

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042045.D
 Acq On : 14 Jan 2021 20:48
 Operator : SY/MD
 Sample : M1065-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP3

Quant Time: Jan 15 06:36:08 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	129538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46667	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35607	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.919	69	37614	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.575	63	57302	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.655	46	146698	44.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.44%
24) Chloroform-d	5.079	84	83988	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.716	65	46364	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.742	84	158969	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	55755	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.902	98	128042	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloroprop...	8.185	79	21086	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.642	63	113996	46.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	45933	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	47094	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6527	0.55	ug/L	100
3) Chloromethane	1.520	50	1306	0.09	ug/L	91
9) Trichlorofluoromethane	2.144	101	3786	0.20	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1578	0.15	ug/L #	67
12) 1,1-Dichloroethene	2.588	96	3868	0.38	ug/L #	1
13) Acetone	2.661	43	1646	0.80	ug/L	74
19) 1,1-Dichloroethane	3.887	63	7880	0.39	ug/L	97
22) cis-1,2-Dichloroethene	4.687	96	5627	0.52	ug/L	96
25) Chloroform	5.102	83	6803	0.34	ug/L	95
34) Trichloroethene	6.552	95	71640	6.92	ug/L	98
35) Methylcyclohexane	6.700	83	12364	0.75	ug/L #	16
39) cis-1,3-Dichloropropene	7.571	75	1158	0.07	ug/L #	34
44) trans-1,3-Dichloropropene	8.185	75	728	0.05	ug/L #	75
47) Tetrachloroethene	8.555	164	29531	4.40	ug/L	92
48) 2-Hexanone	8.642	43	12626	2.52	ug/L #	65
49) Dibromochloromethane	8.558	129	31116	3.76	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5688	0.80	ug/L	92

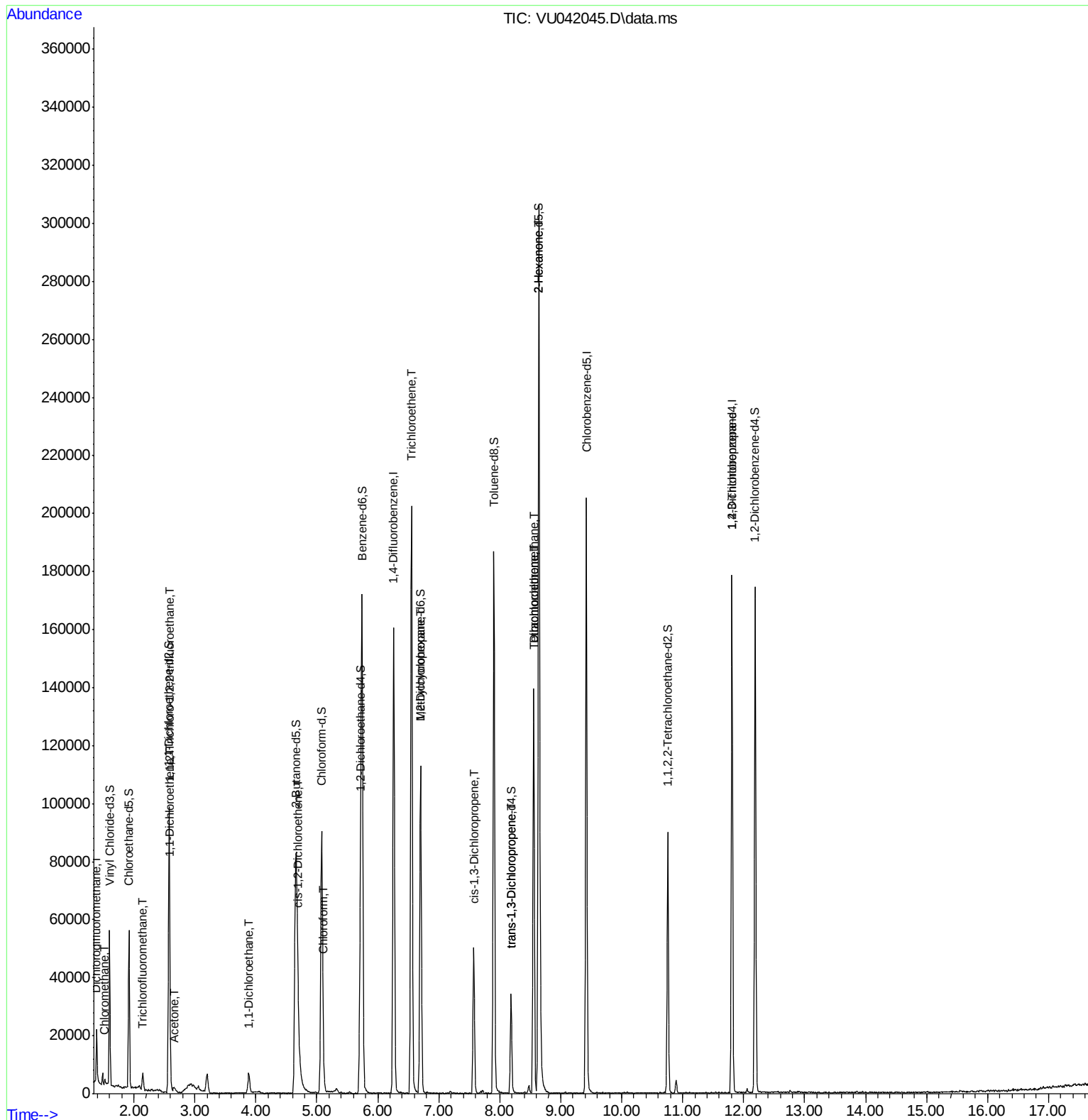
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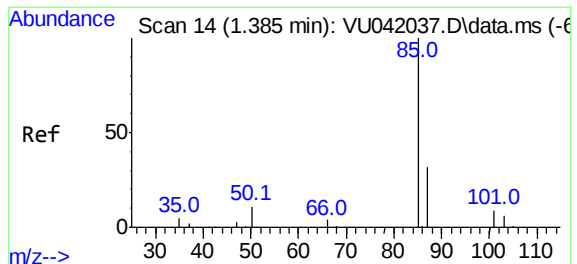
Instrument :
MSVOA_U
ClientSampleId :
BFXP3

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042045.D
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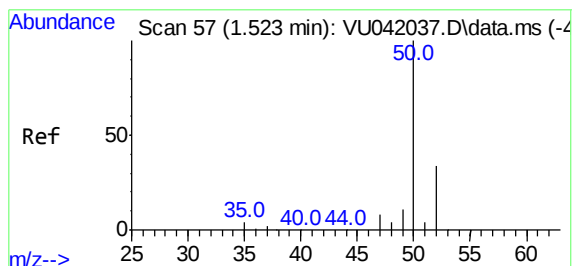
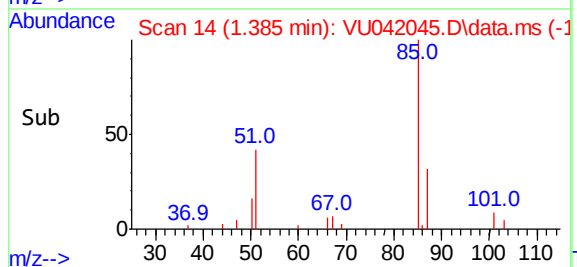
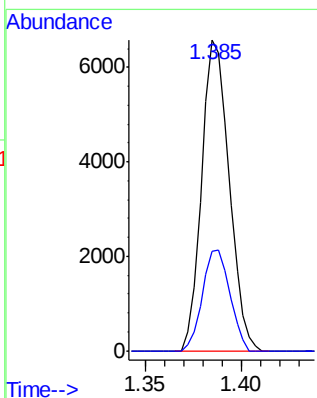
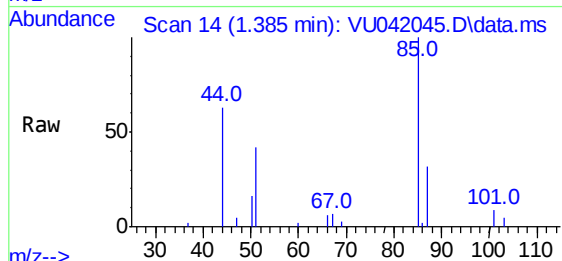




#2
Dichlorodifluoromethane
Concen: 0.55 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

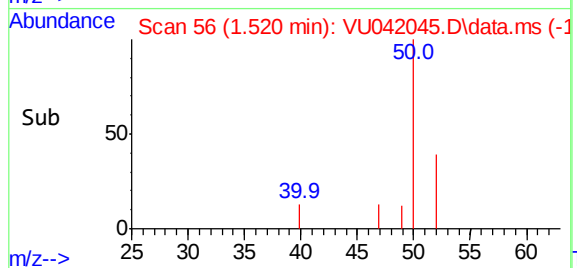
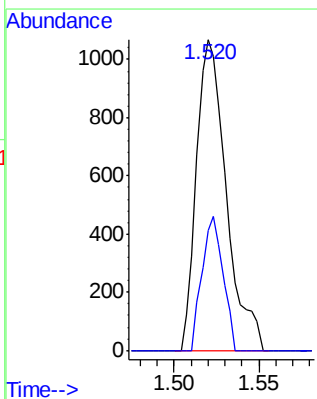
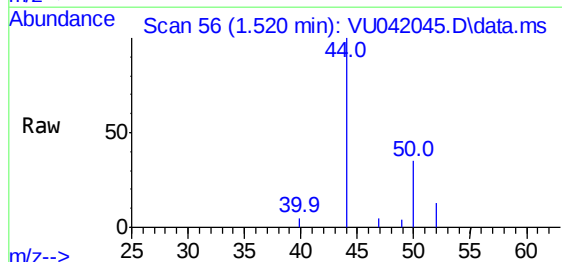
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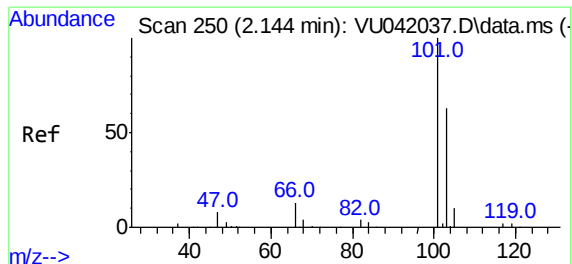
Tgt Ion: 85 Resp: 6527
Ion Ratio Lower Upper
85 100
87 32.2 25.7 38.5



#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion: 50 Resp: 1306
Ion Ratio Lower Upper
50 100
52 38.6 23.5 43.7

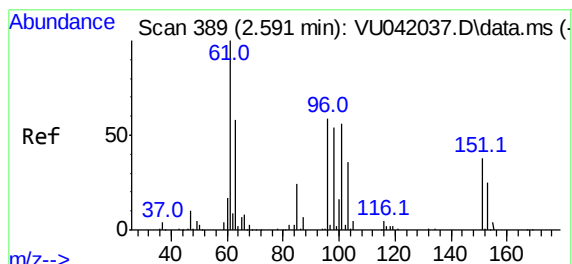
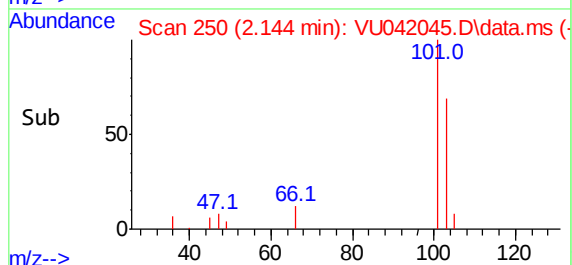
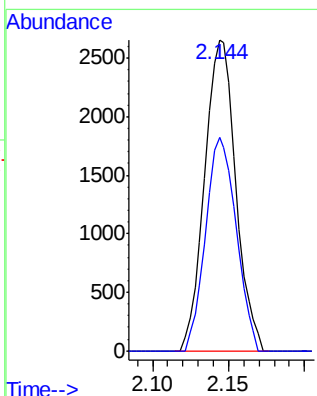
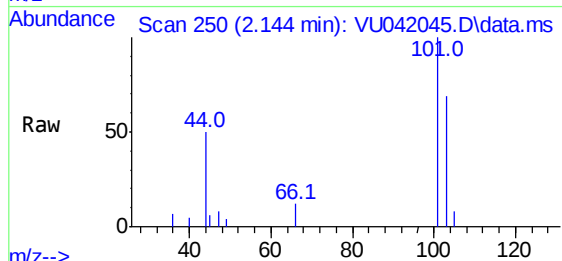




#9
Trichlorofluoromethane
Concen: 0.20 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

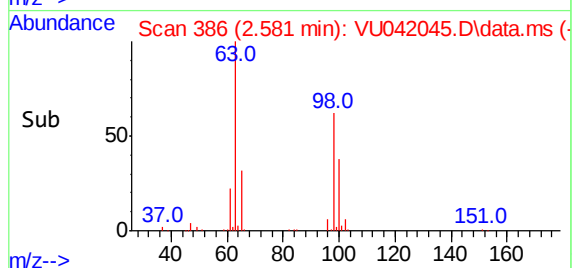
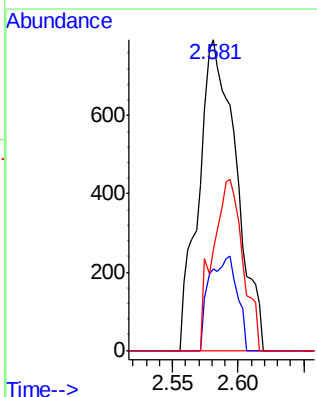
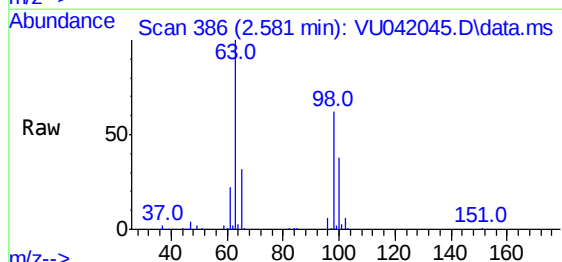
Instrument :
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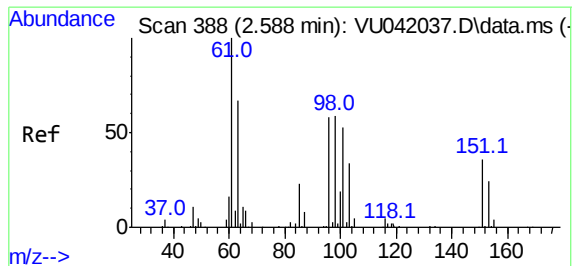
Tgt Ion:101 Resp: 3786
Ion Ratio Lower Upper
101 100
103 67.3 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.15 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion:101 Resp: 1578
Ion Ratio Lower Upper
101 100
85 22.5 35.9 53.9#
151 43.7 55.4 83.2#

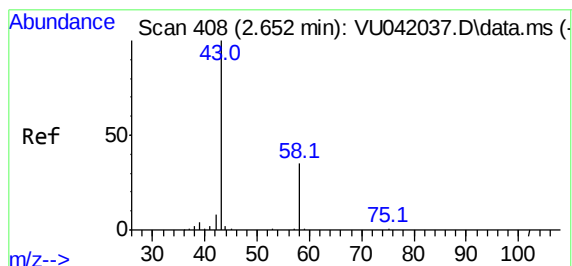
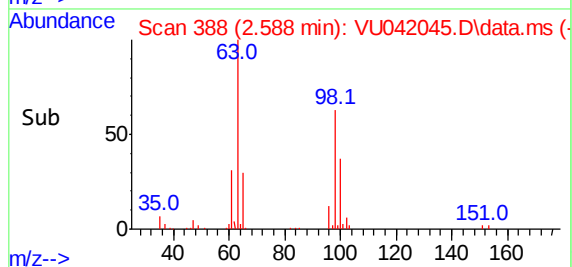
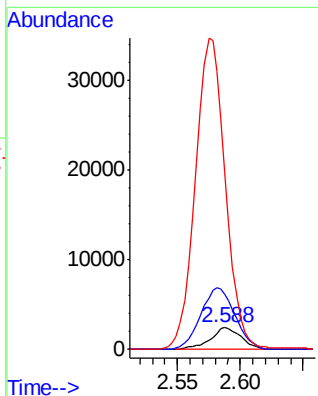
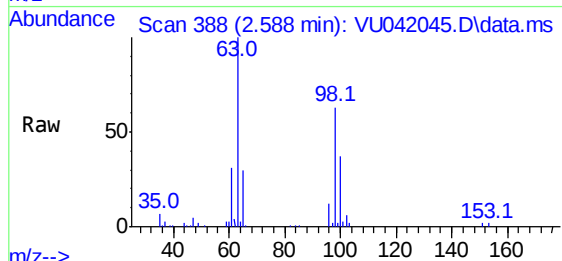




#12
1,1-Dichloroethene
Concen: 0.38 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

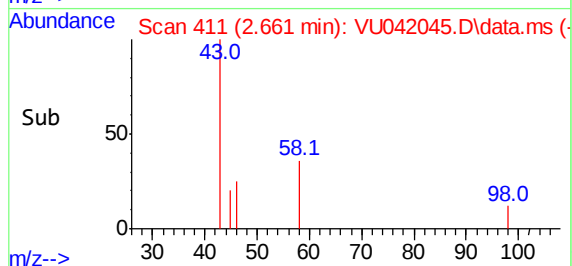
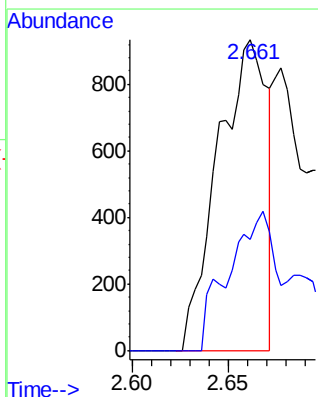
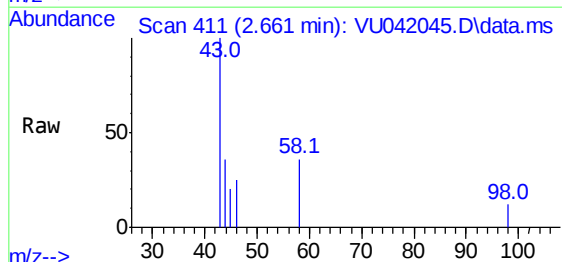
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ClientSampleId :
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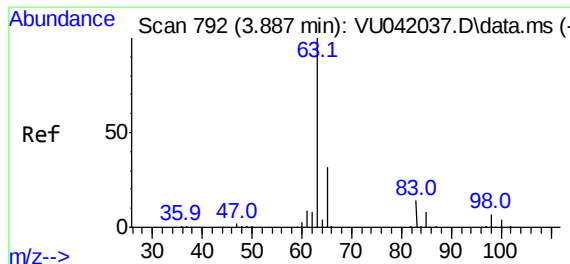
Tgt Ion: 96 Resp: 3868
Ion Ratio Lower Upper
96 100
61 261.1 122.2 226.9#
63 843.9 82.8 153.8#



#13
Acetone
Concen: 0.80 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 42.3 0.0 57.4

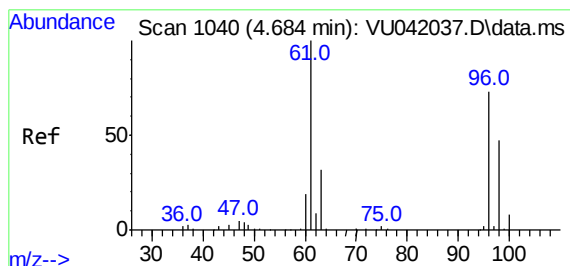
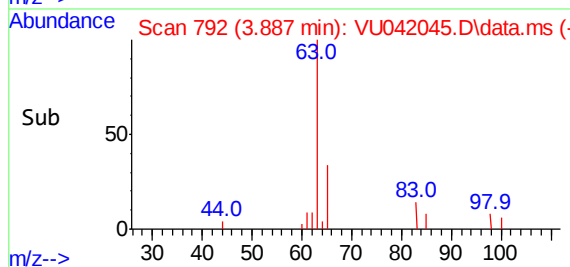
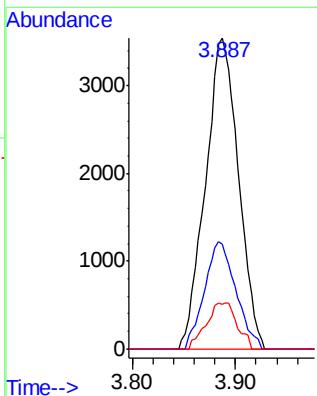
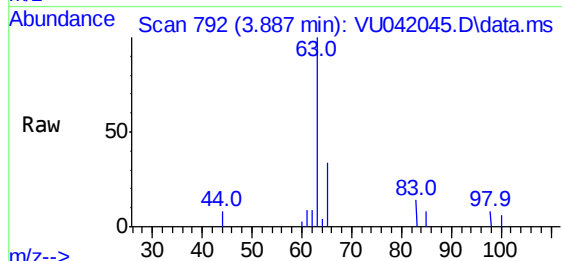




#19
1,1-Dichloroethane
Concen: 0.39 ug/L
RT: 3.887 min Scan# 792
Delta R.T. -0.000 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

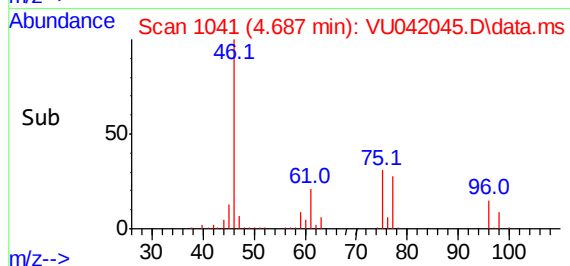
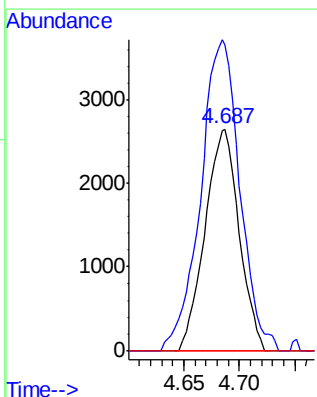
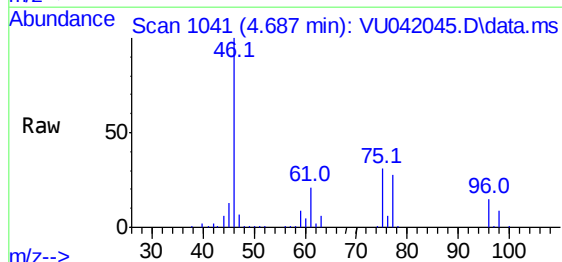
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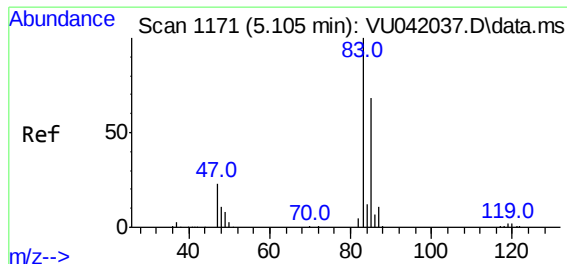
Tgt Ion: 63 Resp: 7880
Ion Ratio Lower Upper
63 100
65 33.8 22.7 42.1
83 14.5 9.4 17.6



#22
cis-1,2-Dichloroethene
Concen: 0.52 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion: 96 Resp: 5627
Ion Ratio Lower Upper
96 100
61 138.1 100.3 186.3
68 0.0 0.0 0.0

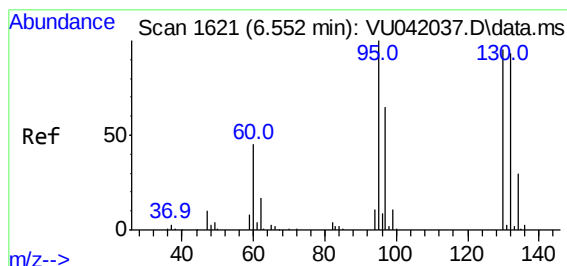
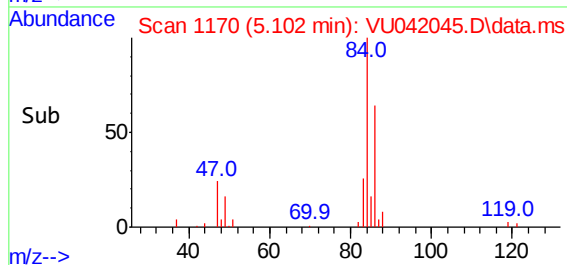
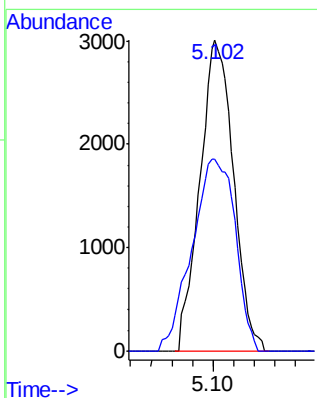
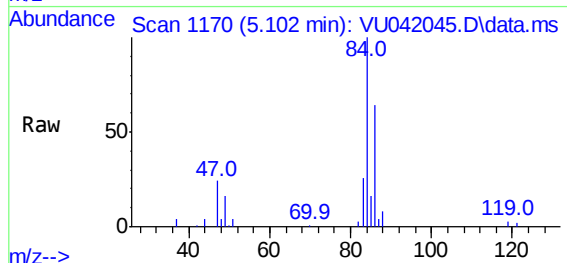




#25
Chloroform
Concen: 0.34 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

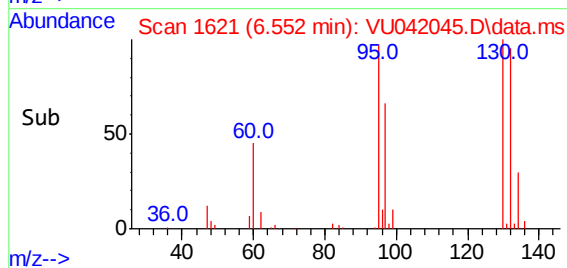
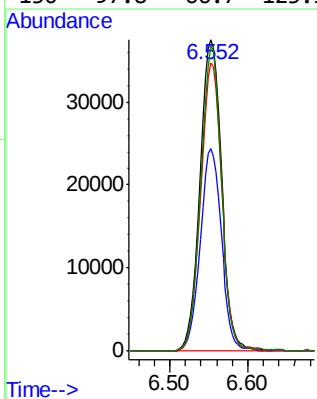
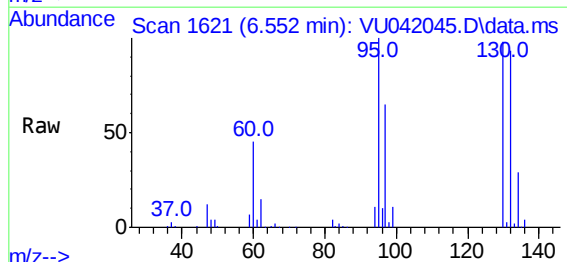
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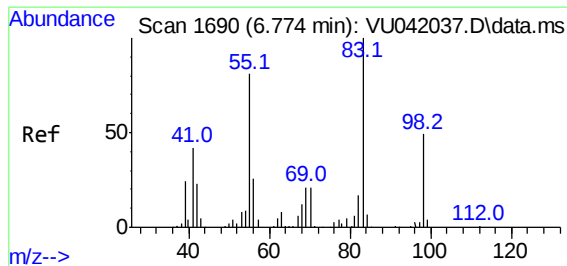
Tgt Ion: 83 Resp: 6803
Ion Ratio Lower Upper
83 100
85 61.7 46.1 85.7



#34
Trichloroethene
Concen: 6.92 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion: 95 Resp: 71640
Ion Ratio Lower Upper
95 100
97 64.9 43.6 81.0
132 92.6 64.3 119.3
130 97.8 66.7 123.9

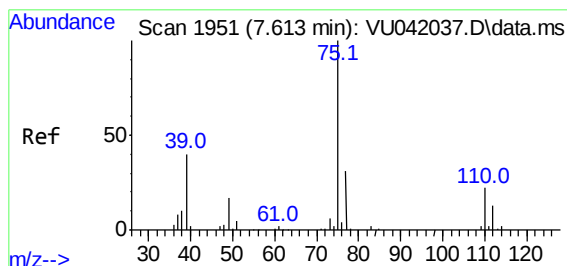
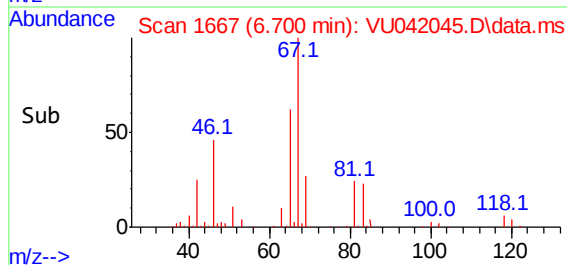
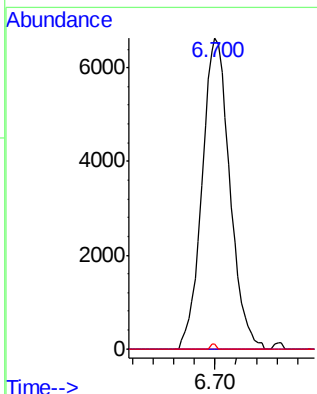
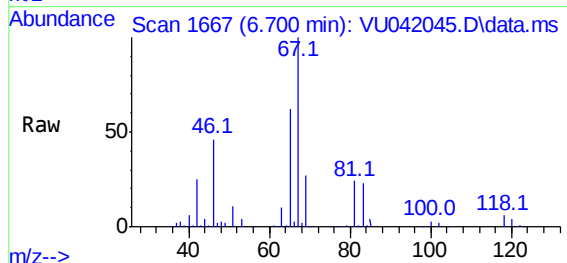




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

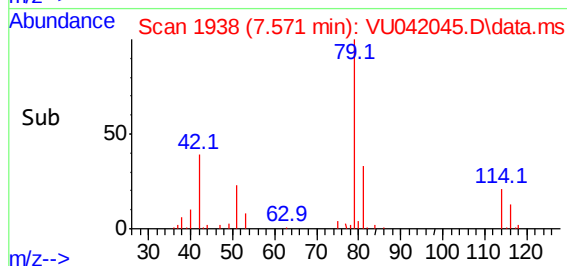
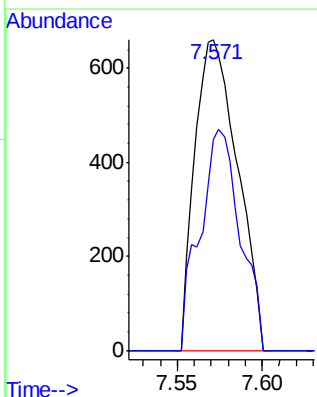
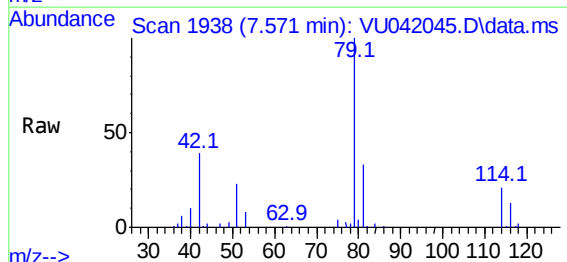
Instrument :
MSVOA_U
ClientSampled :
BFXP3

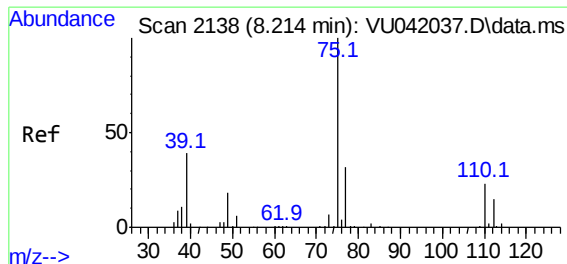
Tgt Ion: 83 Resp: 12364
Ion Ratio Lower Upper
83 100
55 0.2 66.8 100.2#
98 0.5 35.7 53.5#



#39
cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion: 75 Resp: 1158
Ion Ratio Lower Upper
75 100
77 67.8 21.9 40.7#

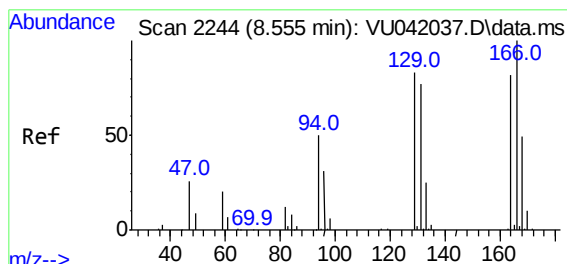
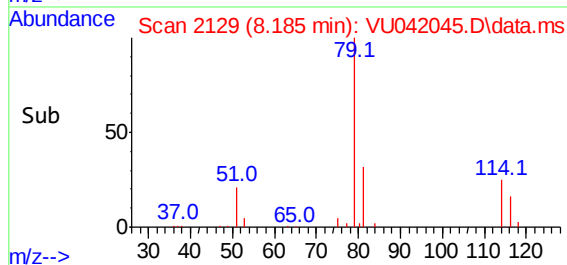
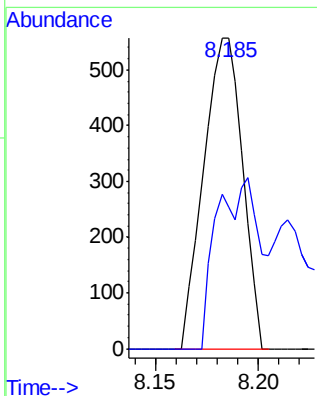
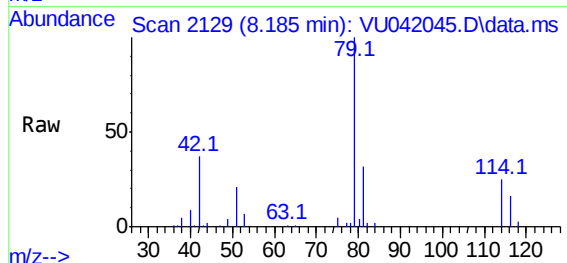




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

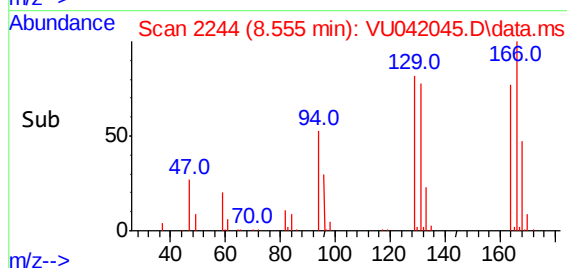
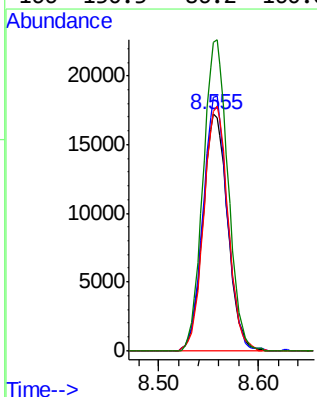
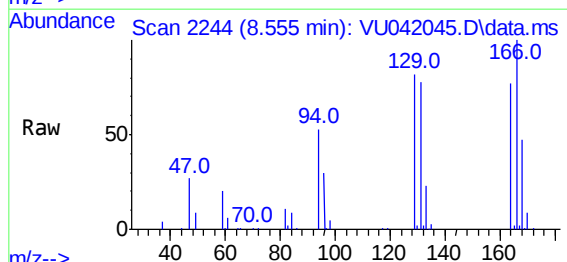
Instrument :
MSVOA_U
ClientSampled :
BFXP3

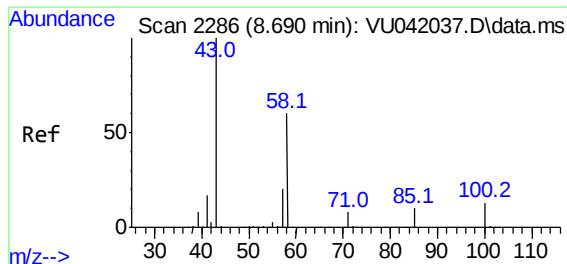
Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
77 45.4 22.0 41.0#



#47
Tetrachloroethene
Concen: 4.40 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion:164 Resp: 29531
Ion Ratio Lower Upper
164 100
129 107.1 68.7 127.5
131 101.3 65.2 121.0
166 130.3 86.2 160.0



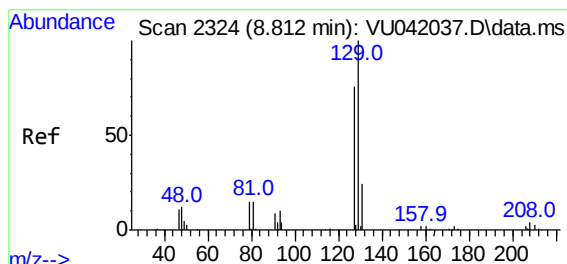
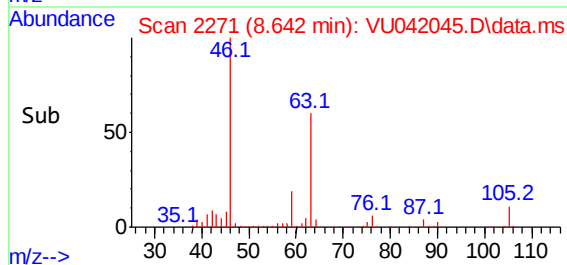
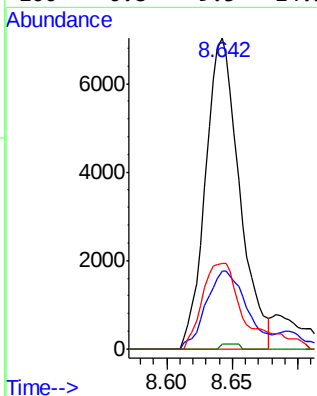
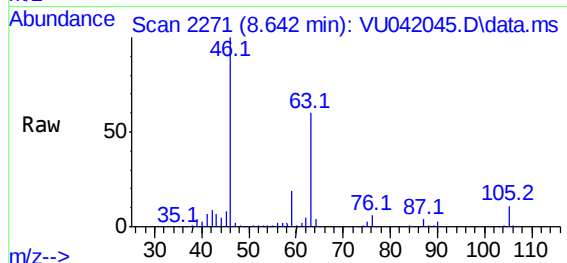


#48
2-Hexanone
Concen: 2.52 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Instrument :
MSVOA_U
ClientSampleId :
BFXP3

Tgt Ion: 43 Resp: 12626

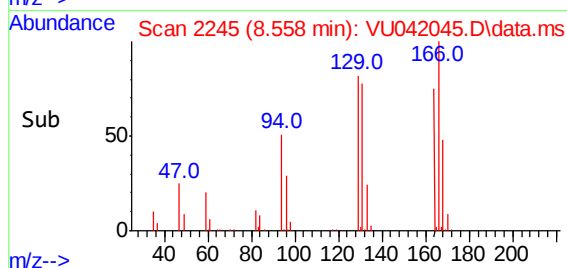
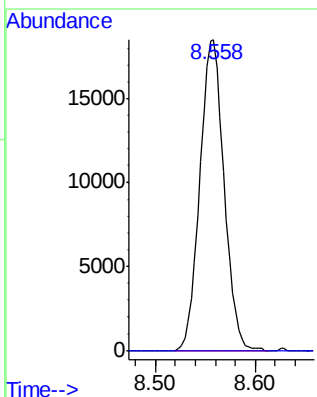
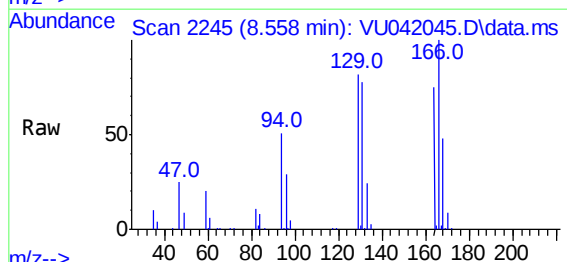
Ion	Ratio	Lower	Upper
43	100		
58	30.0	47.8	71.8#
57	34.6	17.4	26.0#
100	0.8	9.5	14.3#

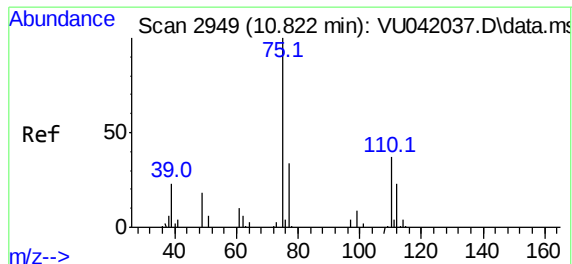


#49
Dibromochloromethane
Concen: 3.76 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042045.D
Acq: 14 Jan 2021 20:48

Tgt Ion: 129 Resp: 31116

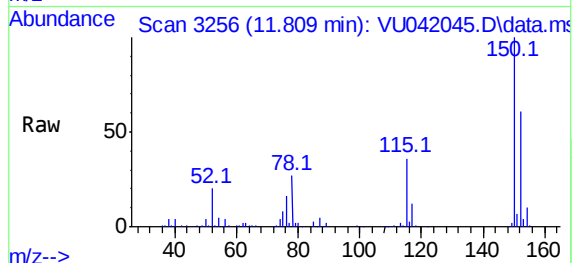
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.80 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042045.D
 Acq: 14 Jan 2021 20:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP3



Tgt Ion: 75 Resp: 5688
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.6 38.4

