

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041989.D
 Acq On : 13 Jan 2021 18:41
 Operator : SY/MD
 Sample : M1049-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7DL

Quant Time: Jan 14 17:02:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

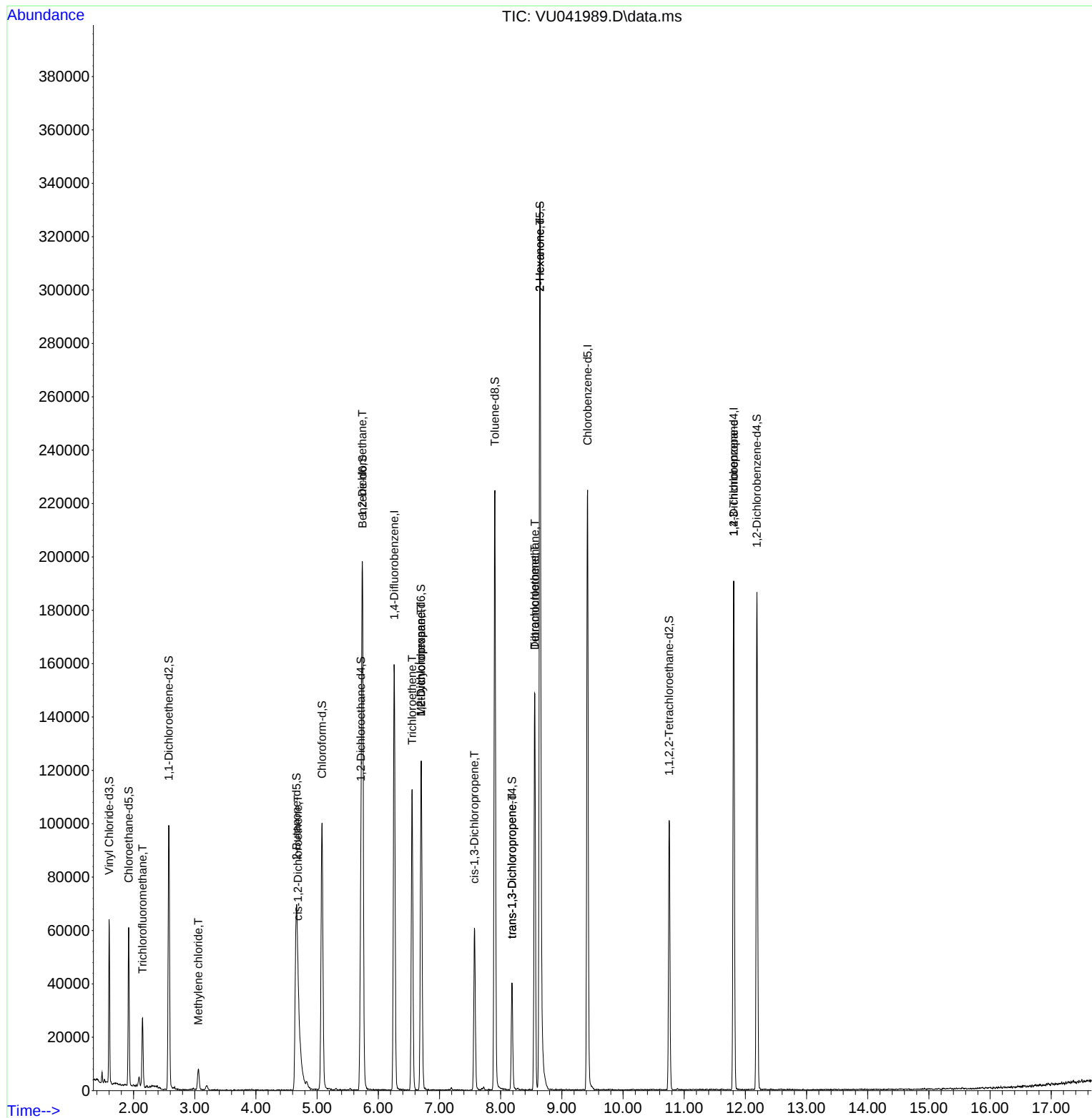
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	129012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49185	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41265	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.919	69	41467	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.575	63	61339	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.665	46	164056	50.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	5.080	84	94693	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.716	65	53476	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.742	84	182347	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.700	67	62077	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	151758	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloroprop...	8.186	79	23868	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.642	63	133040	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	52102	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	46586	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	16505	0.86	ug/L	99
16) Methylene chloride	3.057	84	3972	0.34	ug/L	94
22) cis-1,2-Dichloroethene	4.687	96	1404	0.13	ug/L	92
27) 1,2-Dichloroethane	5.739	62	824	0.06	ug/L #	75
34) Trichloroethene	6.552	95	39826	3.42	ug/L	98
35) Methylcyclohexane	6.700	83	13901	0.75	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6435	0.53	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1488	0.08	ug/L #	66
44) trans-1,3-Dichloropropene	8.186	75	1050	0.07	ug/L #	55
47) Tetrachloroethene	8.555	164	31482	4.17	ug/L	94
48) 2-Hexanone	8.642	43	14698	2.60	ug/L #	73
49) Dibromochloromethane	8.558	129	33018	3.54	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	6284	0.79	ug/L	99

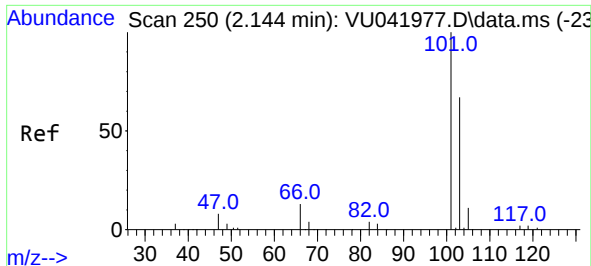
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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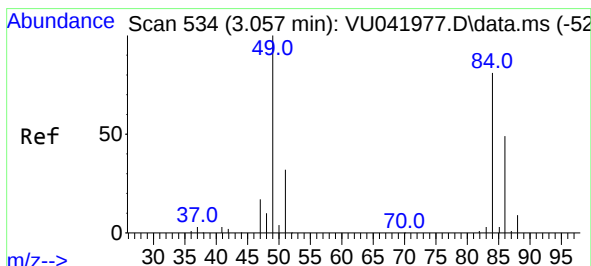
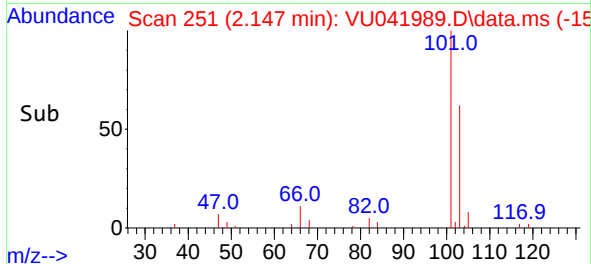
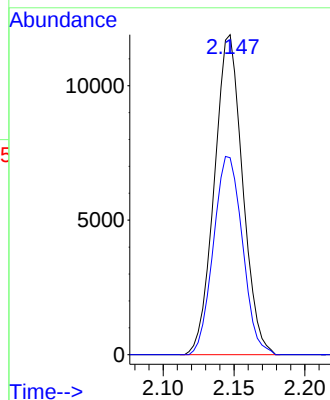
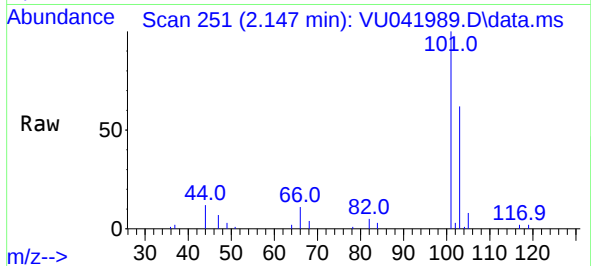




#9
Trichlorofluoromethane
Concen: 0.86 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

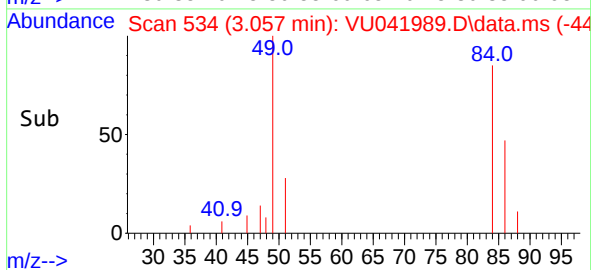
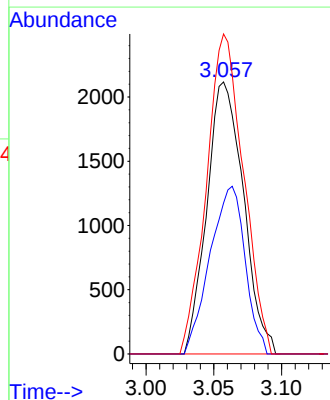
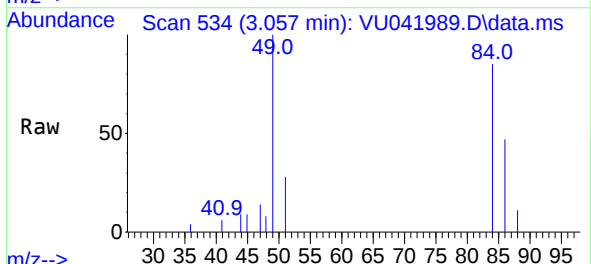
Instrument :
MSVOA_U
ClientSampleId :
C0AQ7DL

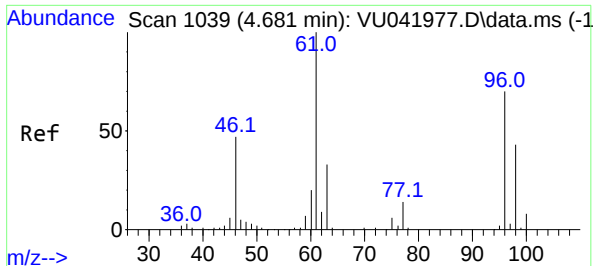
Tgt Ion:101 Resp: 16505
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4



#16
Methylene chloride
Concen: 0.34 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Tgt Ion: 84 Resp: 3972
Ion Ratio Lower Upper
84 100
86 55.5 42.6 79.0
49 117.7 86.2 160.0



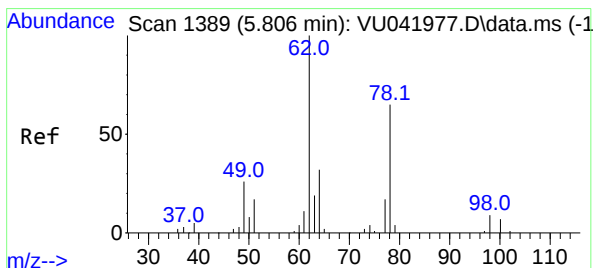
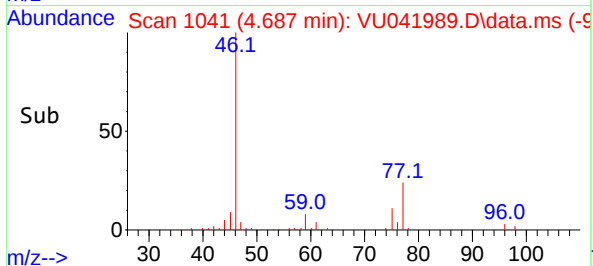
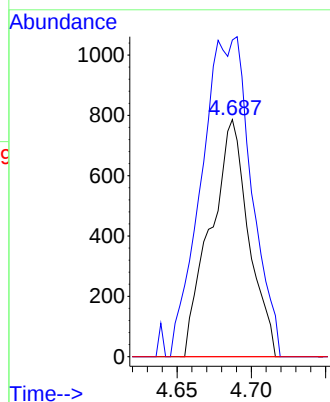
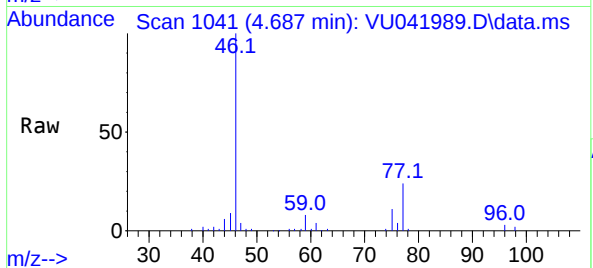


#22
cis-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Instrument :
MSVOA_U
ClientSampleId :
C0AQ7DL

Tgt Ion: 96 Resp: 1404

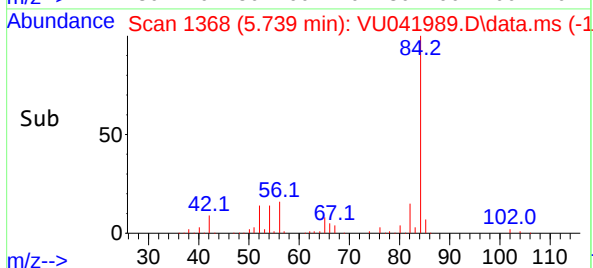
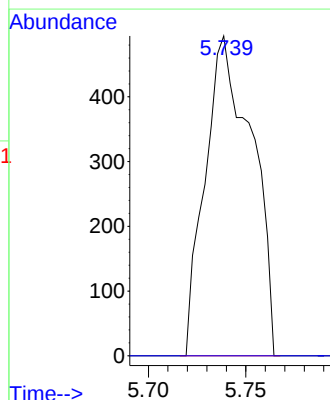
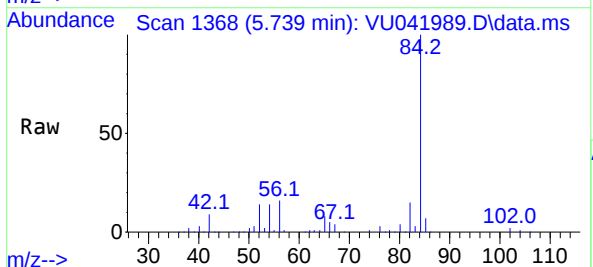
Ion	Ratio	Lower	Upper
96	100		
61	133.6	100.3	186.3
68	0.0	0.0	0.0

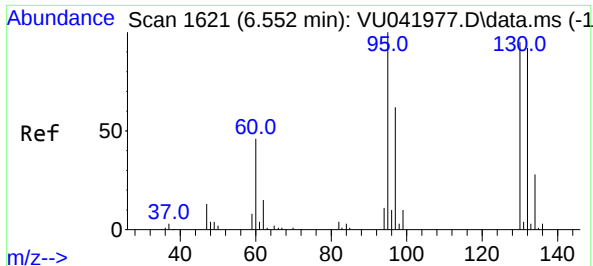


#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Tgt Ion: 62 Resp: 824

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.1	10.7#



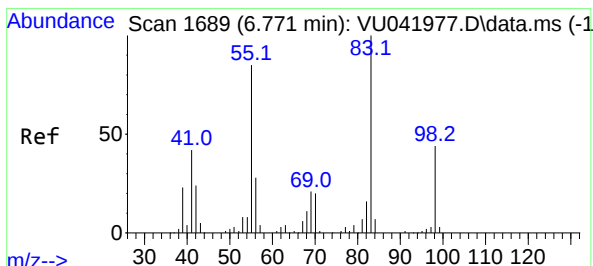
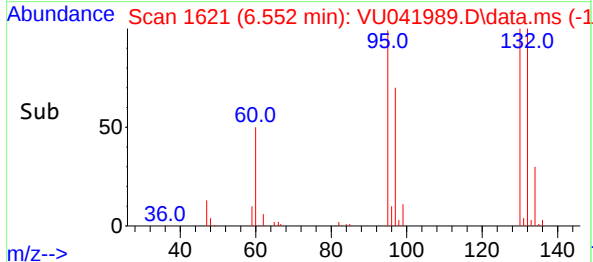
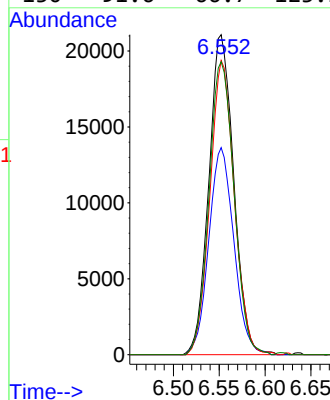
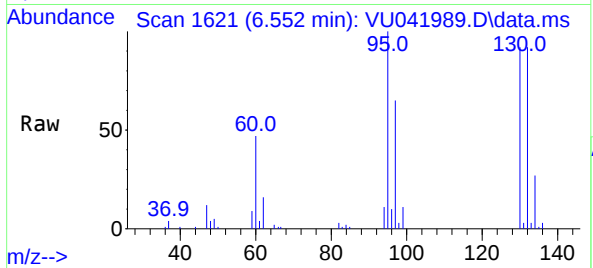


#34
Trichloroethene
Concen: 3.42 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Instrument :
MSVOA_U
ClientSampleId :
C0AQ7DL

Tgt Ion: 95 Resp: 39826

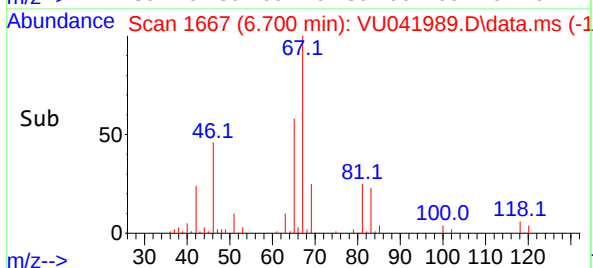
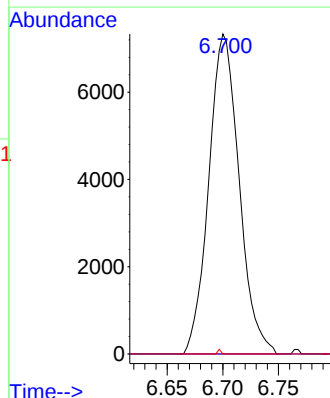
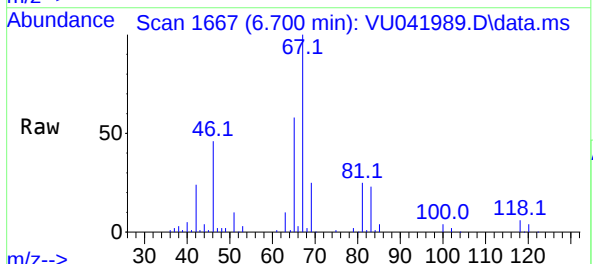
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.6	81.0
132	92.0	64.3	119.3
130	91.6	66.7	123.9

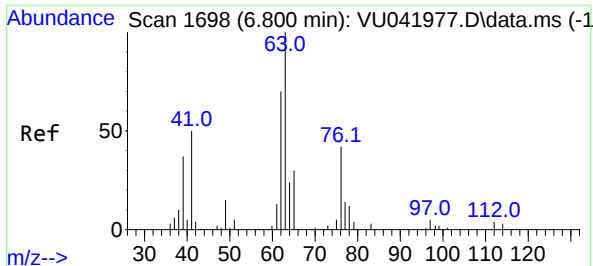


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Tgt Ion: 83 Resp: 13901

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

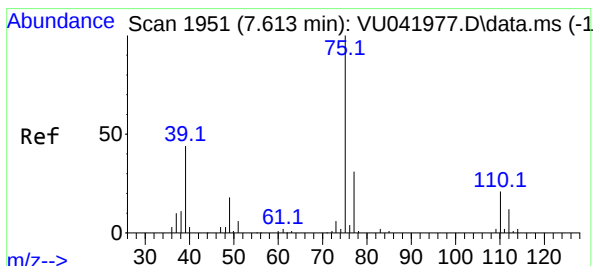
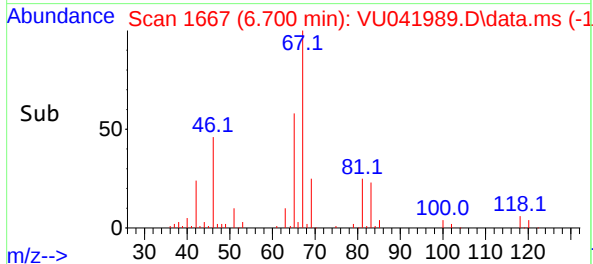
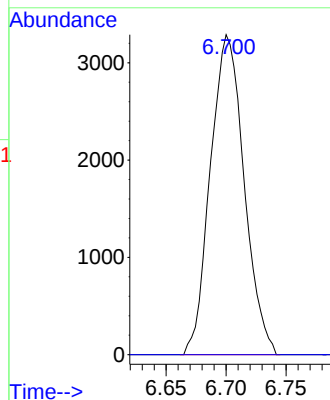
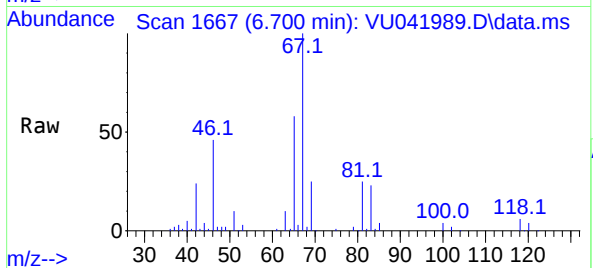




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

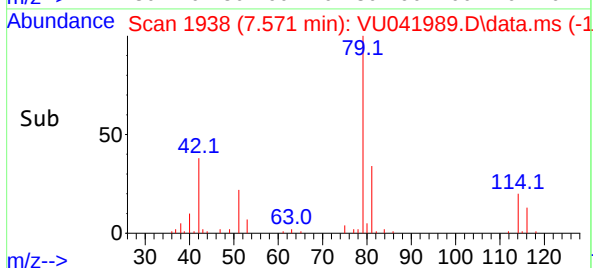
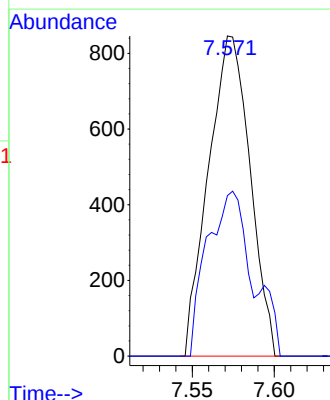
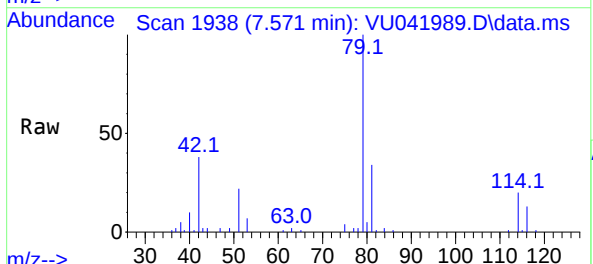
Instrument :
MSVOA_U
ClientSampled :
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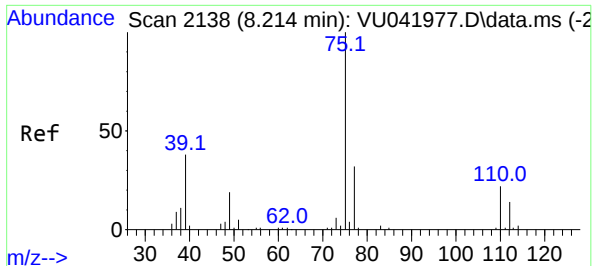
Tgt Ion: 63 Resp: 6435
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Tgt Ion: 75 Resp: 1488
Ion Ratio Lower Upper
75 100
77 50.1 21.9 40.7#

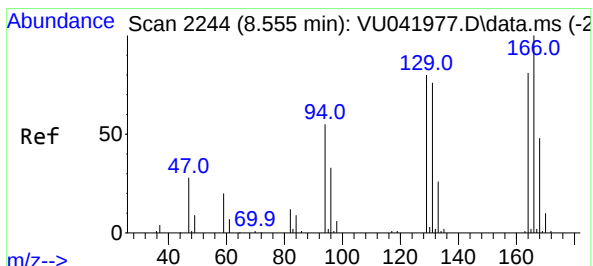
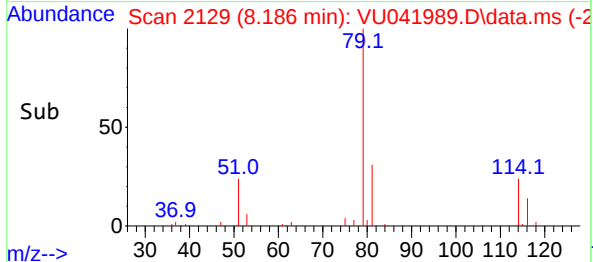
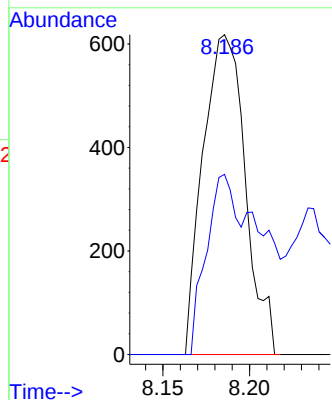
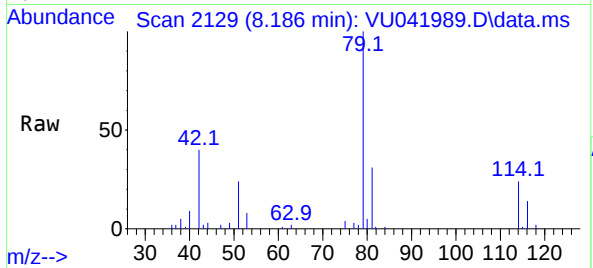




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

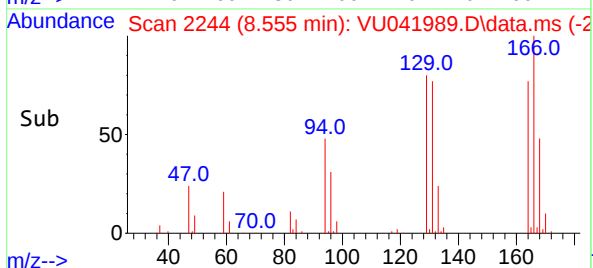
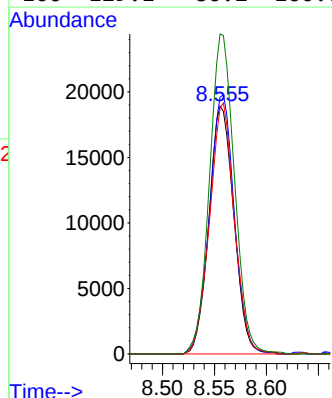
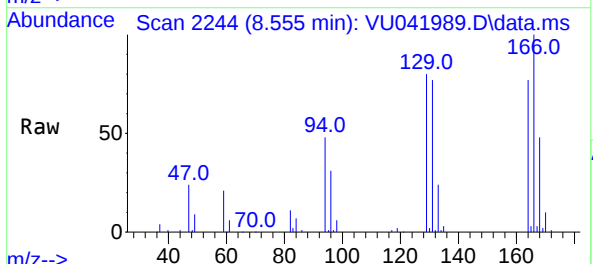
Instrument :
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ClientSampled :
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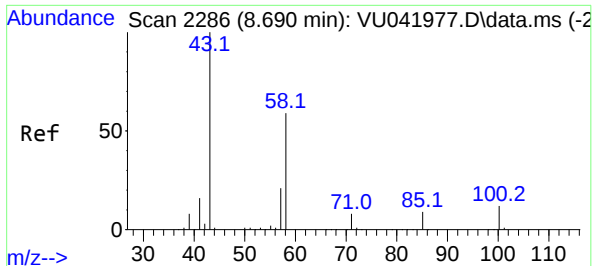
Tgt Ion: 75 Resp: 1050
Ion Ratio Lower Upper
75 100
77 56.3 22.0 41.0#



#47
Tetrachloroethene
Concen: 4.17 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Tgt Ion: 164 Resp: 31482
Ion Ratio Lower Upper
164 100
129 103.6 68.7 127.5
131 99.3 65.2 121.0
166 129.1 86.2 160.0



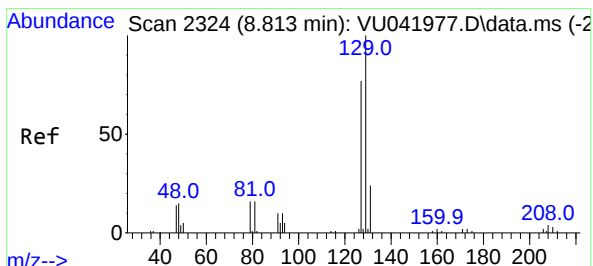
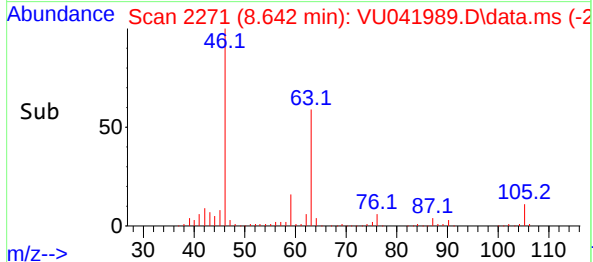
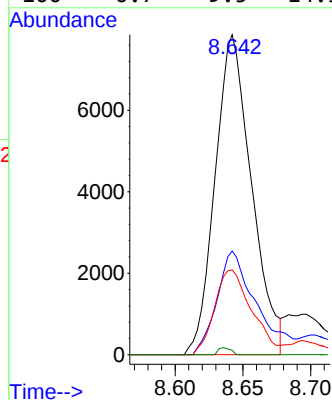
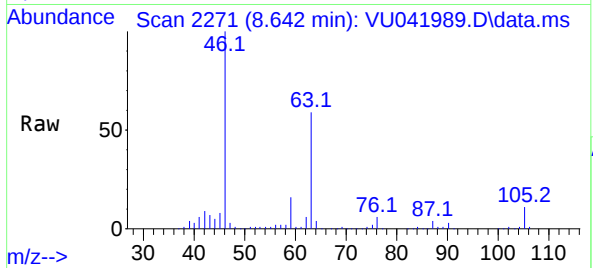


#48
2-Hexanone
Concen: 2.60 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Instrument :
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Tgt Ion: 43 Resp: 14698

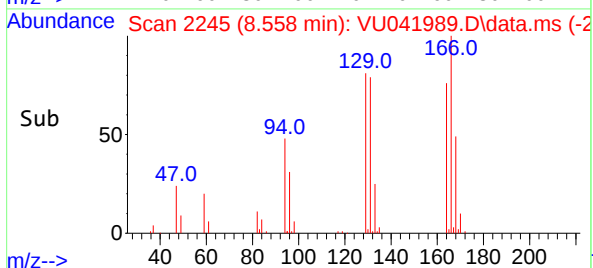
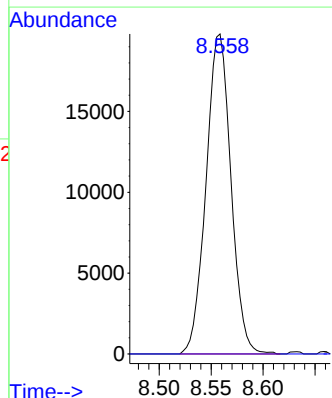
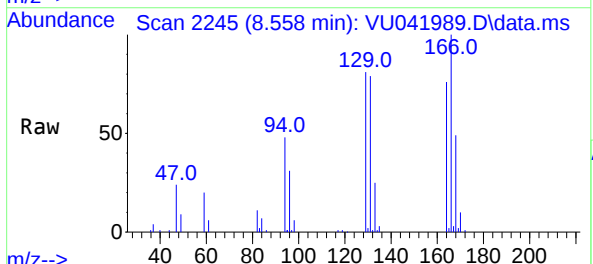
Ion	Ratio	Lower	Upper
43	100		
58	35.4	47.8	71.8#
57	27.0	17.4	26.0#
100	0.7	9.5	14.3#

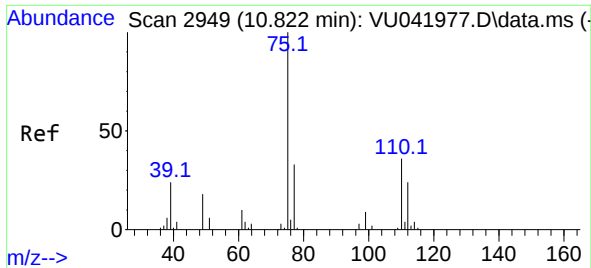


#49
Dibromochloromethane
Concen: 3.54 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU041989.D
Acq: 13 Jan 2021 18:41

Tgt Ion: 129 Resp: 33018

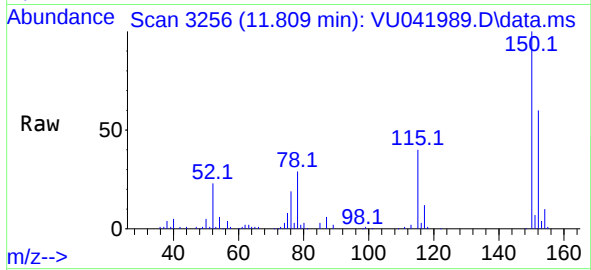
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.79 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU041989.D
 Acq: 13 Jan 2021 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7DL



Tgt Ion: 75 Resp: 6284
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4

