

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042064.D
 Acq On : 15 Jan 2021 11:37
 Operator : SY/MD
 Sample : M1129-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT61DL

Quant Time: Jan 16 01:07:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	110546	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50571	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37179	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	43129	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.578	63	58619	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.658	46	160959	57.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.00%
24) Chloroform-d	5.080	84	97584	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.716	65	52080	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.742	84	172536	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.703	67	50609	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.906	98	126380	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloroprop...	8.186	79	20209	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.639	63	114331	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	45480	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	49346	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	11518	0.90	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	604	0.07	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	469	0.05	ug/L #	1
13) Acetone	2.678	43	3386	1.94	ug/L	82
14) Carbon disulfide	2.806	76	2293	0.08	ug/L #	77
16) Methylene chloride	3.057	84	4132	0.41	ug/L	90
25) Chloroform	5.105	83	932	0.05	ug/L	96
27) 1,2-Dichloroethane	5.742	62	687	0.06	ug/L #	75
34) Trichloroethene	6.552	95	109057	10.78	ug/L	98
35) Methylcyclohexane	6.700	83	12364	0.77	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5870	0.56	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1236	0.08	ug/L #	39
44) trans-1,3-Dichloropropene	8.182	75	745	0.05	ug/L #	64
47) Tetrachloroethene	8.552	164	533	0.08	ug/L	88
49) Dibromochloromethane	8.559	129	987	0.12	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	5757	0.83	ug/L	93
66) 1,2-Dibromo-3-chloropr...	13.015	75	2161	1.45	ug/L #	8
69) Naphthalene	14.076	128	382767	24.15	ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 16 01:05:16 2021
Response via : Initial Calibration

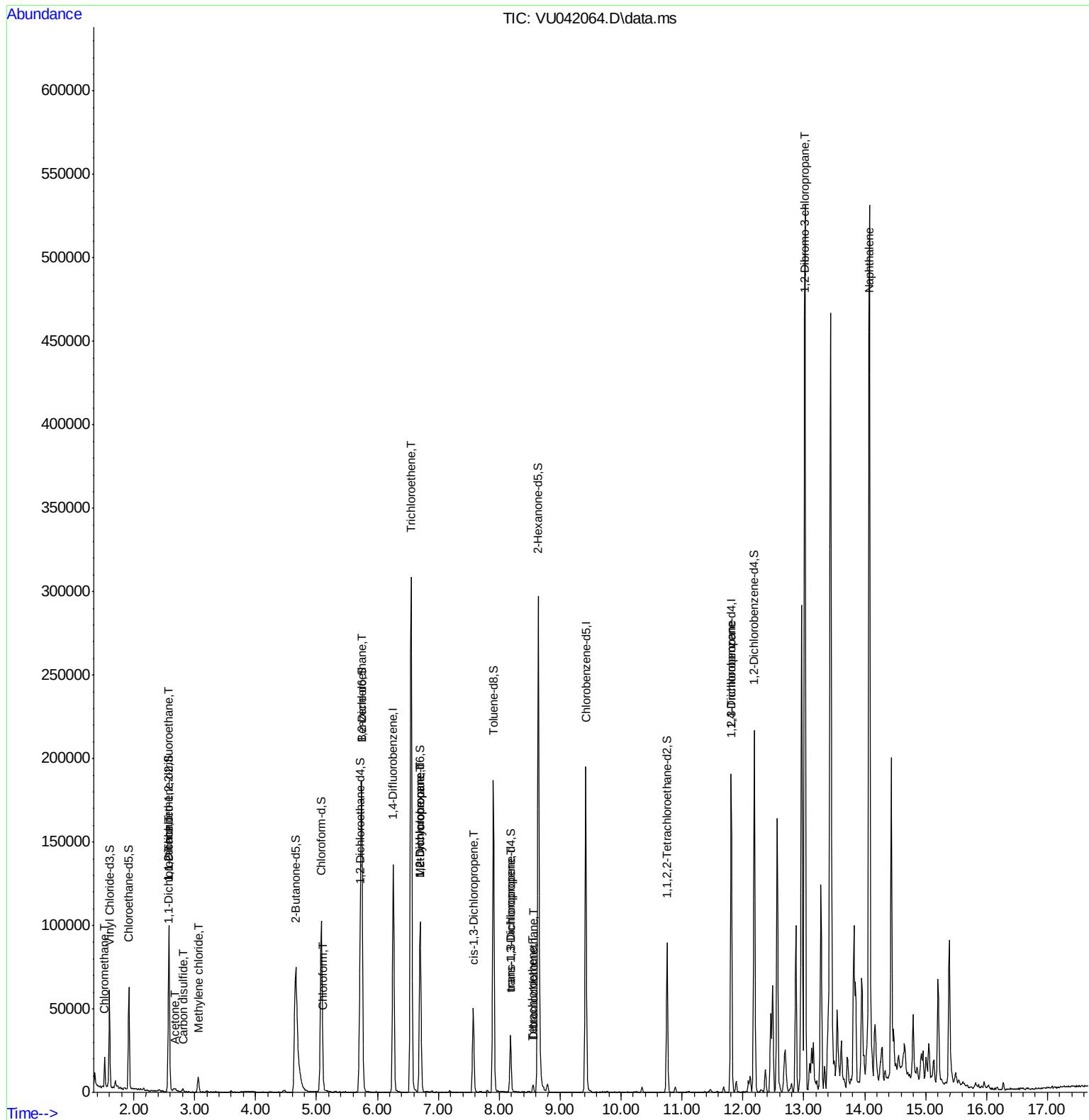
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

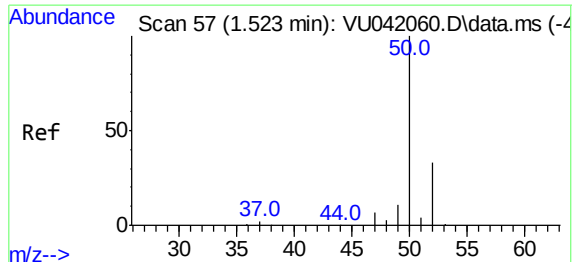
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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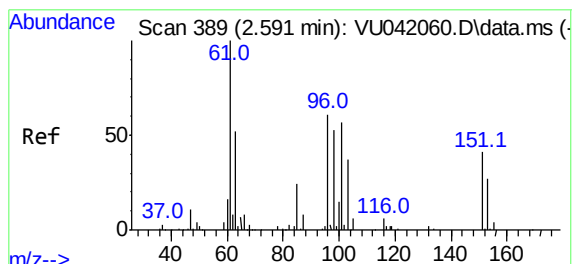
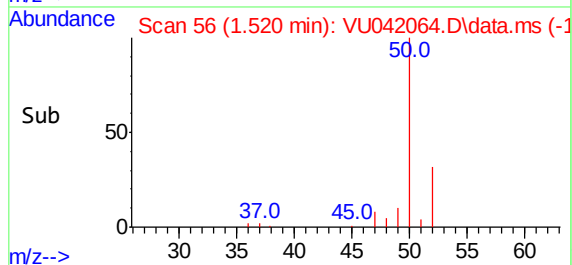
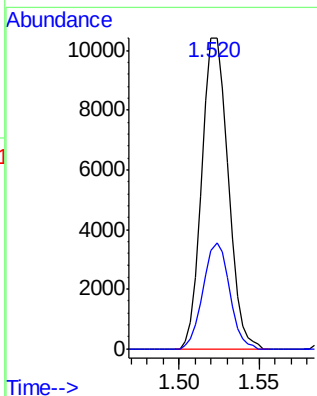
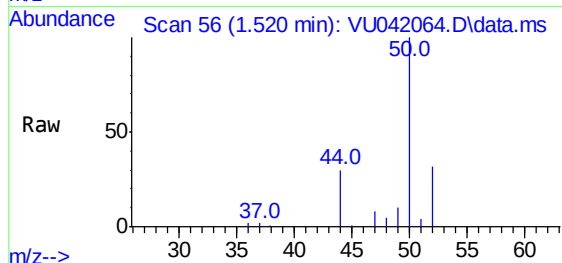




#3
Chloromethane
Concen: 0.90 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

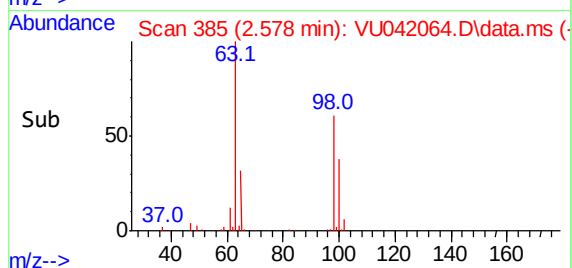
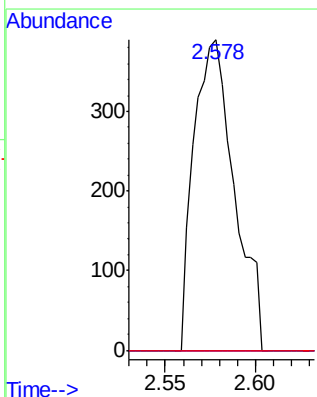
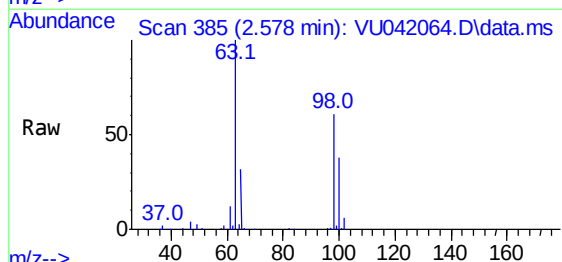
Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

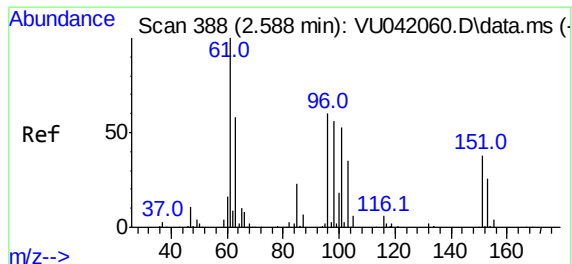
Tgt Ion: 50 Resp: 11518
Ion Ratio Lower Upper
50 100
52 31.5 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion:101 Resp: 604
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

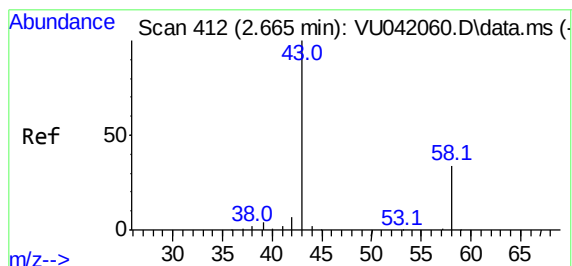
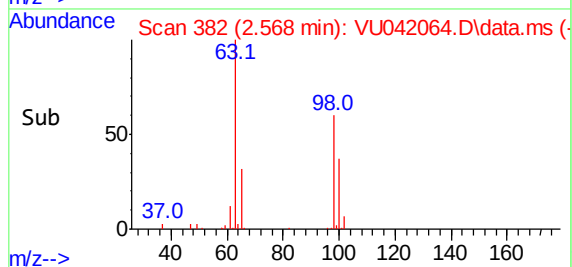
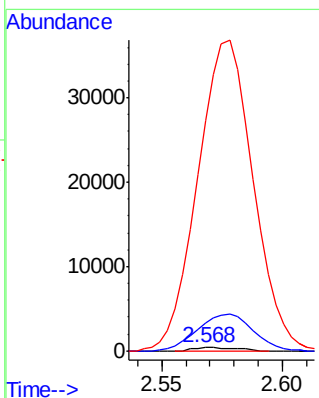
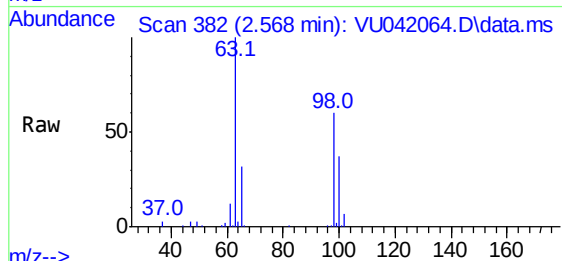




#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

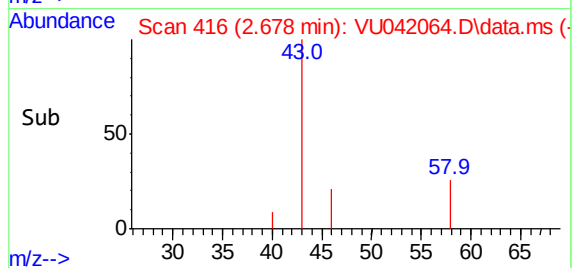
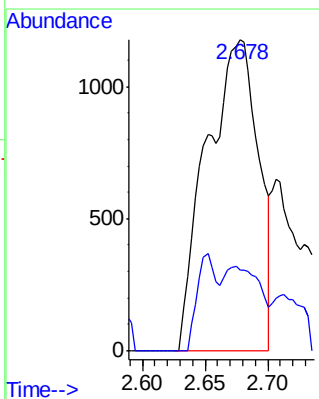
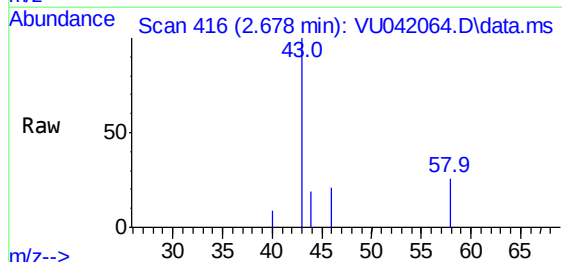
Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

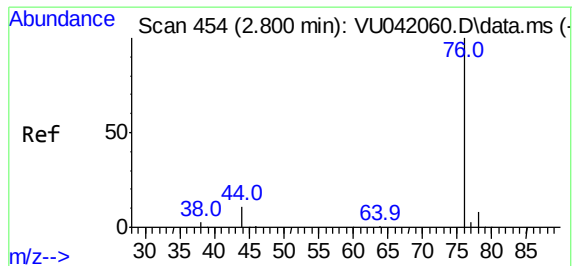
Tgt Ion: 96 Resp: 469
Ion Ratio Lower Upper
96 100
61 904.1 122.2 226.9#
63 7551.4 82.8 153.8#



#13
Acetone
Concen: 1.94 ug/L
RT: 2.678 min Scan# 416
Delta R.T. 0.013 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 43 Resp: 3386
Ion Ratio Lower Upper
43 100
58 18.9 0.0 57.4

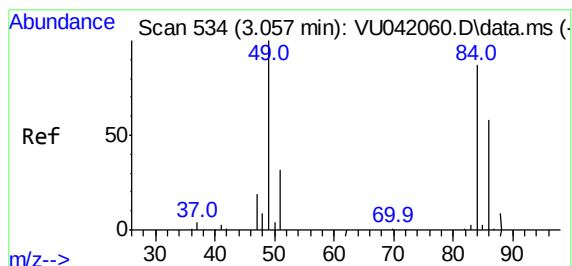
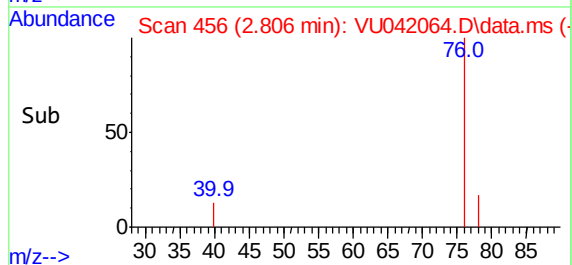
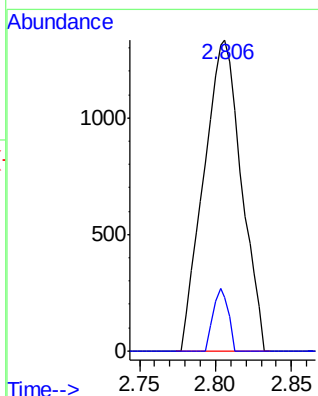
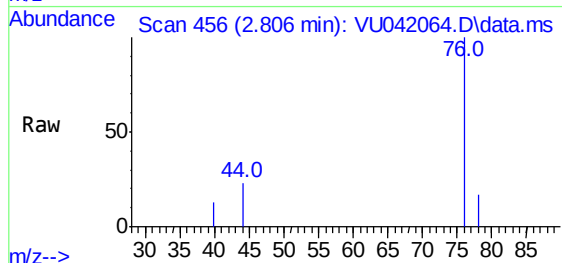




#14
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.806 min Scan# 456
Delta R.T. 0.006 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

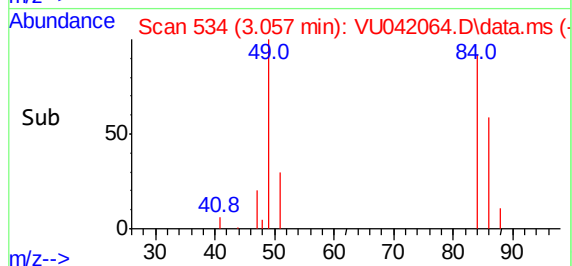
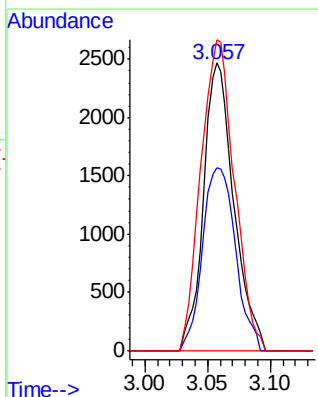
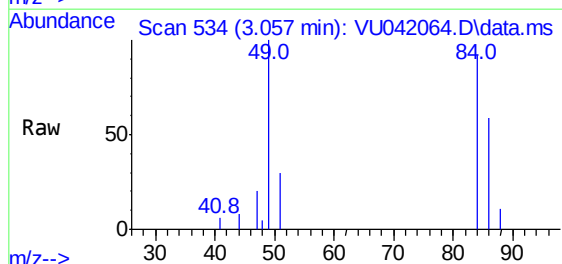
Instrument :
MSVOA_U
ClientSampled :
BFT61DL

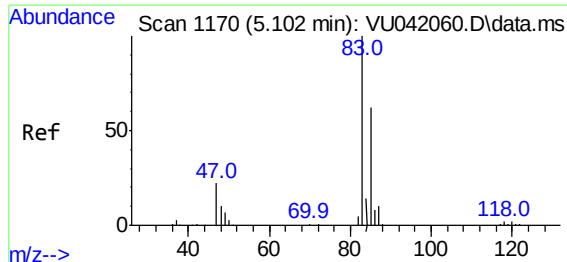
Tgt Ion: 76 Resp: 2293
Ion Ratio Lower Upper
76 100
78 17.4 7.4 11.0#



#16
Methylene chloride
Concen: 0.41 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 84 Resp: 4132
Ion Ratio Lower Upper
84 100
86 63.7 42.6 79.0
49 108.2 86.2 160.0

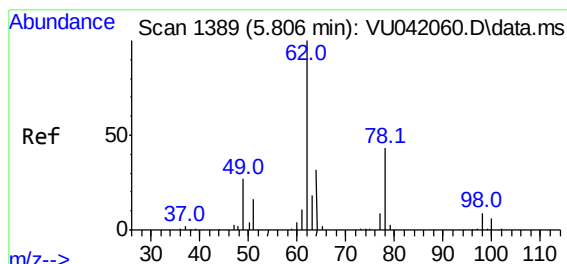
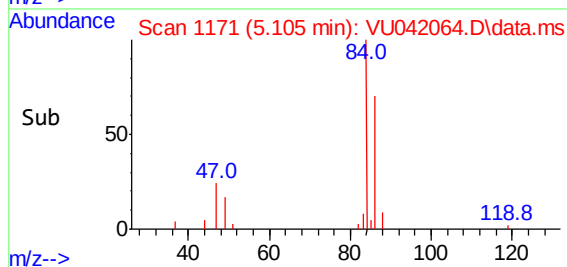
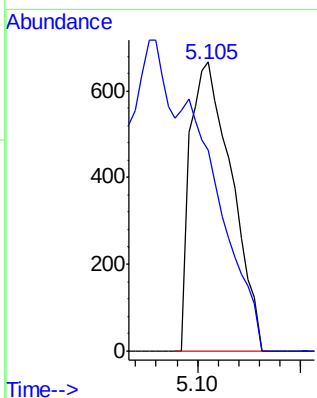
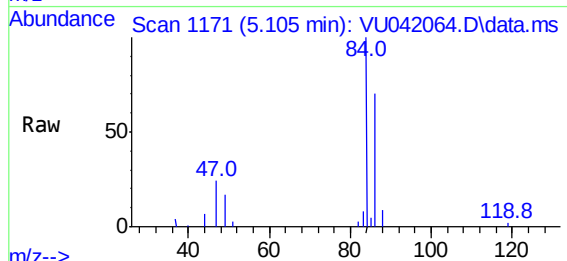




#25
Chloroform
Concen: 0.05 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

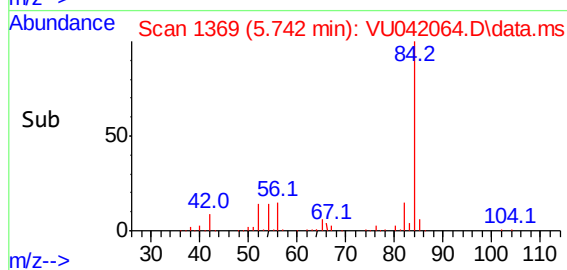
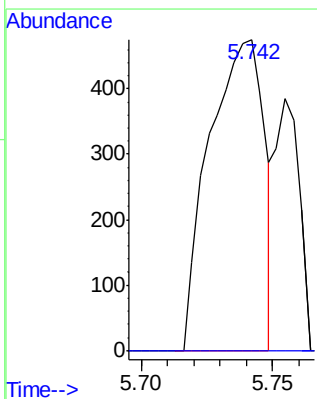
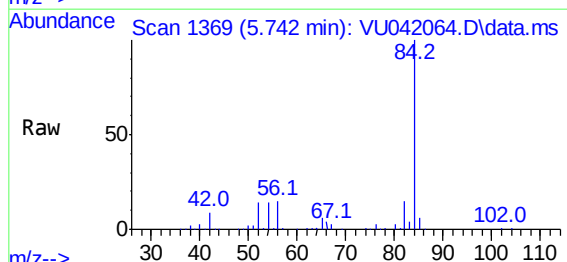
Instrument :
MSVOA_U
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BFT61DL

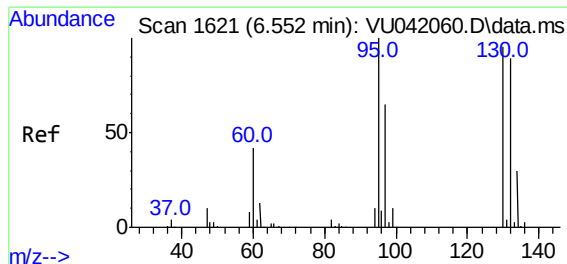
Tgt Ion: 83 Resp: 932
Ion Ratio Lower Upper
83 100
85 69.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 62 Resp: 687
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



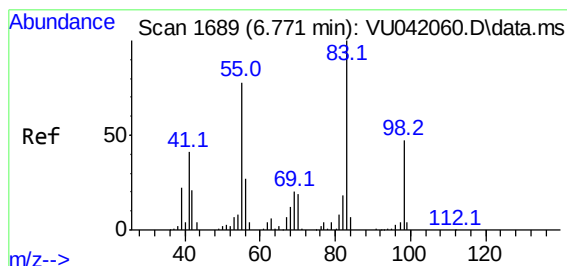
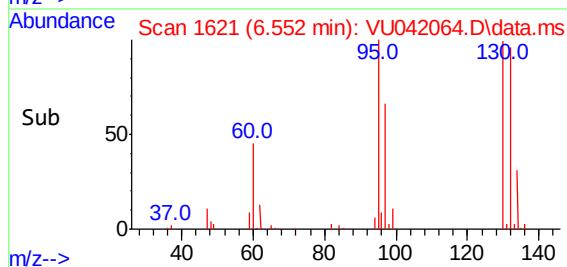
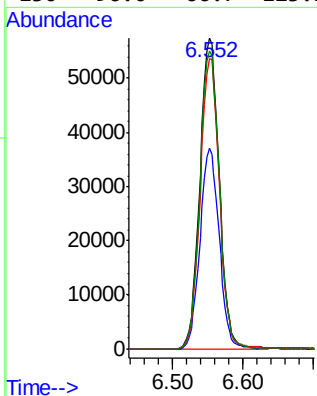
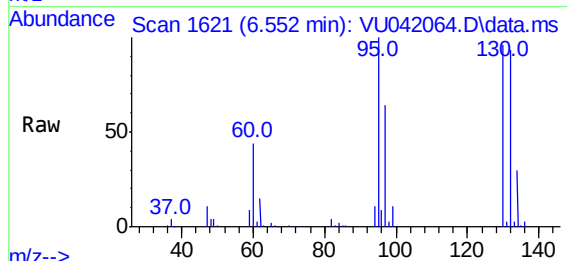


#34
Trichloroethene
Concen: 10.78 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

Tgt Ion: 95 Resp: 109057

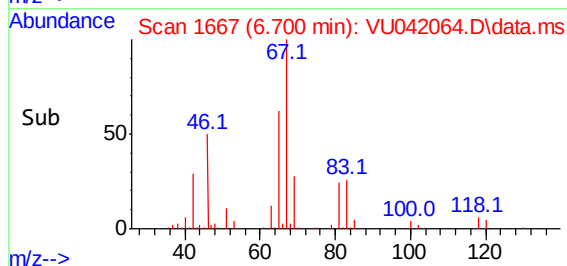
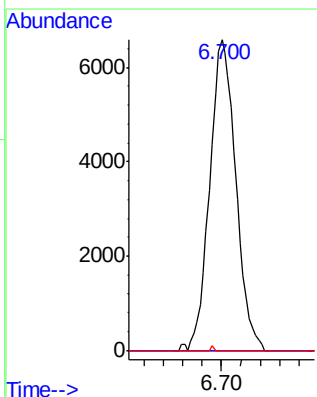
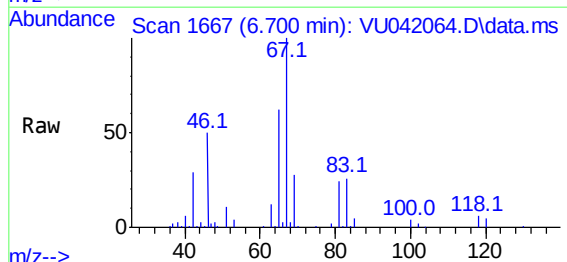
Ion	Ratio	Lower	Upper
95	100		
97	64.4	43.6	81.0
132	93.4	64.3	119.3
130	96.0	66.7	123.9

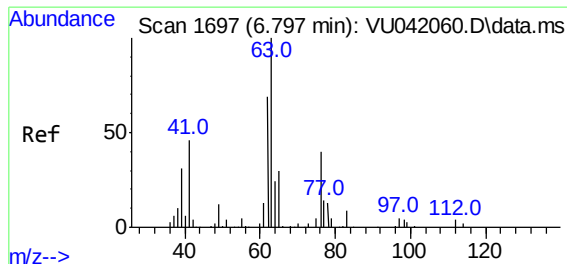


#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 83 Resp: 12364

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.0	35.7	53.5#

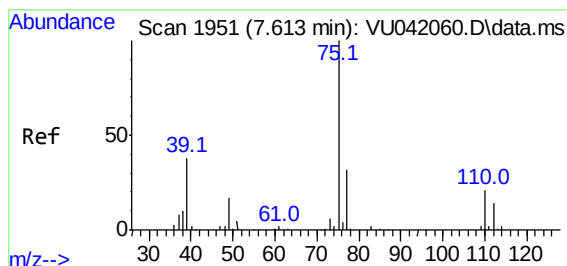
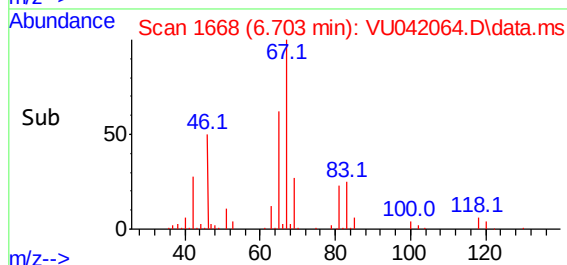
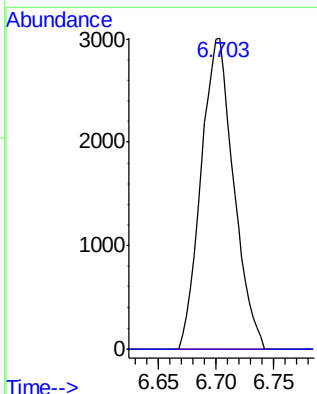
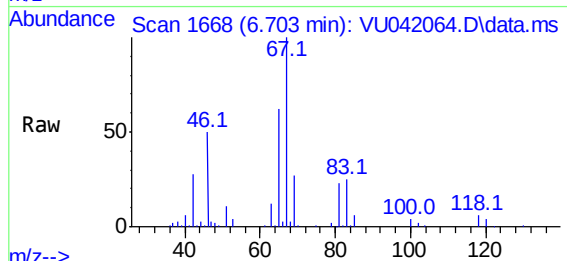




#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.093 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

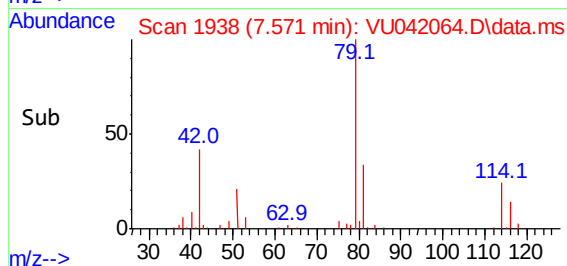
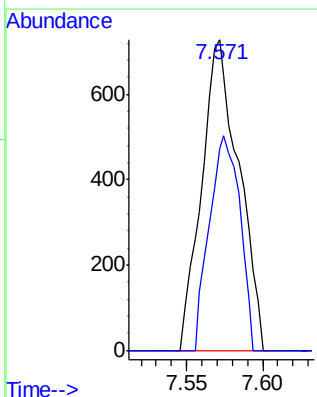
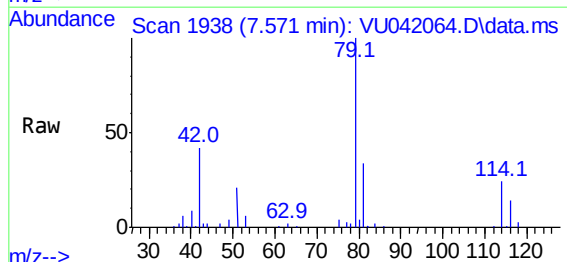
Instrument :
MSVOA_U
ClientSampled :
BFT61DL

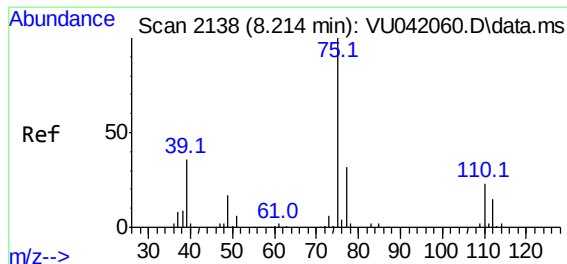
Tgt Ion: 63 Resp: 5870
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 75 Resp: 1236
Ion Ratio Lower Upper
75 100
77 65.0 21.9 40.7#



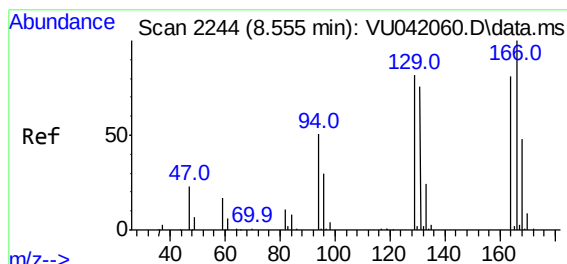
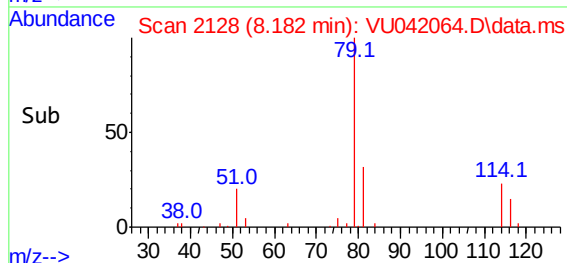
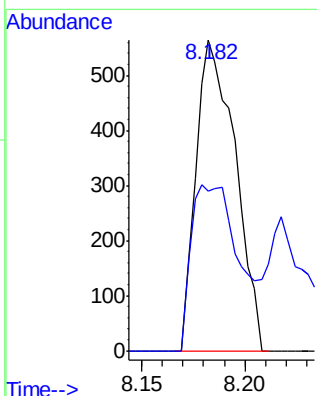
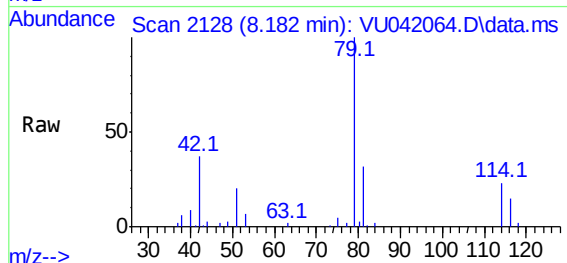


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Instrument :
MSVOA_U
ClientSampled :
BFT61DL

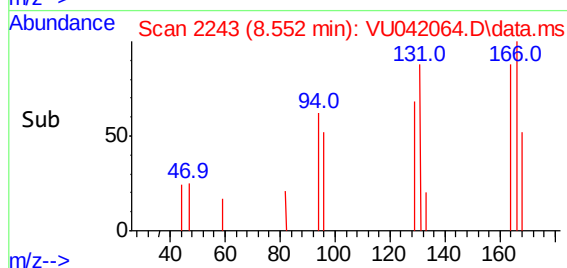
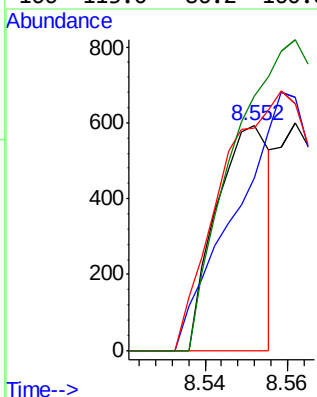
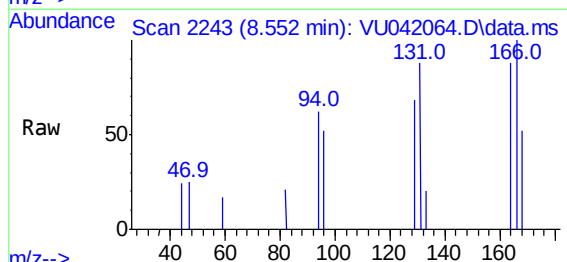
Tgt Ion: 75 Resp: 745
Ion Ratio Lower Upper
75 100
77 51.4 22.0 41.0#

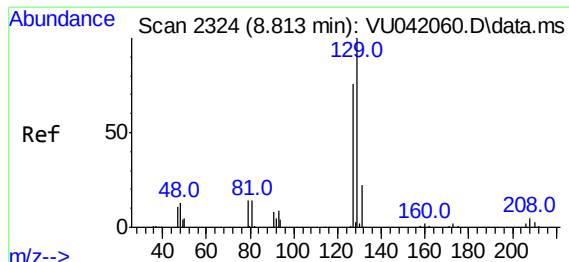


#47

Tetrachloroethene
Concen: 0.08 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion:164 Resp: 533
Ion Ratio Lower Upper
164 100
129 76.7 68.7 127.5
131 99.2 65.2 121.0
166 113.0 86.2 160.0

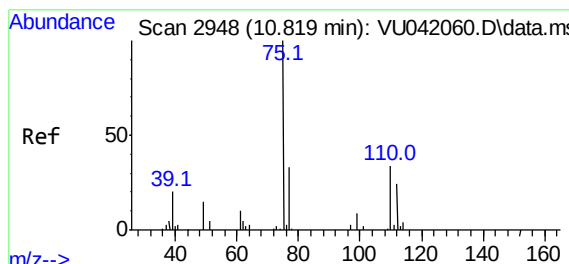
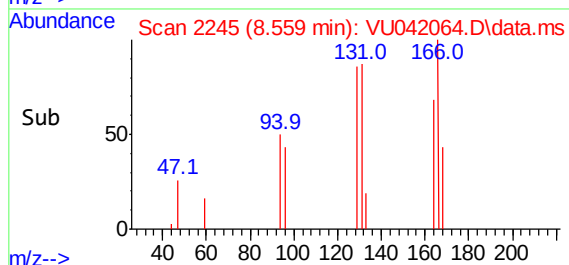
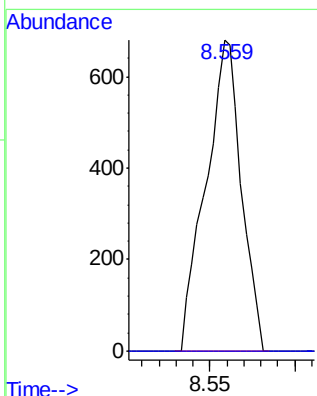
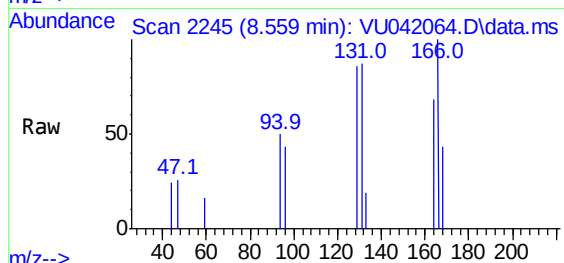




#49
Dibromochloromethane
Concen: 0.12 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

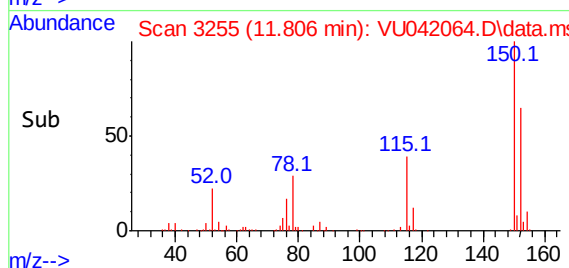
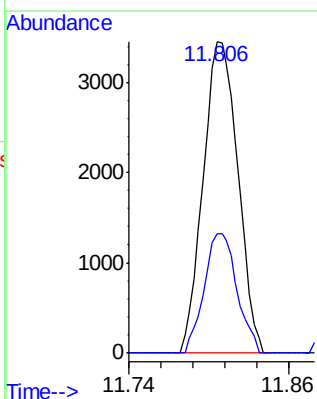
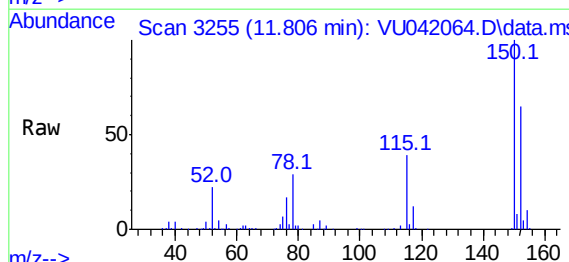
Instrument :
MSVOA_U
ClientSampled :
BFT61DL

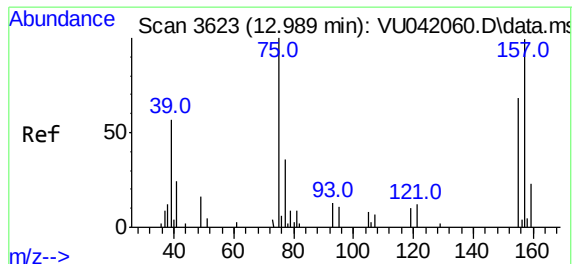
Tgt Ion:129 Resp: 987
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.83 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 75 Resp: 5757
Ion Ratio Lower Upper
75 100
77 36.1 25.6 38.4

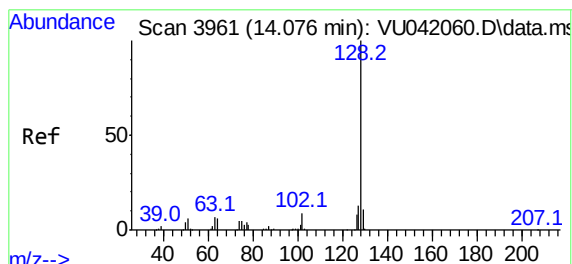
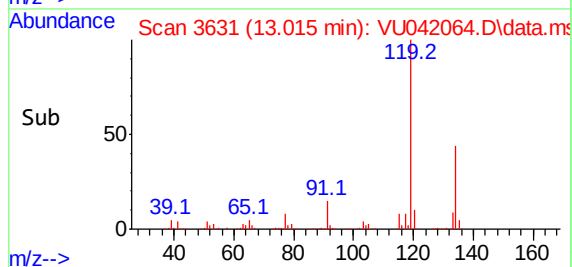
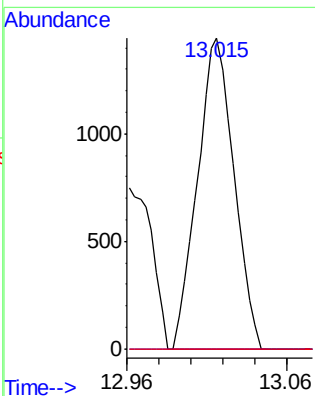
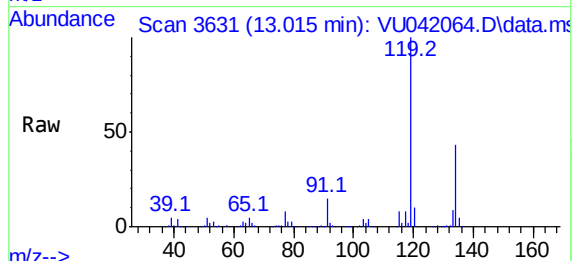




#66
1,2-Dibromo-3-chloropropane
Concen: 1.45 ug/L
RT: 13.015 min Scan# 3631
Delta R.T. 0.026 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

Tgt Ion: 75 Resp: 2161
Ion Ratio Lower Upper
75 100
155 0.0 56.6 84.8#
157 0.0 75.0 112.4#



#69
Naphthalene
Concen: 24.15 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VU042064.D
Acq: 15 Jan 2021 11:37

Tgt Ion: 128 Resp: 382767
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.5 15.7

