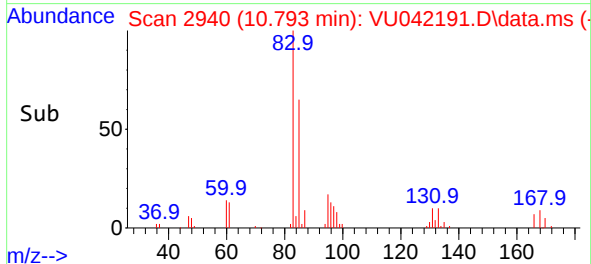
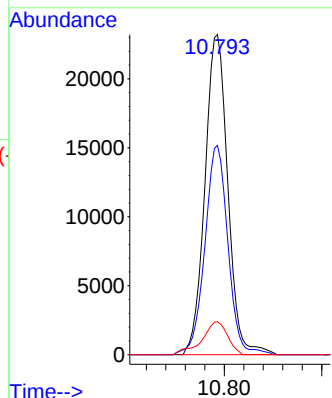
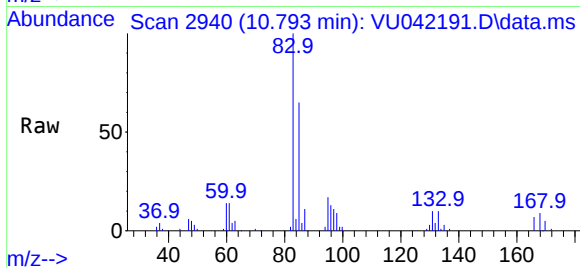




#57
1,1,2,2-Tetrachloroethane
Concen: 5.22 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

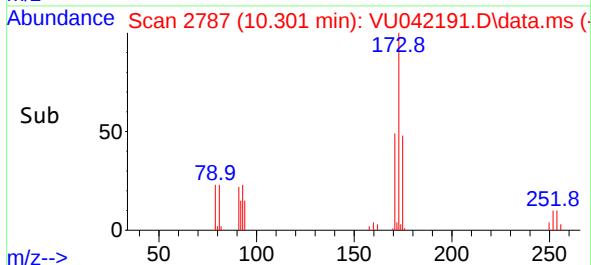
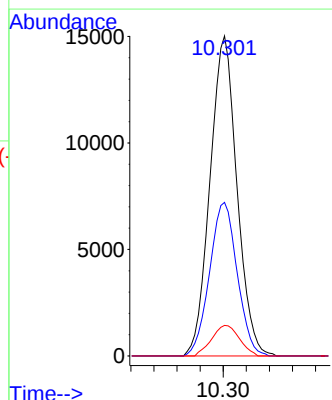
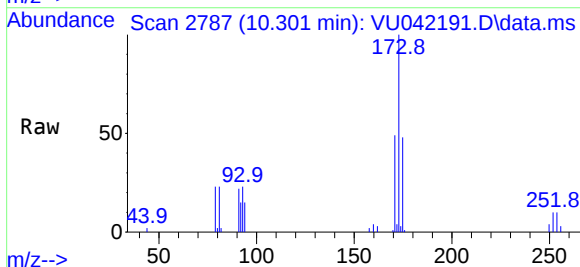
Instrument :
MSVOA_U
ClientSampled :

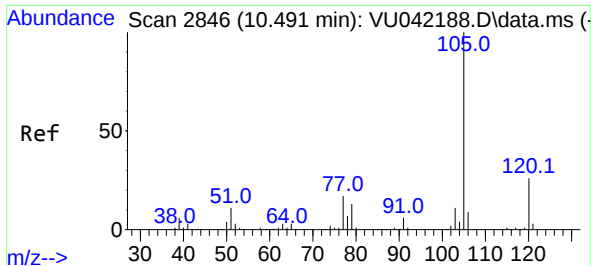
Tgt Ion: 83 Resp: 37798
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
131 10.3 8.2 12.4



#59
Bromoform
Concen: 4.99 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:173 Resp: 24293
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
254 9.8 8.0 12.0



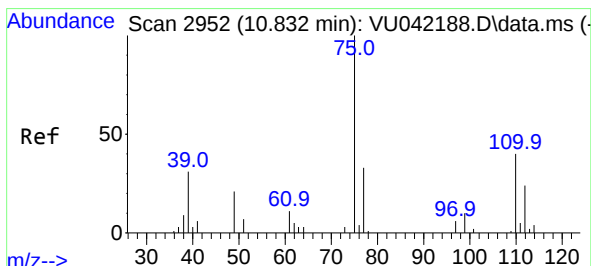
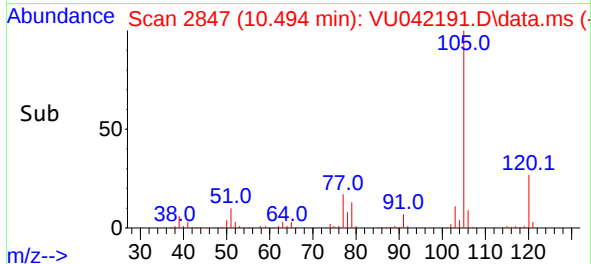
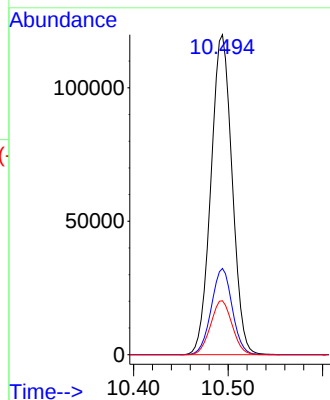
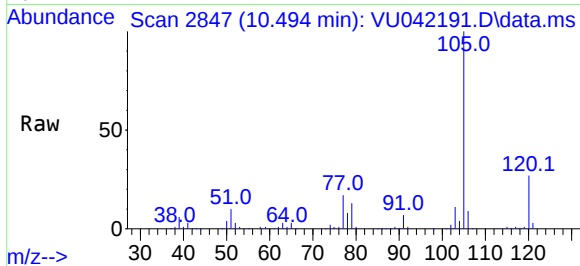


#60
Isopropylbenzene
Concen: 5.07 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:105 Resp: 186336

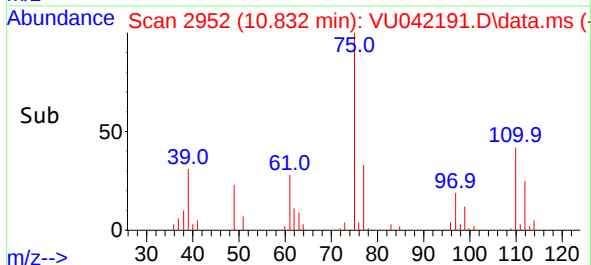
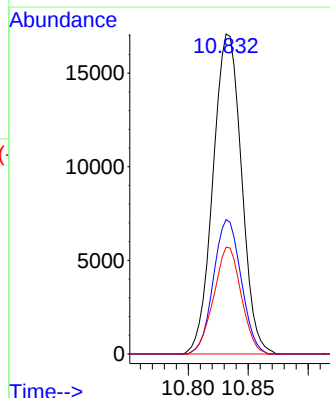
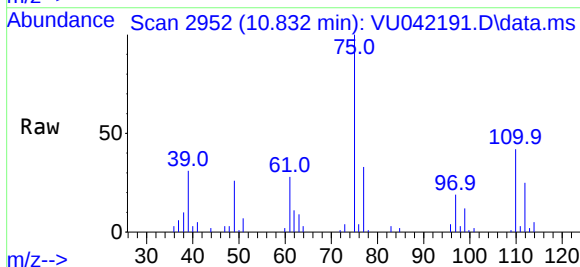
Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.9	31.3
77	17.1	11.8	17.8

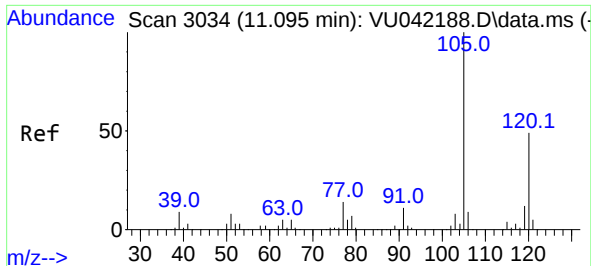


#61
1,2,3-Trichloropropane
Concen: 5.04 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 75 Resp: 28237

Ion	Ratio	Lower	Upper
75	100		
110	40.7	31.5	47.3
77	32.2	26.3	39.5

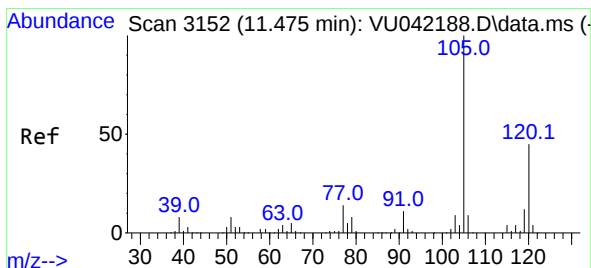
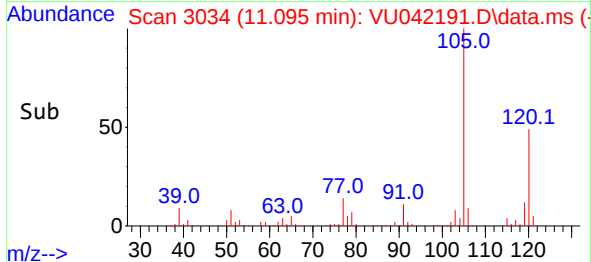
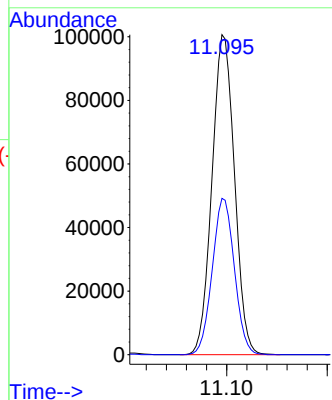
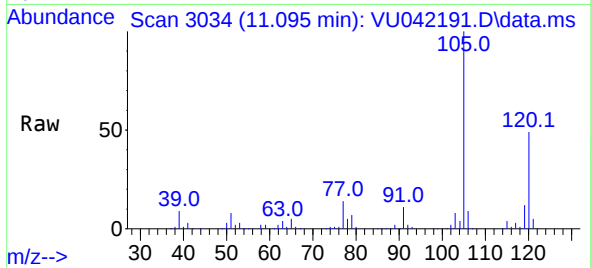




#62
1,3,5-Trimethylbenzene
Concen: 5.11 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

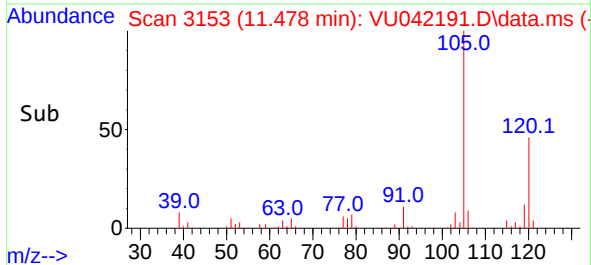
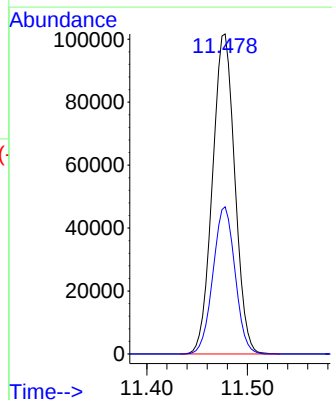
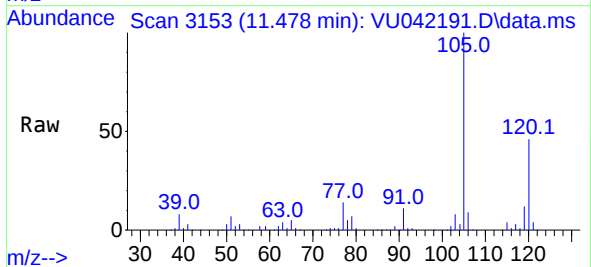
Instrument :
MSVOA_U
ClientSampled :

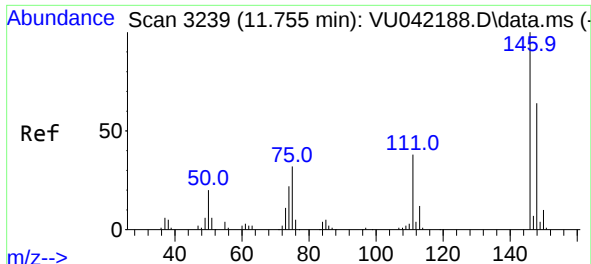
Tgt Ion:105 Resp: 156192
Ion Ratio Lower Upper
105 100
120 48.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 5.17 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:105 Resp: 157084
Ion Ratio Lower Upper
105 100
120 45.4 36.7 55.1

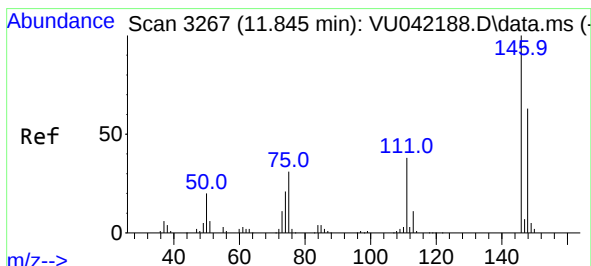
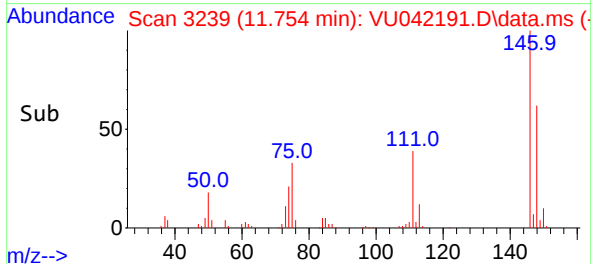
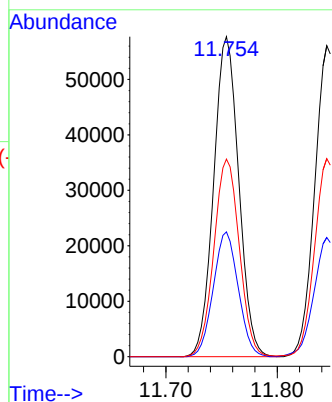
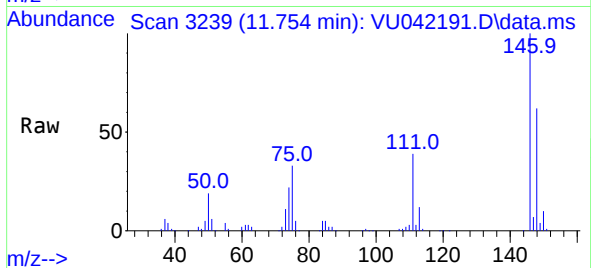




#64
1,3-Dichlorobenzene
Concen: 5.15 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

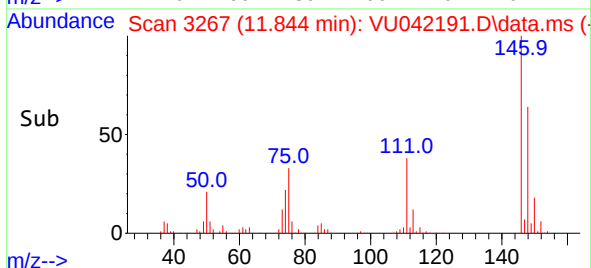
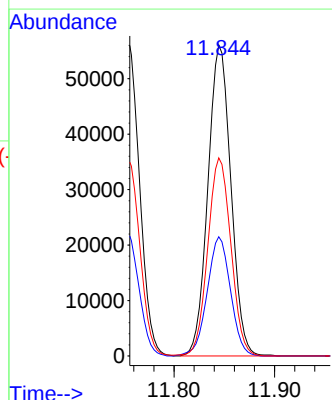
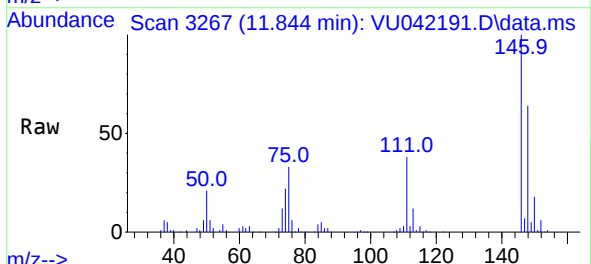
Instrument :
MSVOA_U
ClientSampled :

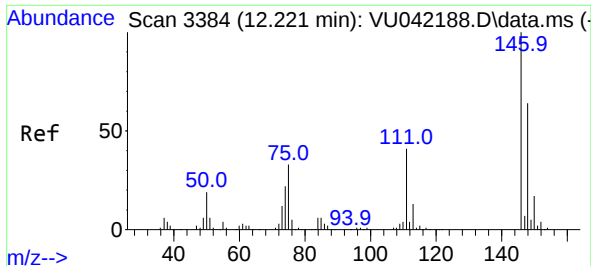
Tgt Ion:146 Resp: 90116
Ion Ratio Lower Upper
146 100
111 39.0 27.6 51.2
148 61.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.05 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:146 Resp: 89158
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.5
148 63.7 43.9 81.5

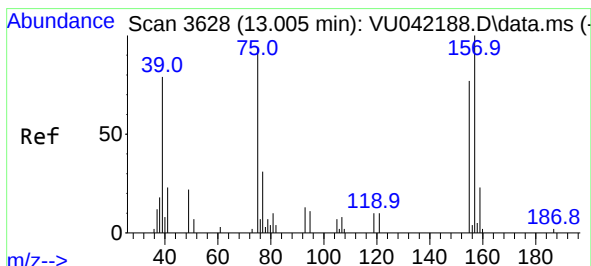
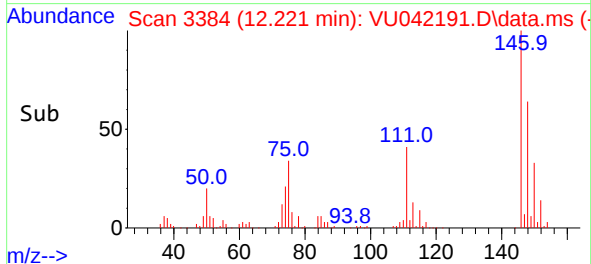
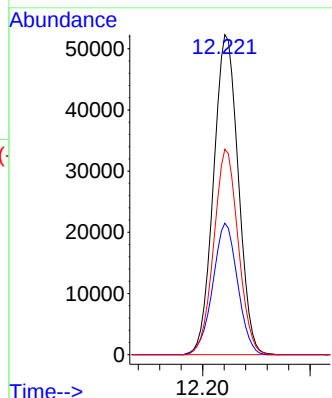
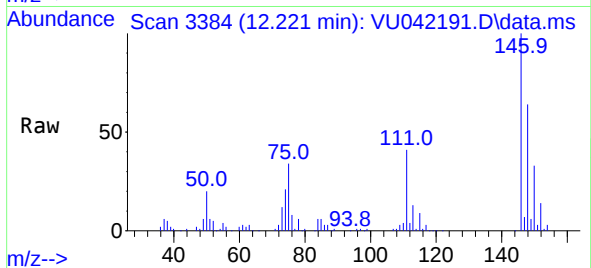




#67
1,2-Dichlorobenzene
Concen: 5.05 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

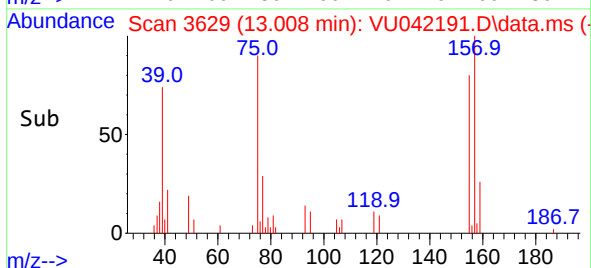
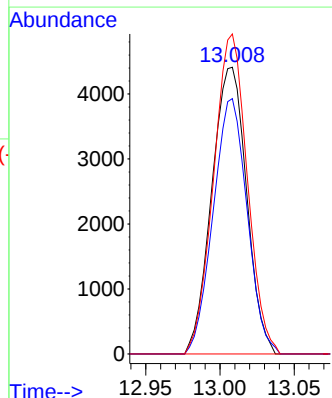
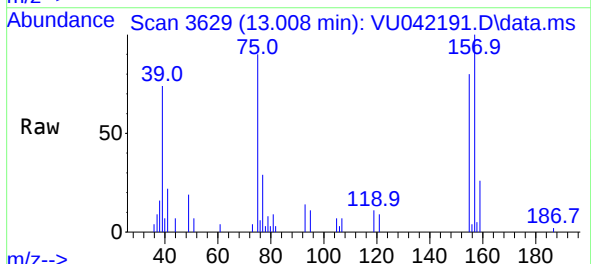
Instrument :
MSVOA_U
ClientSampleId :

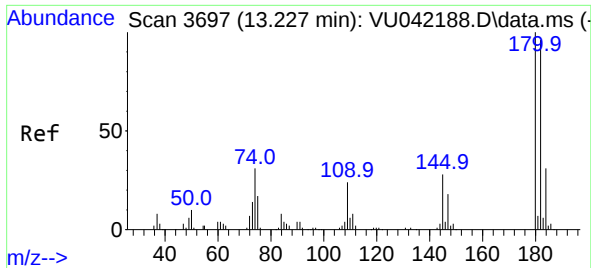
Tgt Ion:146 Resp: 83459
Ion Ratio Lower Upper
146 100
111 41.1 31.9 47.9
148 64.2 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.91 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion: 75 Resp: 7193
Ion Ratio Lower Upper
75 100
155 89.1 67.8 101.8
157 111.6 82.4 123.6



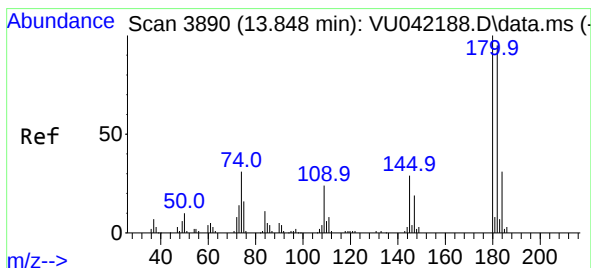
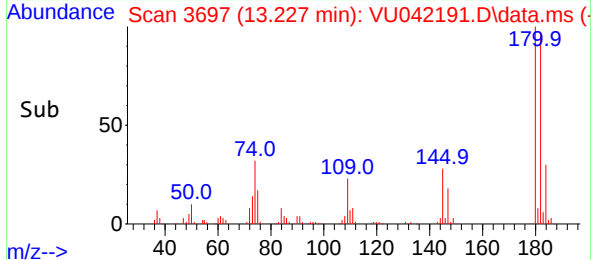
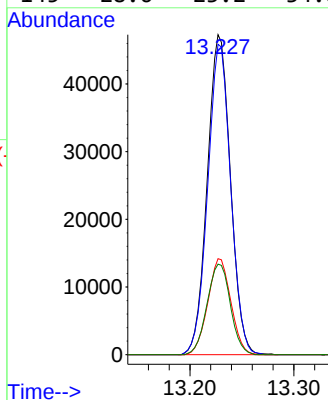
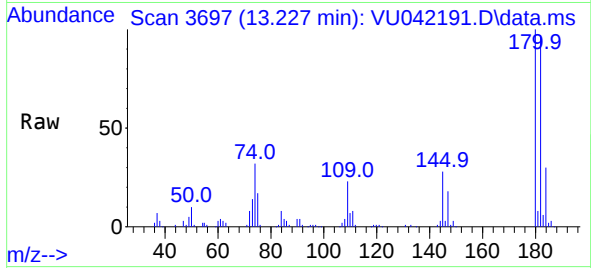


#69
1,3,5-Trichlorobenzene
Concen: 5.12 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:180 Resp: 73120

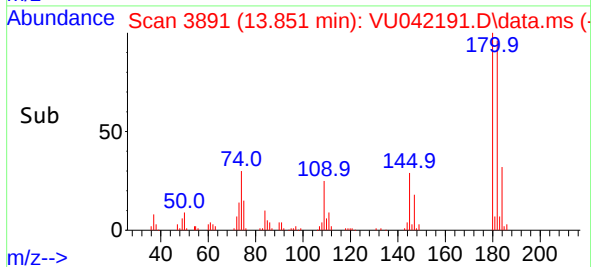
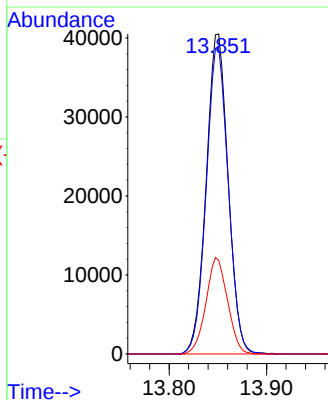
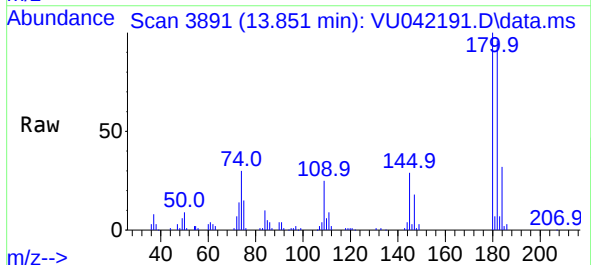
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
184	29.8	24.0	36.0
145	28.6	23.2	34.8

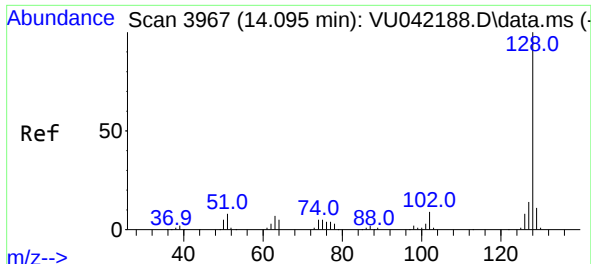


#70
1,2,4-trichlorobenzene
Concen: 5.39 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:180 Resp: 63358

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.5	114.7
145	29.6	24.1	36.1



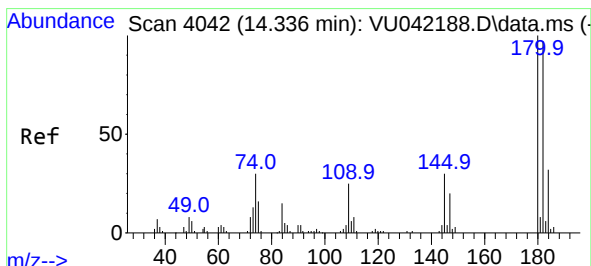
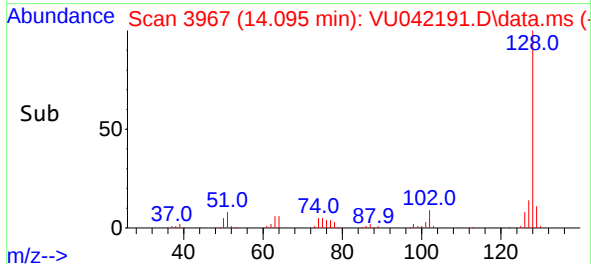
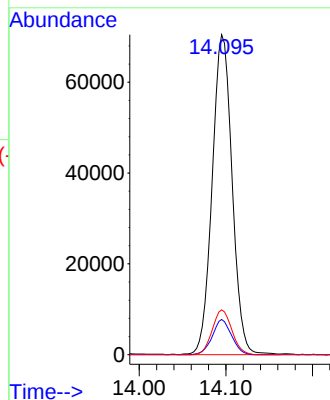
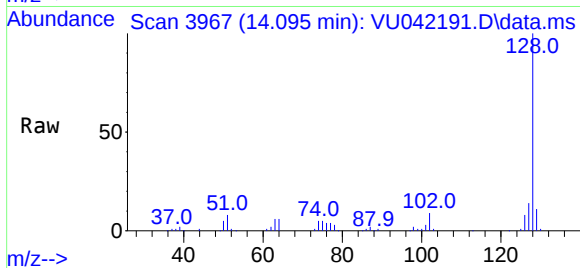


#71
Naphthalene
Concen: 5.64 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 112724

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.8	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.43 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU042191.D
Acq: 25 Jan 2021 12:00

Tgt Ion:180 Resp: 57806

Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.8	113.8
145	31.1	25.0	37.4

