

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042124.D
 Acq On : 20 Jan 2021 23:09
 Operator : SY/MD
 Sample : L1180-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E10

Quant Time: Jan 21 06:02:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111311	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	104215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	55479	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	31146	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.909	69	25316	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.562	63	47521	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.716	46	91953	35.10	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.20%
24) Chloroform-d	5.070	84	72228	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.713	65	43026	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.732	84	133772	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	43489	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.903	98	123324	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.185	79	20591	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.649	63	83794	43.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37363	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	49741	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
					Qvalue	
3) Chloromethane	1.514	50	783	0.08	ug/L	83
8) Chloroethane	1.720	64	446	0.09	ug/L #	43
12) 1,1-Dichloroethene	2.559	96	471	0.06	ug/L #	1
13) Acetone	2.761	43	7732	4.43	ug/L	59
14) Carbon disulfide	2.787	76	2089	0.08	ug/L #	69
15) Methyl Acetate	3.006	43	2698	0.66	ug/L	97
17) Methyl tert-butyl Ether	3.382	73	2024	0.09	ug/L #	80
21) 2-Butanone	4.800	43	4494	1.54	ug/L	91
33) Benzene	5.780	78	1900	0.06	ug/L	100
35) Methylcyclohexane	6.700	83	10102	0.73	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	5111	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1376	0.10	ug/L #	53
40) 4-Methyl-2-pentanone	7.813	43	3835	0.56	ug/L #	76
42) Toluene	7.976	91	3883	0.12	ug/L	96
44) trans-1,3-Dichloropropene	8.189	75	865	0.07	ug/L #	56
45) 1,1,2-Trichloroethane	8.285	97	320	0.05	ug/L #	16
47) Tetrachloroethene	8.555	164	672	0.10	ug/L	90
48) 2-Hexanone	8.703	43	19225	4.00	ug/L #	93
49) Dibromochloromethane	8.562	129	521	0.07	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6138	1.08	ug/L	92

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 06:00:33 2021
Response via : Initial Calibration

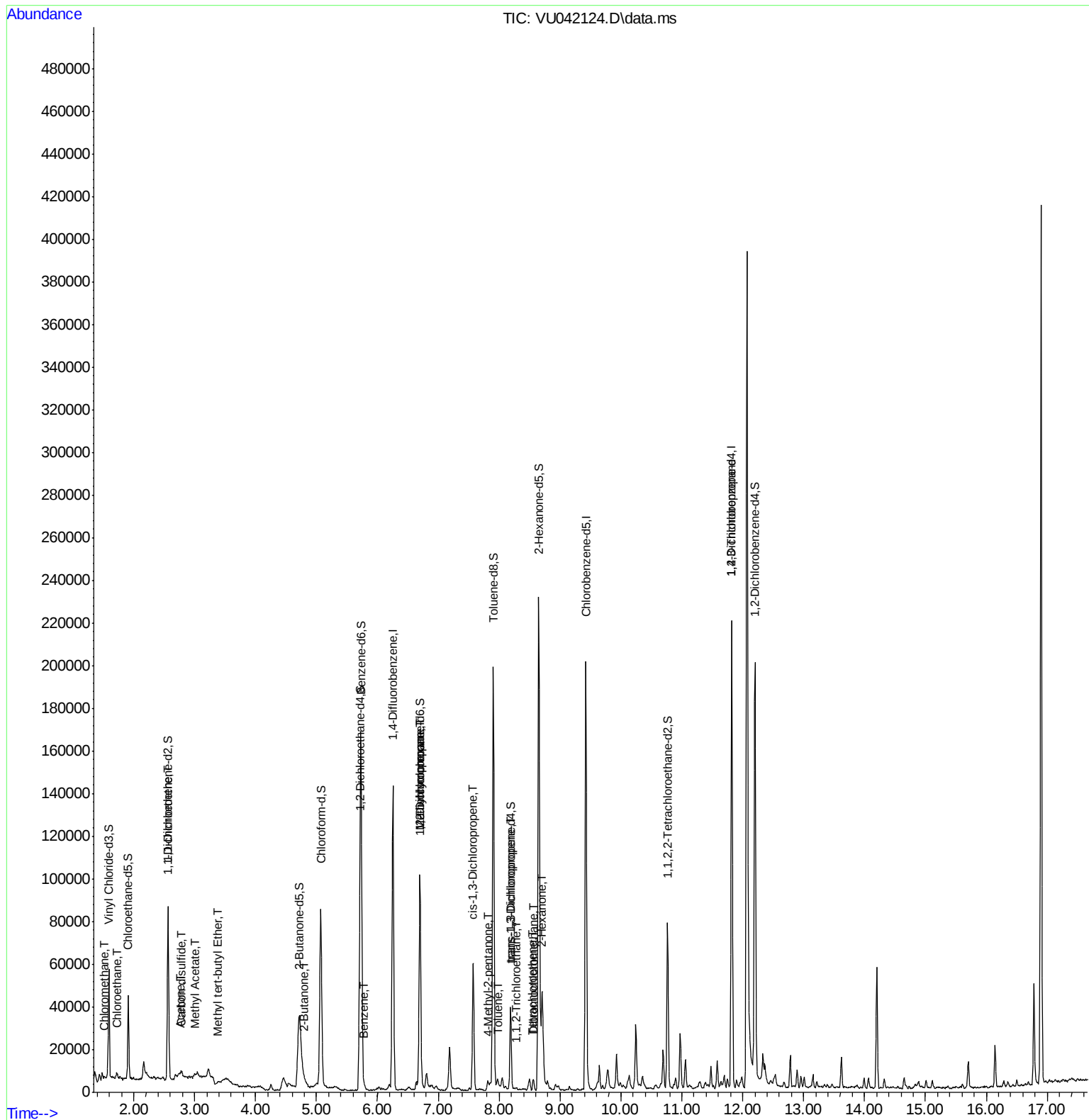
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

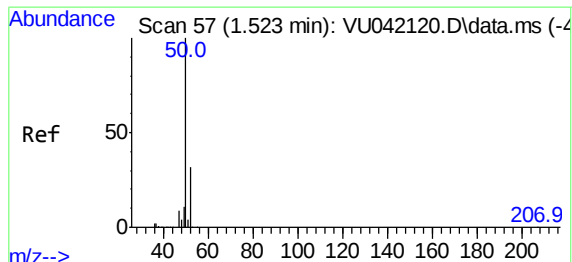
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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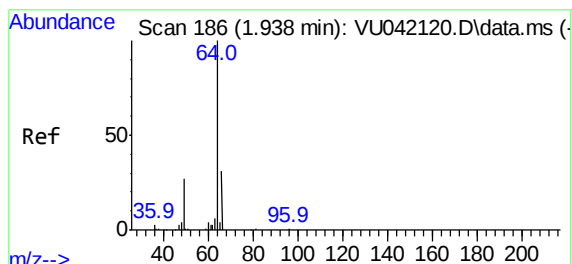
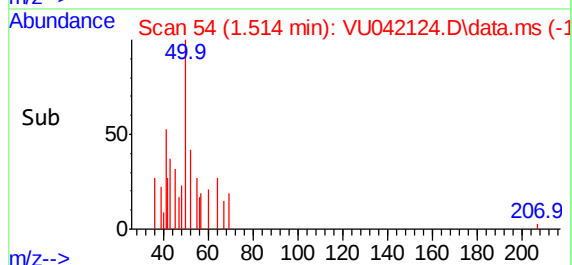
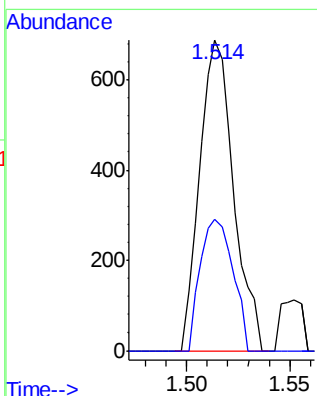
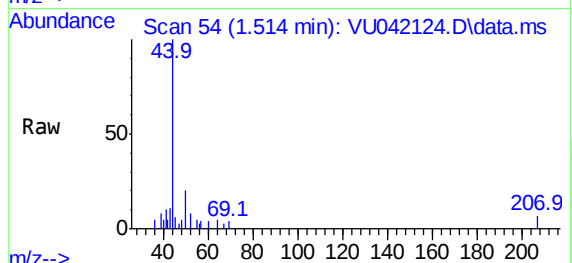




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

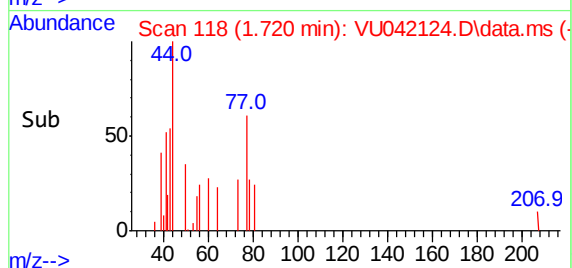
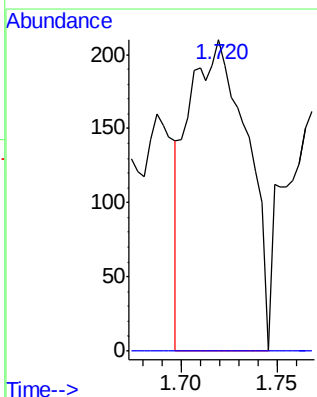
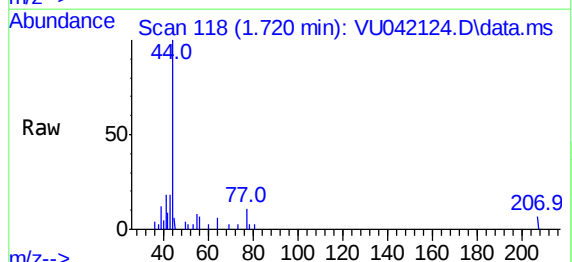
Instrument :
MSVOA_U
ClientSampled :
F1E10

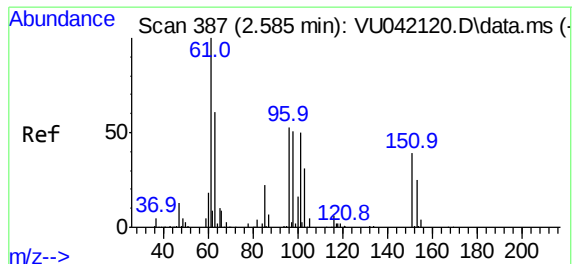
Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 42.3 23.0 42.8



#8
Chloroethane
Concen: 0.09 ug/L
RT: 1.720 min Scan# 118
Delta R.T. -0.219 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

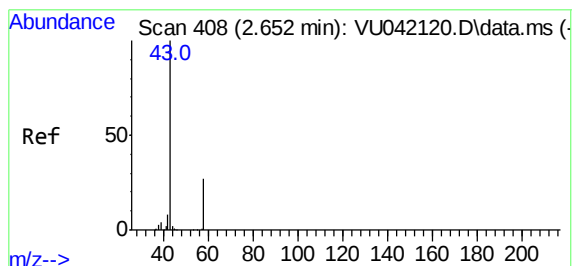
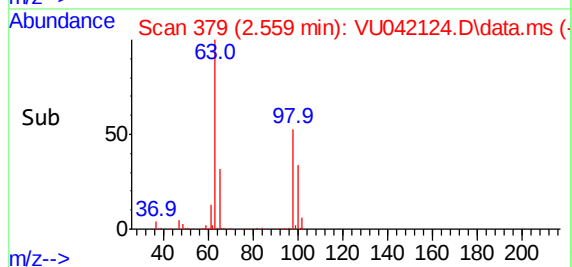
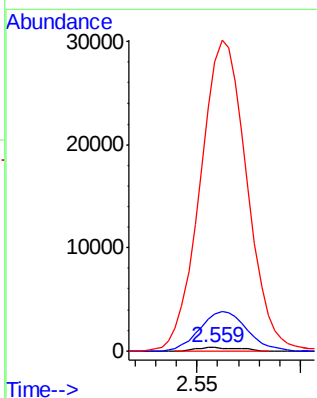
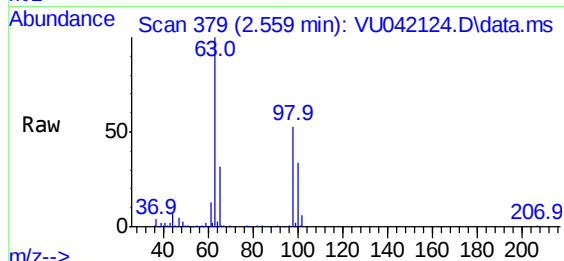




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.026 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

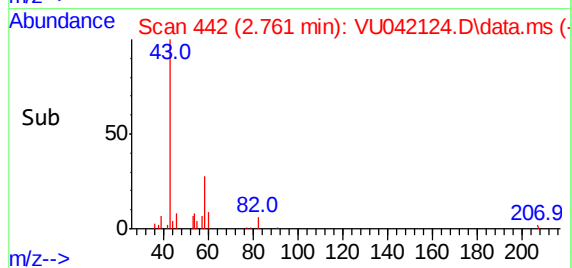
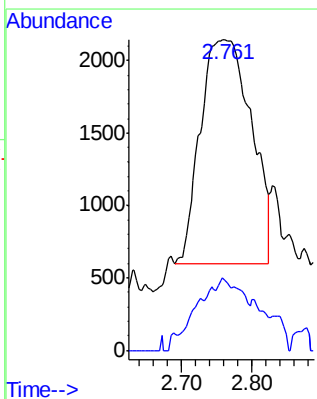
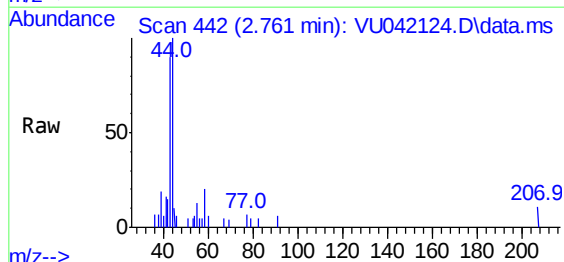
Instrument :
MSVOA_U
ClientSampleId :
F1E10

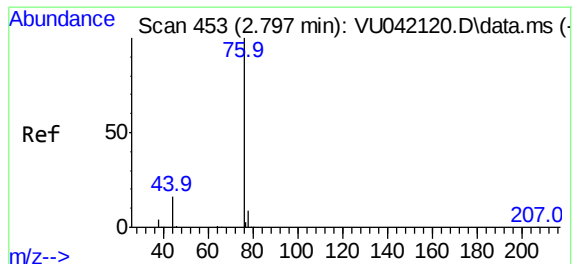
Tgt Ion: 96 Resp: 471
Ion Ratio Lower Upper
96 100
61 1194.6 126.2 234.4#
63 9412.1 77.8 144.4#



#13
Acetone
Concen: 4.43 ug/L
RT: 2.761 min Scan# 442
Delta R.T. 0.109 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 43 Resp: 7732
Ion Ratio Lower Upper
43 100
58 6.4 0.0 55.8

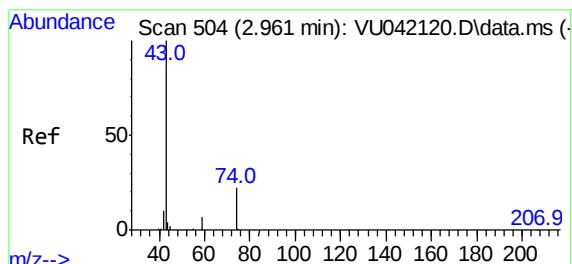
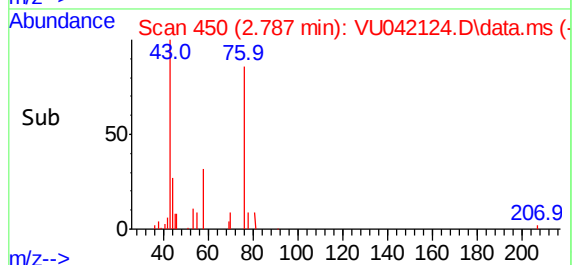
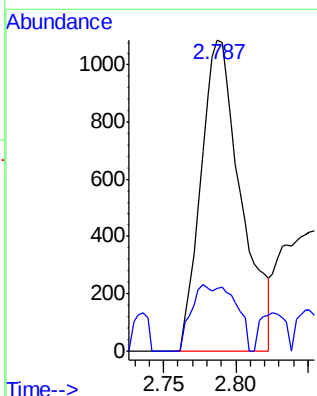
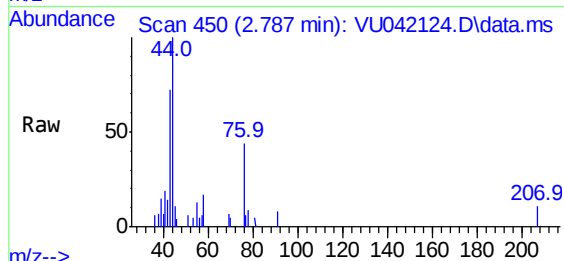




#14
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.010 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

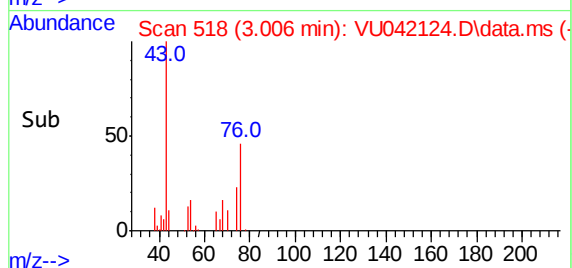
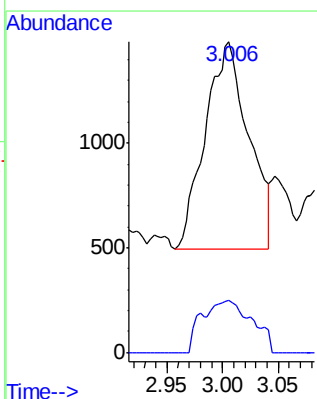
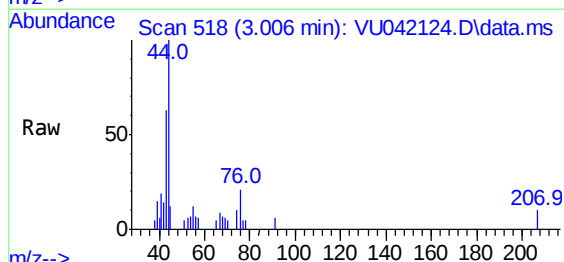
Instrument :
MSVOA_U
ClientSampleId :
F1E10

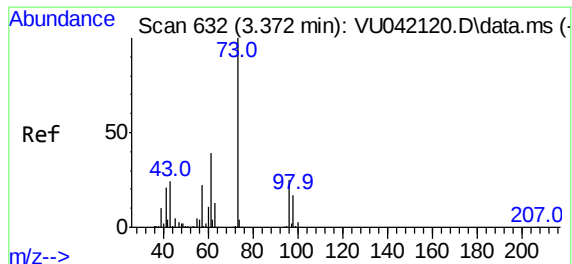
Tgt Ion: 76 Resp: 2089
Ion Ratio Lower Upper
76 100
78 20.2 7.3 10.9#



#15
Methyl Acetate
Concen: 0.66 ug/L
RT: 3.006 min Scan# 518
Delta R.T. 0.045 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 43 Resp: 2698
Ion Ratio Lower Upper
43 100
74 22.6 16.9 25.3

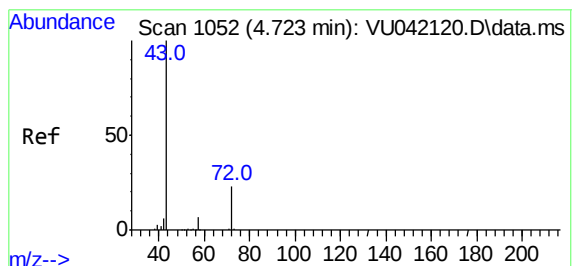
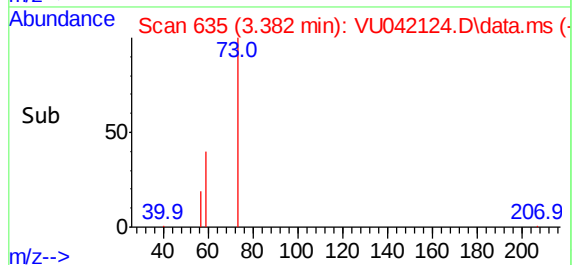
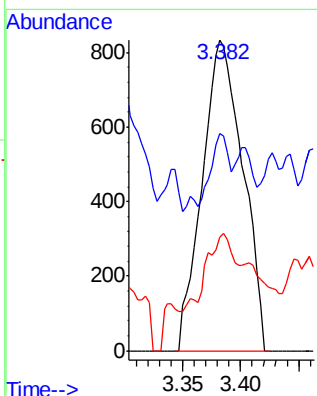
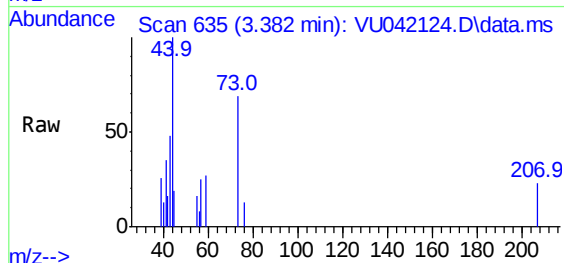




#17
Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.010 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

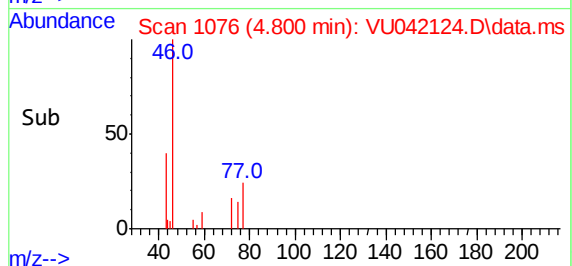
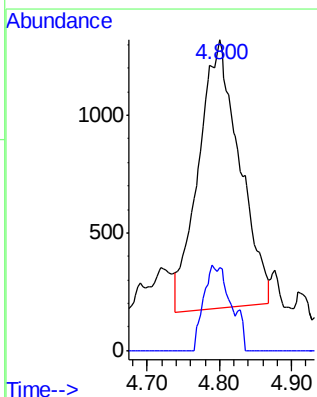
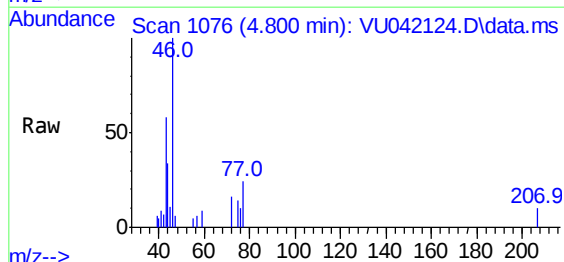
Instrument :
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ClientSampleId :
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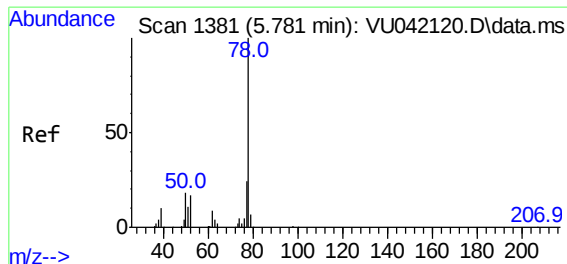
Tgt Ion: 73 Resp: 2024
Ion Ratio Lower Upper
73 100
43 9.9 18.9 28.3#
57 16.9 18.2 27.4#



#21
2-Butanone
Concen: 1.54 ug/L
RT: 4.800 min Scan# 1076
Delta R.T. 0.077 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

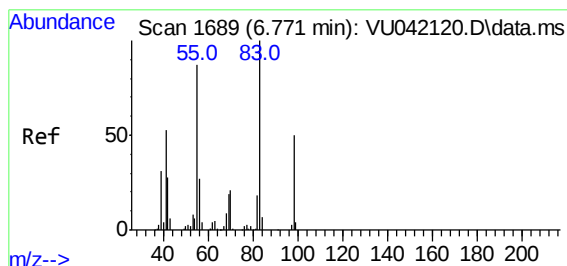
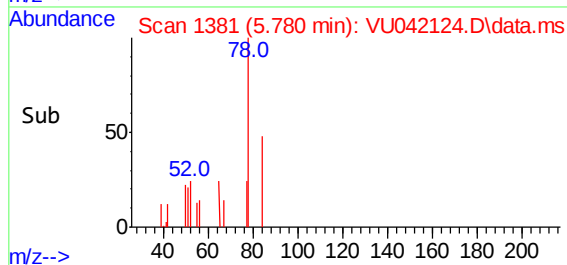
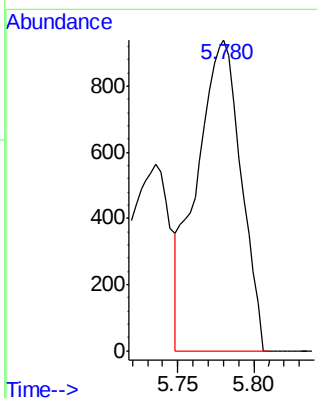
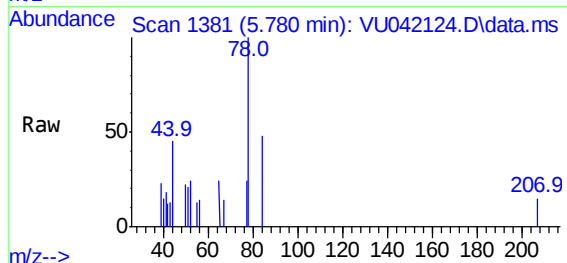
Tgt Ion: 43 Resp: 4494
Ion Ratio Lower Upper
43 100
72 19.2 11.7 35.1





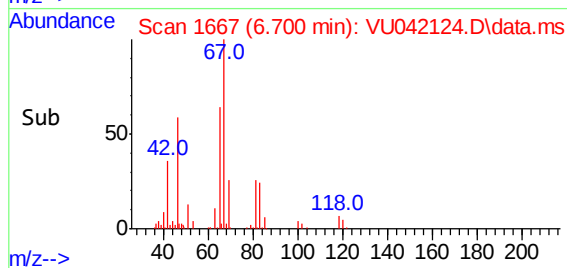
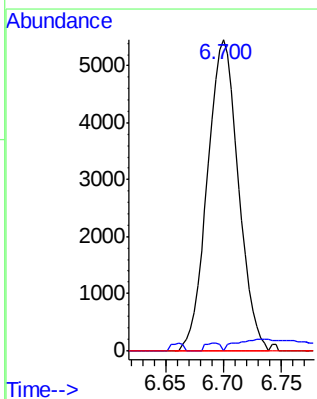
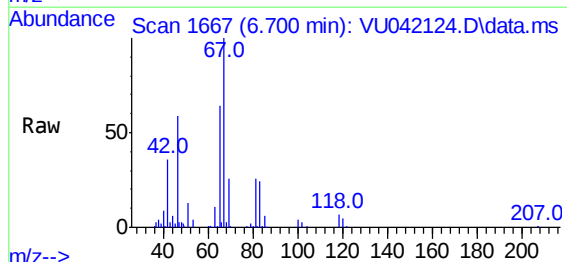
#33
Benzene
Concen: 0.06 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09
Tgt Ion: 78 Resp: 1900

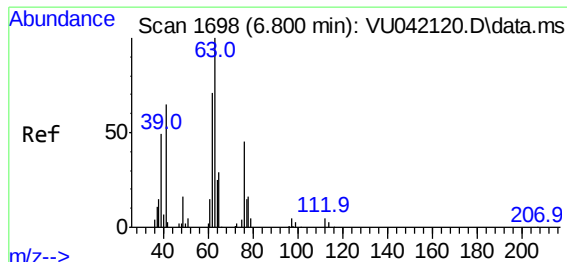
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#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09
Tgt Ion: 83 Resp: 10102

Ion	Ratio	Lower	Upper
83	100		
55	1.1	68.2	102.4#
98	0.0	39.7	59.5#

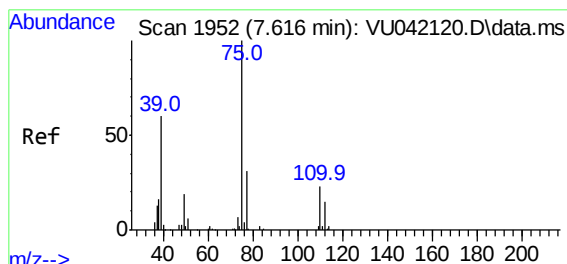
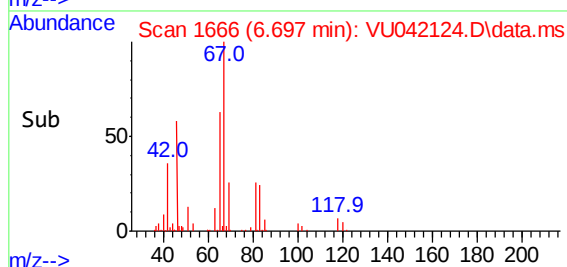
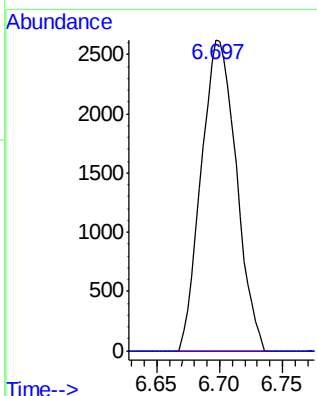
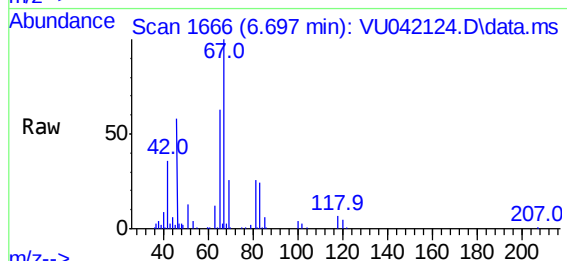




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

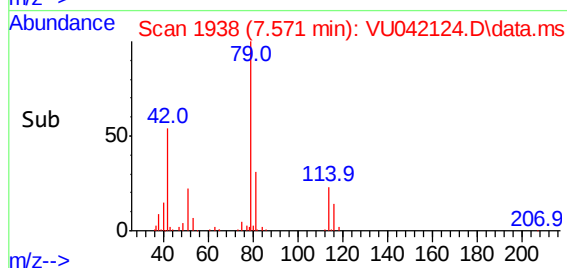
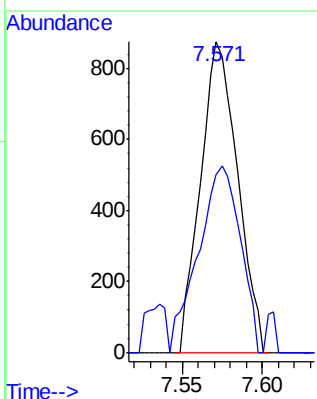
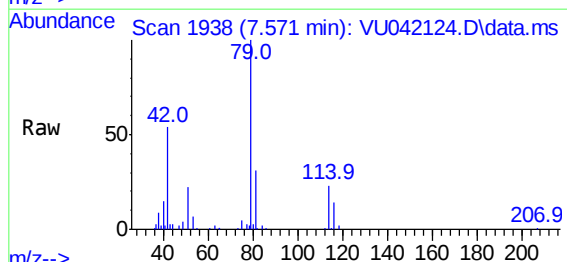
Instrument :
MSVOA_U
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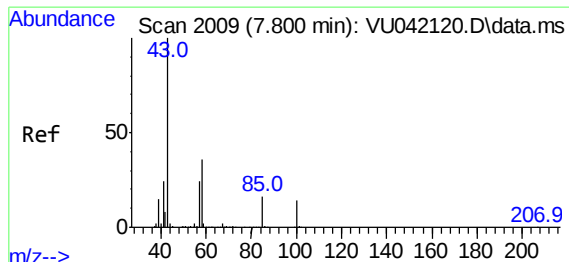
Tgt Ion: 63 Resp: 5111
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 75 Resp: 1376
Ion Ratio Lower Upper
75 100
77 57.3 22.0 40.8#

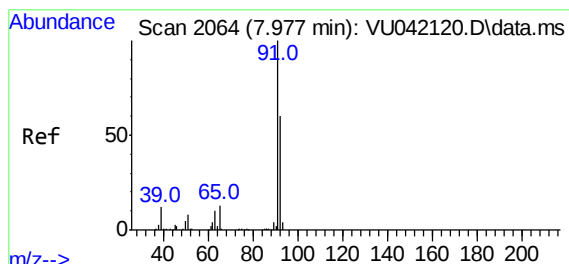
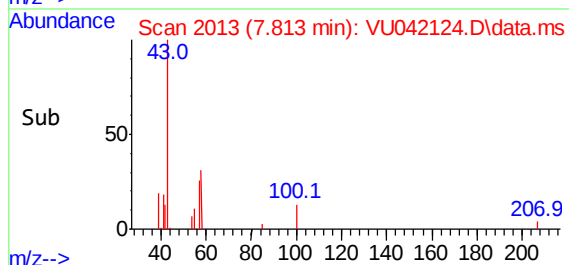
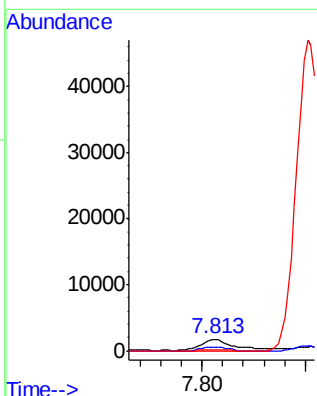
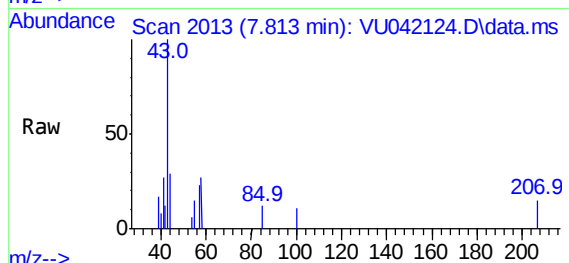




#40
4-Methyl-2-pentanone
Concen: 0.56 ug/L
RT: 7.813 min Scan# 2013
Delta R.T. 0.013 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

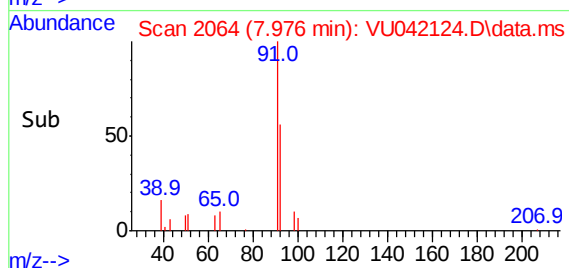
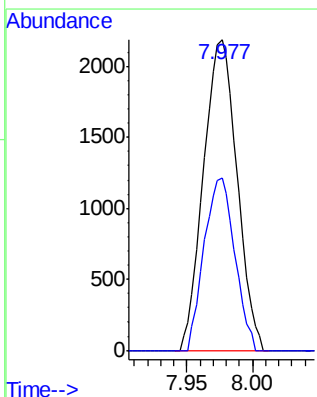
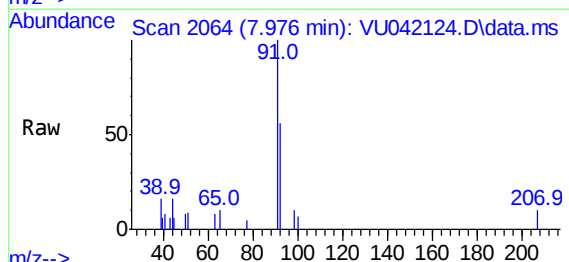
Instrument :
MSVOA_U
ClientSampleId :
F1E10

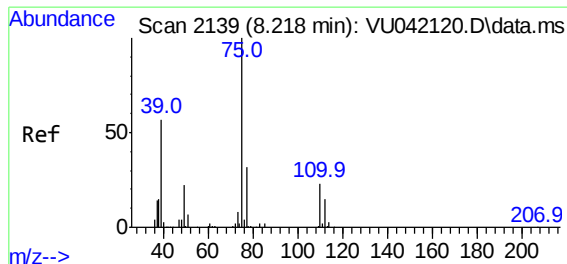
Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
58 24.6 29.1 43.7#
100 0.0 11.0 16.4#



#42
Toluene
Concen: 0.12 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 91 Resp: 3883
Ion Ratio Lower Upper
91 100
92 55.6 41.2 76.6



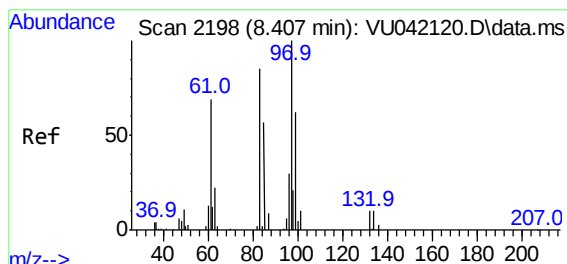
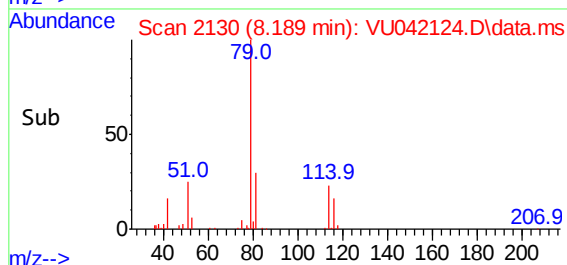
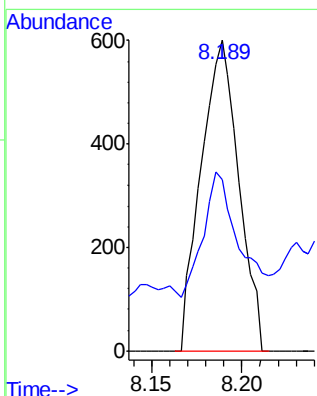
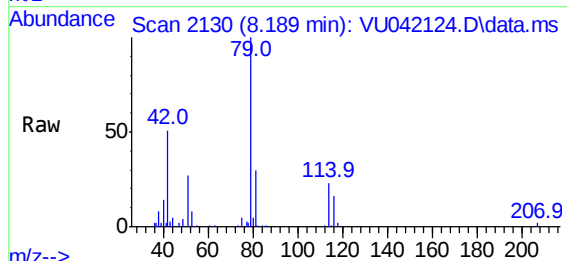


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Instrument :
MSVOA_U
ClientSampleId :
F1E10

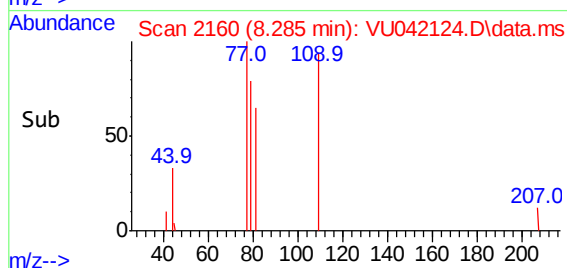
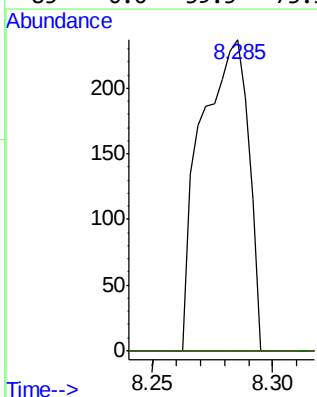
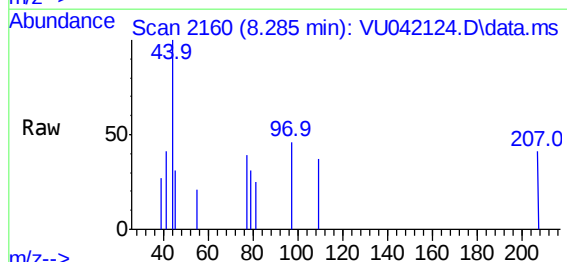
Tgt Ion: 75 Resp: 865
Ion Ratio Lower Upper
75 100
77 55.1 21.8 40.4#

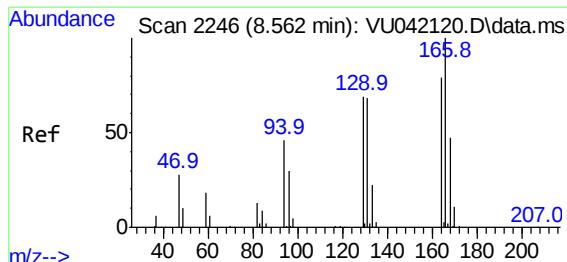


#45

1,1,2-Trichloroethane
Concen: 0.05 ug/L
RT: 8.285 min Scan# 2160
Delta R.T. -0.122 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 97 Resp: 320
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 0.0 57.6 107.0#
85 0.0 39.5 73.3#



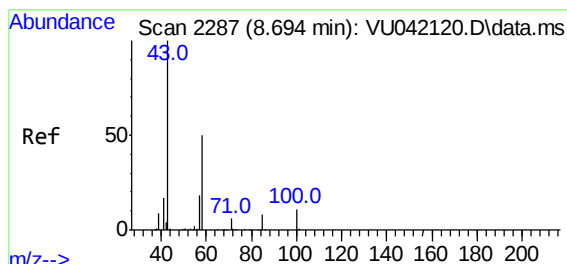
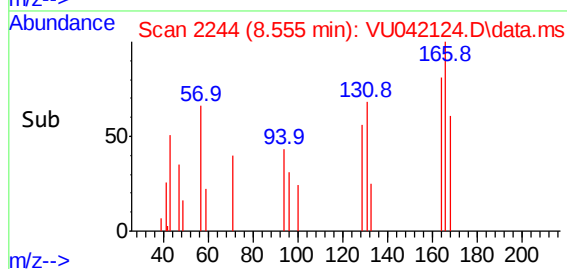
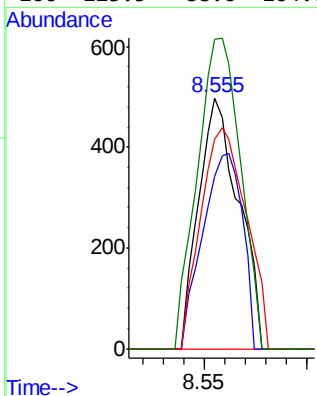
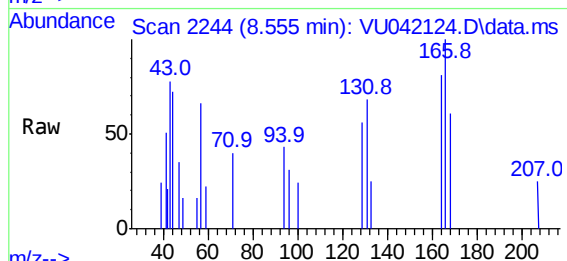


#47
Tetrachloroethene
Concen: 0.10 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.007 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Instrument :
MSVOA_U
ClientSampleId :
F1E10

Tgt Ion:164 Resp: 672

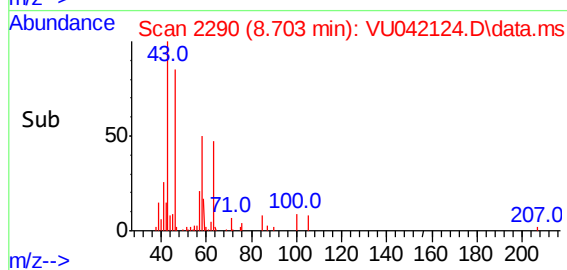
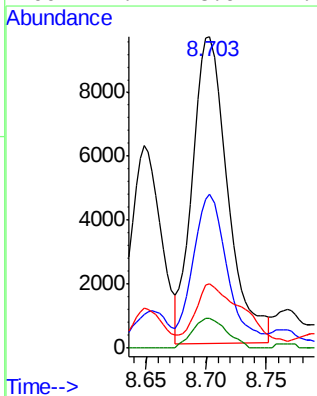
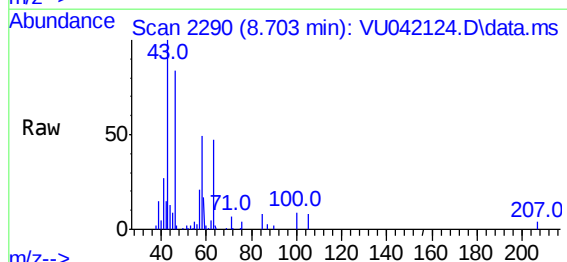
Ion	Ratio	Lower	Upper
164	100		
129	68.7	64.3	119.5
131	83.5	62.2	115.6
166	123.5	88.6	164.6

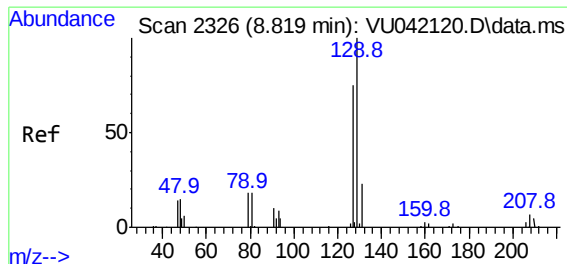


#48
2-Hexanone
Concen: 4.00 ug/L
RT: 8.703 min Scan# 2290
Delta R.T. 0.010 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 43 Resp: 19225

Ion	Ratio	Lower	Upper
43	100		
58	49.4	40.6	61.0
57	29.3	14.9	22.3#
100	9.1	8.6	12.8

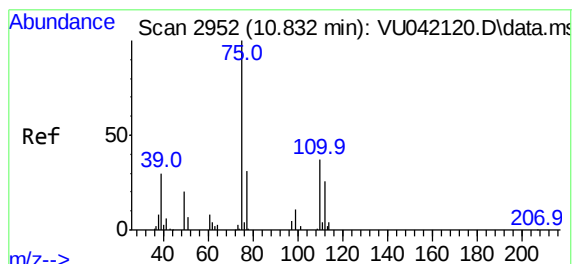
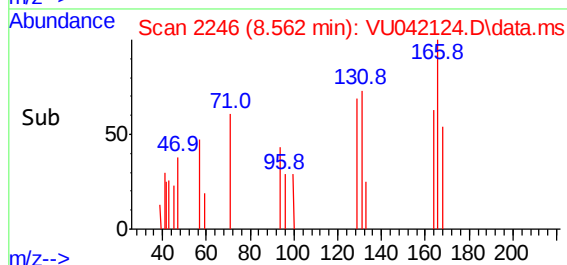
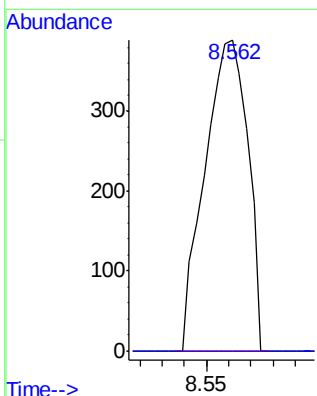
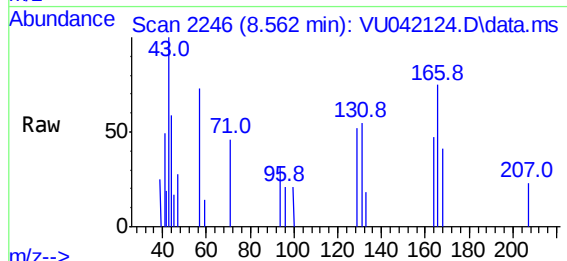




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Instrument :
MSVOA_U
ClientSampleId :
F1E10

Tgt Ion:129 Resp: 521
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.08 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042124.D
Acq: 20 Jan 2021 23:09

Tgt Ion: 75 Resp: 6138
Ion Ratio Lower Upper
75 100
77 37.1 26.0 39.0

