

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042075.D
 Acq On : 15 Jan 2021 16:01
 Operator : SY/MD
 Sample : M1065-06DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2DL

Quant Time: Jan 16 01:11:54 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)

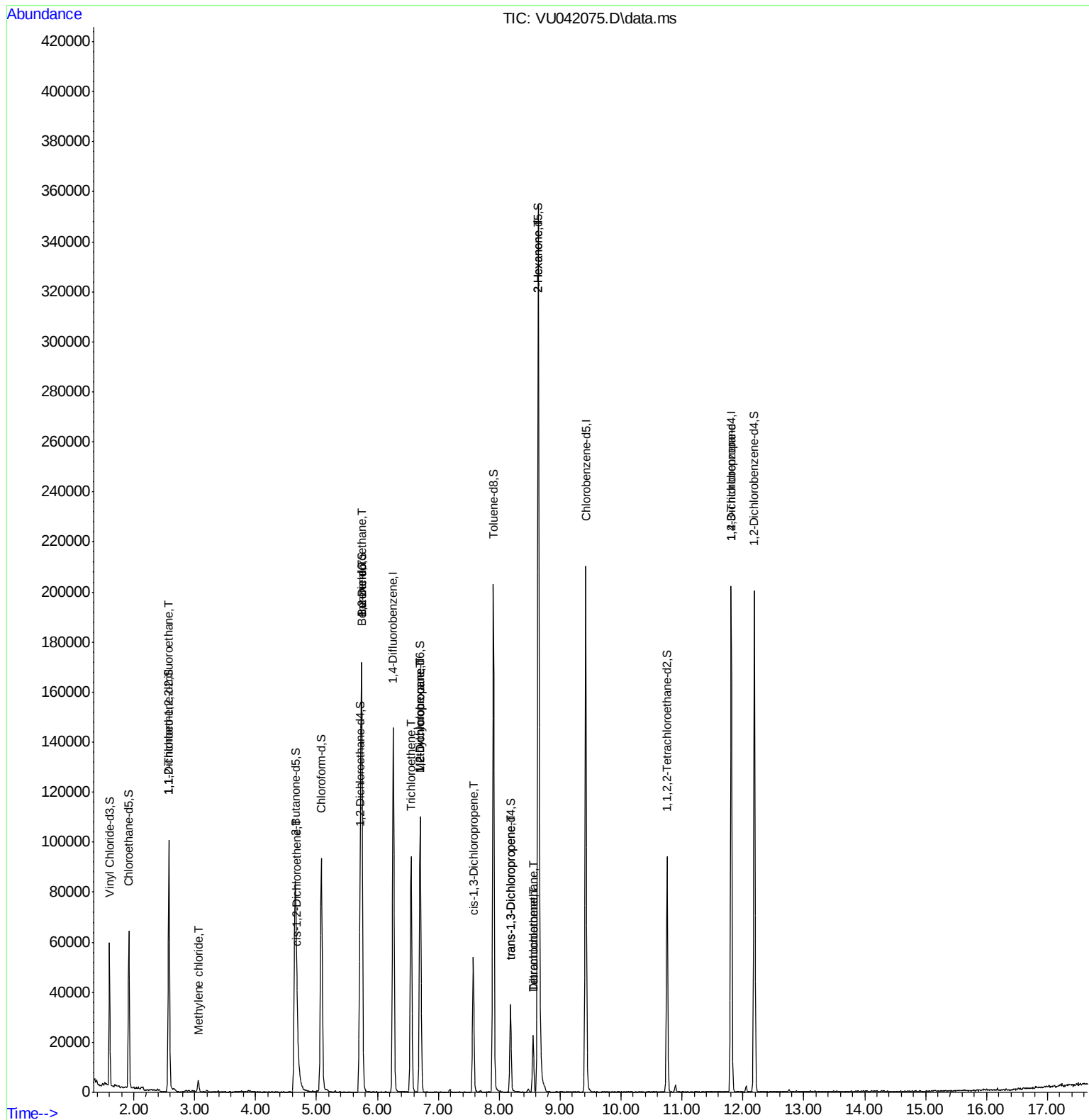
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	118964	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	53395	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37895	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	44046	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.578	63	60975	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.652	46	163229	54.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	5.079	84	86834	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.716	65	49021	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.742	84	159469	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.700	67	54993	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.906	98	135264	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.185	79	20694	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.642	63	144112	56.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.10%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	47926	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.188	152	52968	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	535	0.06	ug/L #	21
16) Methylene chloride	3.060	84	2245	0.21	ug/L	91
22) cis-1,2-Dichloroethene	4.681	96	1103	0.11	ug/L	96
27) 1,2-Dichloroethane	5.738	62	798	0.07	ug/L #	75
33) Benzene	5.738	78	1125	0.03	ug/L	100
34) Trichloroethene	6.552	95	32711	3.03	ug/L	97
35) Methylcyclohexane	6.700	83	12719	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	6015	0.54	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1174	0.07	ug/L #	55
44) trans-1,3-Dichloropropene	8.185	75	650	0.04	ug/L #	29
47) Tetrachloroethene	8.558	164	5162	0.74	ug/L	92
48) 2-Hexanone	8.642	43	14532	2.78	ug/L #	67
49) Dibromochloromethane	8.558	129	4788	0.55	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	6027	0.82	ug/L	95

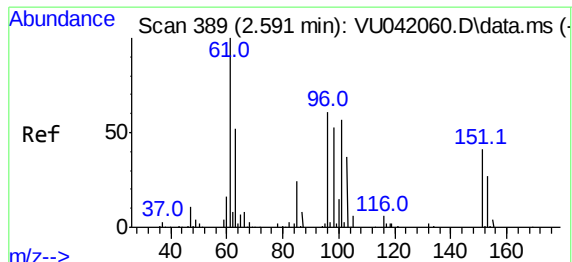
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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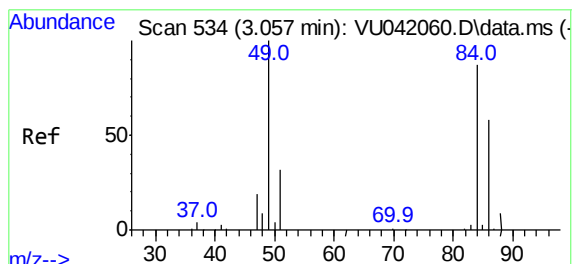
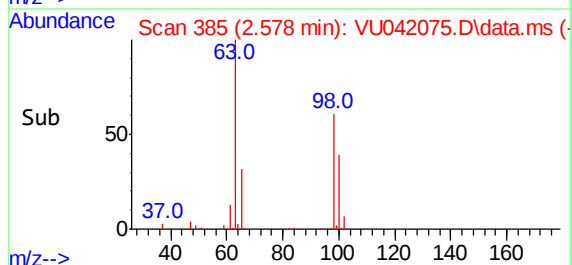
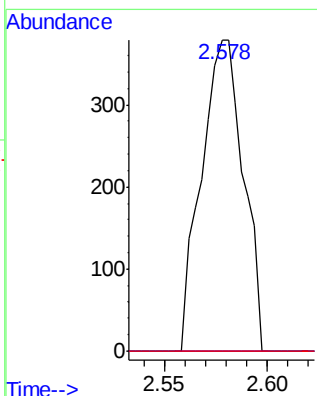
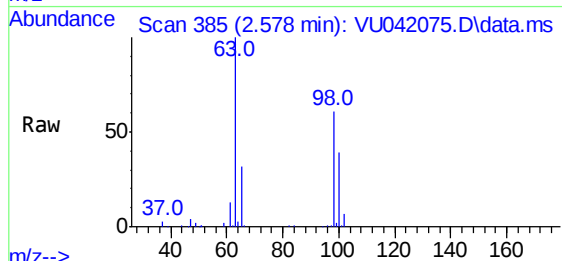




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

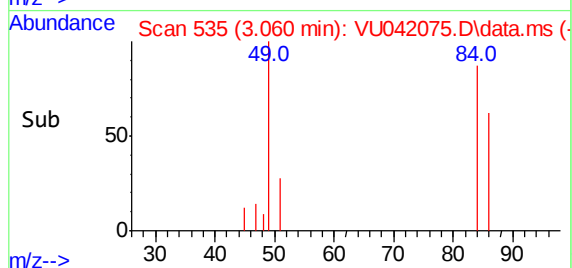
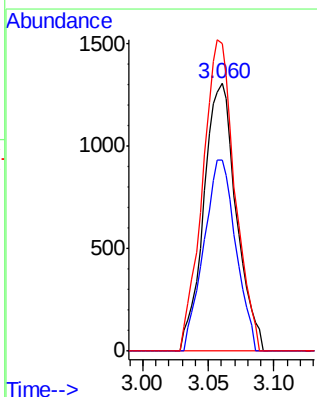
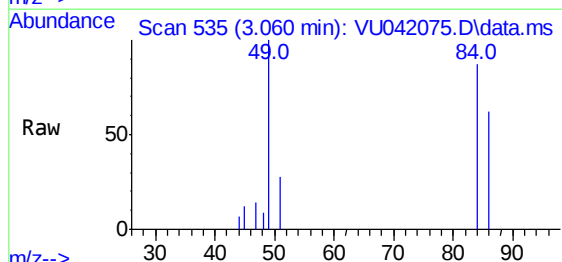
Instrument :
MSVOA_U
ClientSampleId :
BFXN2DL

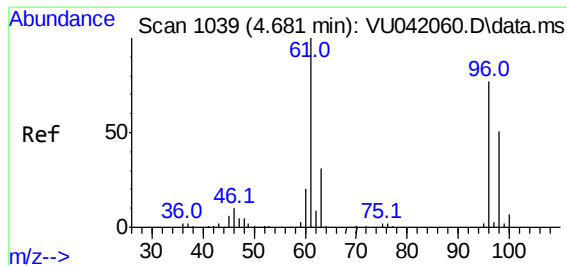
Tgt Ion:101 Resp: 535
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#16
Methylene chloride
Concen: 0.21 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Tgt Ion: 84 Resp: 2245
Ion Ratio Lower Upper
84 100
86 71.4 42.6 79.0
49 114.9 86.2 160.0



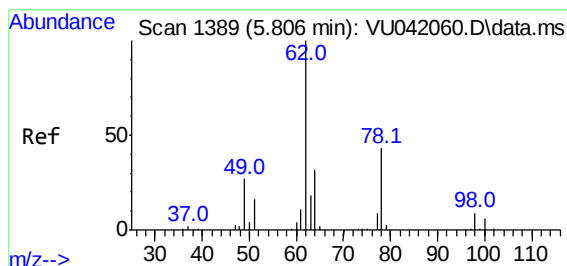
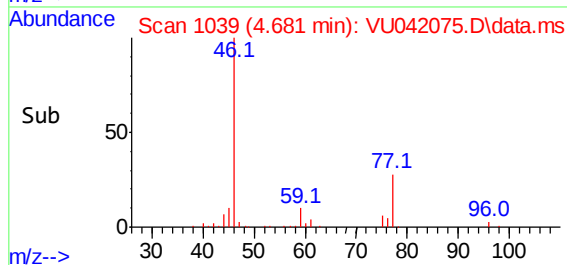
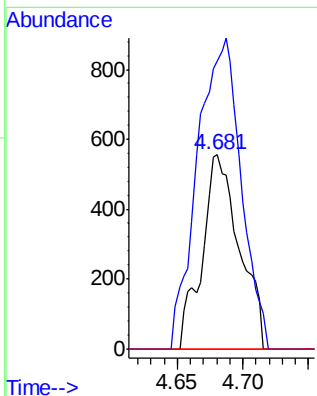
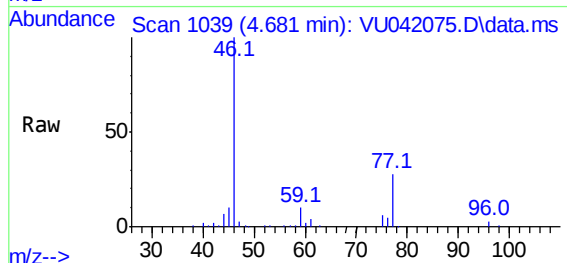


#22
 cis-1,2-Dichloroethene
 Concen: 0.11 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VU042075.D
 Acq: 15 Jan 2021 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2DL

Tgt Ion: 96 Resp: 1103

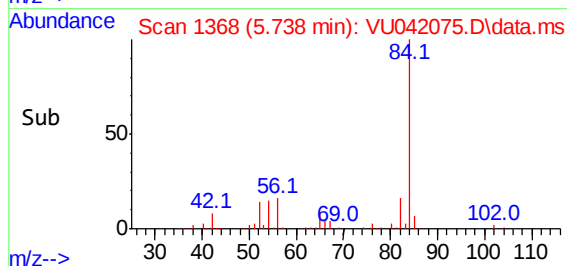
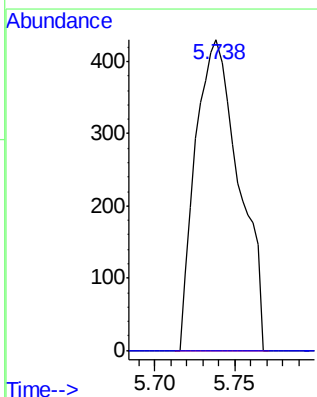
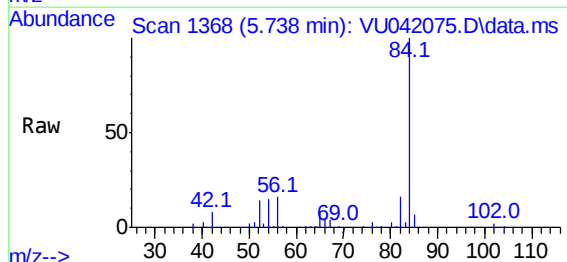
Ion	Ratio	Lower	Upper
96	100		
61	148.6	100.3	186.3
68	0.0	0.0	0.0

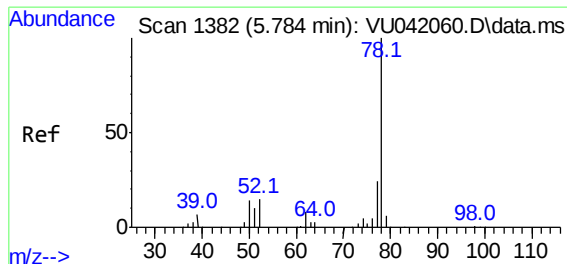


#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.738 min Scan# 1368
 Delta R.T. -0.068 min
 Lab File: VU042075.D
 Acq: 15 Jan 2021 16:01

Tgt Ion: 62 Resp: 798

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.1	10.7#

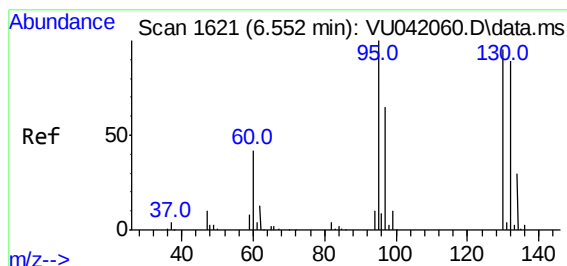
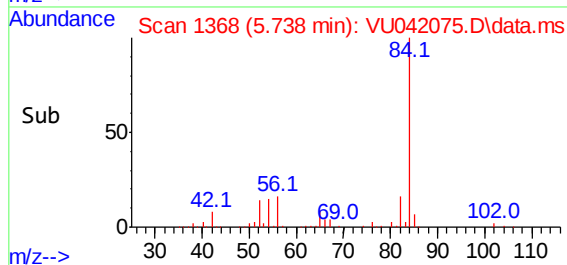
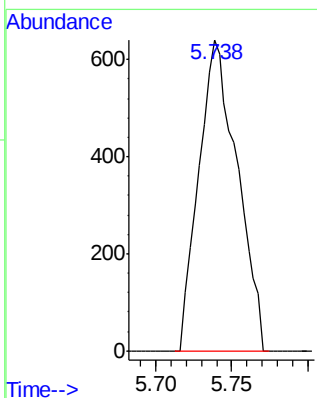
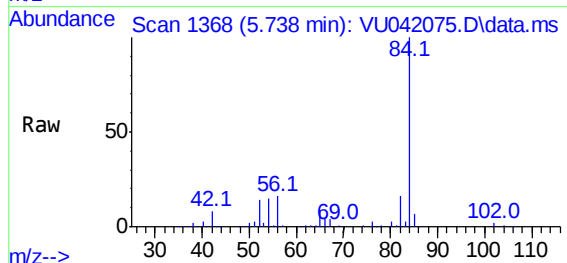




#33
Benzene
Concen: 0.03 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Instrument :
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BFXN2DL

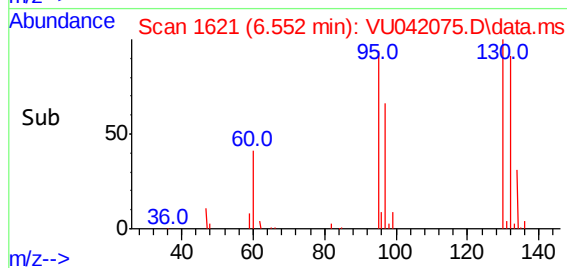
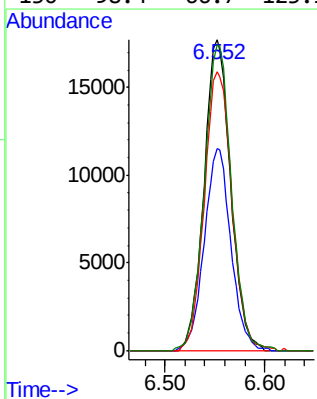
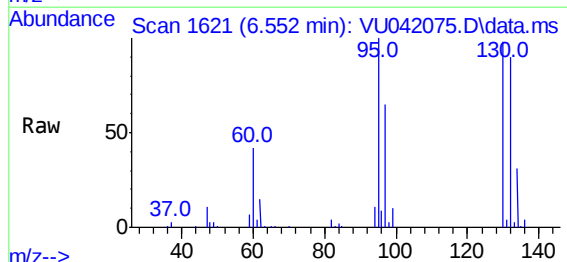
Tgt Ion: 78 Resp: 1125

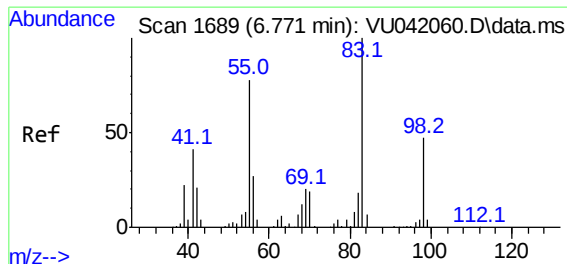


#34
Trichloroethene
Concen: 3.03 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Tgt Ion: 95 Resp: 32711

Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.6	81.0
132	89.8	64.3	119.3
130	98.4	66.7	123.9

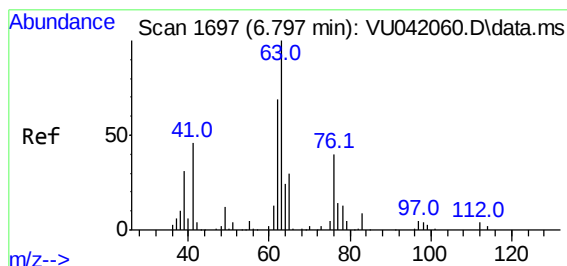
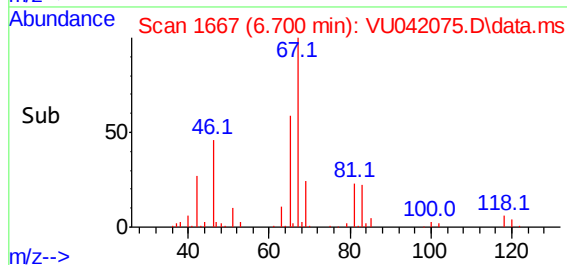
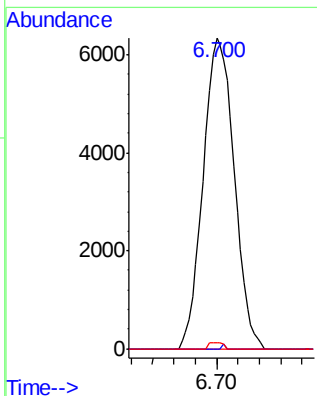
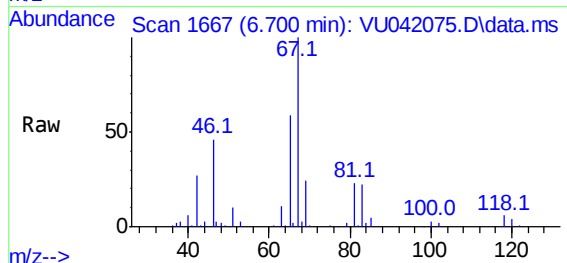




#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

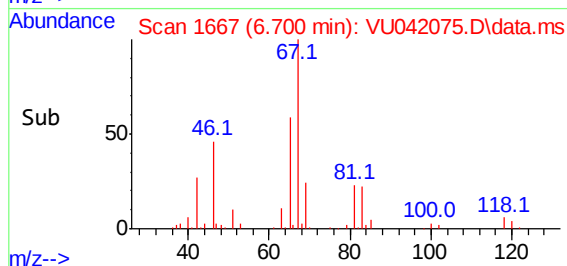
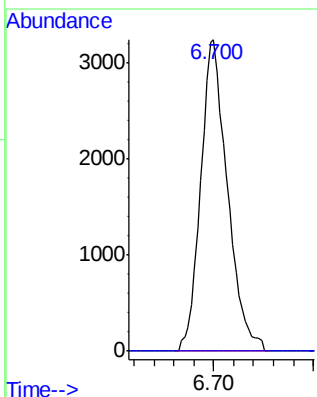
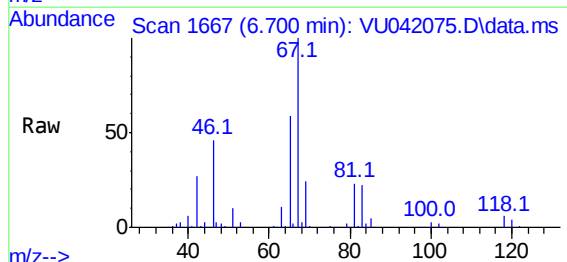
Instrument :
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ClientSampleId :
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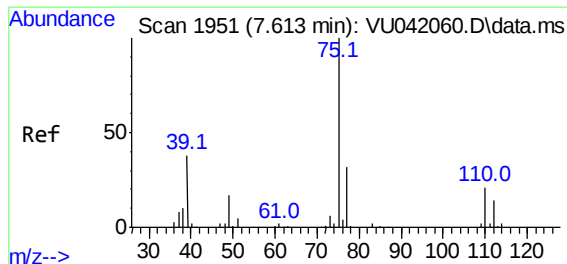
Tgt Ion: 83 Resp: 12719
Ion Ratio Lower Upper
83 100
55 0.1 66.8 100.2#
98 0.9 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Tgt Ion: 63 Resp: 6015
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

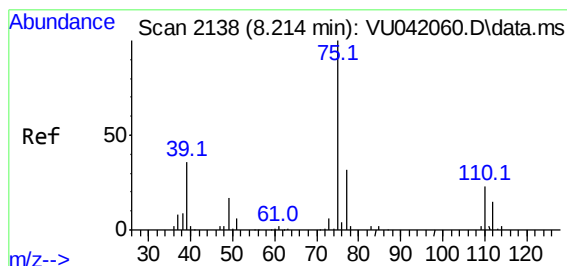
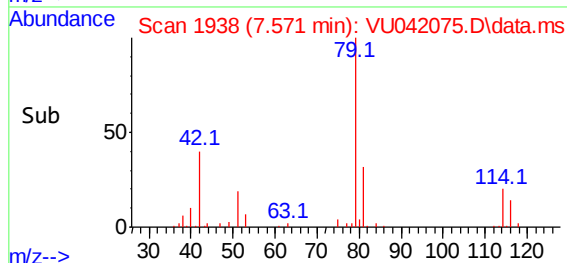
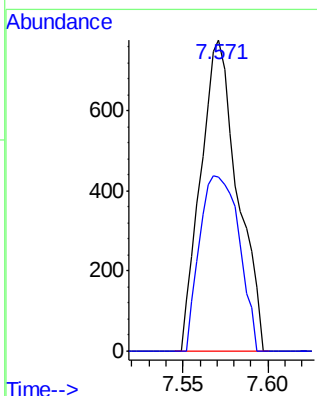
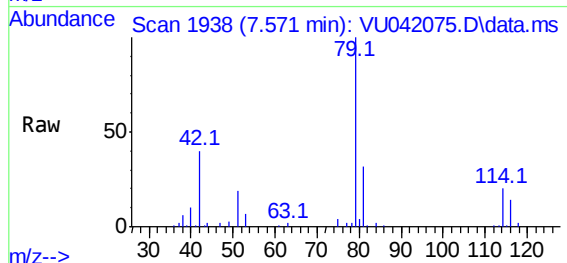




#39
cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

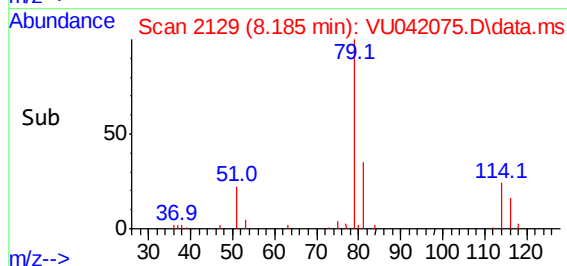
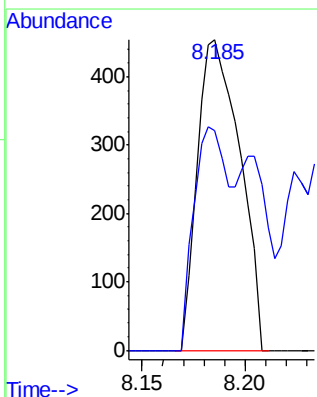
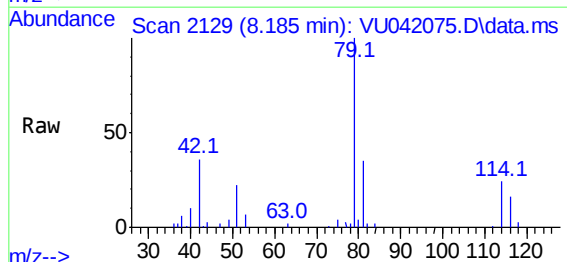
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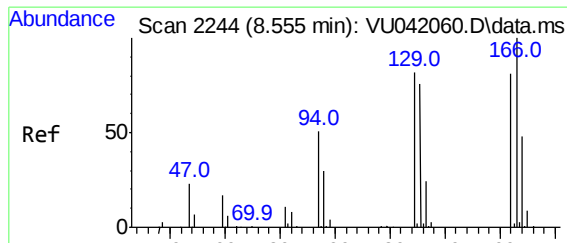
Tgt Ion: 75 Resp: 1174
Ion Ratio Lower Upper
75 100
77 56.1 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.04 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Tgt Ion: 75 Resp: 650
Ion Ratio Lower Upper
75 100
77 70.7 22.0 41.0#



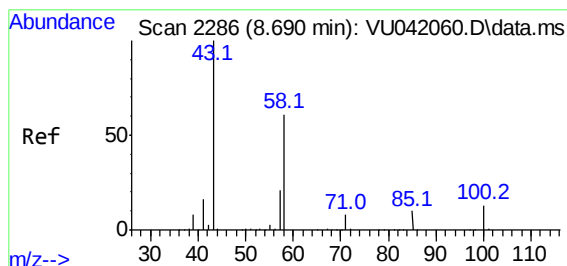
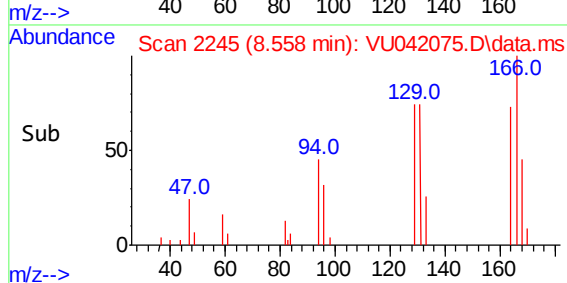
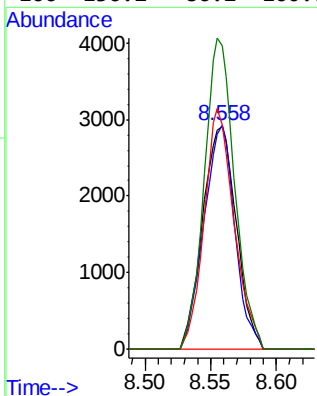
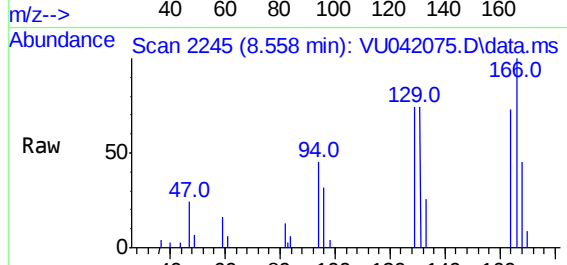


#47
Tetrachloroethene
Concen: 0.74 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Instrument :
MSVOA_U
ClientSampleId :
BFXN2DL

Tgt Ion:164 Resp: 5162

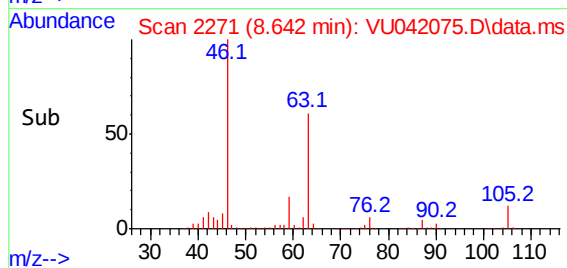
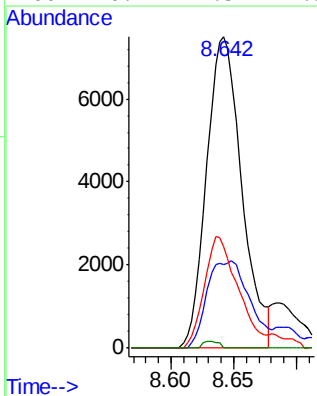
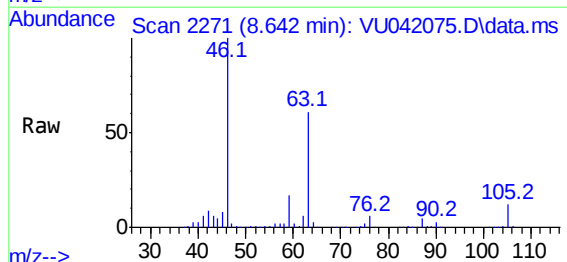
Ion	Ratio	Lower	Upper
164	100		
129	100.2	68.7	127.5
131	100.7	65.2	121.0
166	136.2	86.2	160.0

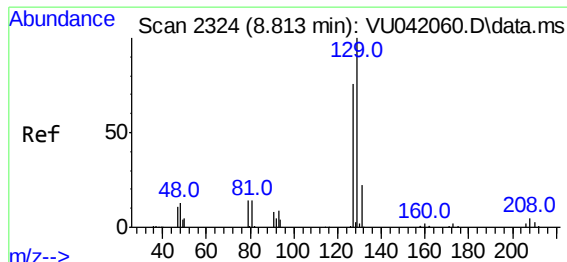


#48
2-Hexanone
Concen: 2.78 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Tgt Ion: 43 Resp: 14532

Ion	Ratio	Lower	Upper
43	100		
58	34.0	47.8	71.8#
57	36.8	17.4	26.0#
100	0.9	9.5	14.3#

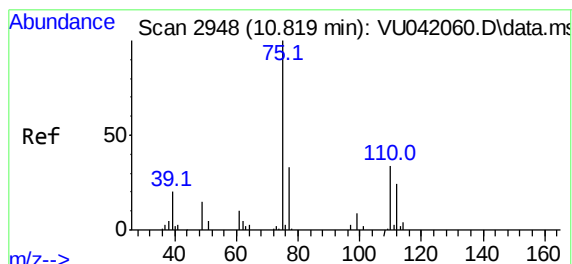
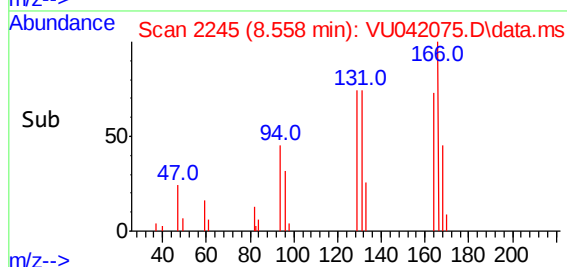
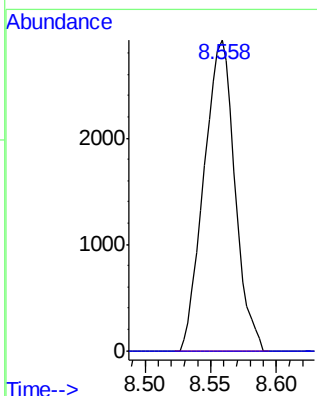
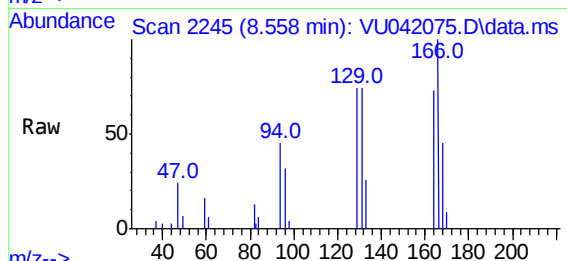




#49
Dibromochloromethane
Concen: 0.55 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Instrument :
MSVOA_U
ClientSampleId :
BFXN2DL

Tgt Ion:129 Resp: 4788
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.82 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU042075.D
Acq: 15 Jan 2021 16:01

Tgt Ion: 75 Resp: 6027
Ion Ratio Lower Upper
75 100
77 34.9 25.6 38.4

