

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042033.D
 Acq On : 14 Jan 2021 14:38
 Operator : SY/MD
 Sample : M1129-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT69

Quant Time: Jan 15 05:25:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

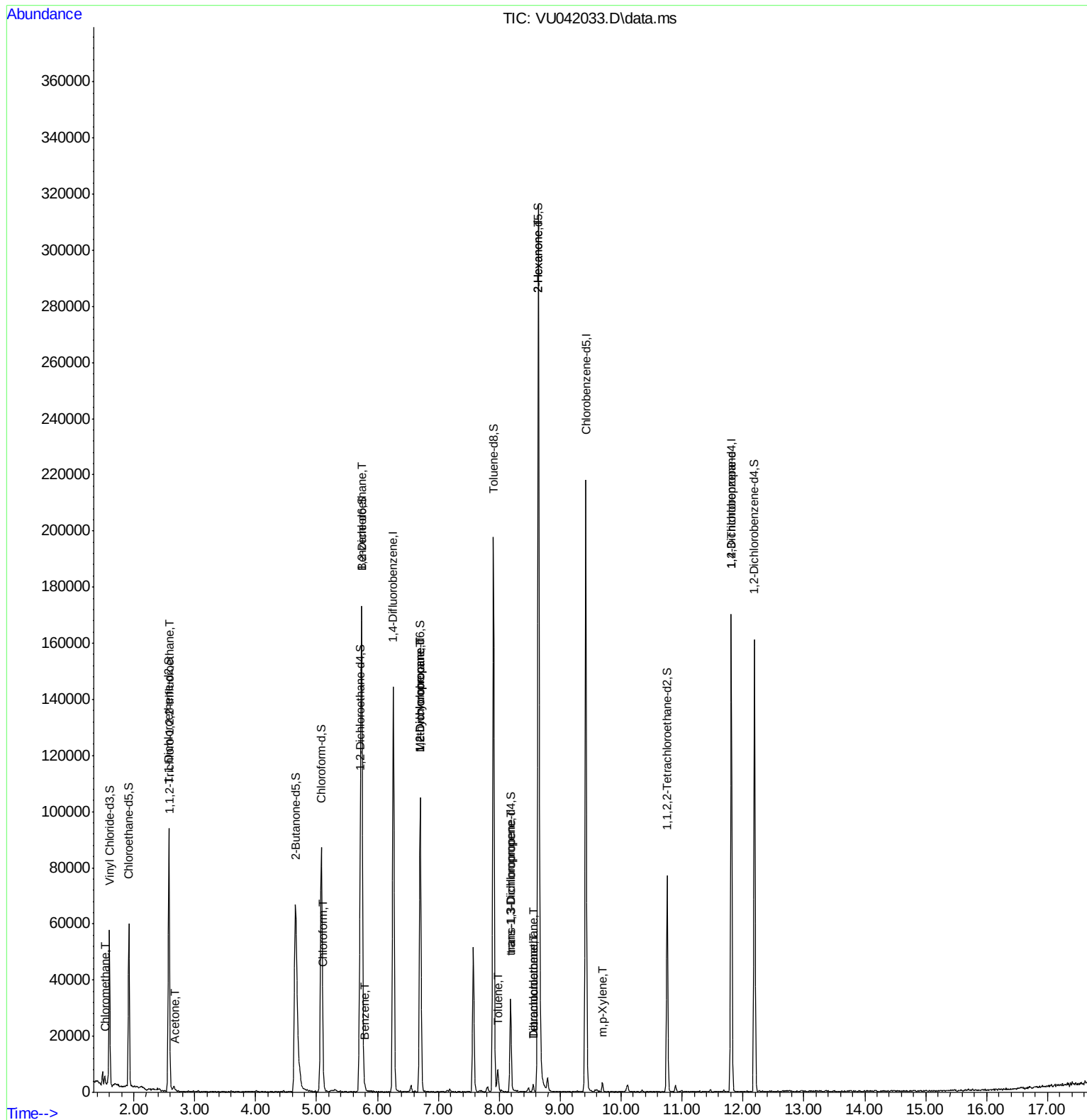
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	114044	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44823	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36597	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.919	69	40561	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.575	63	57915	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.655	46	139957	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	5.079	84	84209	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.719	65	45211	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.742	84	153972	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.703	67	50283	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.902	98	132704	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloroprop...	8.185	79	20240	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.642	63	123061	46.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.78%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	38260	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	42009	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1890	0.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	461	0.05	ug/L #	21
13) Acetone	2.674	43	1657	0.92	ug/L	76
25) Chloroform	5.102	83	2285	0.13	ug/L	83
27) 1,2-Dichloroethane	5.742	62	1042	0.09	ug/L #	75
33) Benzene	5.793	78	1076	0.02	ug/L	100
35) Methylcyclohexane	6.703	83	12259	0.70	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5620	0.49	ug/L #	90
42) Toluene	7.976	91	5689	0.12	ug/L	92
44) trans-1,3-Dichloropropene	8.182	75	810	0.05	ug/L	91
47) Tetrachloroethene	8.558	164	636	0.09	ug/L #	80
48) 2-Hexanone	8.642	43	13845	2.57	ug/L #	71
49) Dibromochloromethane	8.558	129	654	0.07	ug/L #	11
53) m,p-Xylene	9.693	106	1420	0.09	ug/L	77
59) 1,2,3-Trichloropropane	11.809	75	5314	0.70	ug/L	96

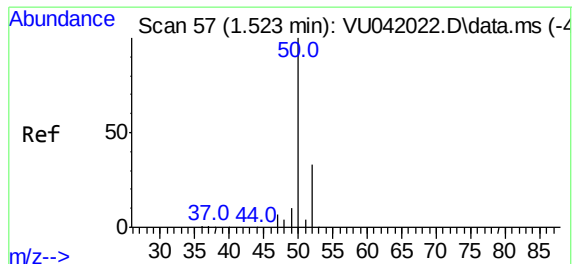
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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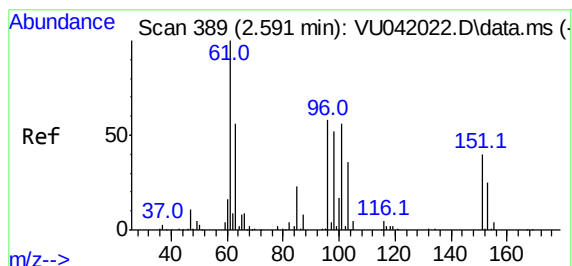
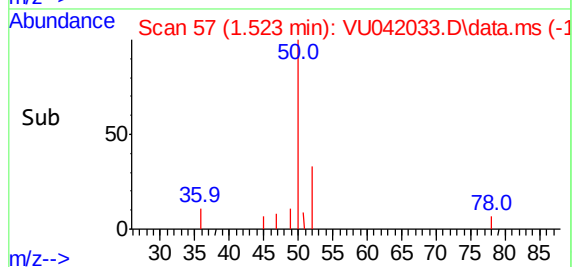
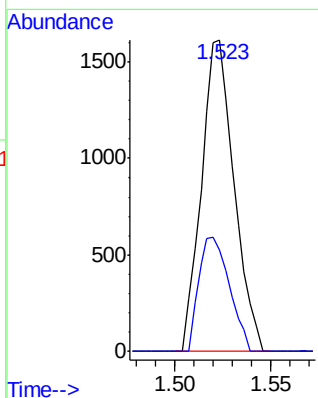
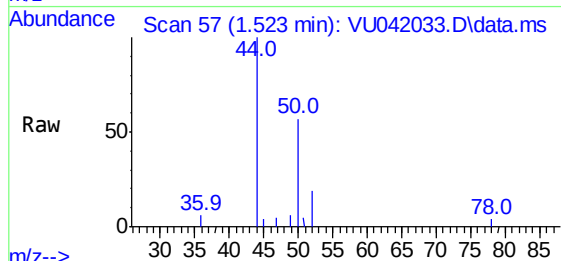




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

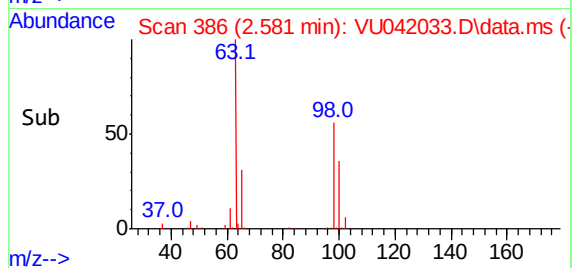
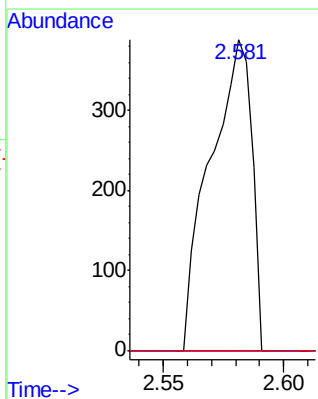
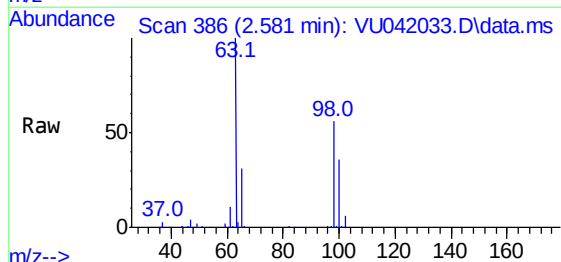
Instrument :
MSVOA_U
ClientSampleId :
BFT69

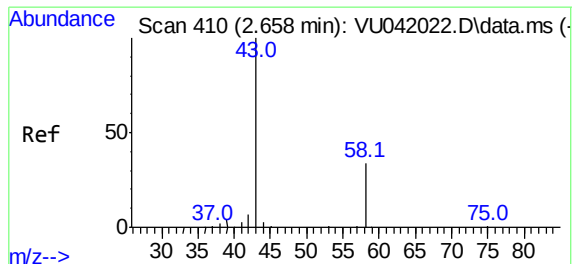
Tgt Ion: 50 Resp: 1890
Ion Ratio Lower Upper
50 100
52 32.6 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

Tgt Ion:101 Resp: 461
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

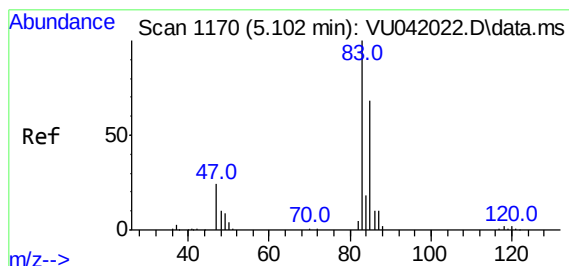
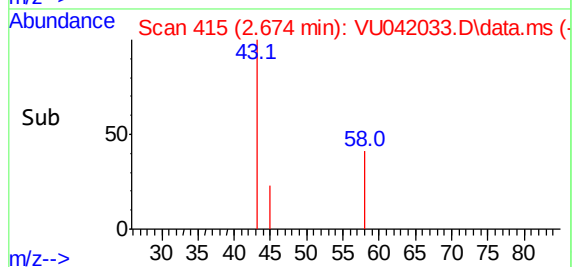
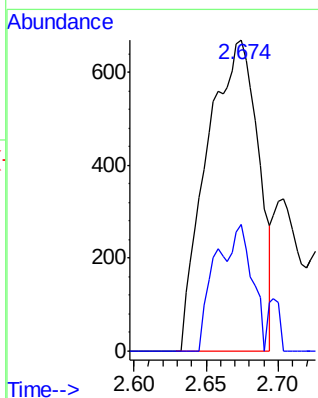
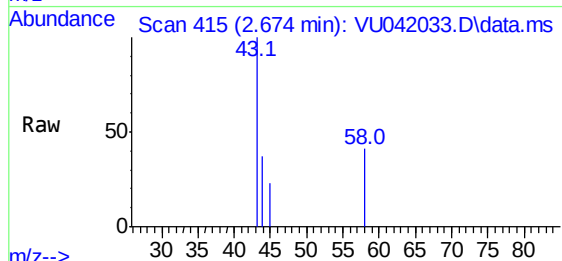




#13
Acetone
Concen: 0.92 ug/L
RT: 2.674 min Scan# 415
Delta R.T. 0.016 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

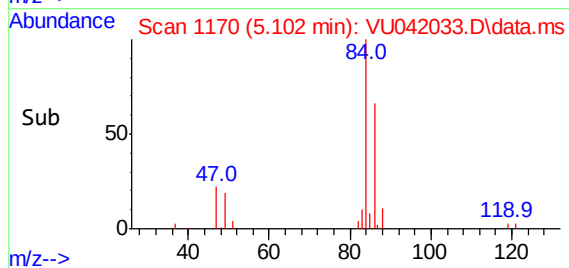
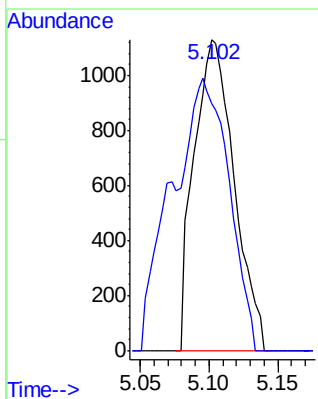
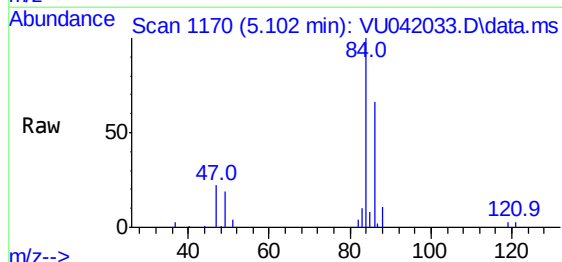
Instrument :
MSVOA_U
ClientSampled :
BFT69

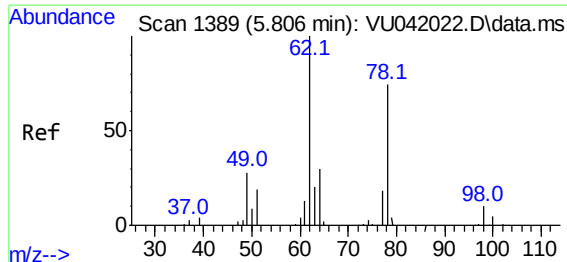
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 15.9 0.0 57.4



#25
Chloroform
Concen: 0.13 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

Tgt Ion: 83 Resp: 2285
Ion Ratio Lower Upper
83 100
85 79.3 46.1 85.7

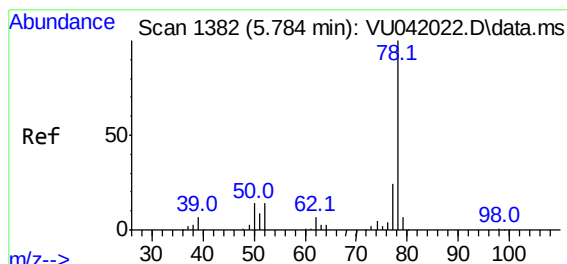
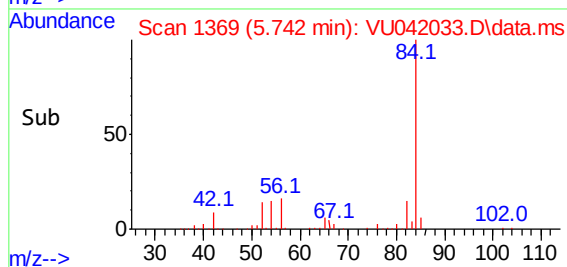
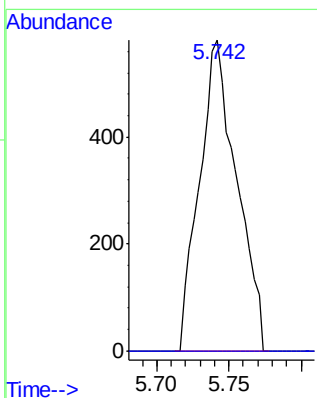
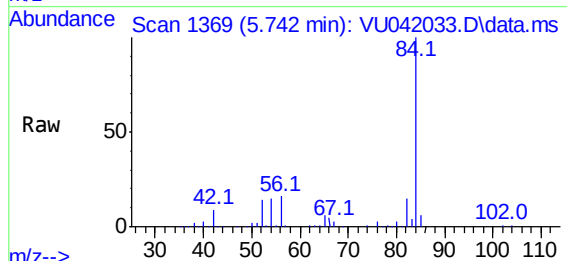




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

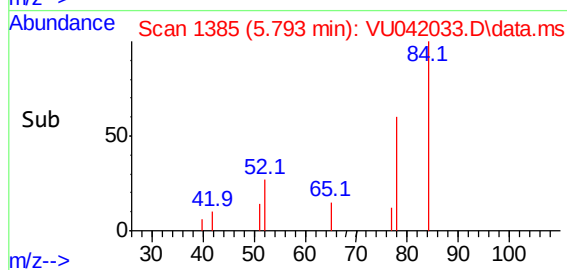
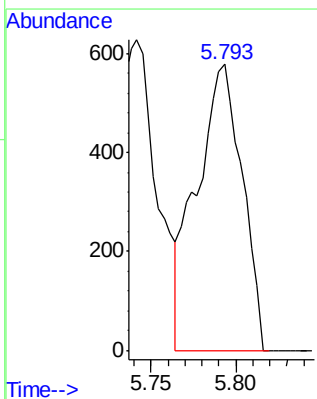
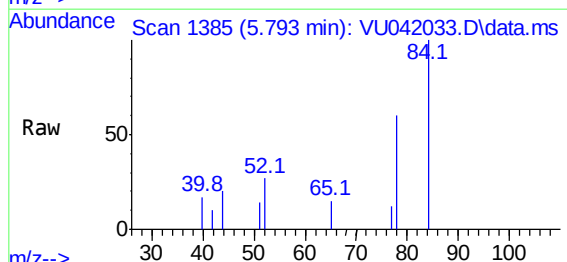
Instrument :
MSVOA_U
ClientSampleId :
BFT69

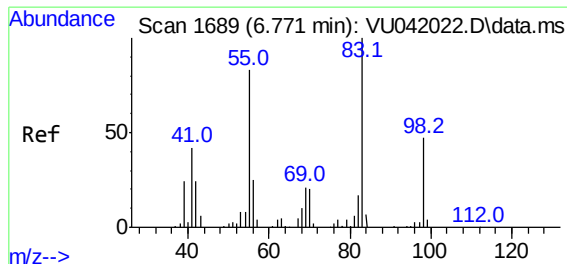
Tgt Ion: 62 Resp: 1042
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#33
Benzene
Concen: 0.02 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.010 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

Tgt Ion: 78 Resp: 1076

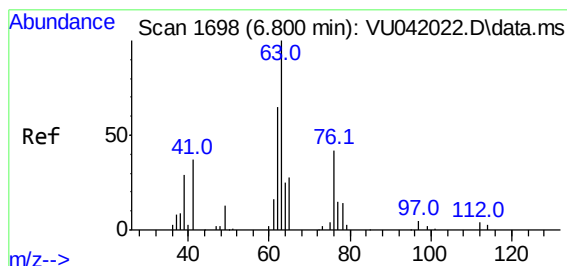
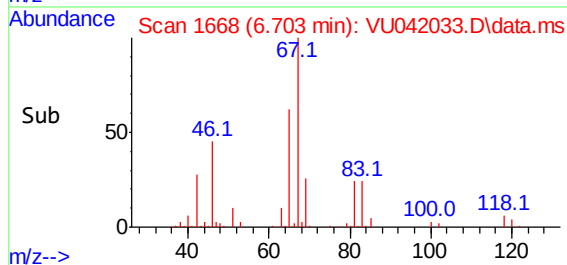
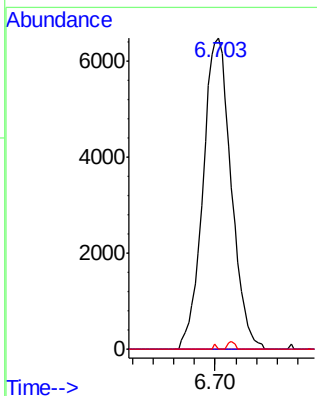
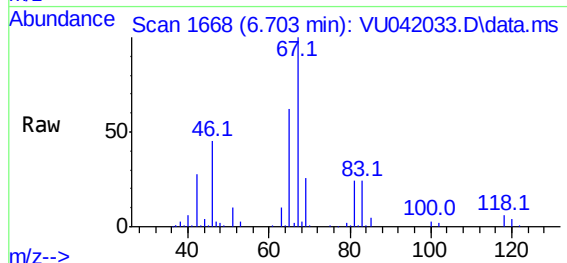




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

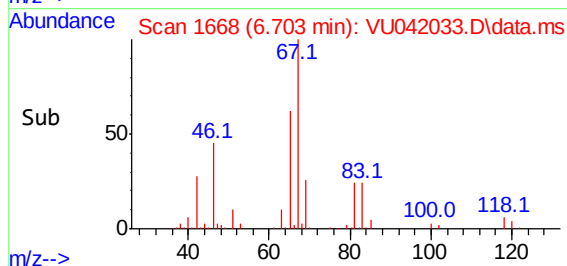
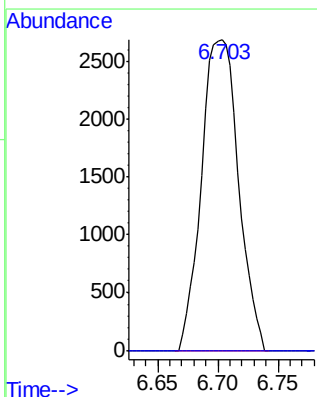
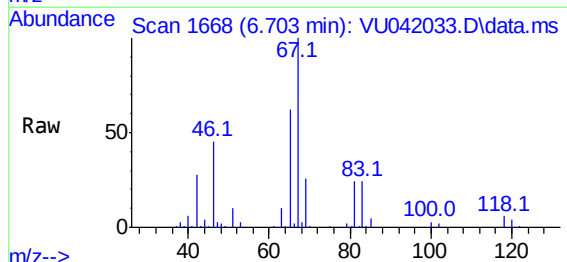
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ClientSampleId :
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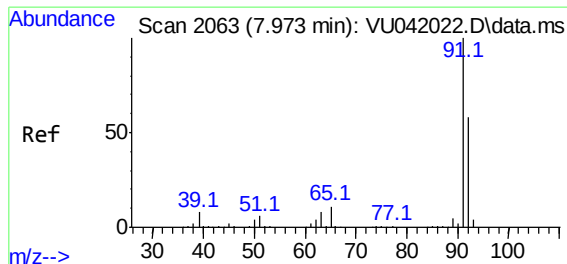
Tgt Ion: 83 Resp: 12259
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.2 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

Tgt Ion: 63 Resp: 5620
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

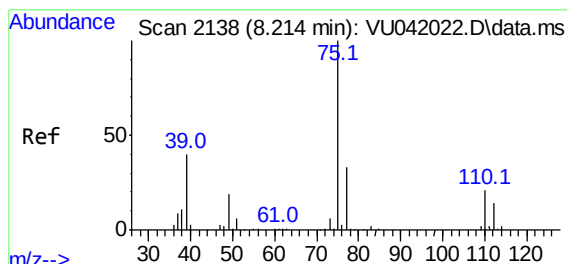
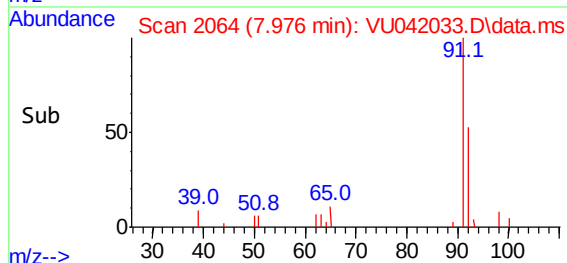
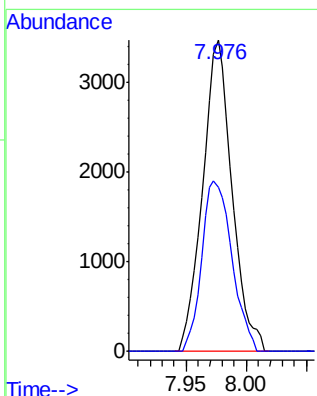
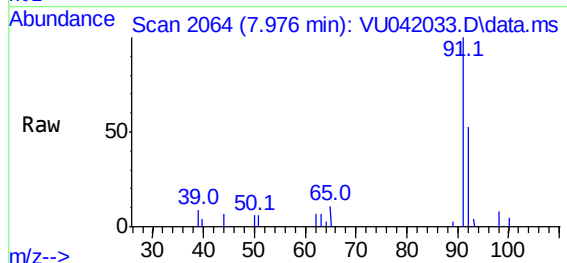




#42
Toluene
Concen: 0.12 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

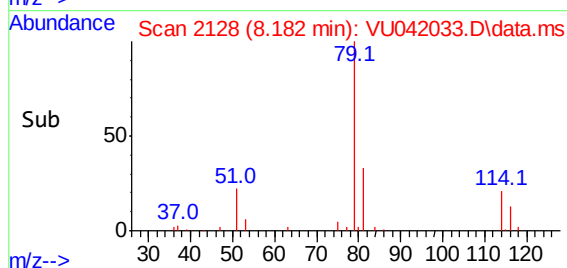
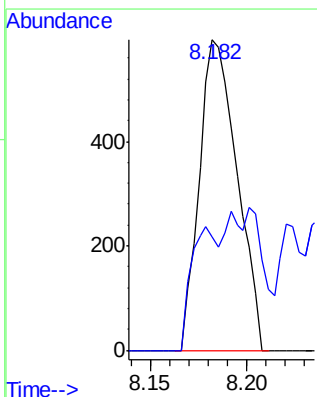
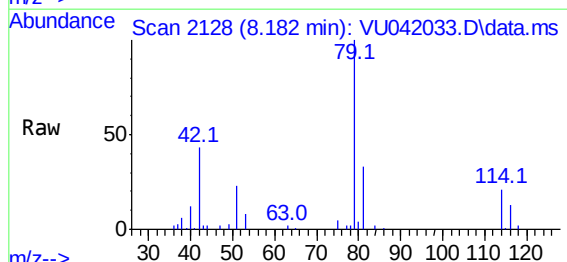
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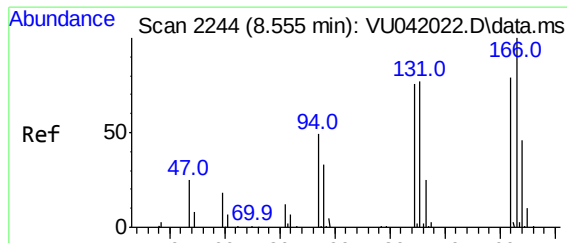
Tgt Ion: 91 Resp: 5689
Ion Ratio Lower Upper
91 100
92 52.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

Tgt Ion: 75 Resp: 810
Ion Ratio Lower Upper
75 100
77 36.6 22.0 41.0

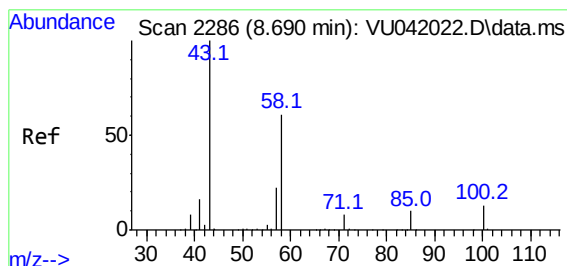
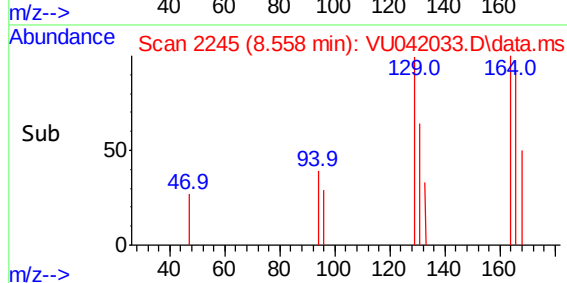
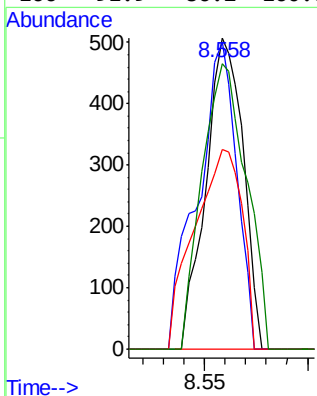
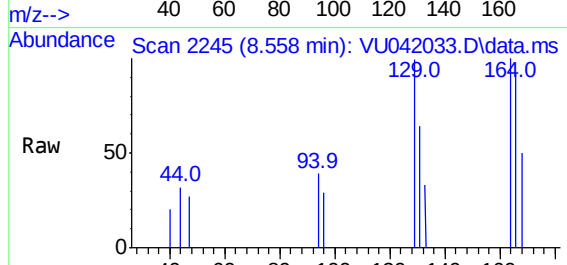




#47
Tetrachloroethene
Concen: 0.09 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

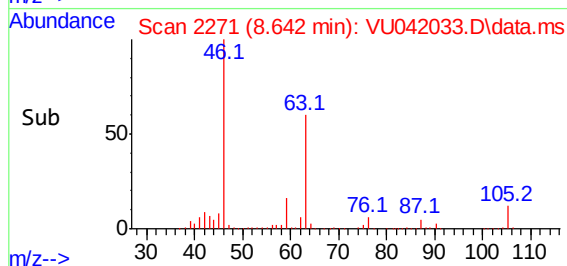
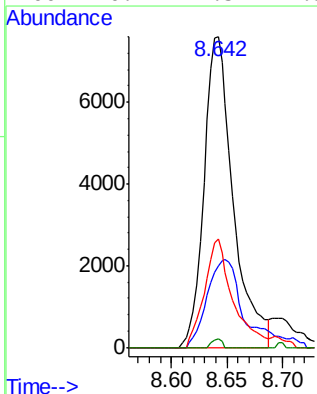
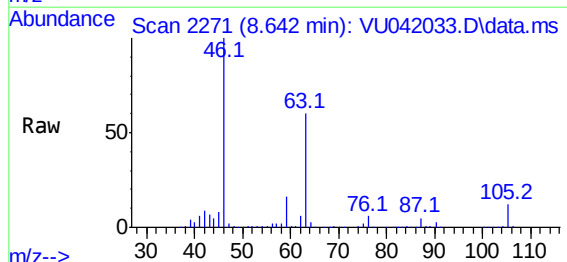
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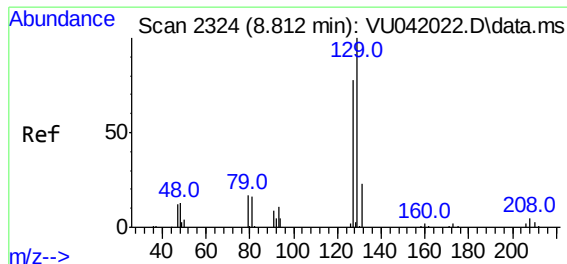
Tgt Ion:164 Resp: 636
Ion Ratio Lower Upper
164 100
129 98.6 68.7 127.5
131 64.1 65.2 121.0#
166 91.9 86.2 160.0



#48
2-Hexanone
Concen: 2.57 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

Tgt Ion: 43 Resp: 13845
Ion Ratio Lower Upper
43 100
58 36.5 47.8 71.8#
57 34.0 17.4 26.0#
100 0.9 9.5 14.3#

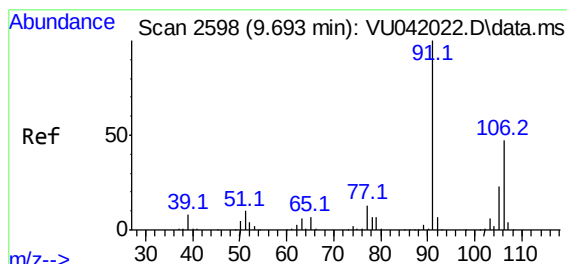
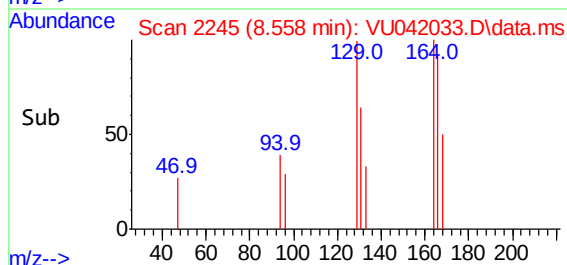
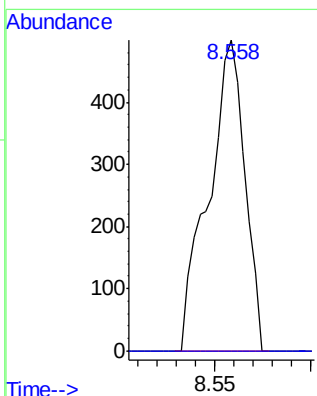
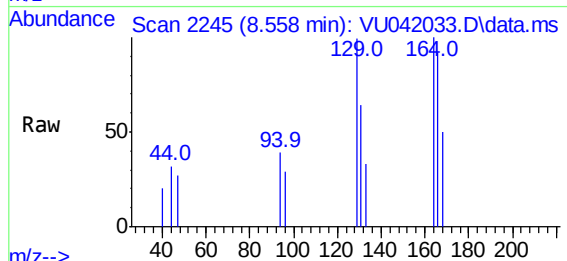




#49
Dibromochloromethane
Concen: 0.07 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

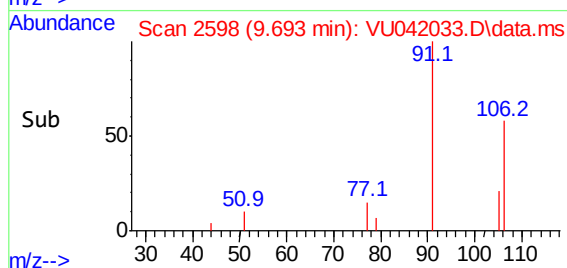
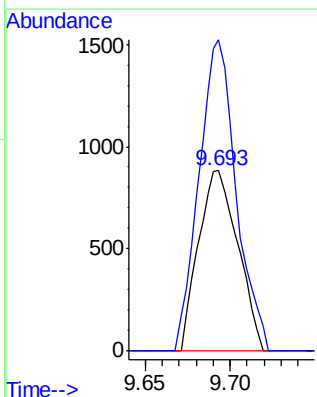
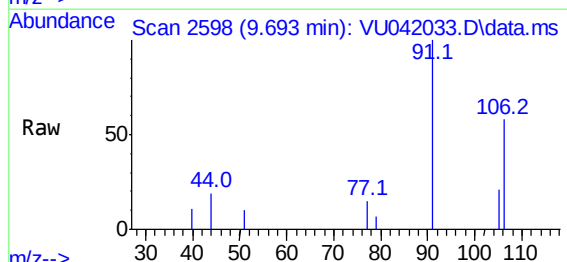
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BFT69

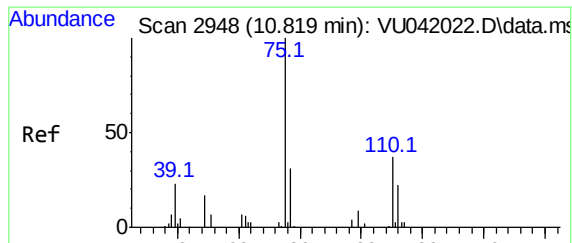
Tgt Ion:129 Resp: 654
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#53
m,p-Xylene
Concen: 0.09 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU042033.D
Acq: 14 Jan 2021 14:38

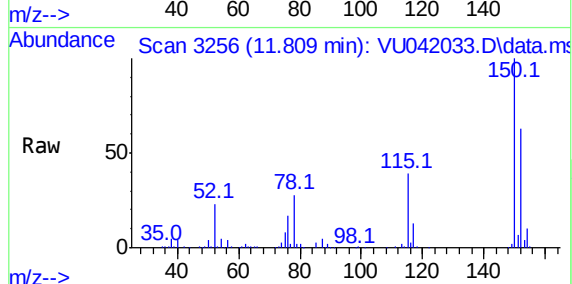
Tgt Ion:106 Resp: 1420
Ion Ratio Lower Upper
106 100
91 172.5 145.7 270.5





#59
 1,2,3-Trichloropropane
 Concen: 0.70 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042033.D
 Acq: 14 Jan 2021 14:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT69



Tgt Ion: 75 Resp: 5314
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.6 38.4

