

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042048.D
 Acq On : 14 Jan 2021 22:00
 Operator : SY/MD
 Sample : M1065-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM9DL

Quant Time: Jan 15 06:37:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	127222	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44161	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35530	3.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	74.00%		
7) Chloroethane-d5	1.919	69	39817	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.60%		
11) 1,1-Dichloroethene-d2	2.575	63	58415	3.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	60.40%		
20) 2-Butanone-d5	4.652	46	158997	49.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	98.70%		
24) Chloroform-d	5.079	84	89663	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.20%		
26) 1,2-Dichloroethane-d4	5.716	65	50383	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.00%		
32) Benzene-d6	5.742	84	173386	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.40%		
36) 1,2-Dichloropropane-d6	6.700	67	58959	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	106.20%		
41) Toluene-d8	7.906	98	141874	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.80%		
43) trans-1,3-Dichloroprop...	8.185	79	21110	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.60%		
46) 2-Hexanone-d5	8.642	63	115519	50.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.02%		
57) 1,1,2,2-Tetrachloroeth...	10.754	84	41676	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.60%		
64) 1,2-Dichlorobenzene-d4	12.188	152	42217	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	101.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1101	0.09	ug/L	91
3) Chloromethane	1.523	50	1169	0.08	ug/L	96
9) Trichlorofluoromethane	2.144	101	125350	6.60	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2463	0.24	ug/L #	77
16) Methylene chloride	3.057	84	4179	0.36	ug/L	94
19) 1,1-Dichloroethane	3.883	63	994	0.05	ug/L #	61
22) cis-1,2-Dichloroethene	4.681	96	43285	4.09	ug/L	90
25) Chloroform	5.096	83	1395	0.07	ug/L	86
27) 1,2-Dichloroethane	5.739	62	741	0.06	ug/L #	75
34) Trichloroethene	6.552	95	166240	17.17	ug/L	99
35) Methylcyclohexane	6.703	83	13347	0.87	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5990	0.60	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1493	0.10	ug/L #	58
44) trans-1,3-Dichloropropene	8.189	75	641	0.05	ug/L #	3
47) Tetrachloroethene	8.555	164	577	0.09	ug/L #	83
48) 2-Hexanone	8.642	43	13668	2.91	ug/L #	69
49) Dibromochloromethane	8.558	129	551	0.07	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	4865	0.74	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 06:32:40 2021
Response via : Initial Calibration

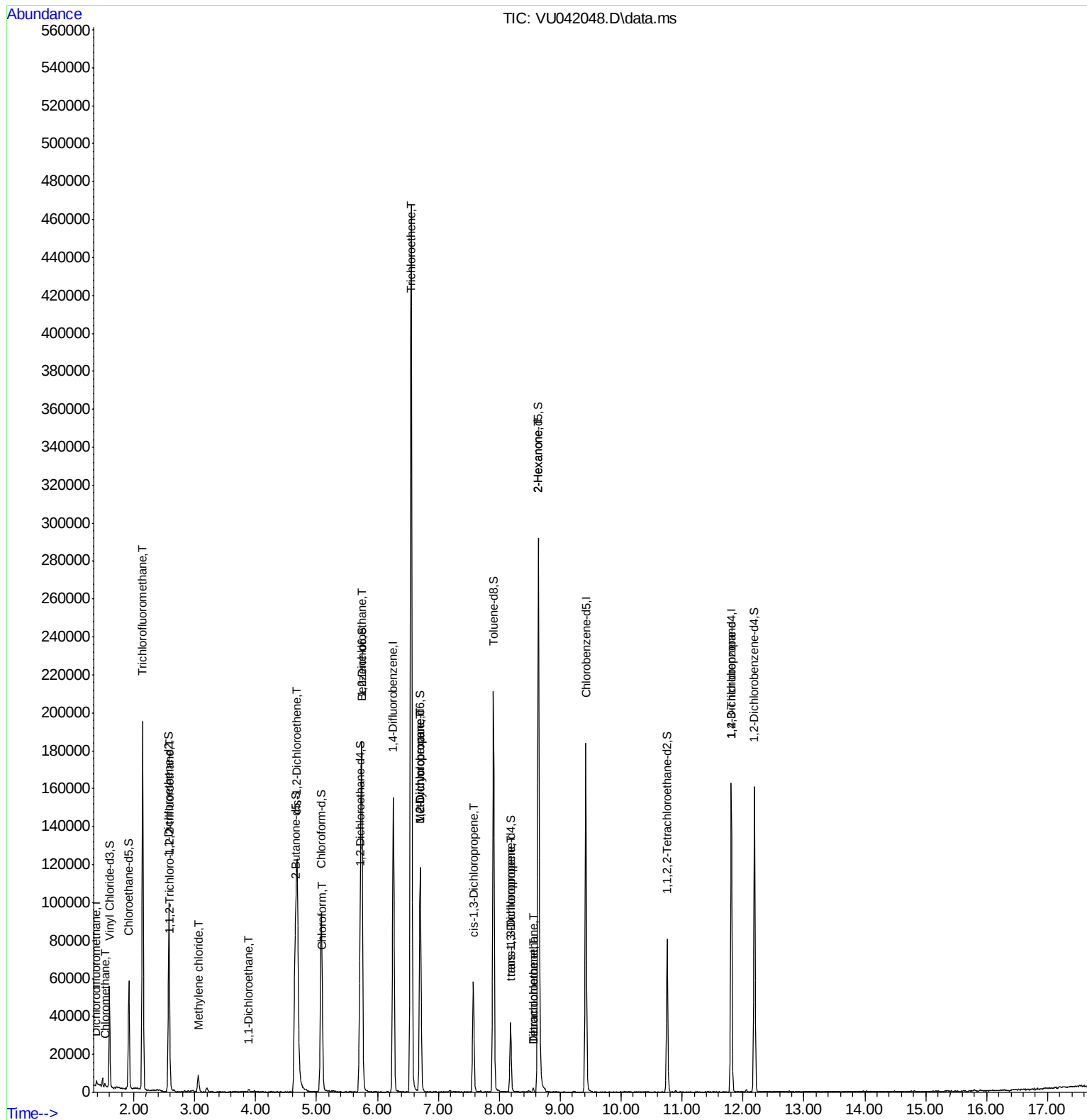
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

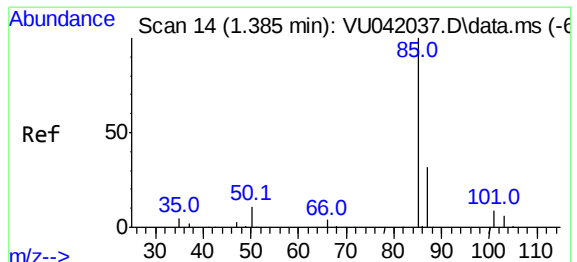
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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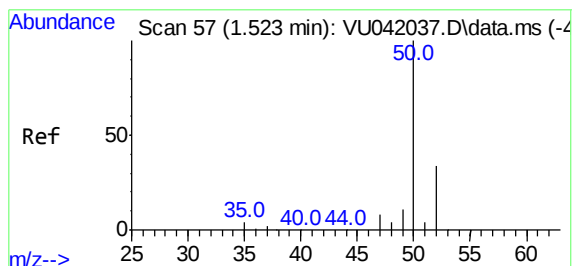
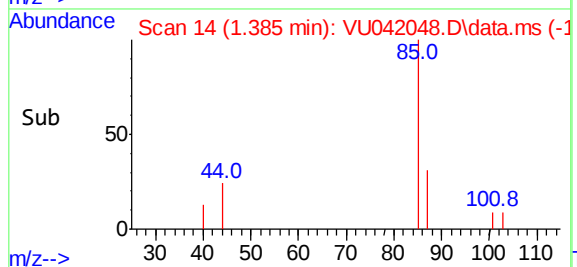
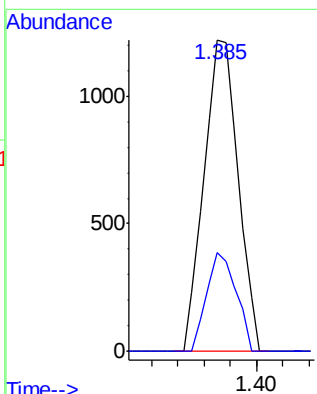
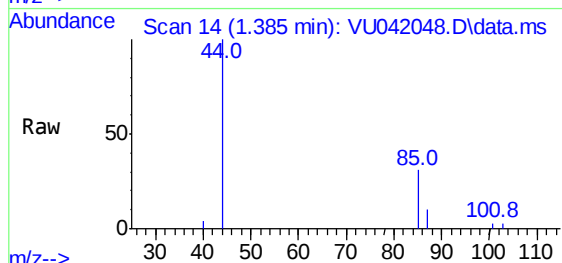




#2
Dichlorodifluoromethane
Concen: 0.09 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

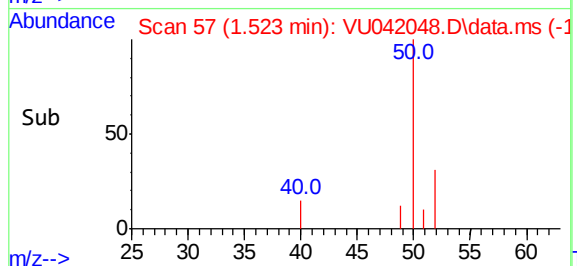
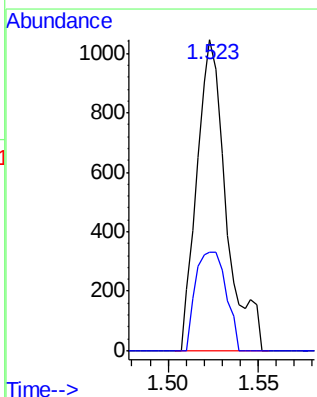
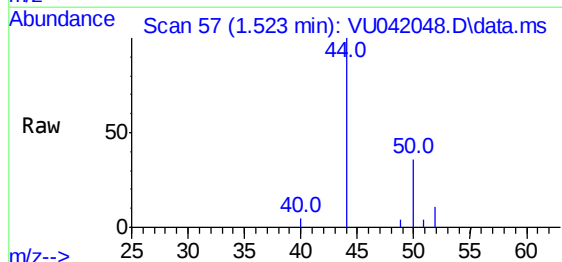
Instrument :
MSVOA_U
ClientSampled :
BFXM9DL

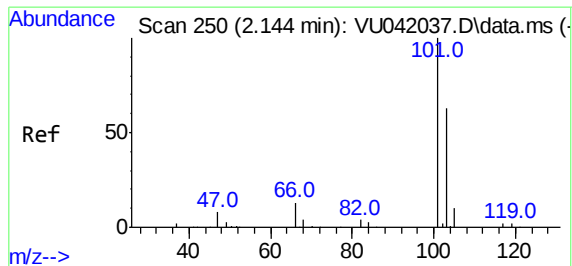
Tgt Ion: 85 Resp: 1101
Ion Ratio Lower Upper
85 100
87 27.2 25.7 38.5



#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 50 Resp: 1169
Ion Ratio Lower Upper
50 100
52 31.5 23.5 43.7

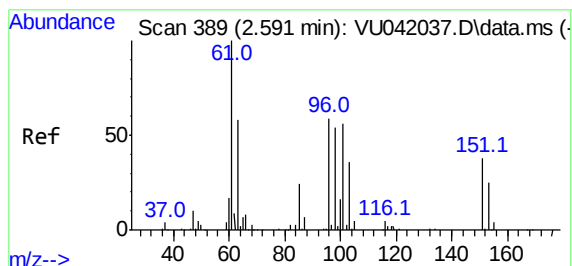
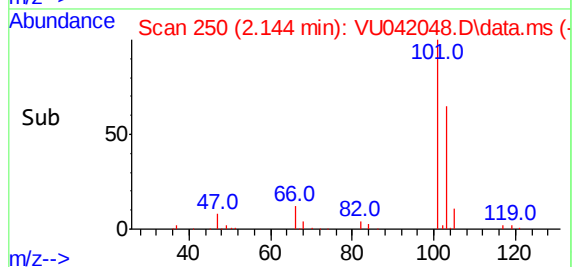
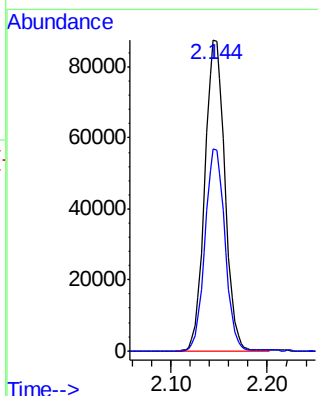
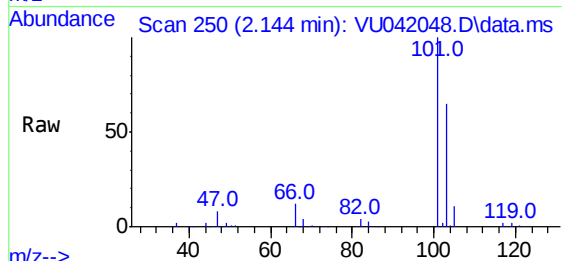




#9
Trichlorofluoromethane
Concen: 6.60 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

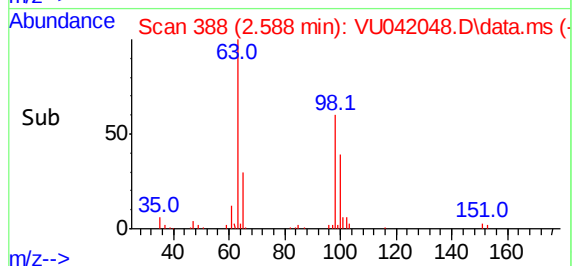
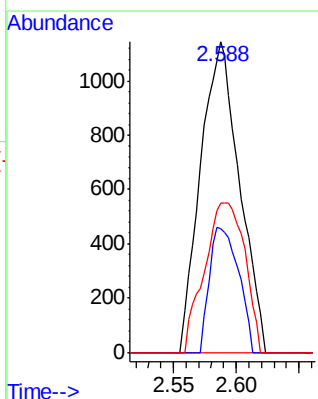
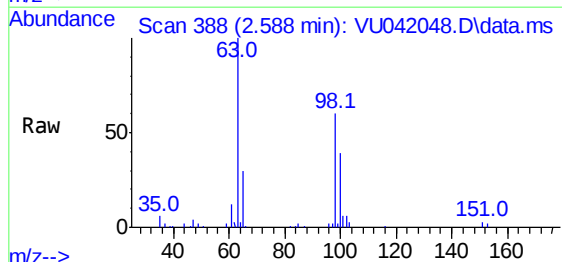
Instrument :
MSVOA_U
ClientSampleId :
BFXM9DL

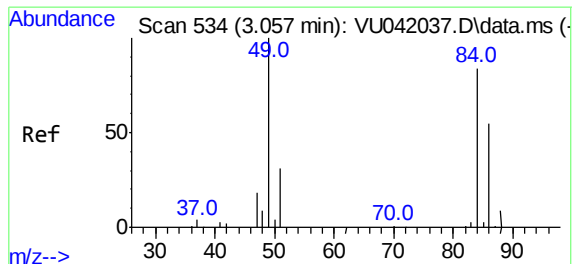
Tgt Ion:101 Resp: 125350
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.24 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion:101 Resp: 2463
Ion Ratio Lower Upper
101 100
85 30.0 35.9 53.9#
151 50.3 55.4 83.2#

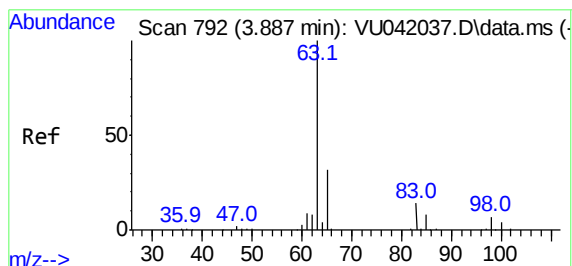
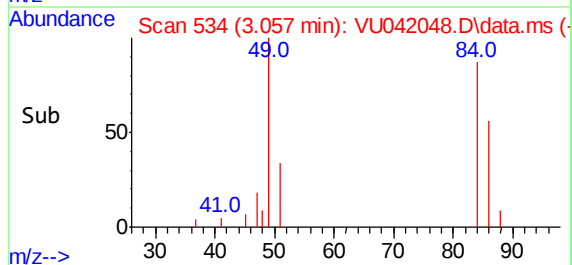
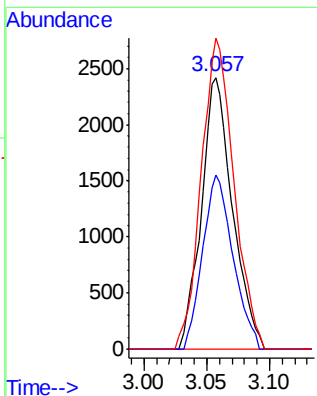
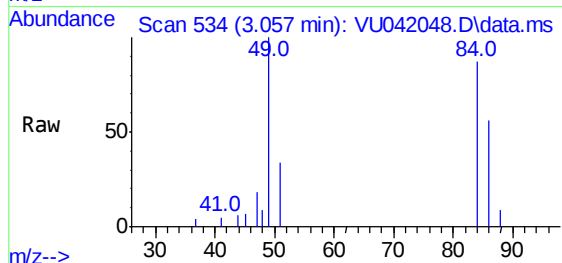




#16
Methylene chloride
Concen: 0.36 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

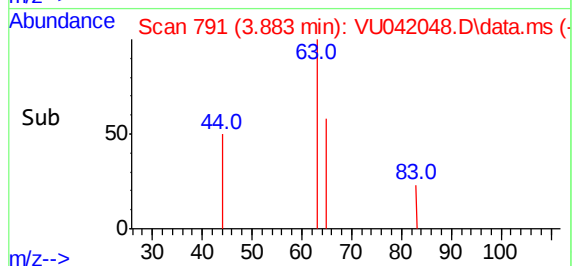
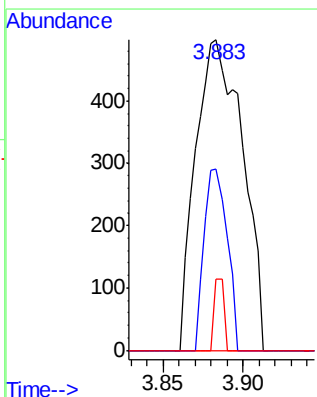
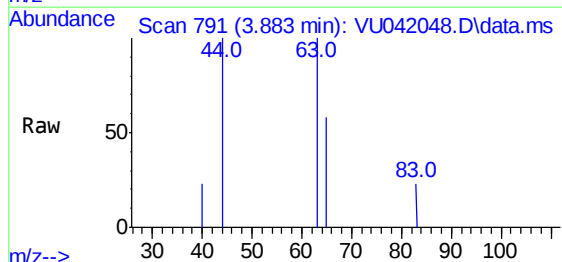
Instrument :
MSVOA_U
ClientSampled :
BFXM9DL

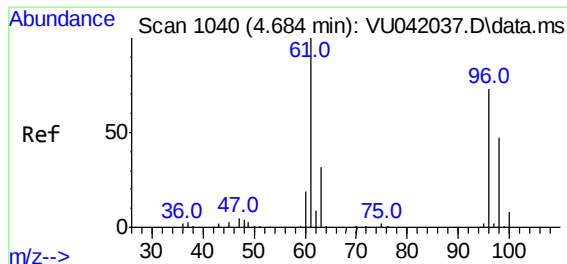
Tgt Ion: 84 Resp: 4179
Ion Ratio Lower Upper
84 100
86 63.8 42.6 79.0
49 114.5 86.2 160.0



#19
1,1-Dichloroethane
Concen: 0.05 ug/L
RT: 3.883 min Scan# 791
Delta R.T. -0.003 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 63 Resp: 994
Ion Ratio Lower Upper
63 100
65 58.2 22.7 42.1#
83 22.9 9.4 17.6#



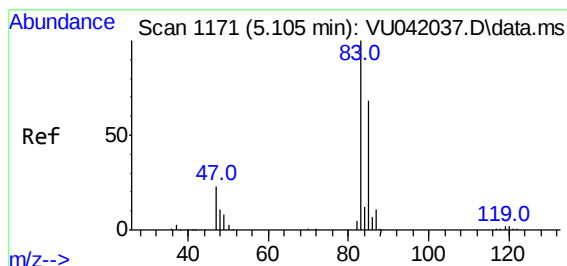
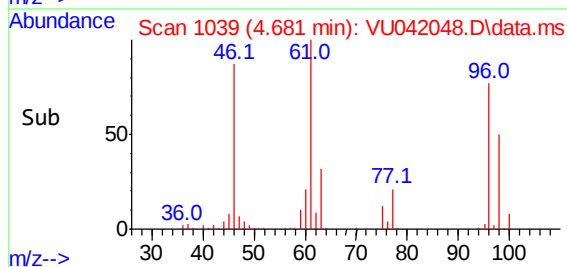
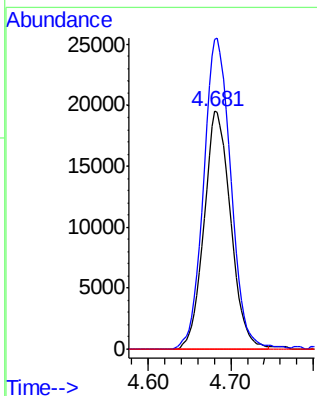
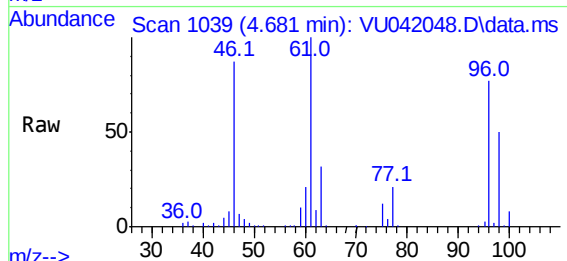


#22
 cis-1,2-Dichloroethene
 Concen: 4.09 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. -0.003 min
 Lab File: VU042048.D
 Acq: 14 Jan 2021 22:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM9DL

Tgt Ion: 96 Resp: 43285

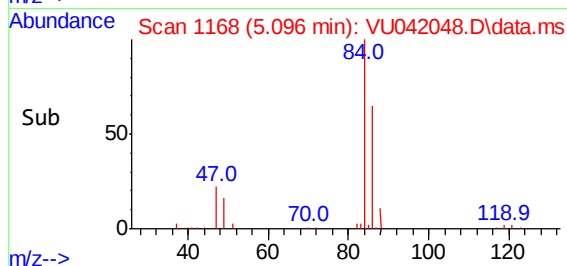
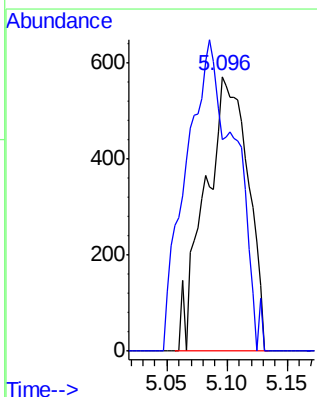
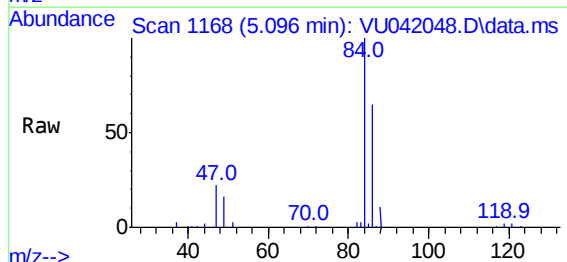
Ion	Ratio	Lower	Upper
96	100		
61	130.5	100.3	186.3
68	0.0	0.0	0.0

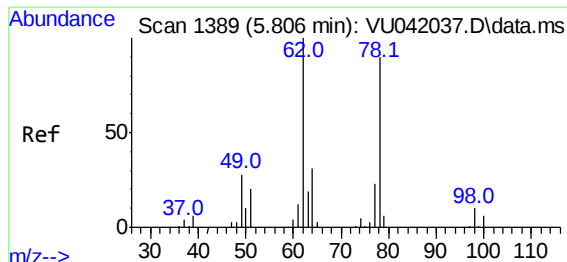


#25
 Chloroform
 Concen: 0.07 ug/L
 RT: 5.096 min Scan# 1168
 Delta R.T. -0.010 min
 Lab File: VU042048.D
 Acq: 14 Jan 2021 22:00

Tgt Ion: 83 Resp: 1395

Ion	Ratio	Lower	Upper
83	100		
85	76.7	46.1	85.7

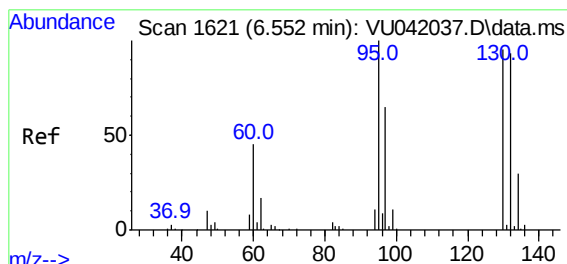
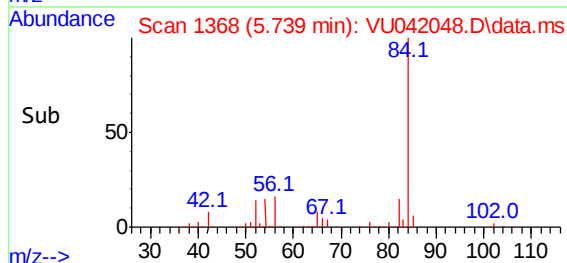
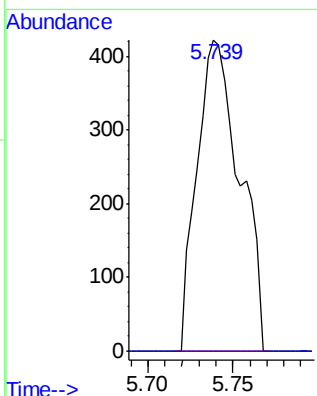
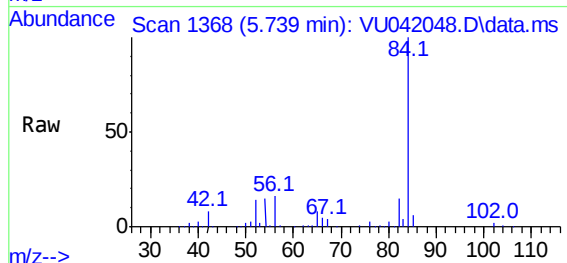




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

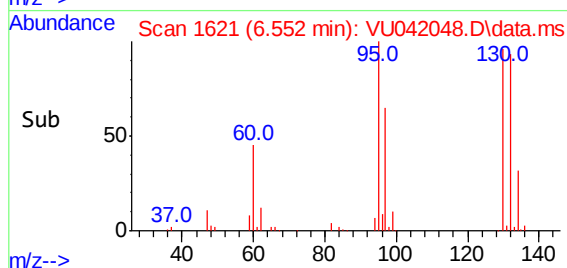
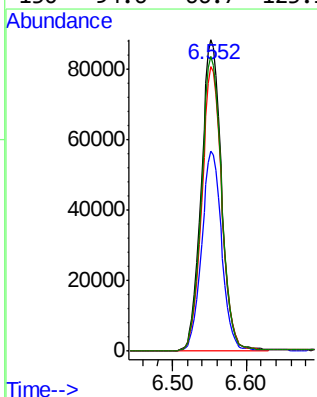
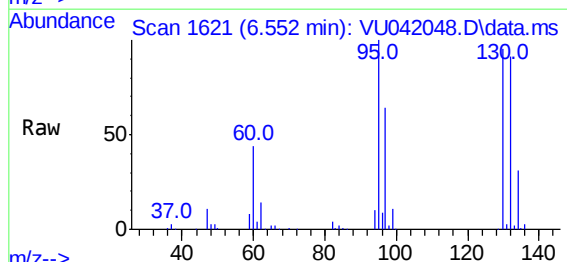
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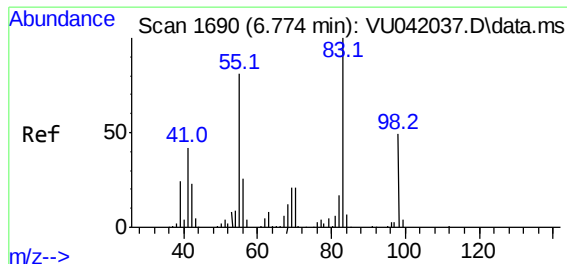
Tgt Ion: 62 Resp: 741
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 17.17 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 95 Resp: 166240
Ion Ratio Lower Upper
95 100
97 64.0 43.6 81.0
132 91.3 64.3 119.3
130 94.6 66.7 123.9

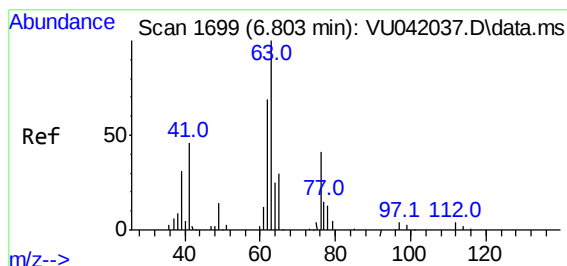
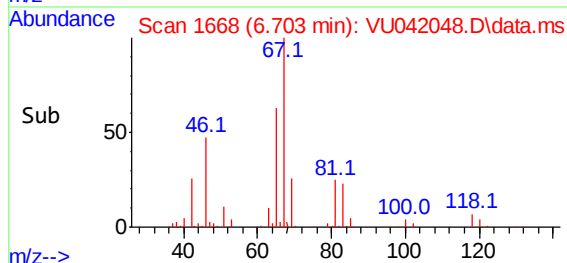
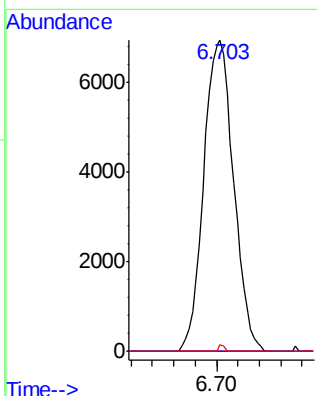
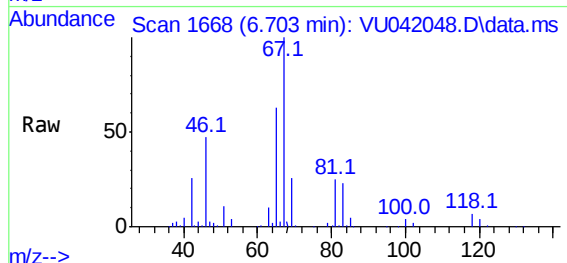




#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

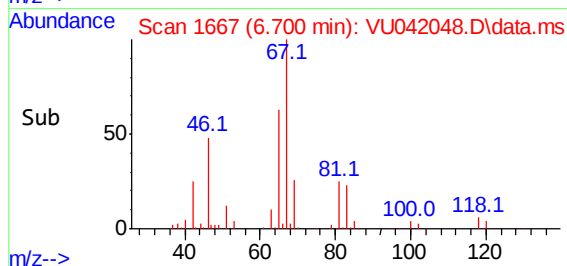
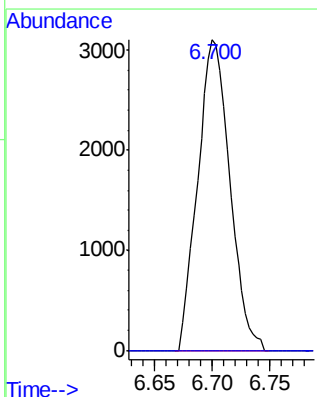
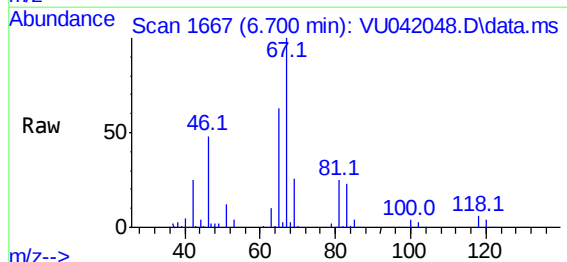
Instrument :
MSVOA_U
ClientSampled :
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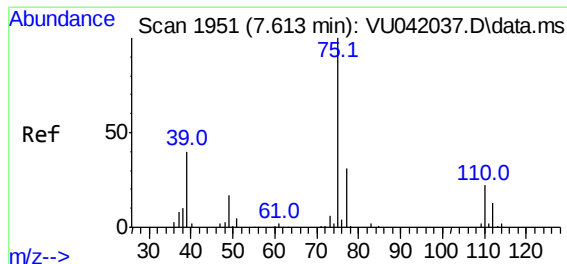
Tgt Ion: 83 Resp: 13347
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 63 Resp: 5990
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

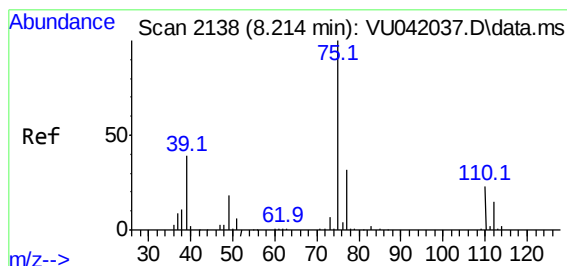
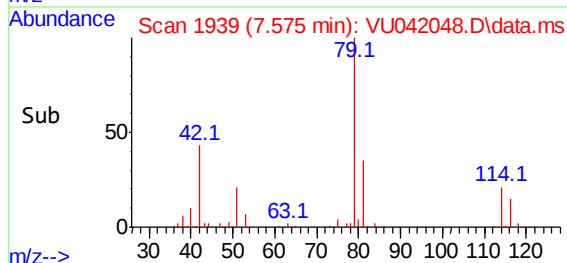
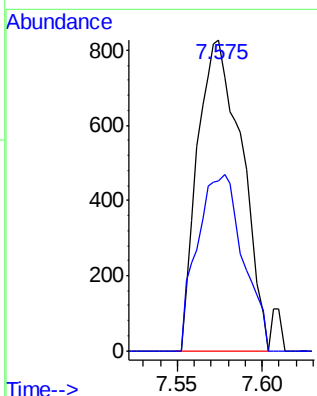
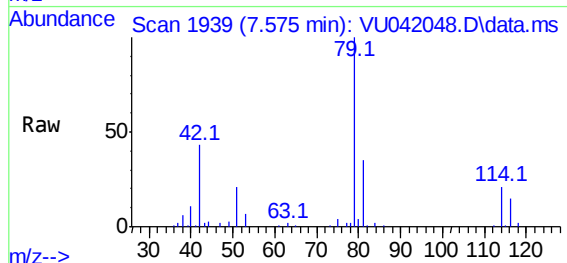




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

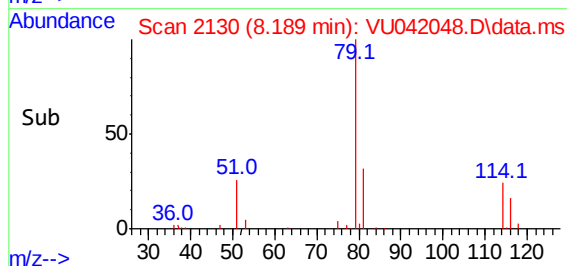
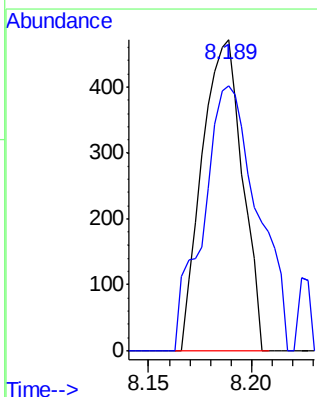
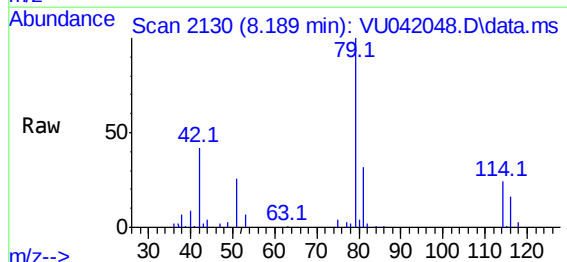
Instrument :
MSVOA_U
ClientSampleId :
BFXM9DL

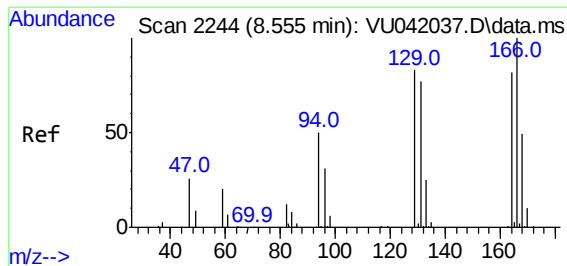
Tgt Ion: 75 Resp: 1493
Ion Ratio Lower Upper
75 100
77 54.5 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 75 Resp: 641
Ion Ratio Lower Upper
75 100
77 85.4 22.0 41.0#

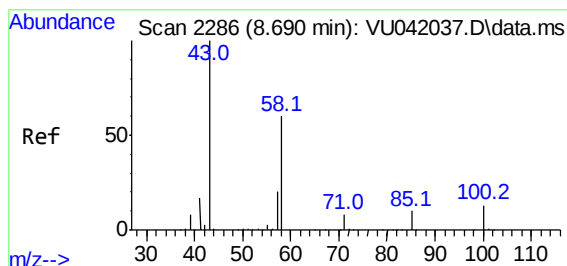
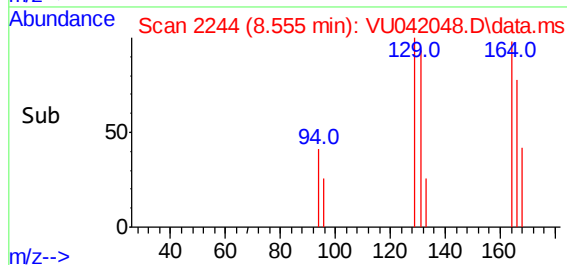
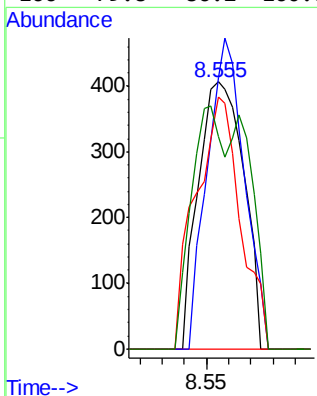
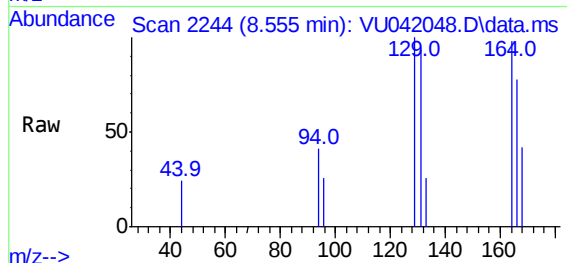




#47
Tetrachloroethene
Concen: 0.09 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

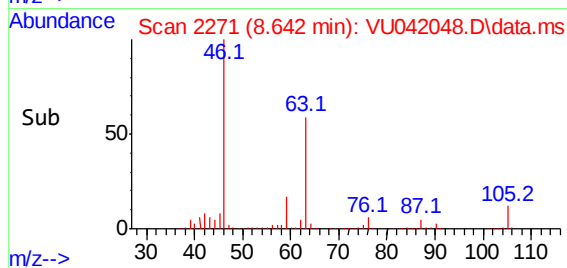
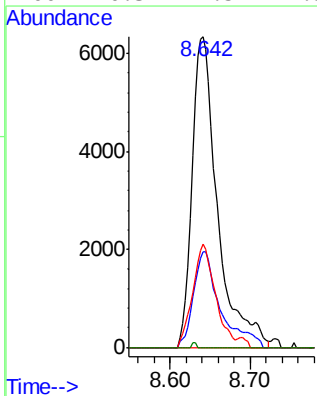
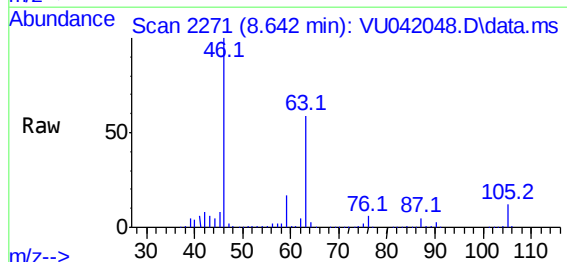
Instrument :
MSVOA_U
ClientSampleID :
BFXM9DL

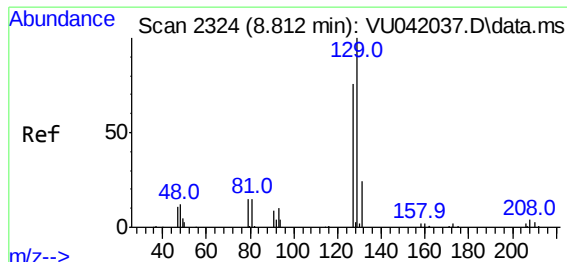
Tgt Ion:164 Resp: 577
Ion Ratio Lower Upper
164 100
129 101.7 68.7 127.5
131 94.6 65.2 121.0
166 79.8 86.2 160.0#



#48
2-Hexanone
Concen: 2.91 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 43 Resp: 13668
Ion Ratio Lower Upper
43 100
58 32.6 47.8 71.8#
57 29.6 17.4 26.0#
100 0.3 9.5 14.3#

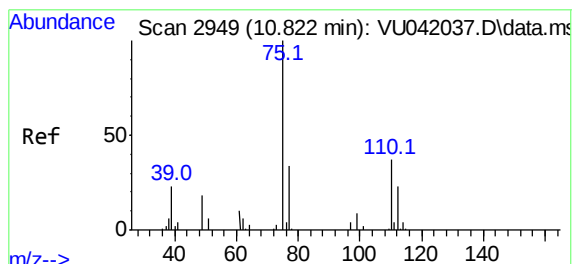
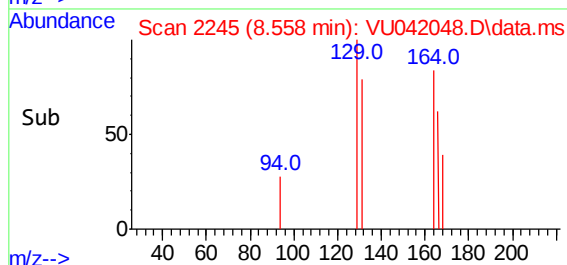
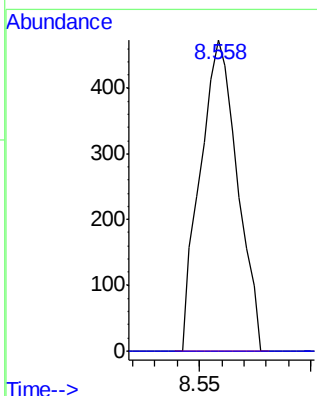
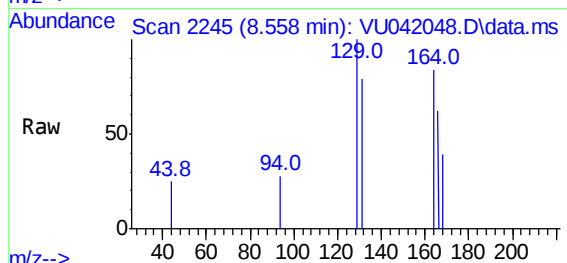




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Instrument :
MSVOA_U
ClientSampled :
BFXM9DL

Tgt Ion:129 Resp: 551
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.74 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU042048.D
Acq: 14 Jan 2021 22:00

Tgt Ion: 75 Resp: 4865
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4

