

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043445.D
 Acq On : 29 Apr 2021 23:41
 Operator : SY/MD
 Sample : M2197-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARH8MS

Quant Time: Apr 30 08:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87462	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	88427	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46234	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20234	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.916	69	20479	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.572	65	12839	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.639	46	109415	56.09	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	5.073	84	62248	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.710	65	36099	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	105527	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.700	67	36698	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.906	98	95913	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloroprop...	8.189	79	13211	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	68049	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30550	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	35207	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	31580	5.63	ug/L	97
3) Chloromethane	1.523	50	30148	5.46	ug/L	97
5) Vinyl chloride	1.607	62	29318	5.10	ug/L	99
6) Bromomethane	1.861	94	15080	4.40	ug/L	97
8) Chloroethane	1.938	64	19587	4.73	ug/L	99
9) Trichlorofluoromethane	2.141	101	49457	4.62	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28625	4.95	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30472	6.27	ug/L	79
13) Acetone	2.649	43	75634	52.77	ug/L	# 63
14) Carbon disulfide	2.800	76	61124	4.93	ug/L	99
15) Methyl Acetate	2.961	43	14256	5.29	ug/L	# 84
16) Methylene chloride	3.054	84	30471	4.84	ug/L	80
17) Methyl tert-butyl Ether	3.372	73	70841	4.46	ug/L	# 90
18) trans-1,2-Dichloroethene	3.359	96	25572	4.93	ug/L	86
19) 1,1-Dichloroethane	3.880	63	62773	5.56	ug/L	97
21) 2-Butanone	4.719	43	119909	50.69	ug/L	83
22) cis-1,2-Dichloroethene	4.678	96	37297	6.08	ug/L	82
23) Bromochloromethane	4.983	128	14150	5.05	ug/L	# 73
25) Chloroform	5.099	83	73741	6.13	ug/L	99

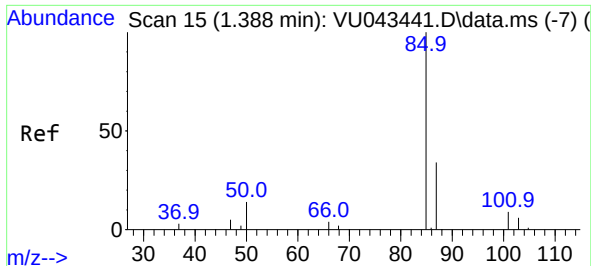
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
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Quant Time: Apr 30 08:35:32 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43865	4.97	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	51315	4.70	ug/L #	91
30) Cyclohexane	5.398	56	41316	4.42	ug/L	85
31) Carbon tetrachloride	5.533	117	47655	5.24	ug/L	99
33) Benzene	5.784	78	120435	5.09	ug/L	100
34) Trichloroethene	6.552	95	277316	42.58	ug/L	93
35) Methylcyclohexane	6.771	83	39994	4.44	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	35193	5.29	ug/L #	97
38) Bromodichloromethane	7.115	83	45750	5.12	ug/L #	97
39) cis-1,3-Dichloropropene	7.616	75	45202	4.65	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	295192	49.57	ug/L #	83
42) Toluene	7.976	91	127297	4.82	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	40773	4.45	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	23982	4.82	ug/L	95
47) Tetrachloroethene	8.558	164	56497	10.94	ug/L	95
48) 2-Hexanone	8.693	43	227351	51.88	ug/L #	81
49) Dibromochloromethane	8.819	129	28745	4.58	ug/L	97
50) 1,2-Dibromoethane	8.931	107	21709	4.39	ug/L	96
51) Chlorobenzene	9.452	112	77393	4.59	ug/L	91
52) Ethylbenzene	9.578	91	130987	4.33	ug/L	97
53) m,p-Xylene	9.700	106	48100	4.35	ug/L	86
54) o-Xylene	10.108	106	47155	4.30	ug/L	92
55) Styrene	10.121	104	70053	3.73	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	31498	4.82	ug/L	99
59) Bromoform	10.298	173	16311	4.32	ug/L #	98
60) Isopropylbenzene	10.491	105	128202	4.32	ug/L #	96
61) 1,2,3-Trichloropropane	10.828	75	23282	4.87	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	99451	4.10	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	103063	4.13	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	62882	4.47	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	63458	4.44	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	61463	4.49	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	5370	4.62	ug/L	87
69) 1,3,5-Trichlorobenzene	13.227	180	47254	4.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	37580	3.93	ug/L	97
71) Naphthalene	14.092	128	69007	4.28	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	37592	4.29	ug/L	99

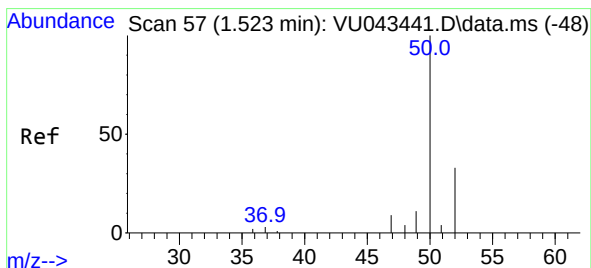
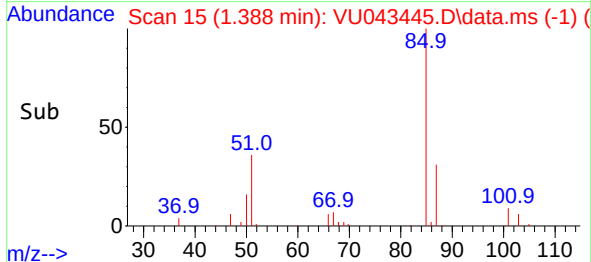
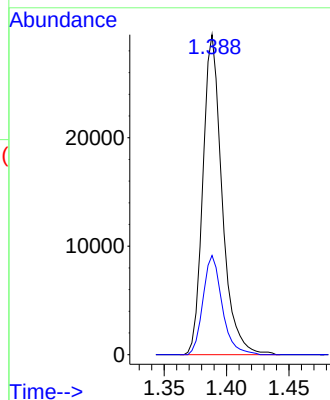
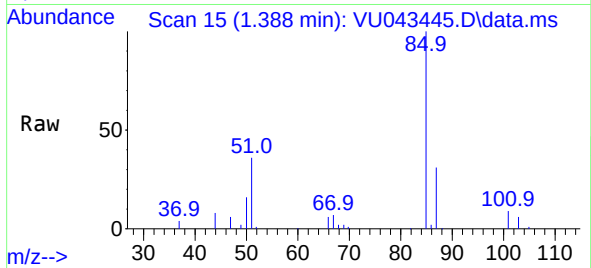
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.63 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

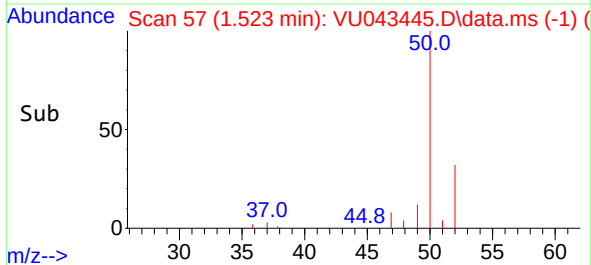
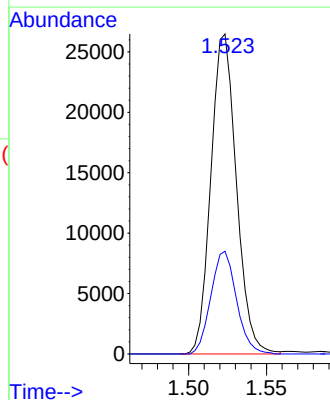
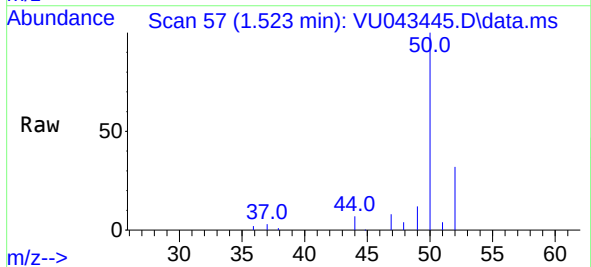
Tgt Ion: 85 Resp: 31580
Ion Ratio Lower Upper
85 100
87 31.0 26.3 39.5

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

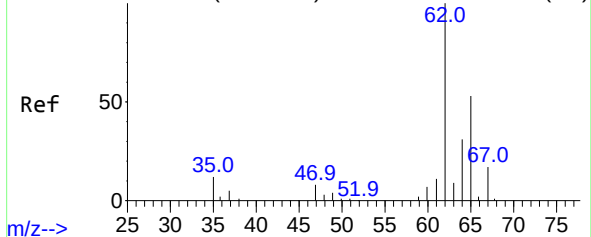


#3
Chloromethane
Concen: 5.46 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 50 Resp: 30148
Ion Ratio Lower Upper
50 100
52 32.1 23.6 43.8



Abundance Scan 83 (1.607 min): VU043441.D\data.ms (-74)



#5

Vinyl chloride

Concen: 5.10 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU043445.D

Acq: 29 Apr 2021 23:41

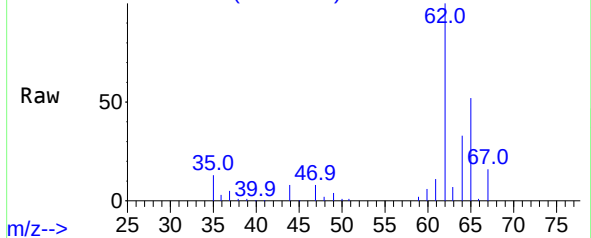
Tgt Ion: 62 Resp: 29318

Ion Ratio Lower Upper

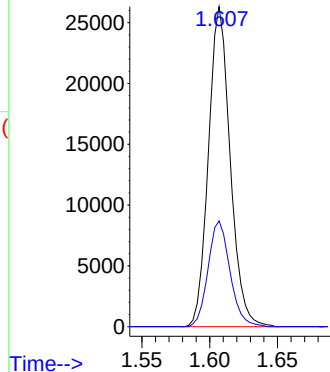
62 100

64 33.1 22.8 42.4

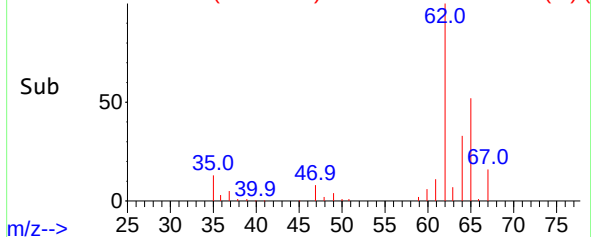
Abundance Scan 83 (1.607 min): VU043445.D\data.ms



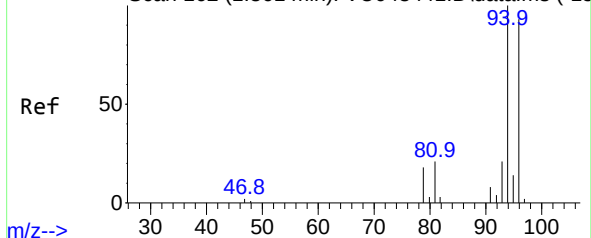
Abundance



Abundance Scan 83 (1.607 min): VU043445.D\data.ms (-1)



Abundance Scan 162 (1.861 min): VU043441.D\data.ms (-15)



#6

Bromomethane

Concen: 4.40 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU043445.D

Acq: 29 Apr 2021 23:41

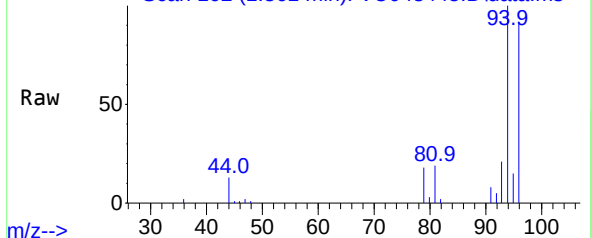
Tgt Ion: 94 Resp: 15080

Ion Ratio Lower Upper

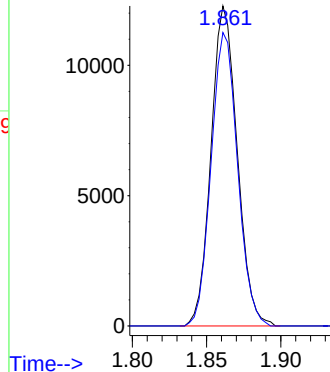
94 100

96 91.7 66.1 122.7

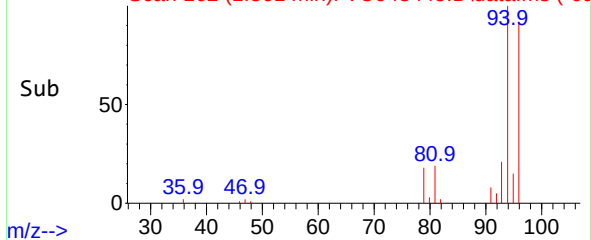
Abundance Scan 162 (1.861 min): VU043445.D\data.ms

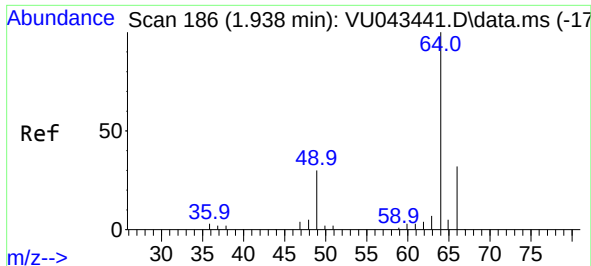


Abundance



Abundance Scan 162 (1.861 min): VU043445.D\data.ms (-69)

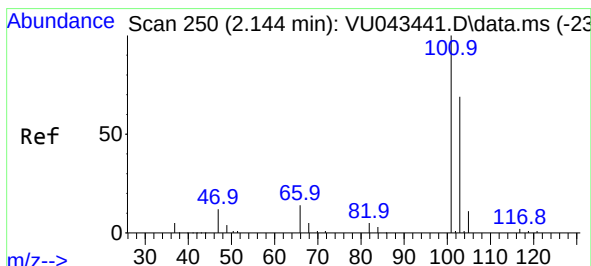
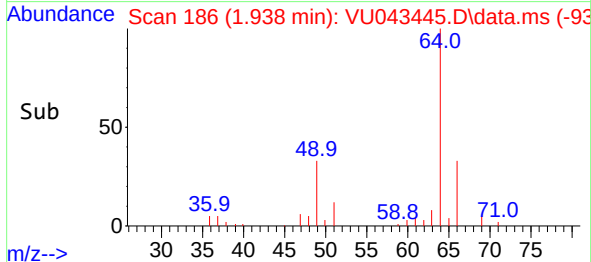
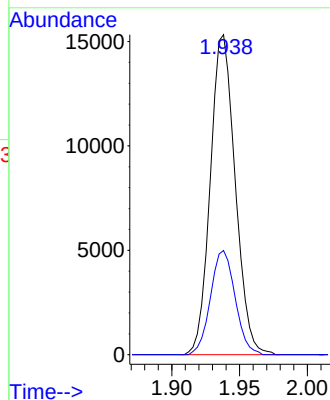
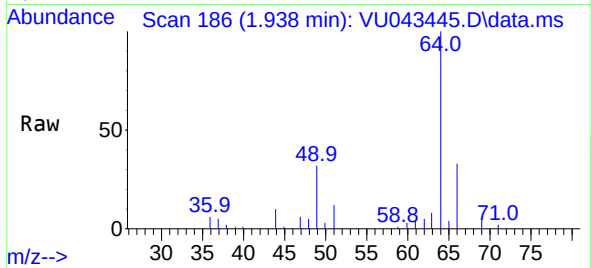




#8
Chloroethane
Concen: 4.73 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

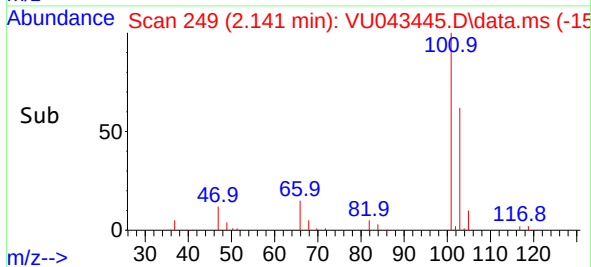
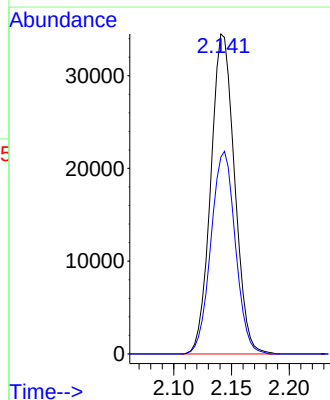
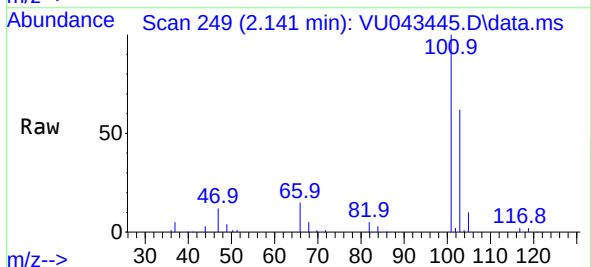
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

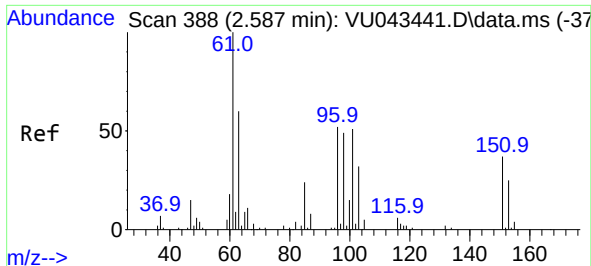
Tgt Ion: 64 Resp: 19587
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.62 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:101 Resp: 49457
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

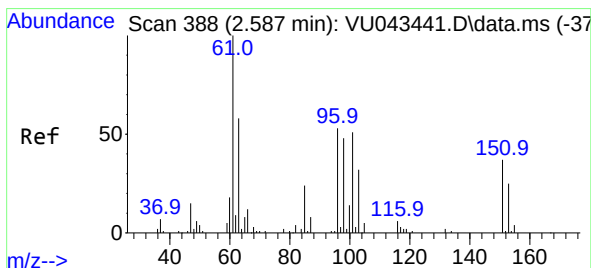
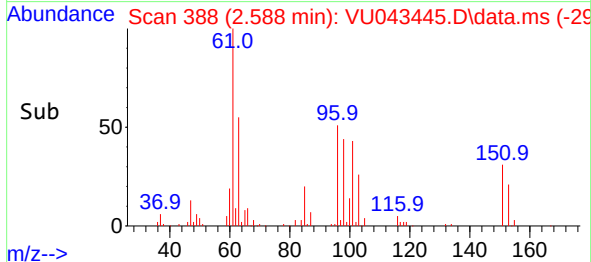
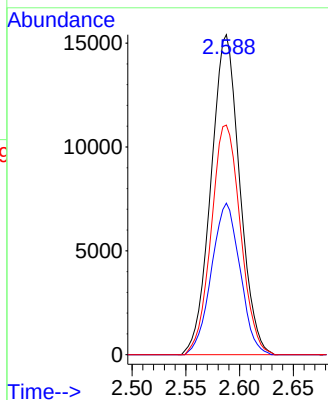
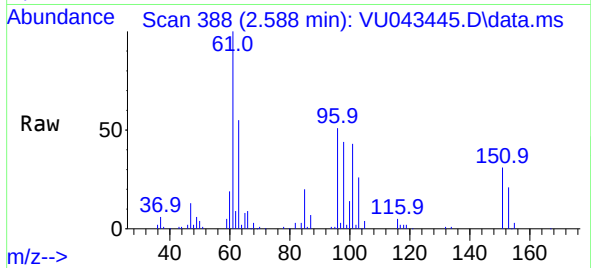




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.95 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

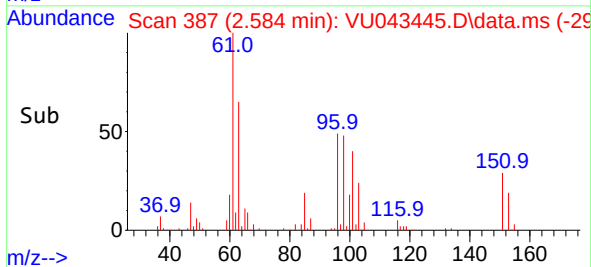
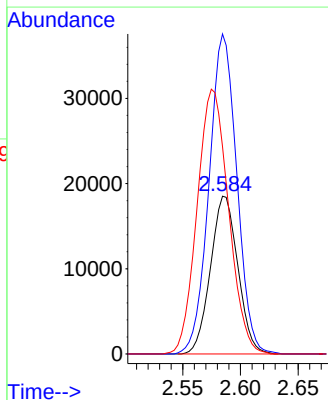
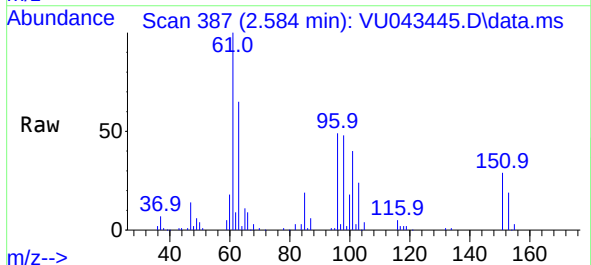
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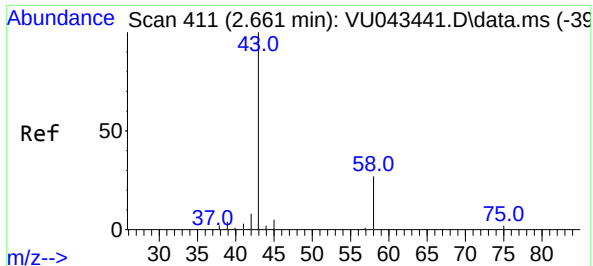
Tgt Ion:101 Resp: 28625
Ion Ratio Lower Upper
101 100
85 47.2 34.5 51.7
151 73.1 57.4 86.2



#12
1,1-Dichloroethene
Concen: 6.27 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 96 Resp: 30472
Ion Ratio Lower Upper
96 100
61 202.9 115.1 213.7
63 131.4 84.1 156.1

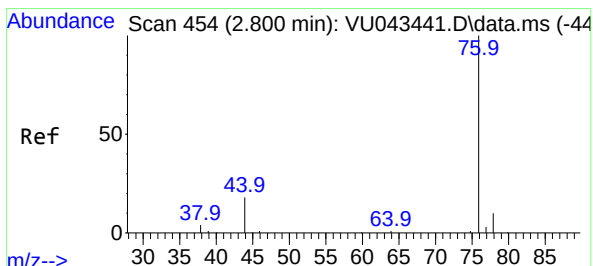
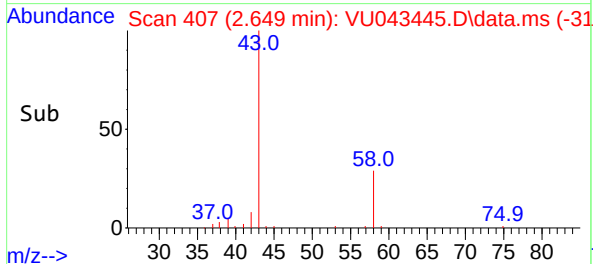
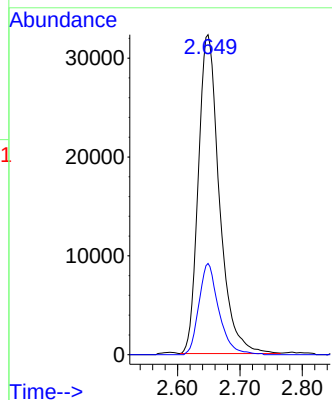
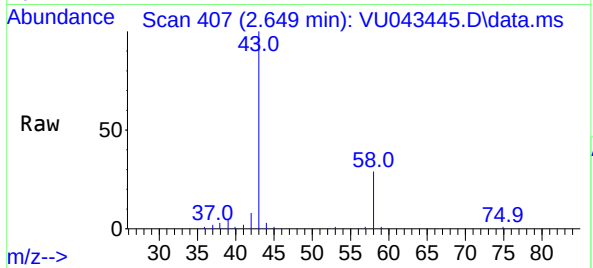




#13
Acetone
Concen: 52.77 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.013 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

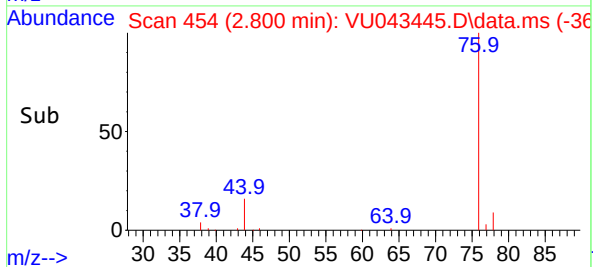
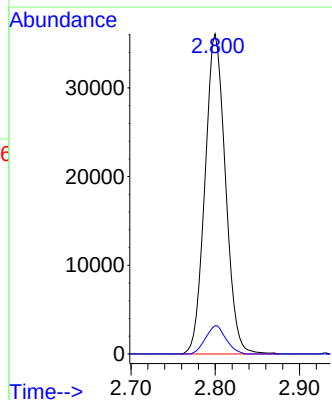
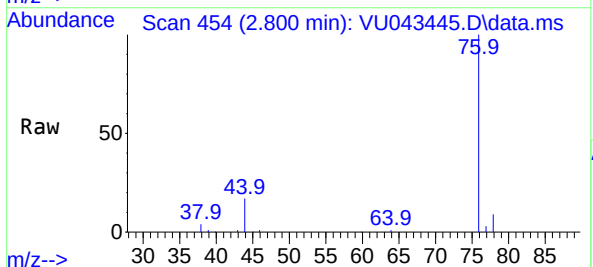
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

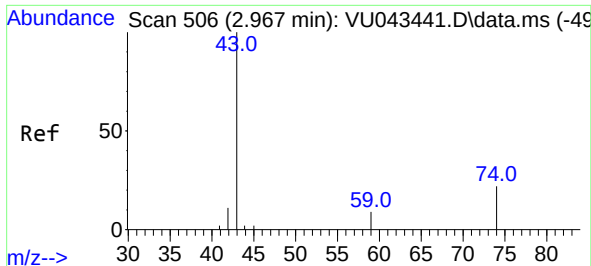
Tgt Ion: 43 Resp: 75634
Ion Ratio Lower Upper
43 100
58 27.1 0.0 25.0#



#14
Carbon disulfide
Concen: 4.93 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 76 Resp: 61124
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

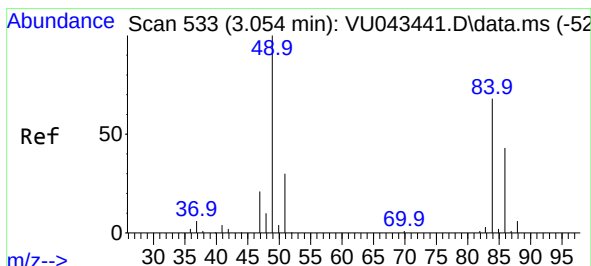
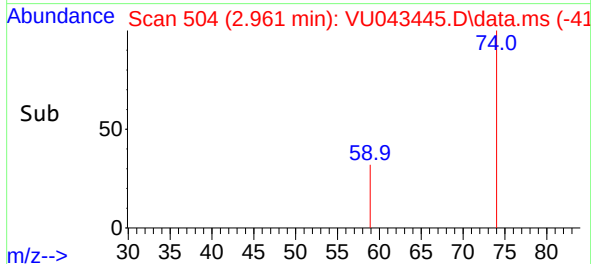
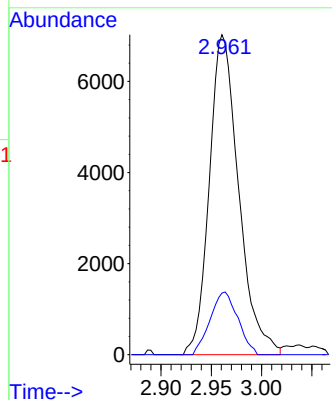
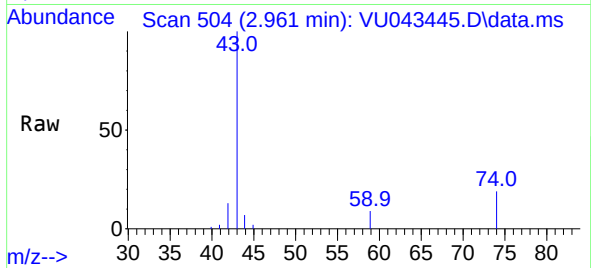




#15
Methyl Acetate
Concen: 5.29 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

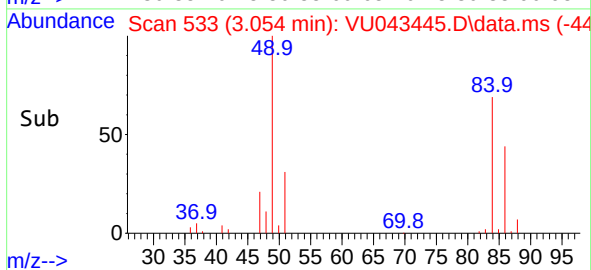
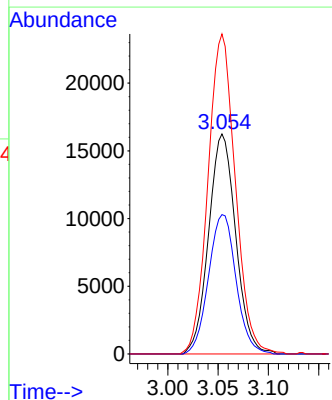
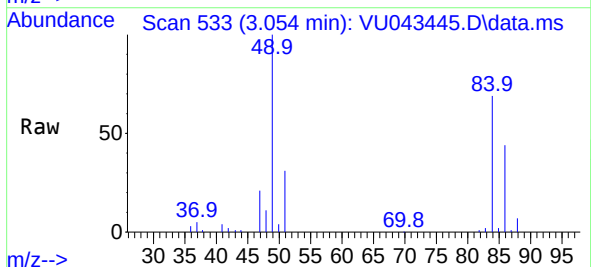
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

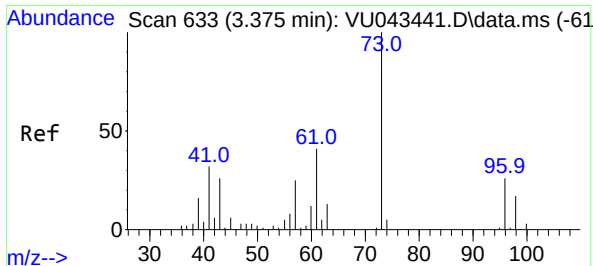
Tgt Ion: 43 Resp: 14256
Ion Ratio Lower Upper
43 100
74 18.5 21.5 32.3#



#16
Methylene chloride
Concen: 4.84 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 84 Resp: 30471
Ion Ratio Lower Upper
84 100
86 63.4 44.9 83.5
49 145.5 79.0 146.8



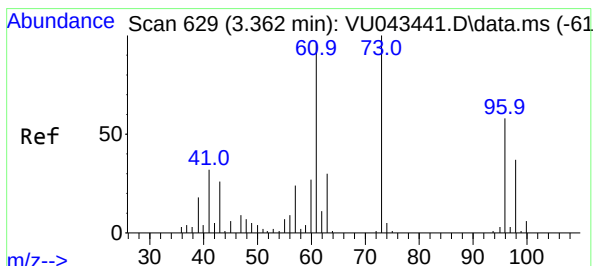
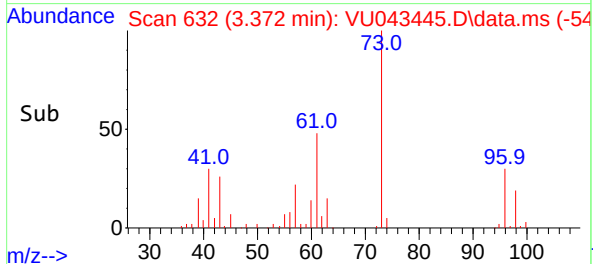
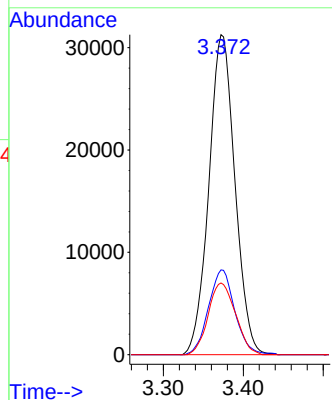
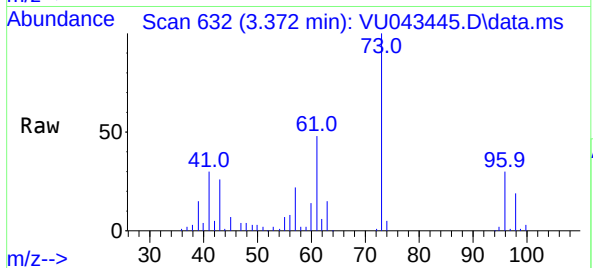


#17

Methyl tert-butyl Ether
Concen: 4.46 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

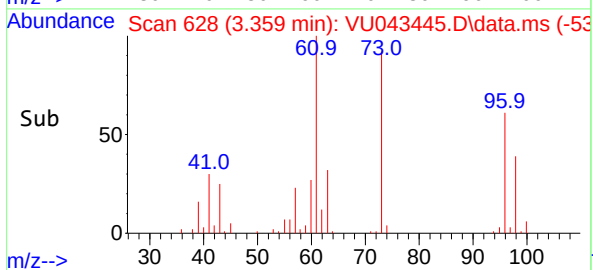
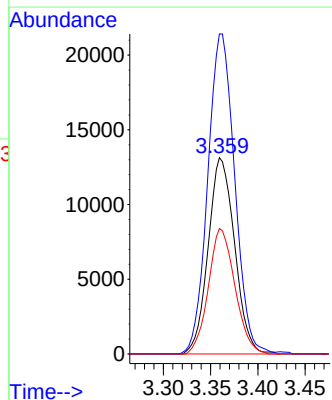
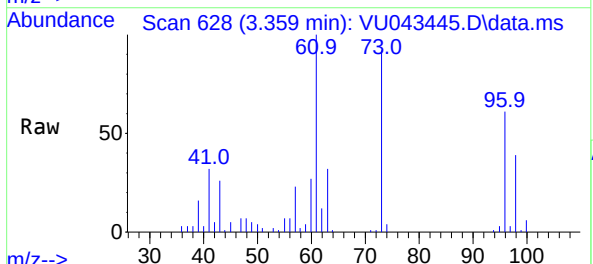
Tgt Ion: 73 Resp: 70841
Ion Ratio Lower Upper
73 100
43 26.7 15.0 22.4#
57 23.5 17.3 25.9

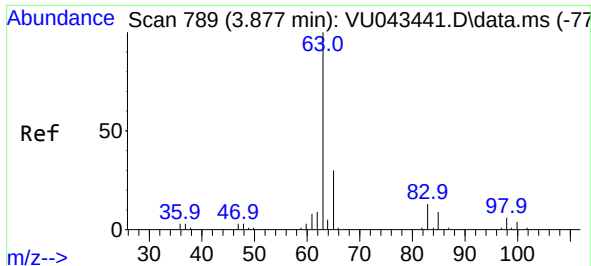


#18

trans-1,2-Dichloroethene
Concen: 4.93 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

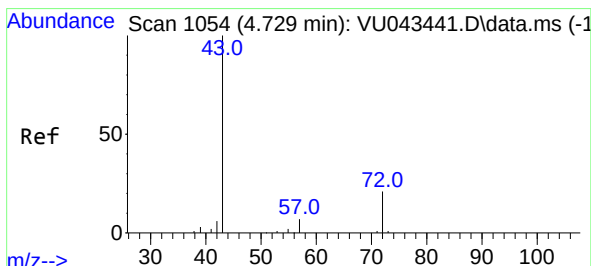
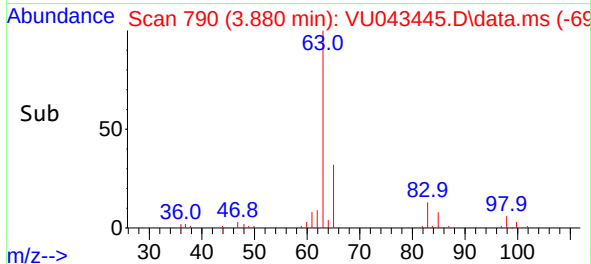
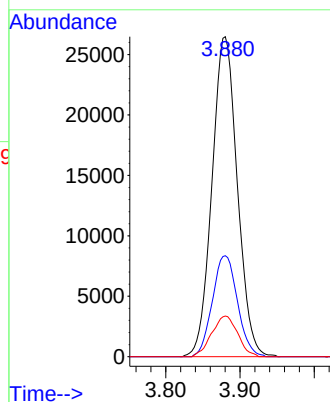
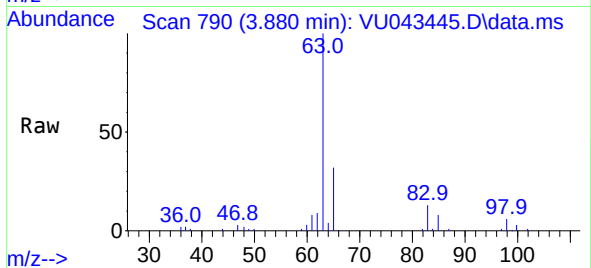
Tgt Ion: 96 Resp: 25572
Ion Ratio Lower Upper
96 100
61 163.0 96.6 179.4
98 63.9 44.7 82.9





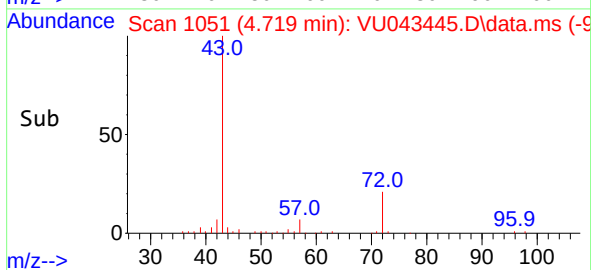
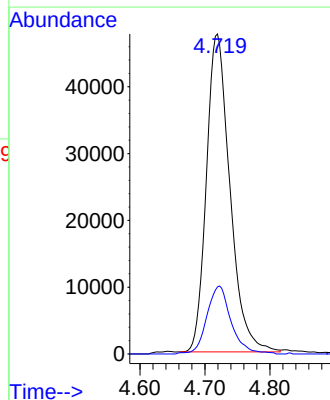
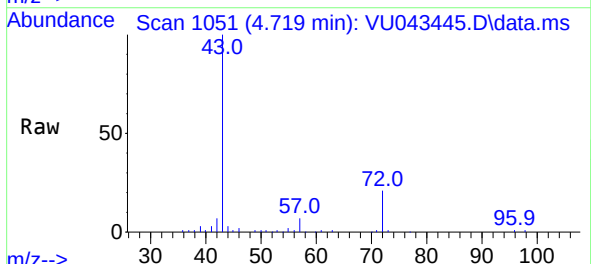
#19
1,1-Dichloroethane
Concen: 5.56 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

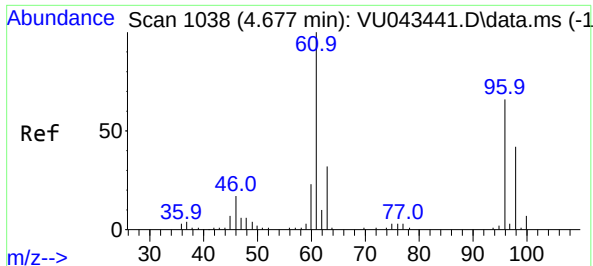
Tgt Ion:	63	Resp:	62773
Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.2	43.0
83	12.7	9.9	18.3



#21
2-Butanone
Concen: 50.69 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.010 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:	43	Resp:	119909
Ion	Ratio	Lower	Upper
43	100		
72	22.0	15.8	47.3



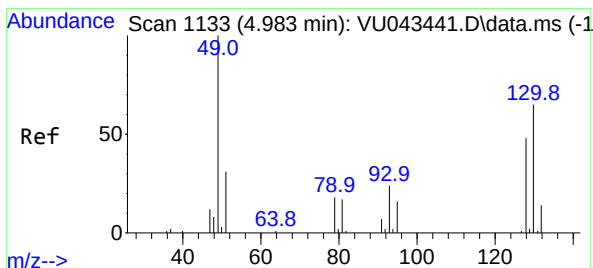
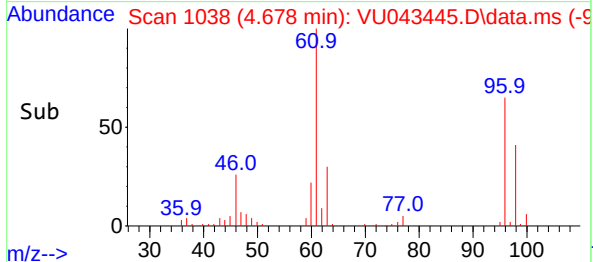
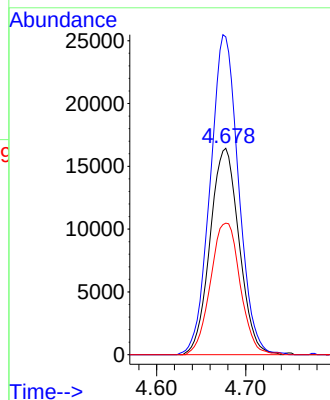
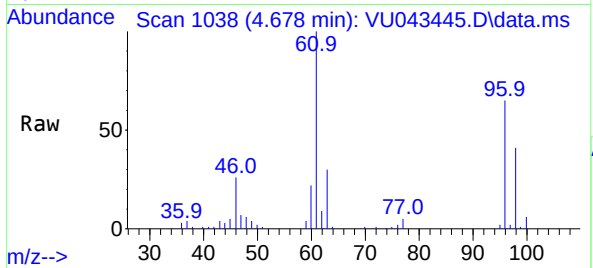


#22
cis-1,2-Dichloroethene
Concen: 6.08 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

Tgt Ion: 96 Resp: 37297

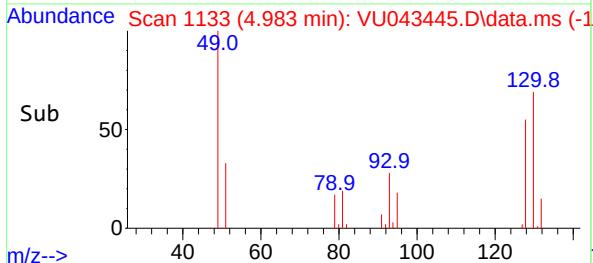
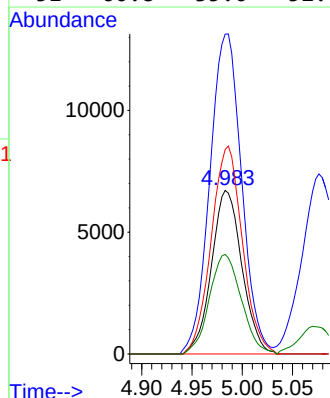
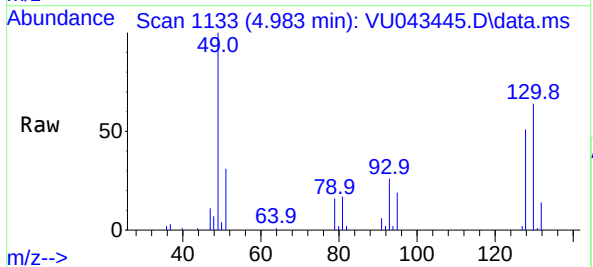
Ion	Ratio	Lower	Upper
96	100		
61	154.0	87.4	162.4
98	63.7	47.7	88.5

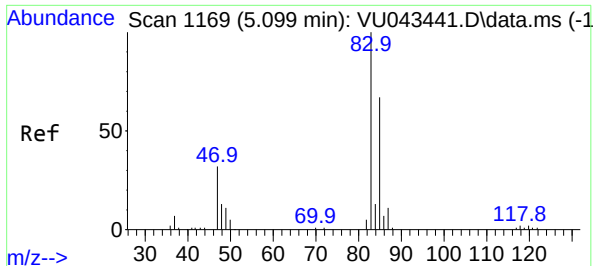


#23
Bromochloromethane
Concen: 5.05 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 128 Resp: 14150

Ion	Ratio	Lower	Upper
128	100		
49	195.5	96.4	179.0#
130	124.9	91.2	169.4
51	60.8	35.0	52.6#



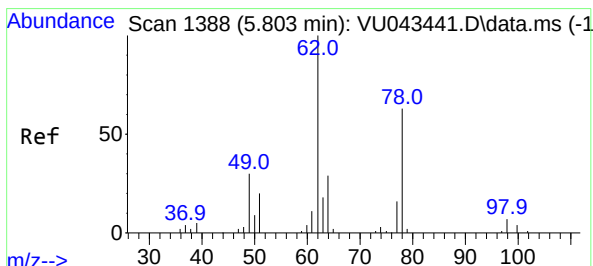
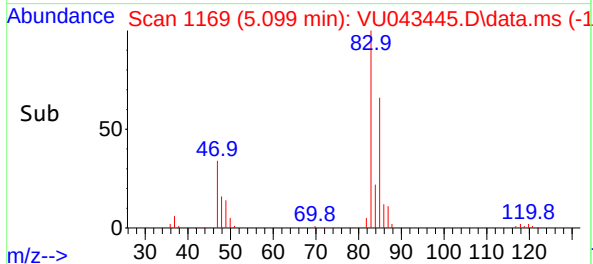
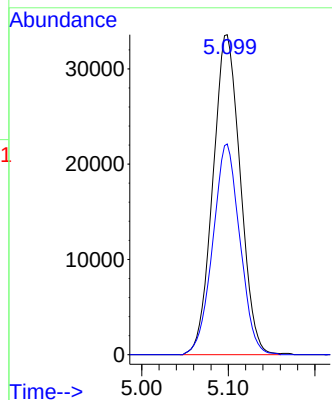
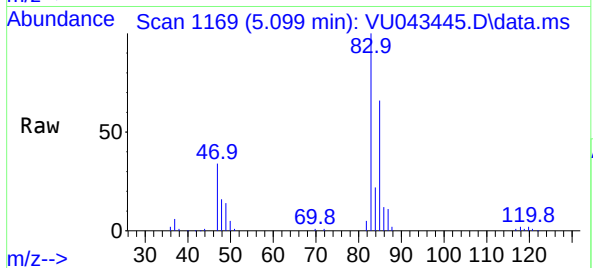


#25

Chloroform
Concen: 6.13 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

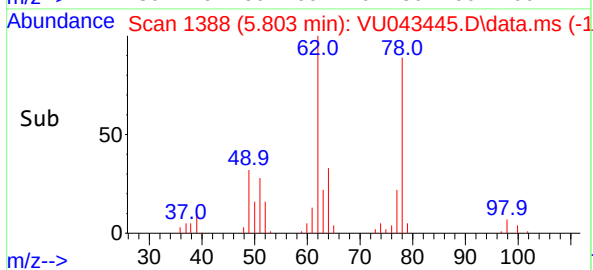
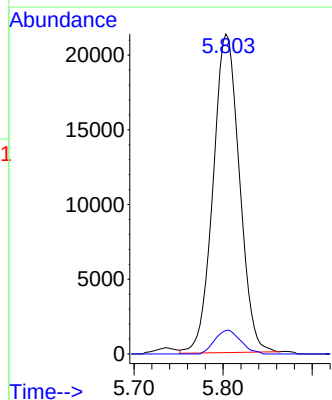
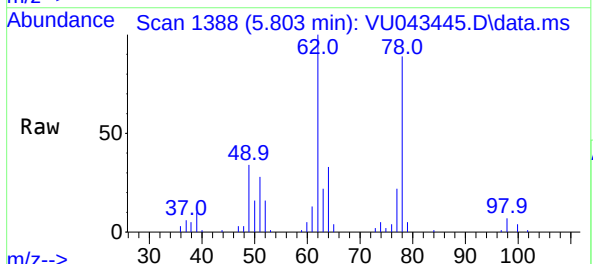
Tgt Ion: 83 Resp: 73741
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8

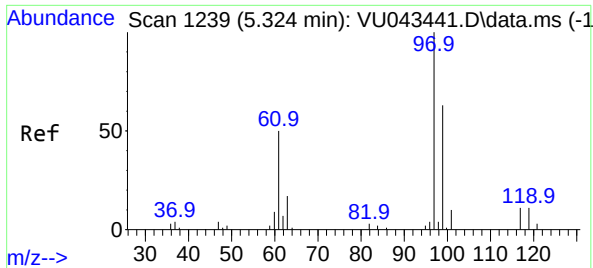


#27

1,2-Dichloroethane
Concen: 4.97 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 62 Resp: 43865
Ion Ratio Lower Upper
62 100
98 7.4 7.5 11.3#

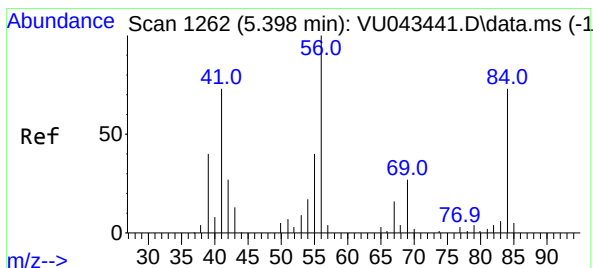
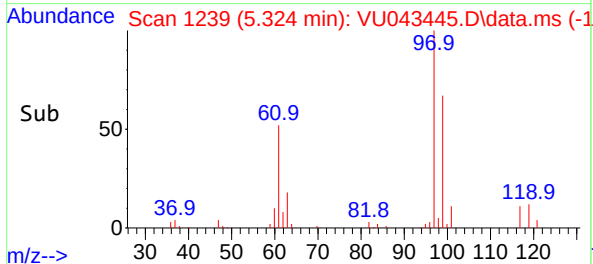
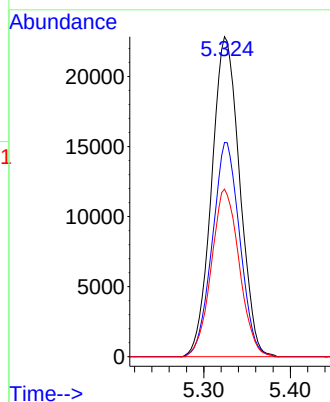
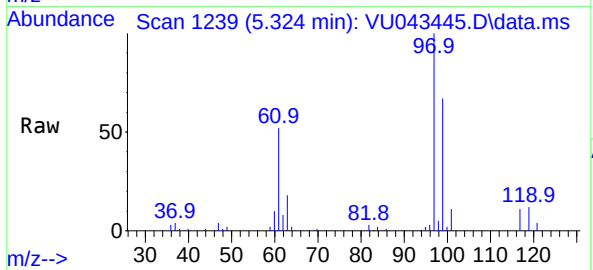




#29
1,1,1-Trichloroethane
Concen: 4.70 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

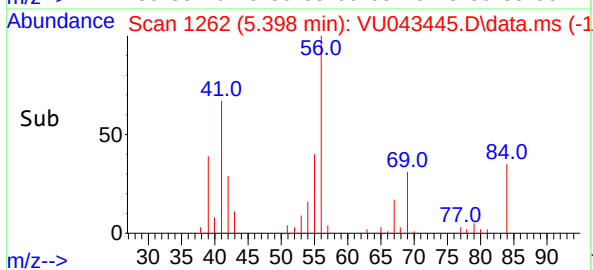
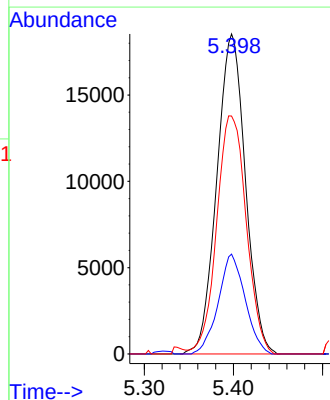
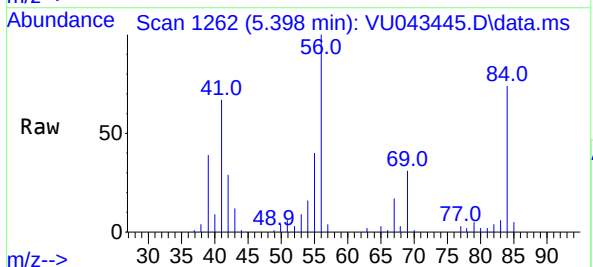
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

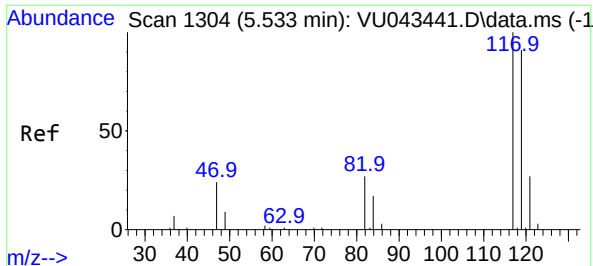
Tgt Ion:	97	Resp:	51315
Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.3	75.5
61	52.3	32.7	49.1#



#30
Cyclohexane
Concen: 4.42 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:	56	Resp:	41316
Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.2	37.8
84	77.0	76.2	114.4

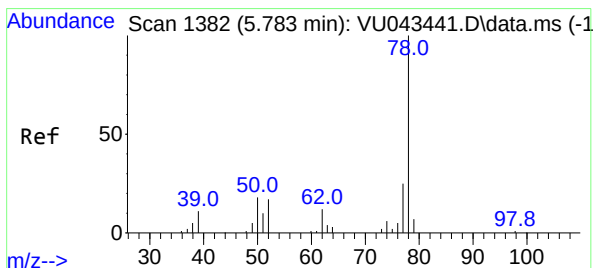
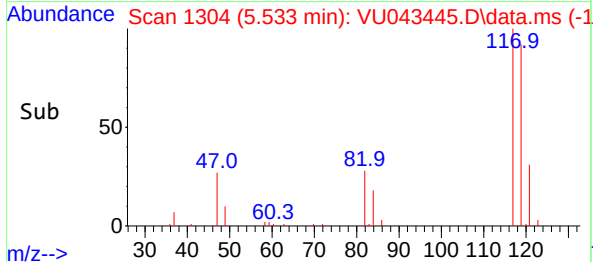
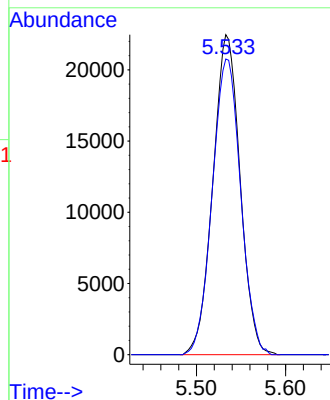
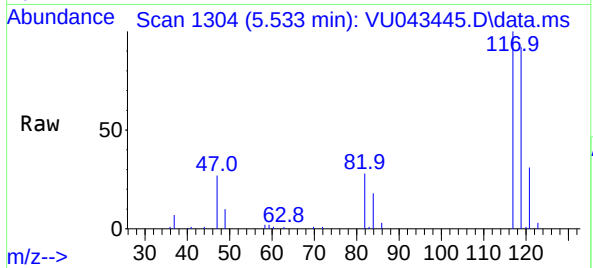




#31
Carbon tetrachloride
Concen: 5.24 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

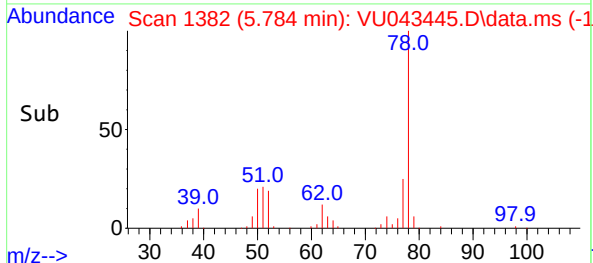
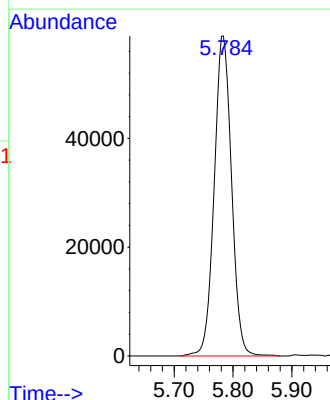
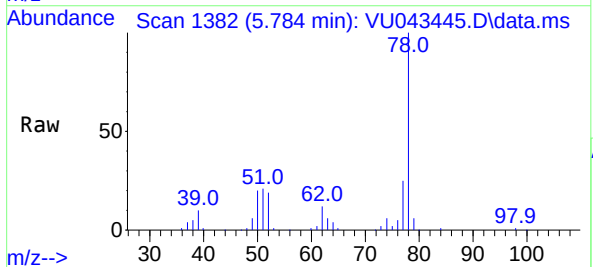
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

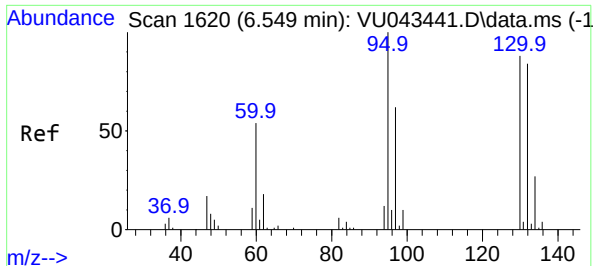
Tgt Ion:117 Resp: 47655
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4



#33
Benzene
Concen: 5.09 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 78 Resp: 120435

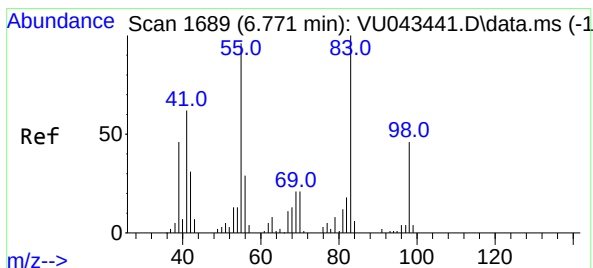
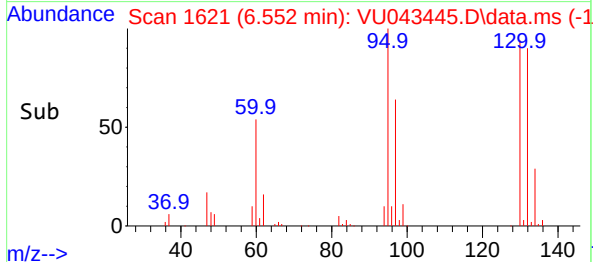
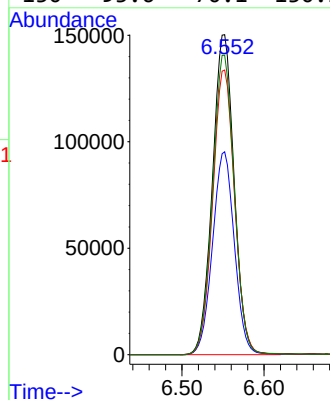
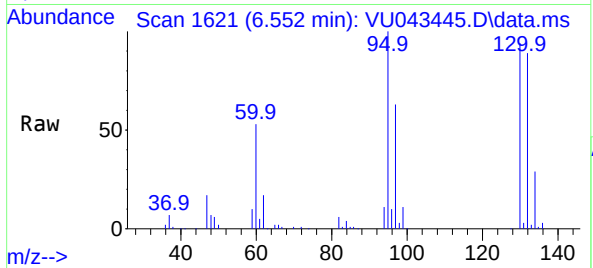




#34
Trichloroethene
Concen: 42.58 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

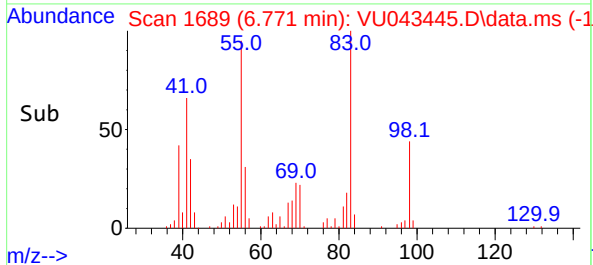
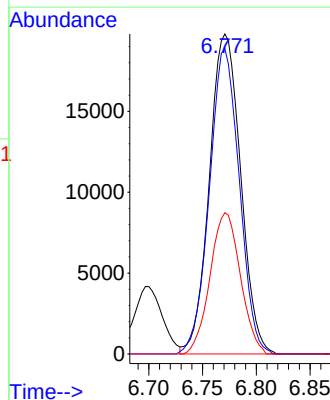
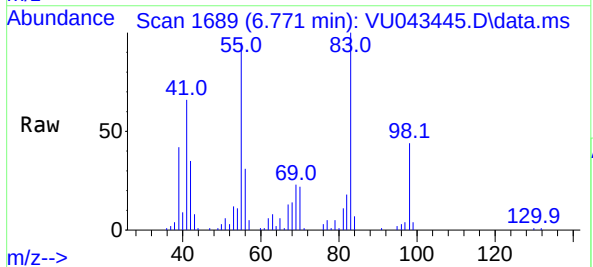
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

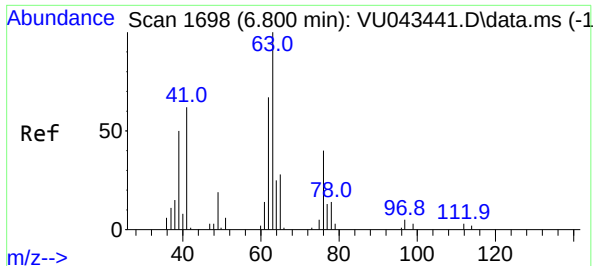
Tgt Ion: 95 Resp: 277316
Ion Ratio Lower Upper
95 100
97 63.4 45.8 85.2
132 89.0 68.7 127.7
130 93.6 70.1 130.3



#35
Methylcyclohexane
Concen: 4.44 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 83 Resp: 39994
Ion Ratio Lower Upper
83 100
55 91.2 59.5 89.3#
98 42.7 37.9 56.9

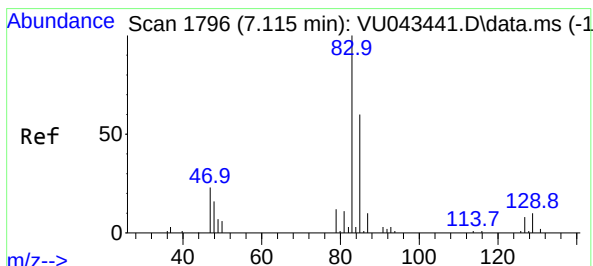
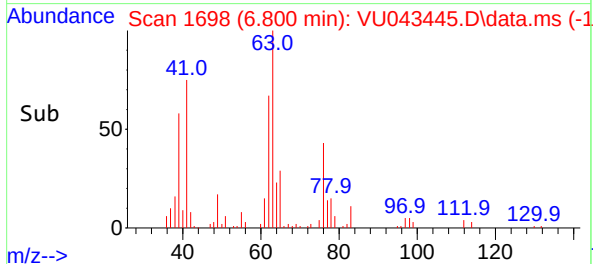
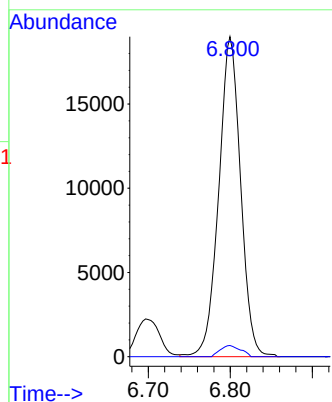
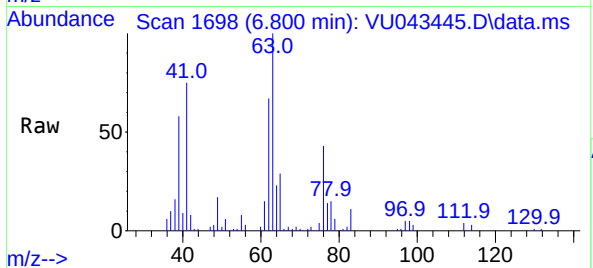




#37
1,2-Dichloropropane
Concen: 5.29 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

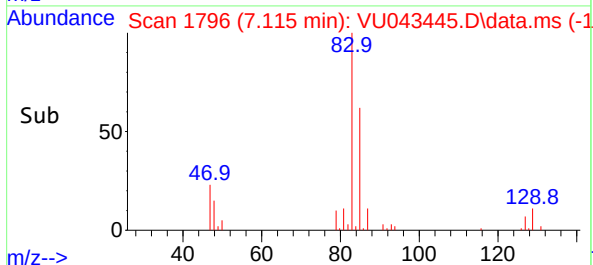
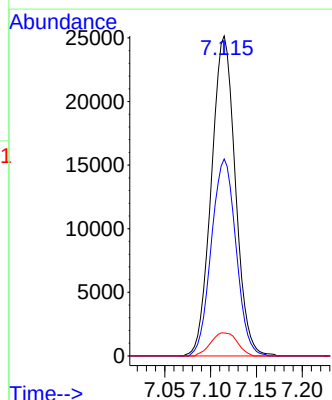
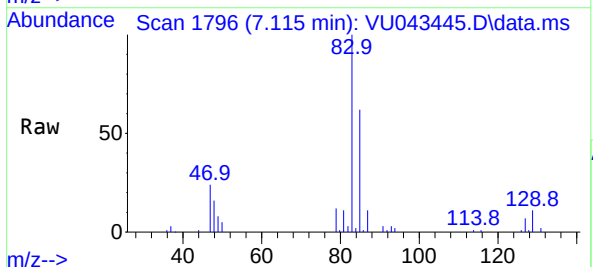
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

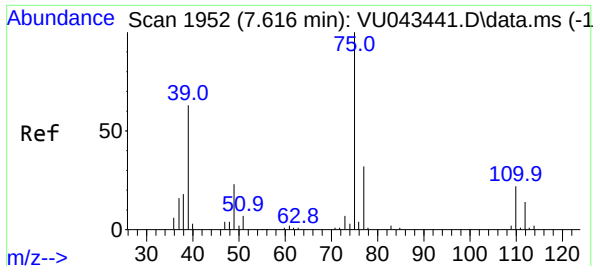
Tgt Ion: 63 Resp: 35193
Ion Ratio Lower Upper
63 100
112 3.3 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.12 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 83 Resp: 45750
Ion Ratio Lower Upper
83 100
85 61.5 44.6 82.8
127 7.2 7.4 11.2#

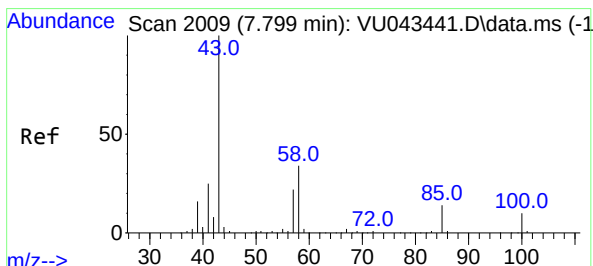
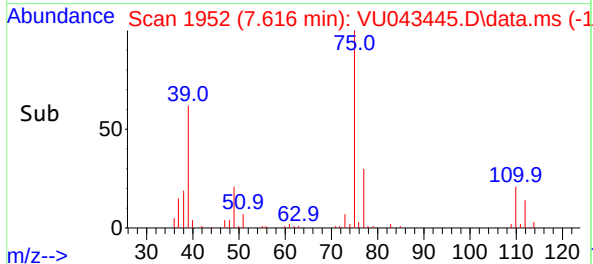
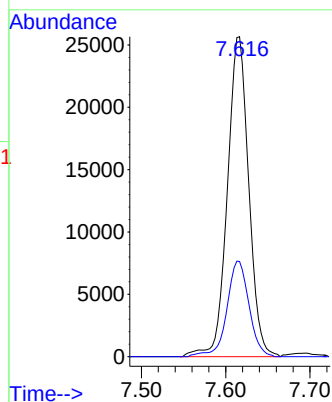
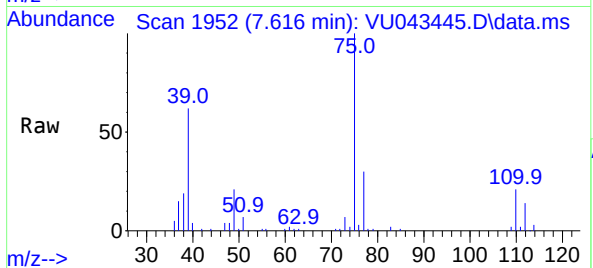




#39
 cis-1,3-Dichloropropene
 Concen: 4.65 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU043445.D
 Acq: 29 Apr 2021 23:41

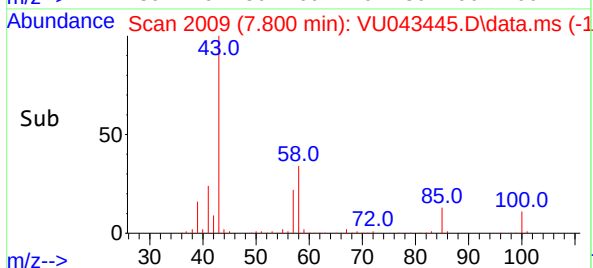
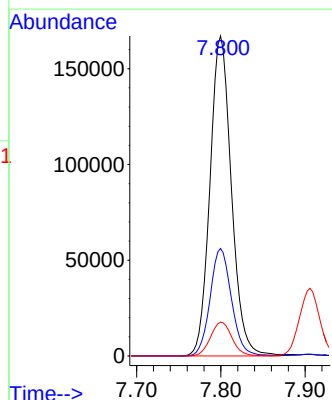
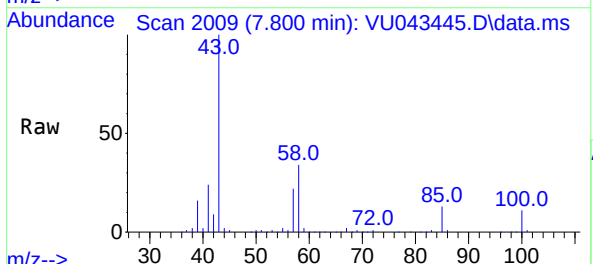
Instrument :
 MSVOA_U
 ClientSampleId :
 YARH8MS

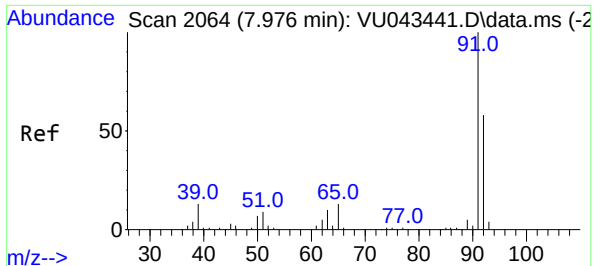
Tgt Ion: 75 Resp: 45202
 Ion Ratio Lower Upper
 75 100
 77 29.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 49.57 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU043445.D
 Acq: 29 Apr 2021 23:41

Tgt Ion: 43 Resp: 295192
 Ion Ratio Lower Upper
 43 100
 58 33.5 35.8 53.6#
 100 10.7 15.1 22.7#





#42

Toluene

Concen: 4.82 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043445.D

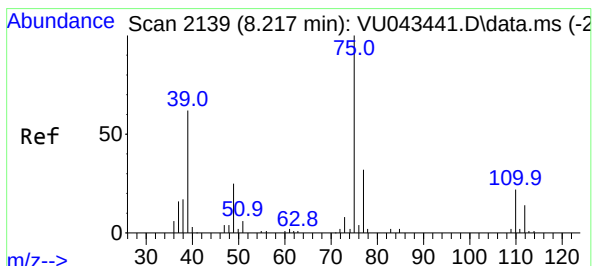
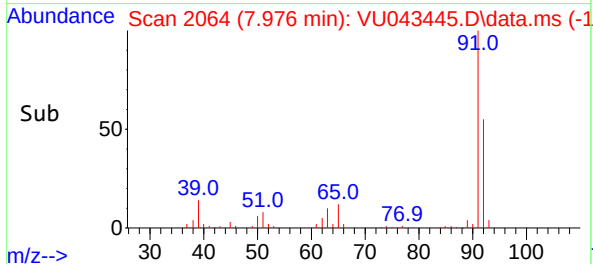
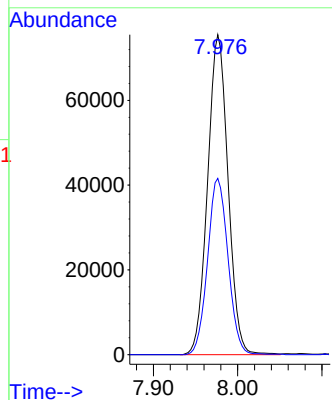
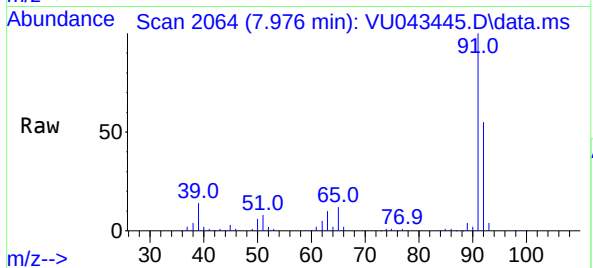
Acq: 29 Apr 2021 23:41

Tgt Ion: 91 Resp: 127297

Ion Ratio Lower Upper

91 100

92 55.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 4.45 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043445.D

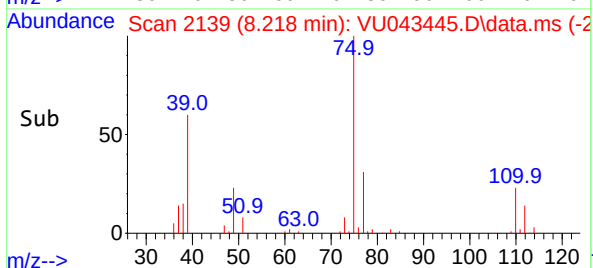
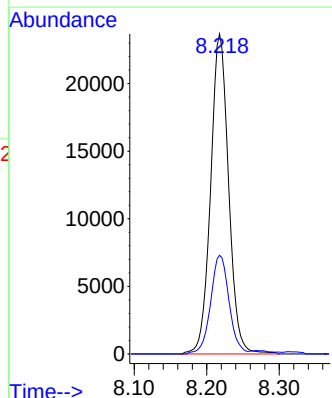
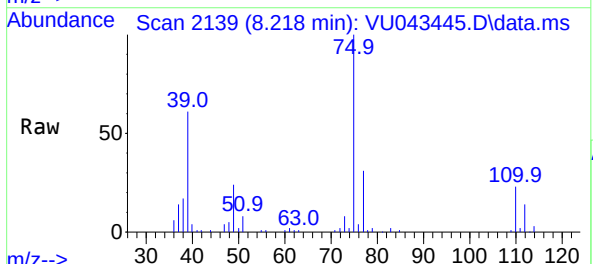
Acq: 29 Apr 2021 23:41

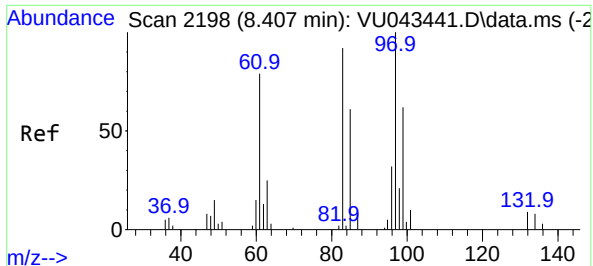
Tgt Ion: 75 Resp: 40773

Ion Ratio Lower Upper

75 100

77 30.8 23.4 43.4





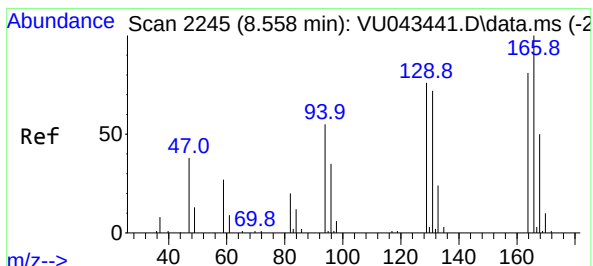
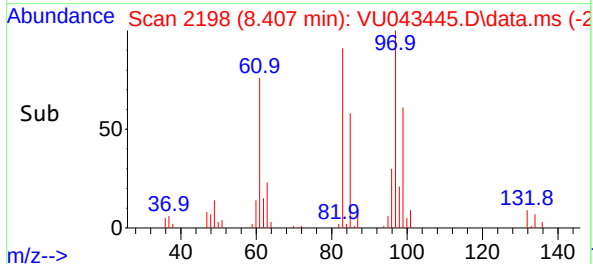
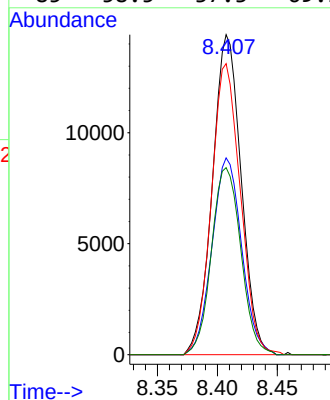
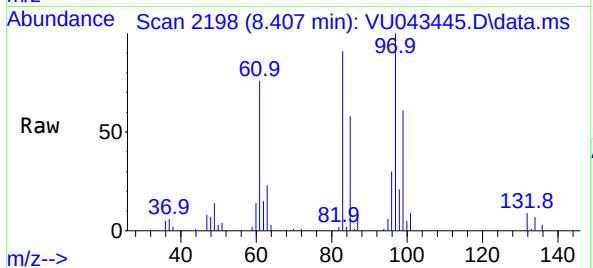
#45

1,1,2-Trichloroethane
Concen: 4.82 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

Tgt Ion: 97 Resp: 23982

Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.2	82.0
83	90.9	60.1	111.7
85	58.5	37.3	69.3

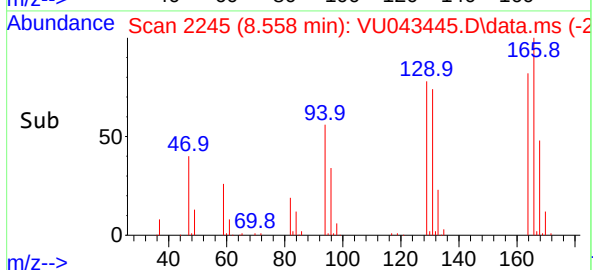
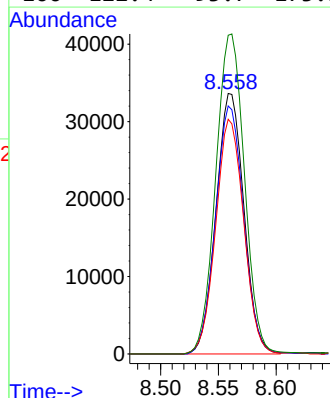
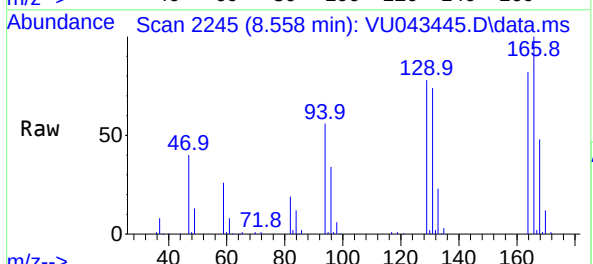


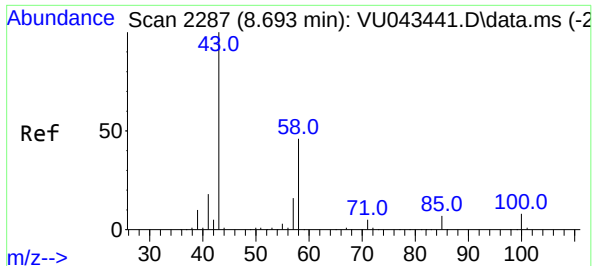
#47

Tetrachloroethene
Concen: 10.94 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 164 Resp: 56497

Ion	Ratio	Lower	Upper
164	100		
129	95.2	66.6	123.8
131	90.1	65.9	122.3
166	122.4	93.7	173.9

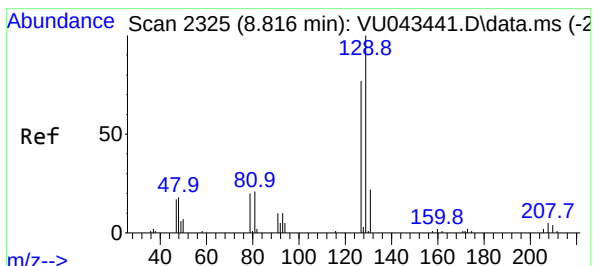
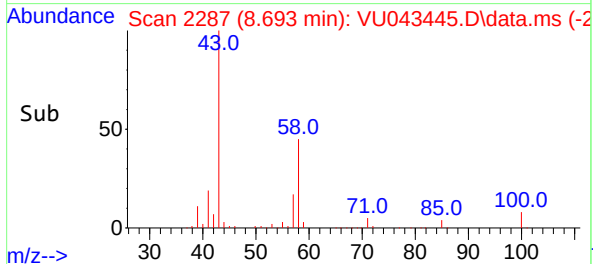
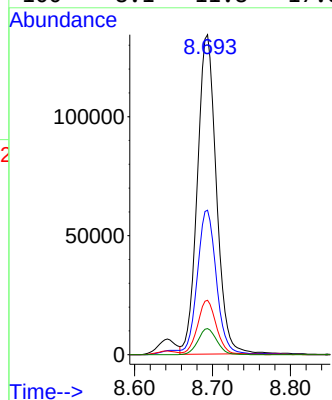
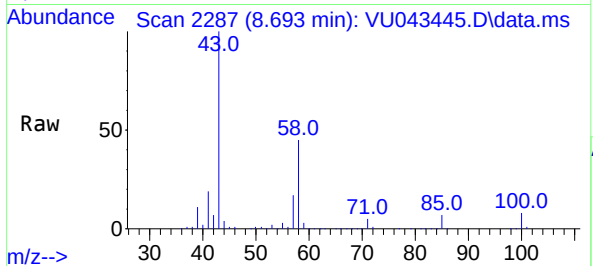




#48
2-Hexanone
Concen: 51.88 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

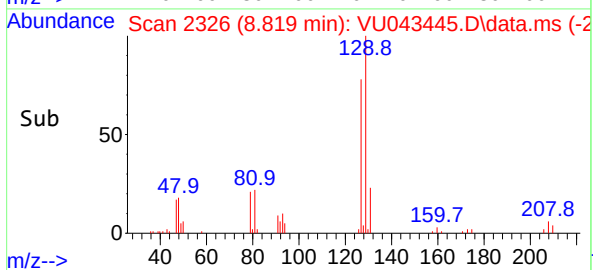
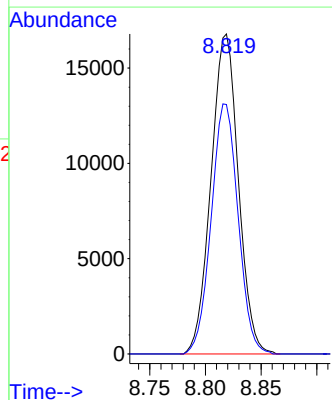
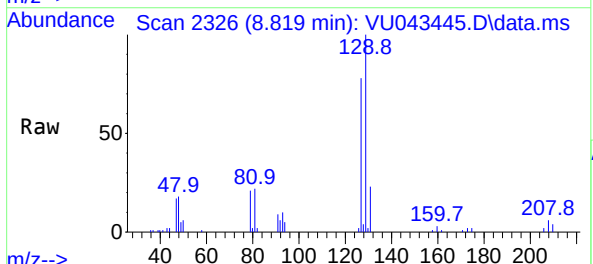
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

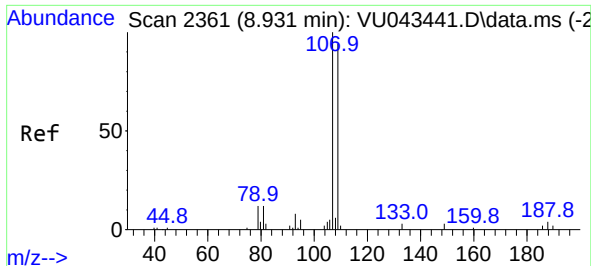
Tgt Ion: 43 Resp: 227351
Ion Ratio Lower Upper
43 100
58 45.0 50.0 75.0#
57 17.2 17.4 26.0#
100 8.1 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.58 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 129 Resp: 28745
Ion Ratio Lower Upper
129 100
127 78.0 56.6 105.2



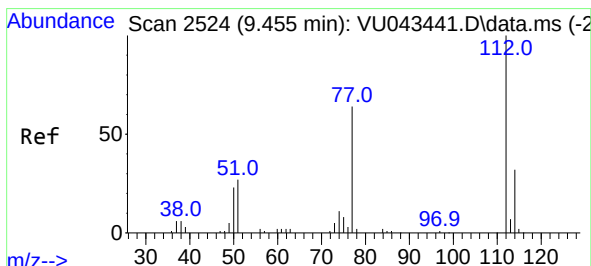
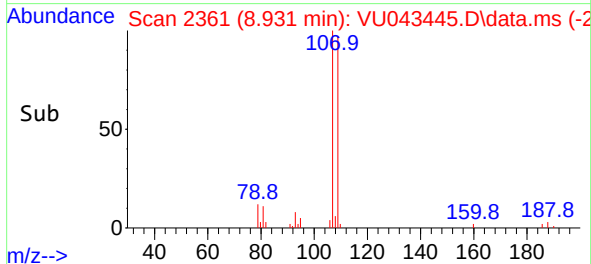
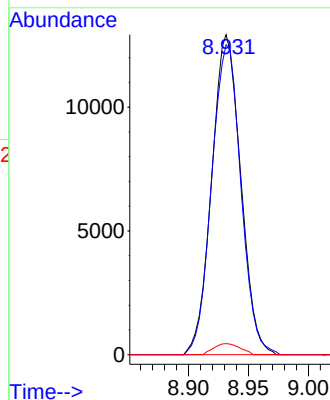
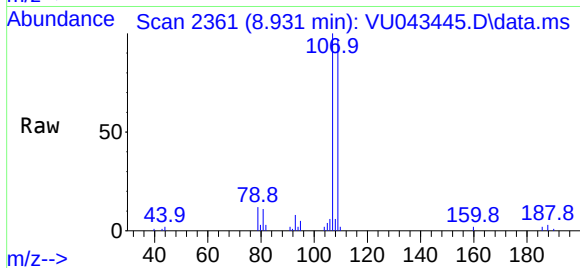


#50
1,2-Dibromoethane
Concen: 4.39 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

Tgt Ion:107 Resp: 21709

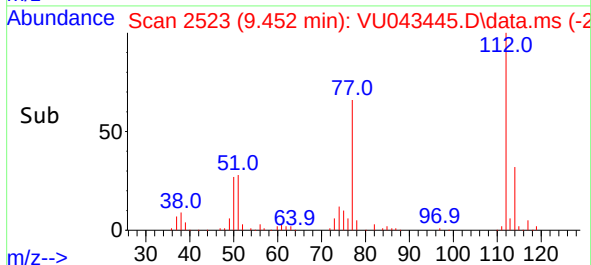
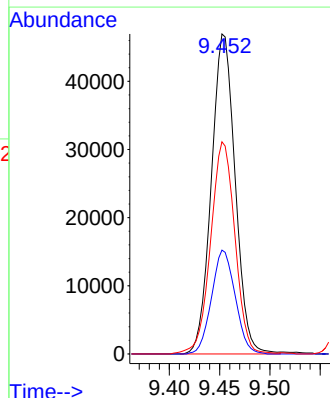
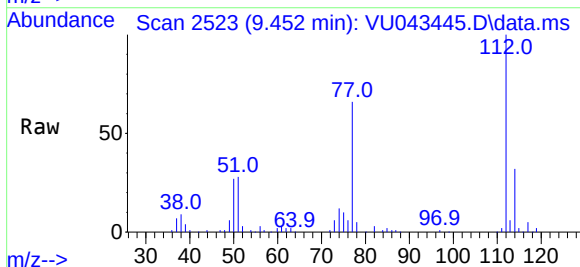
Ion	Ratio	Lower	Upper
107	100		
109	96.9	65.4	121.4
188	3.4	2.5	3.7

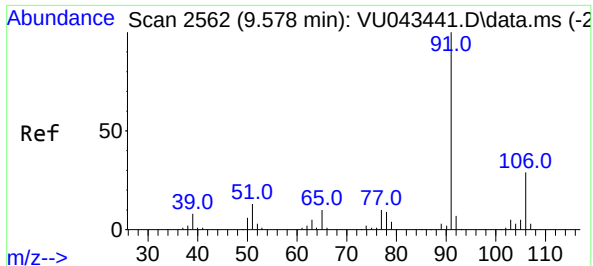


#51
Chlorobenzene
Concen: 4.59 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:112 Resp: 77393

Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.9	40.7
77	66.3	45.1	67.7

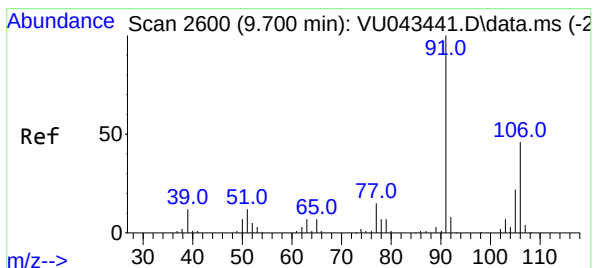
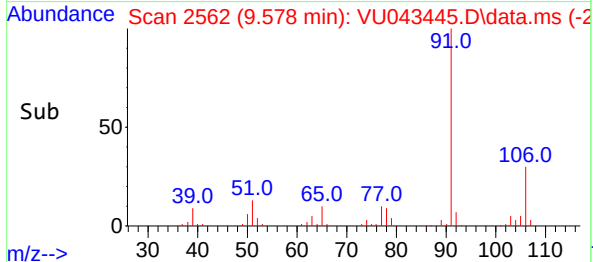
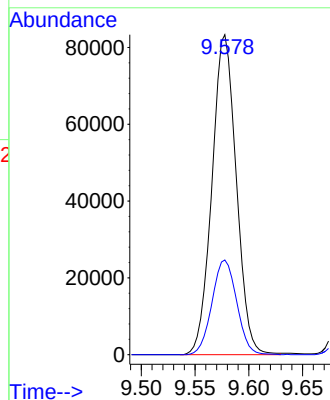
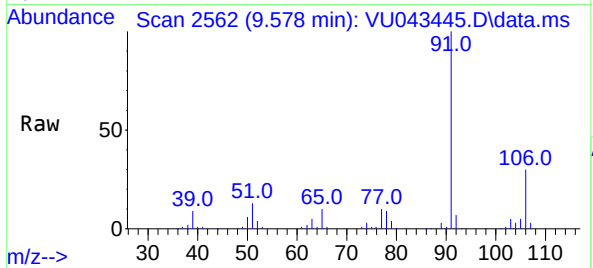




#52
Ethylbenzene
Concen: 4.33 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

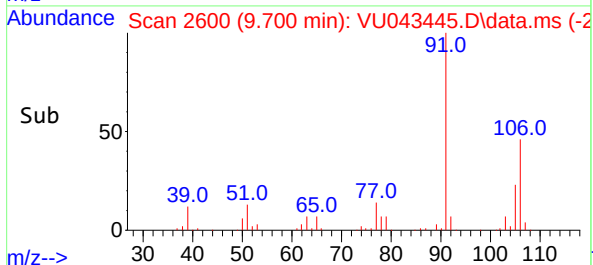
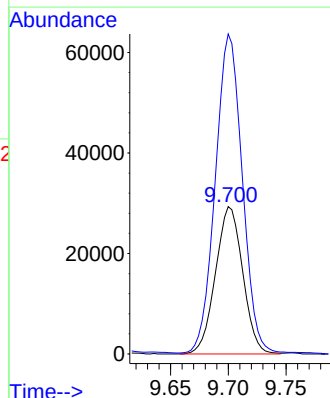
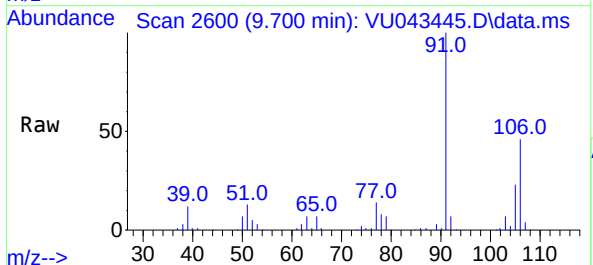
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

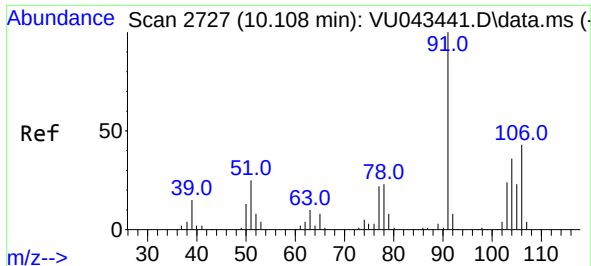
Tgt Ion: 91 Resp: 130987
Ion Ratio Lower Upper
91 100
106 29.6 22.0 40.8



#53
m,p-Xylene
Concen: 4.35 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 106 Resp: 48100
Ion Ratio Lower Upper
106 100
91 217.2 137.6 255.6

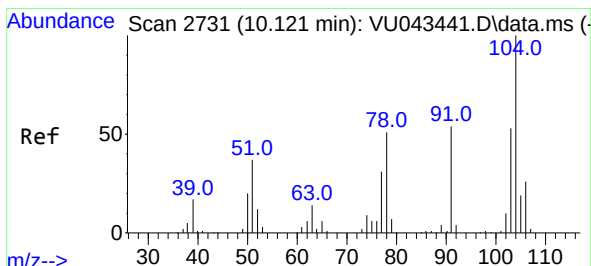
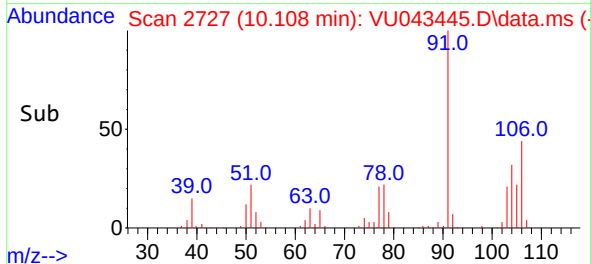
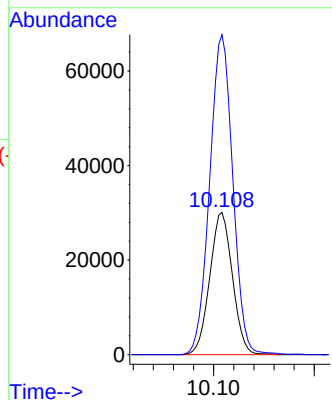
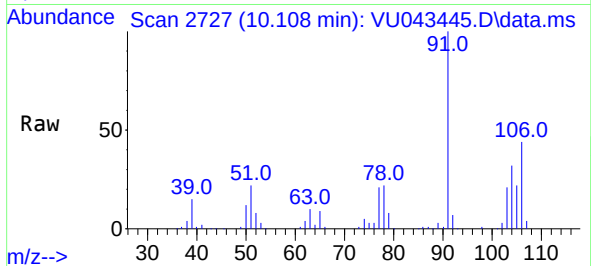




#54
o-Xylene
Concen: 4.30 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

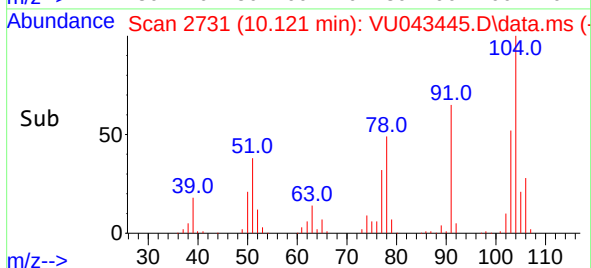
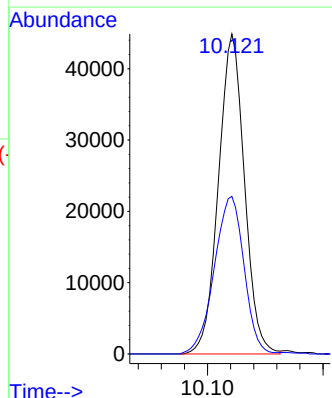
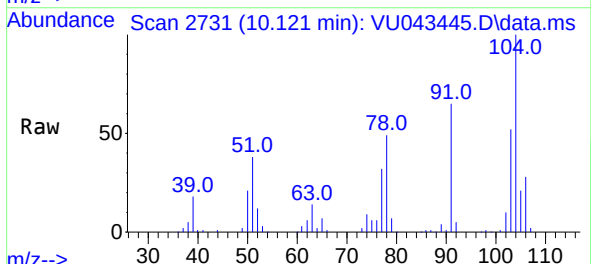
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

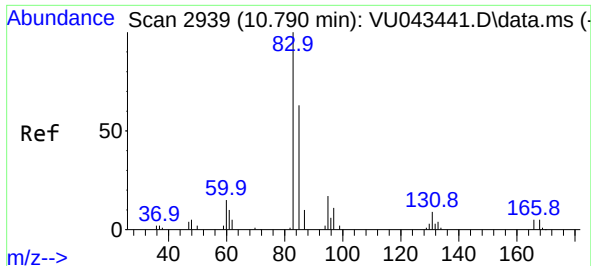
Tgt Ion:106 Resp: 47155
Ion Ratio Lower Upper
106 100
91 224.9 148.5 275.9



#55
Styrene
Concen: 3.73 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:104 Resp: 70053
Ion Ratio Lower Upper
104 100
78 49.3 32.3 60.1

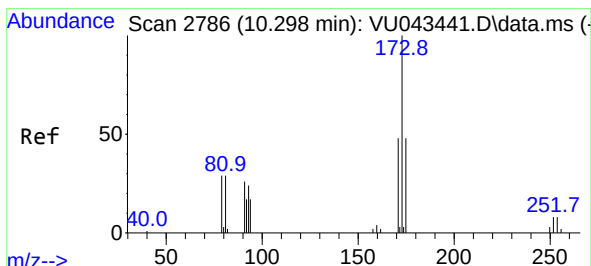
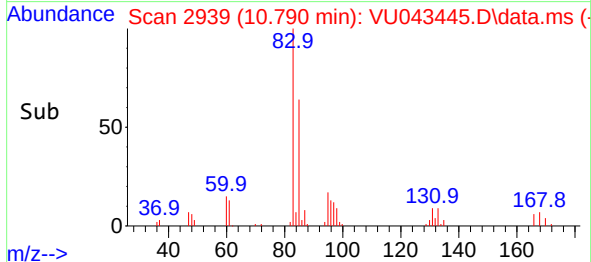
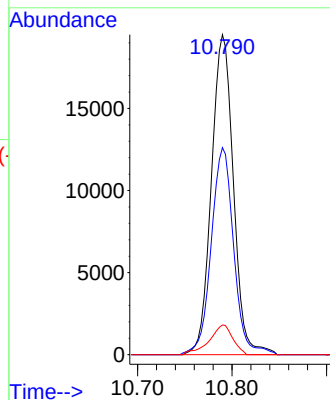
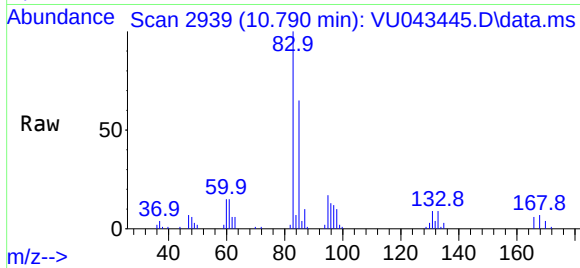




#57
1,1,2,2-Tetrachloroethane
Concen: 4.82 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

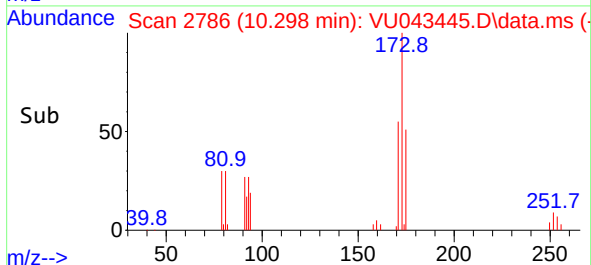
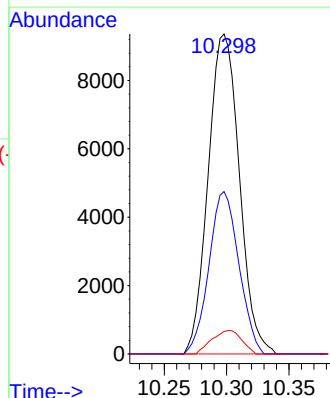
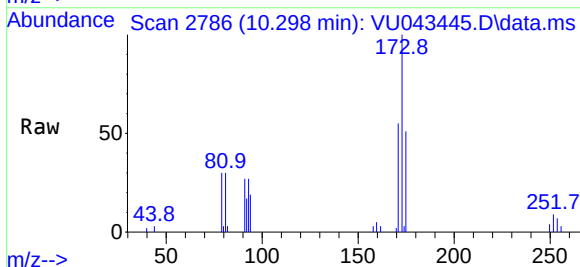
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

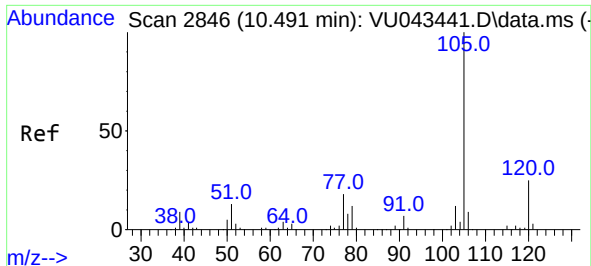
Tgt Ion:	83	Resp:	31498
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.9	83.5
131	9.3	8.2	12.4



#59
Bromoform
Concen: 4.32 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:	173	Resp:	16311
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.0
254	7.0	8.0	12.0#

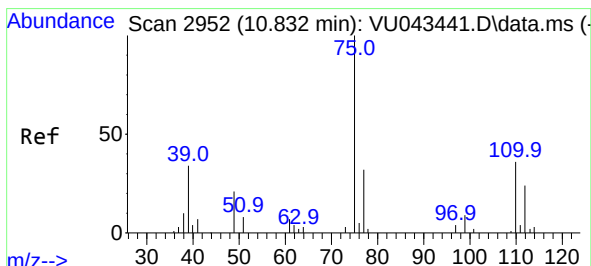
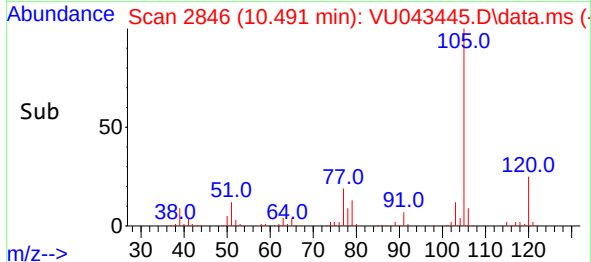
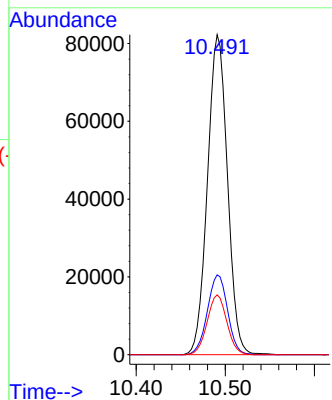
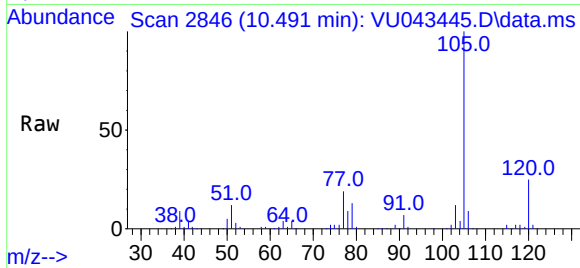




#60
Isopropylbenzene
Concen: 4.32 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

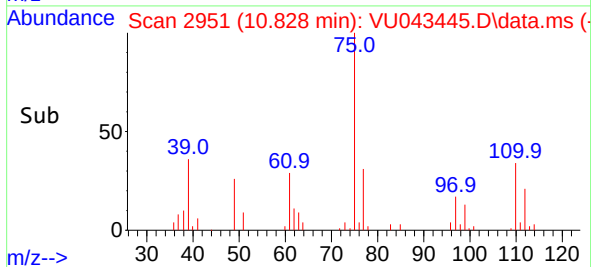
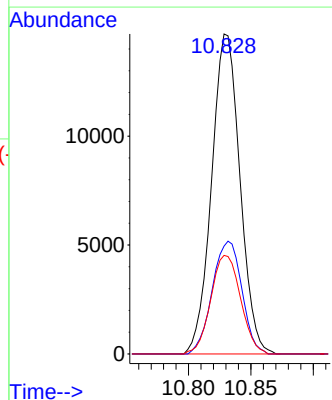
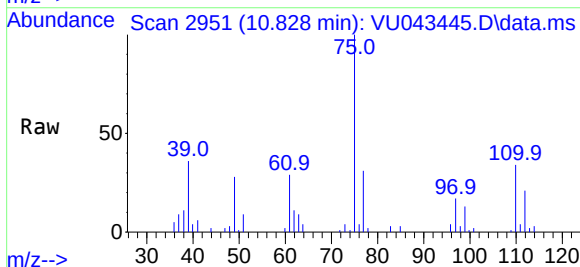
Instrument :
MSVOA_U
ClientSampled :
YARH8MS

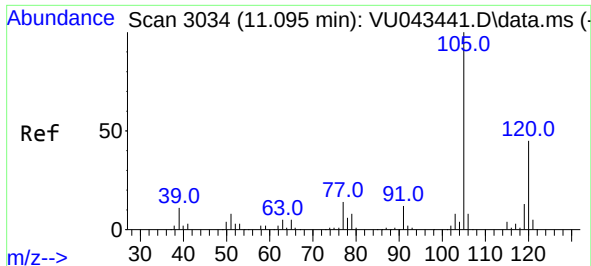
Tgt Ion:105 Resp: 128202
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3
77 18.4 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 4.87 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 75 Resp: 23282
Ion Ratio Lower Upper
75 100
110 36.7 31.5 47.3
77 32.4 26.3 39.5

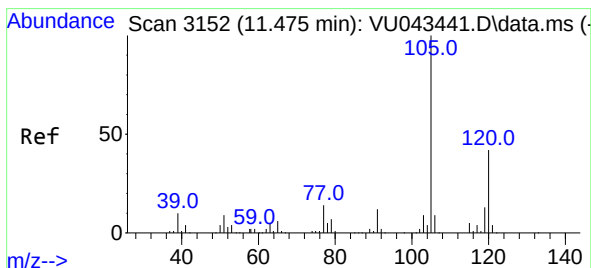
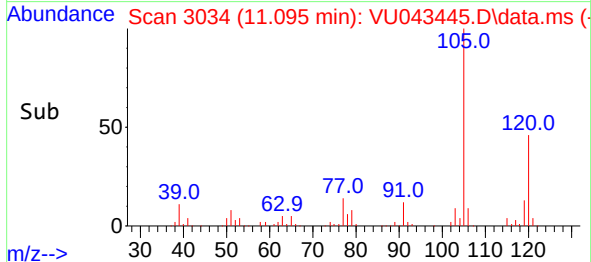
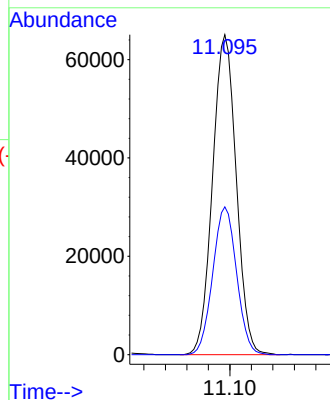
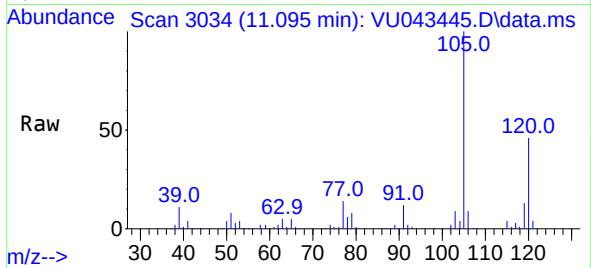




#62
1,3,5-Trimethylbenzene
Concen: 4.10 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

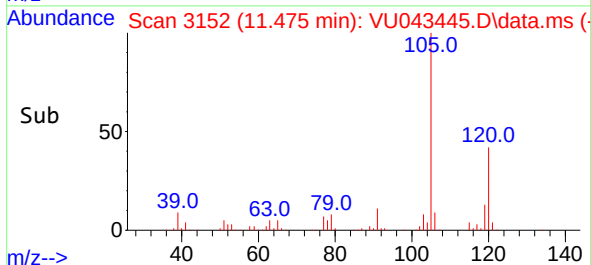
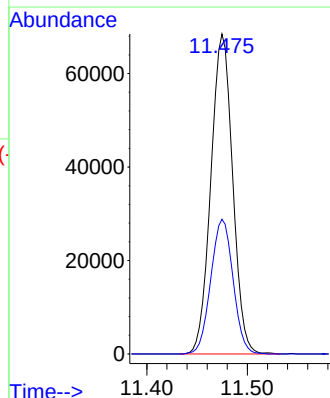
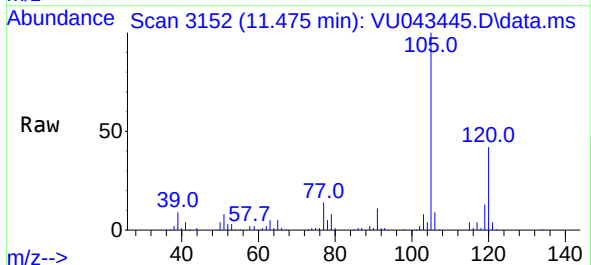
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

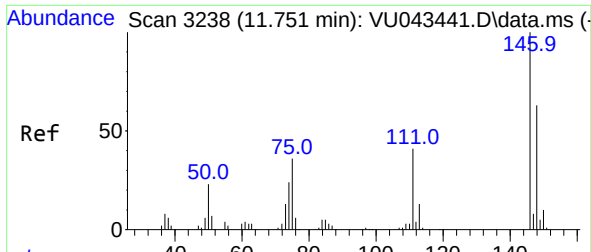
Tgt Ion:105 Resp: 99451
Ion Ratio Lower Upper
105 100
120 46.5 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.13 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:105 Resp: 103063
Ion Ratio Lower Upper
105 100
120 43.0 36.7 55.1

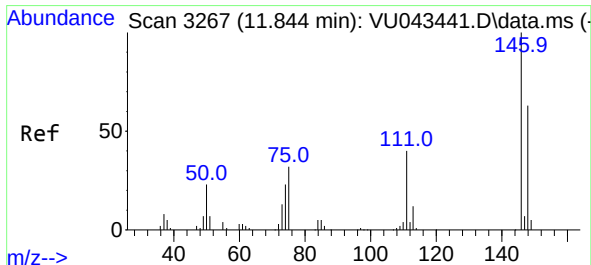
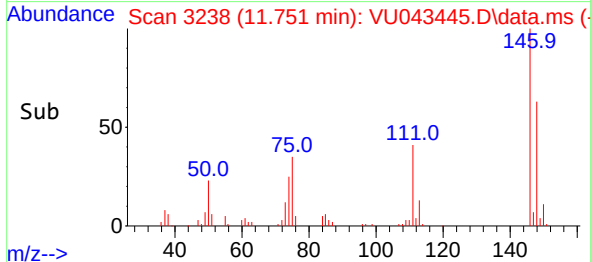
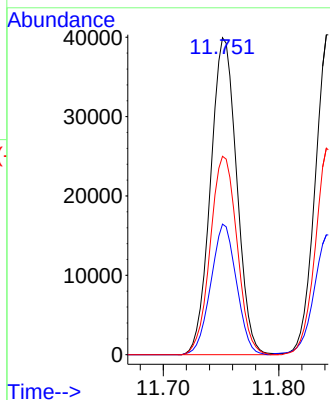
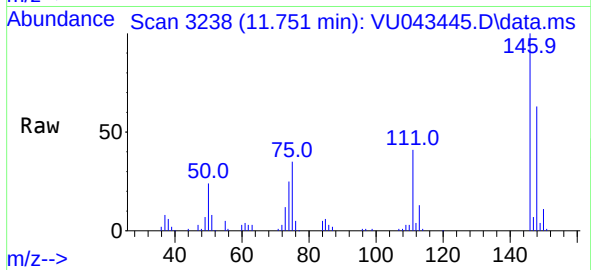




#64
1,3-Dichlorobenzene
Concen: 4.47 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

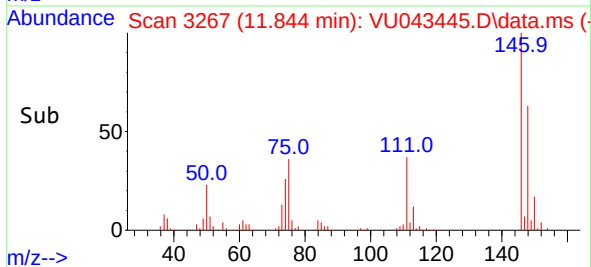
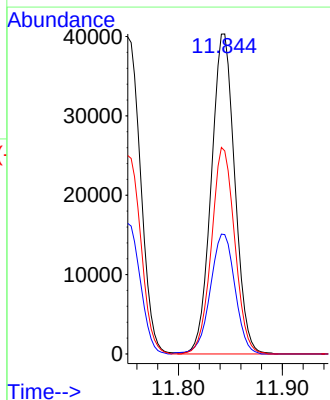
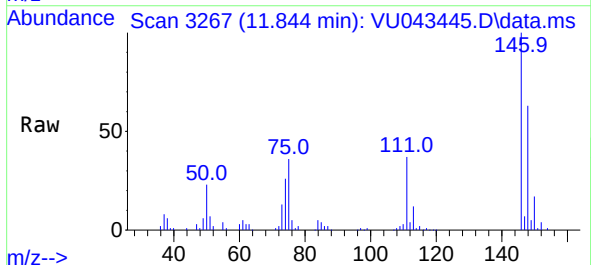
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

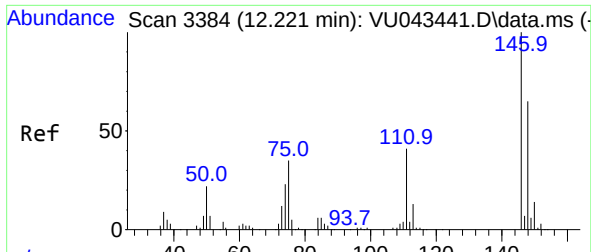
Tgt Ion:146 Resp: 62882
Ion Ratio Lower Upper
146 100
111 41.2 27.6 51.2
148 62.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.44 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:146 Resp: 63458
Ion Ratio Lower Upper
146 100
111 37.3 26.7 49.5
148 63.5 43.9 81.5

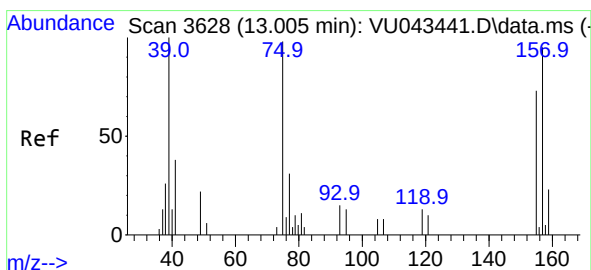
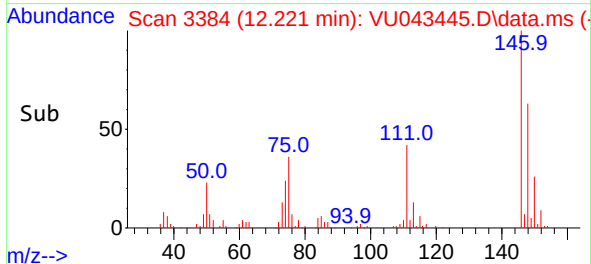
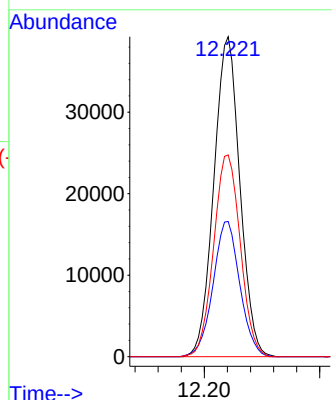
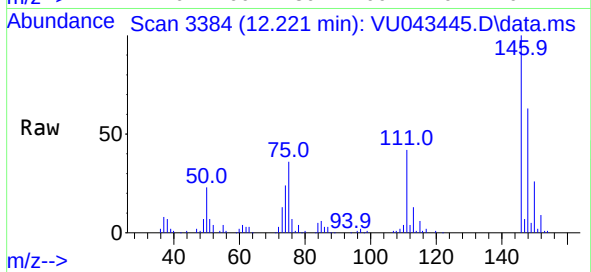




#67
1,2-Dichlorobenzene
Concen: 4.49 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

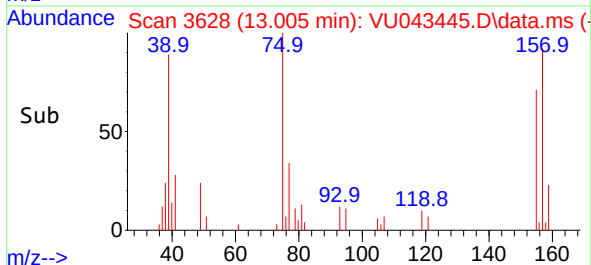
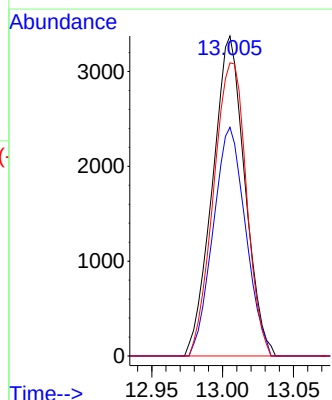
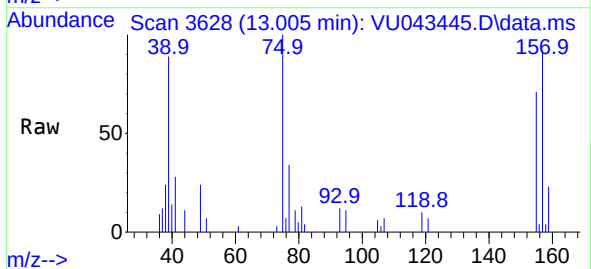
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

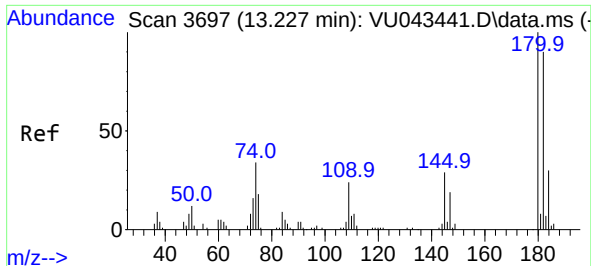
Tgt Ion:146 Resp: 61463
Ion Ratio Lower Upper
146 100
111 42.2 31.9 47.9
148 63.0 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.62 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion: 75 Resp: 5370
Ion Ratio Lower Upper
75 100
155 71.5 67.8 101.8
157 91.6 82.4 123.6



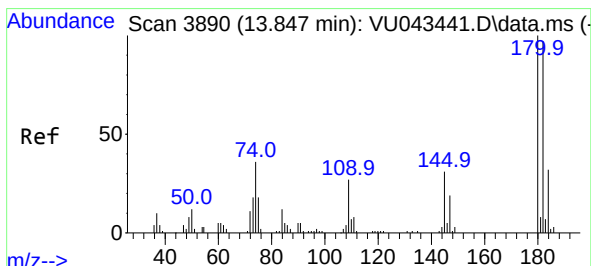
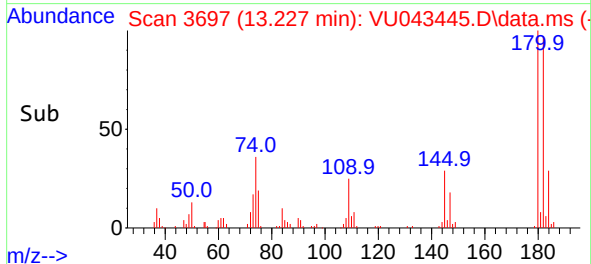
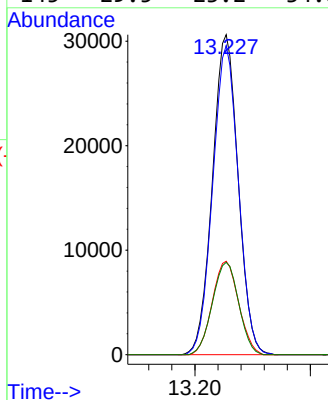
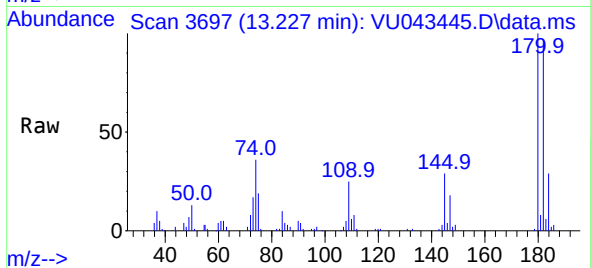


#69
1,3,5-Trichlorobenzene
Concen: 4.09 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Instrument :
MSVOA_U
ClientSampleId :
YARH8MS

Tgt Ion:180 Resp: 47254

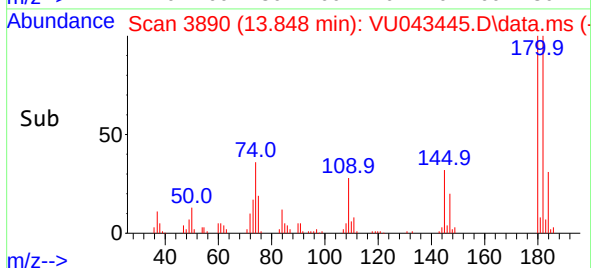
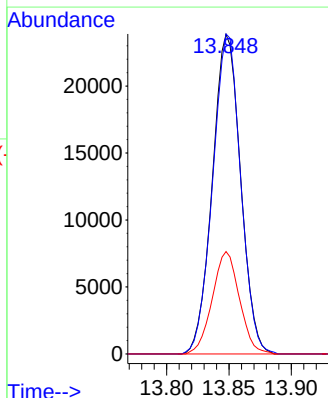
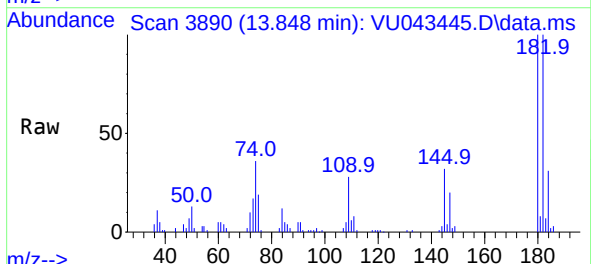
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.1	114.1
184	30.0	24.0	36.0
145	29.5	23.2	34.8

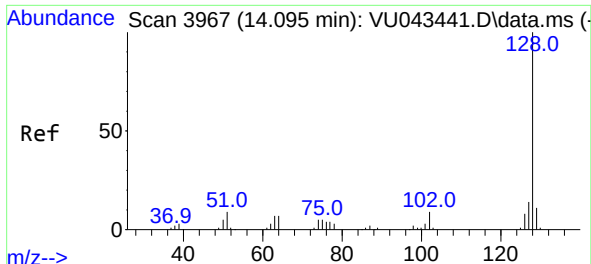


#70
1,2,4-trichlorobenzene
Concen: 3.93 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

Tgt Ion:180 Resp: 37580

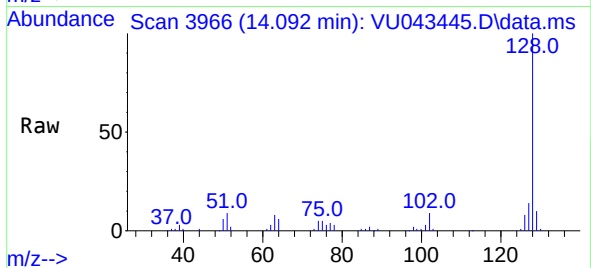
Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.5	114.7
145	30.8	24.1	36.1



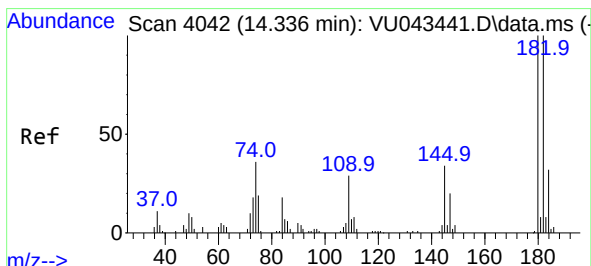
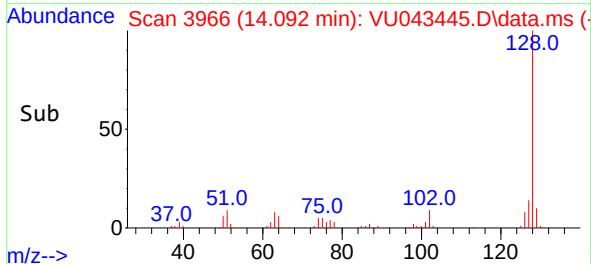
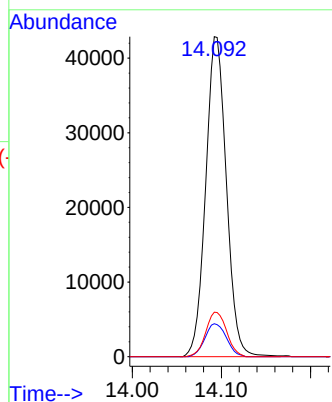


#71
Naphthalene
Concen: 4.28 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41

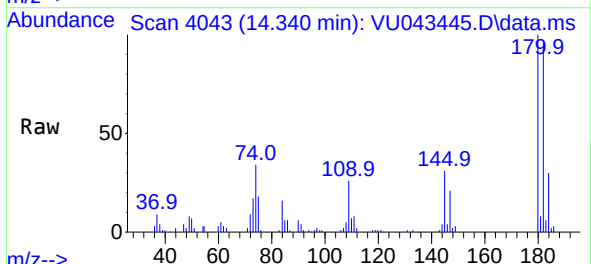
Instrument :
MSVOA_U
ClientSampleId :
YARH8MS



Tgt Ion:128 Resp: 69007
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.1 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.29 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043445.D
Acq: 29 Apr 2021 23:41



Tgt Ion:180 Resp: 37592
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 30.5 25.0 37.4

