

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012621\
 Data File : VU042197.D
 Acq On : 26 Jan 2021 14:01
 Operator : SY/MD
 Sample : VU0126WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:04:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

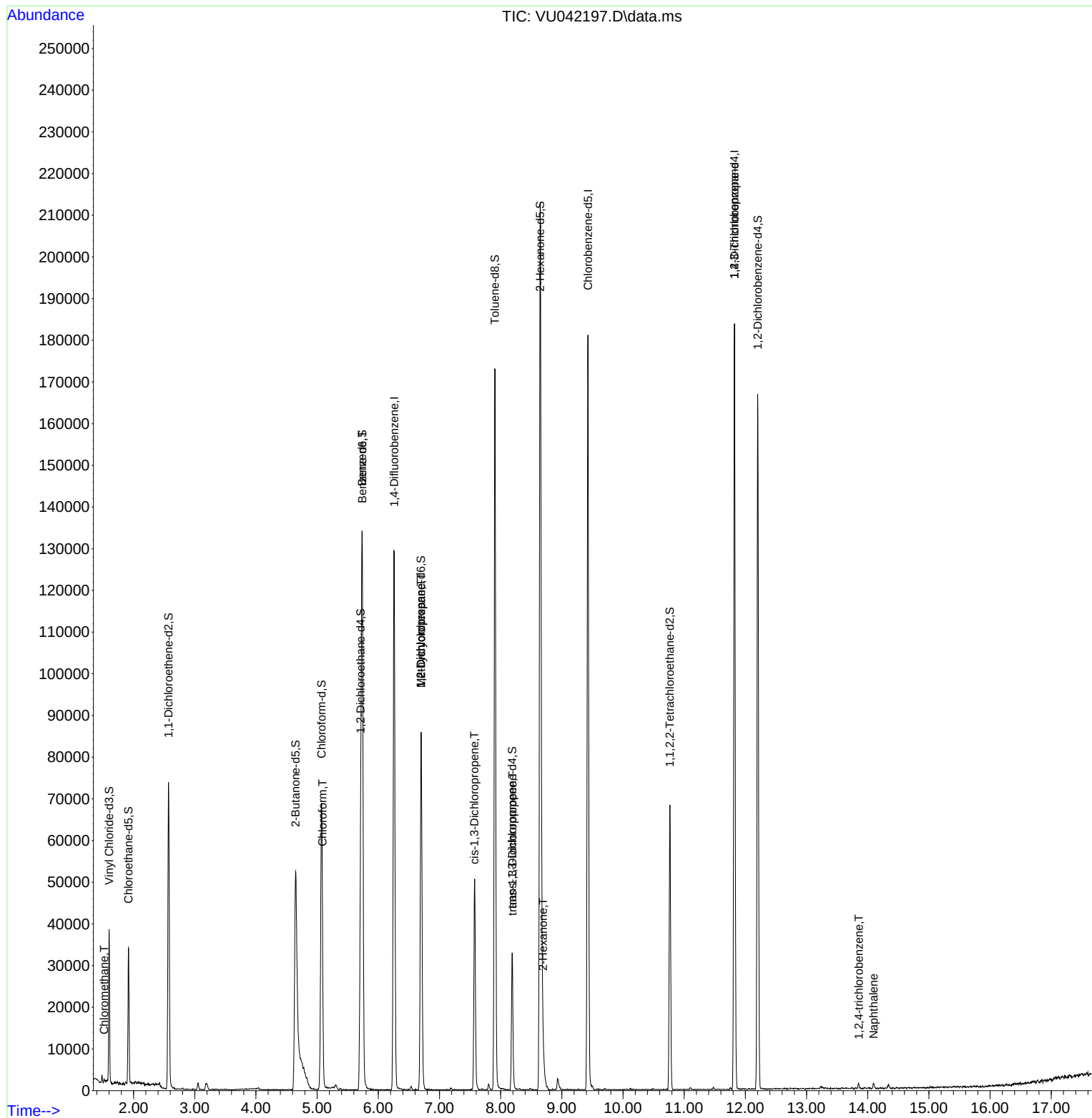
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	101863	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46833	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23888	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.916	69	21277	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.572	63	44688	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.649	46	120748	50.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	5.073	84	62466	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.713	65	39865	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.739	84	114266	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.700	67	37435	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	106044	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.189	79	17824	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.645	63	83536	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32191	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	41872	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	568	0.07	ug/L	99
25) Chloroform	5.086	83	974	0.07	ug/L	85
33) Benzene	5.735	78	1049	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	9056	0.73	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4537	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1372	0.12	ug/L #	72
44) trans-1,3-Dichloropropene	8.192	75	754	0.07	ug/L #	36
48) 2-Hexanone	8.690	43	3659	0.85	ug/L #	94
59) 1,2,3-Trichloropropane	11.822	75	5870	1.15	ug/L	97
68) 1,2,4-trichlorobenzene	13.854	180	572	0.06	ug/L #	92
69) Naphthalene	14.098	128	1558	0.12	ug/L #	89

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

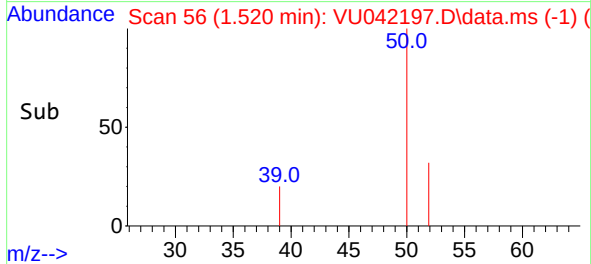
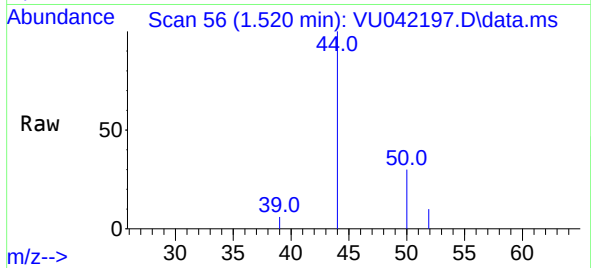
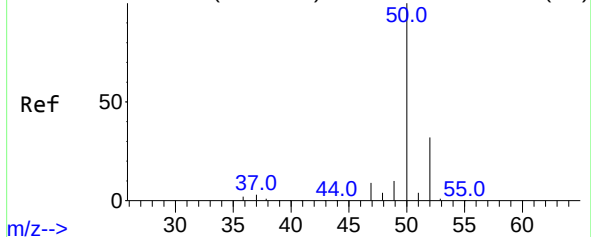
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012621\
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Operator : SY/MD
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

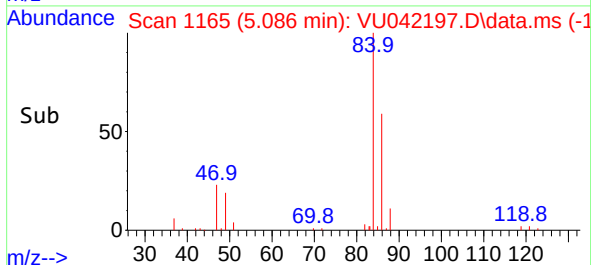
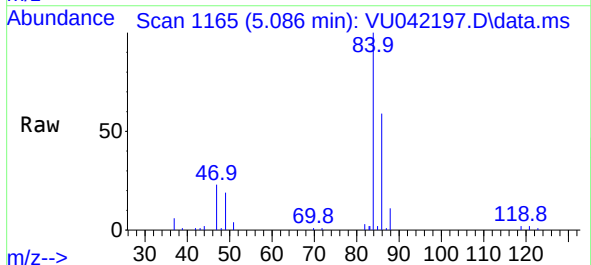
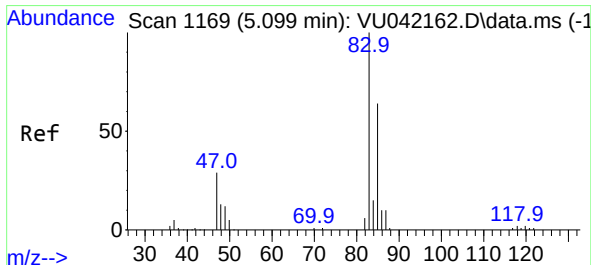
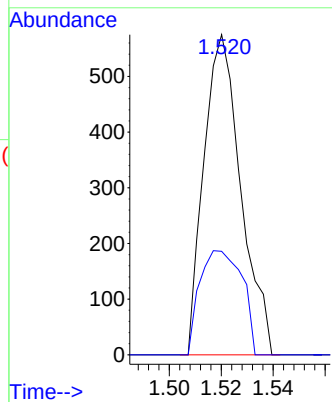


Abundance Scan 56 (1.520 min): VU042162.D\data.ms (-47)



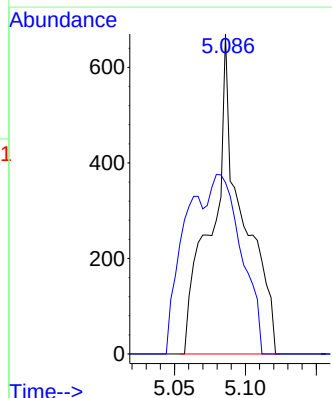
#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

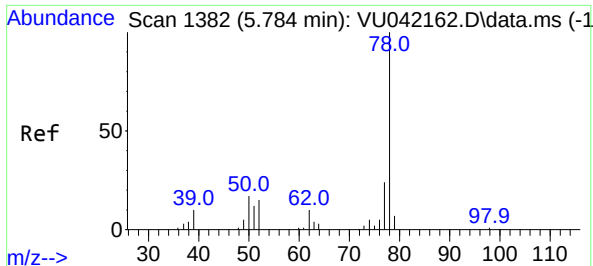
Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8



#25
Chloroform
Concen: 0.07 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.013 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

Tgt Ion: 83 Resp: 974
Ion Ratio Lower Upper
83 100
85 53.6 45.7 84.9

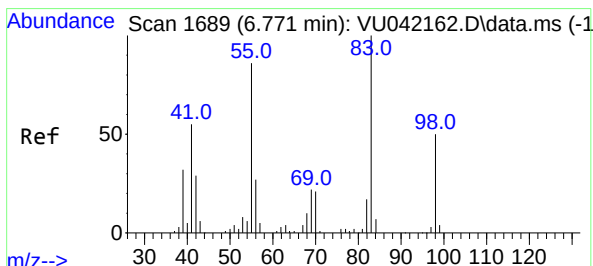
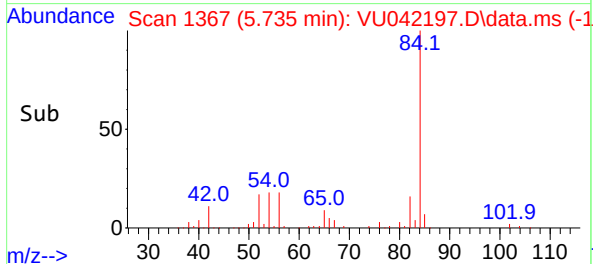
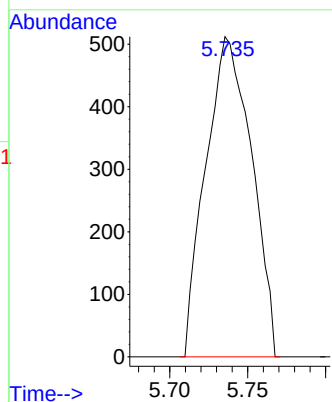
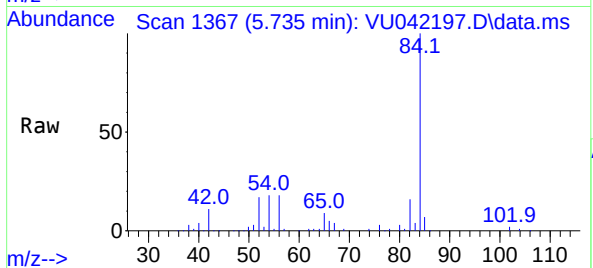




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

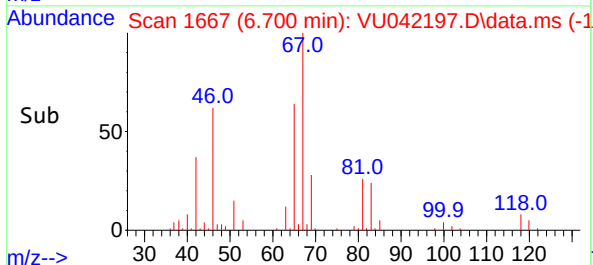
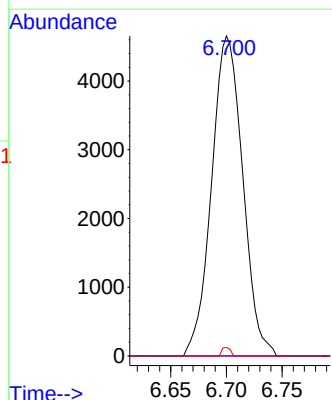
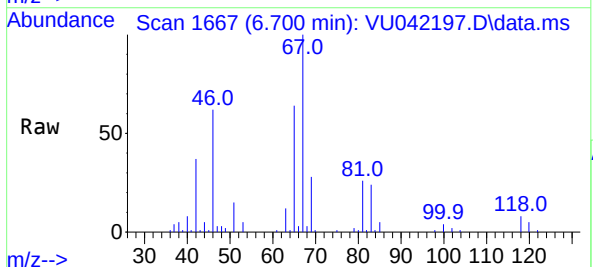
Instrument :
MSVOA_U
ClientSampled :

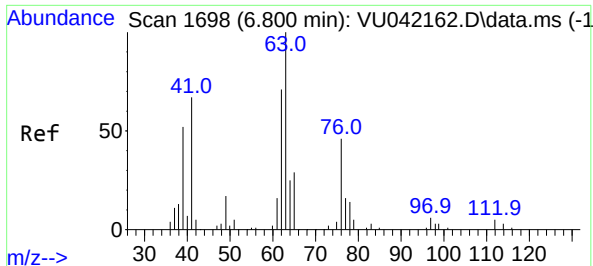
Tgt Ion: 78 Resp: 1049



#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

Tgt Ion: 83 Resp: 9056
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.7 39.7 59.5#

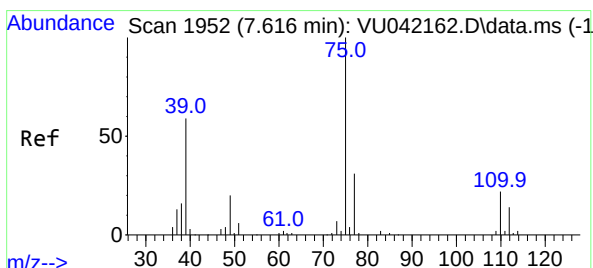
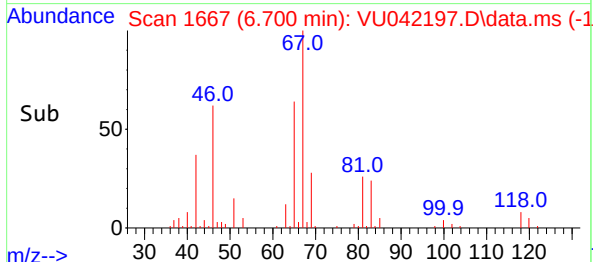
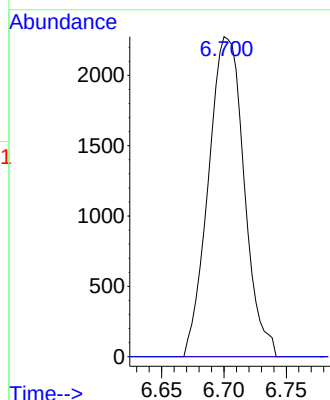
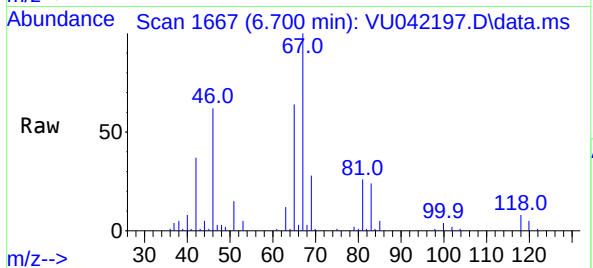




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

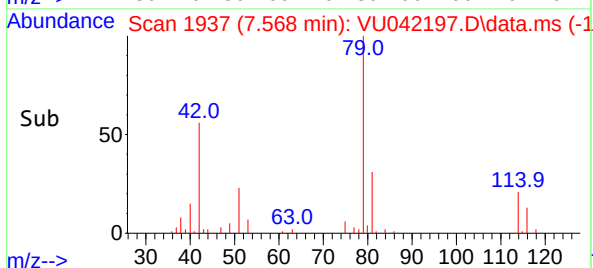
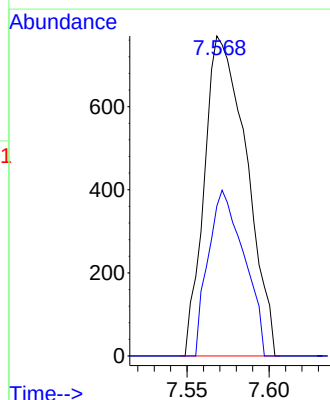
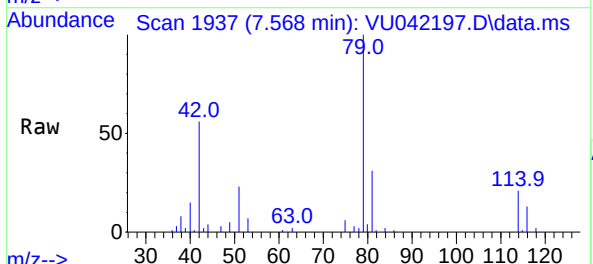
Instrument :
MSVOA_U
ClientSampled :

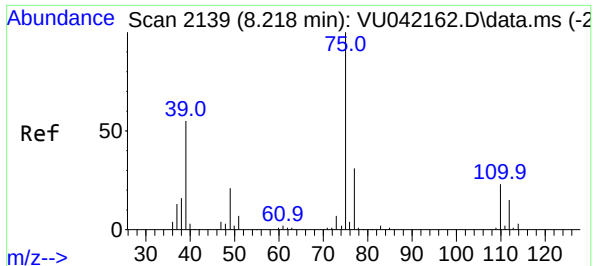
Tgt Ion: 63 Resp: 4537
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

Tgt Ion: 75 Resp: 1372
Ion Ratio Lower Upper
75 100
77 46.9 22.0 40.8#

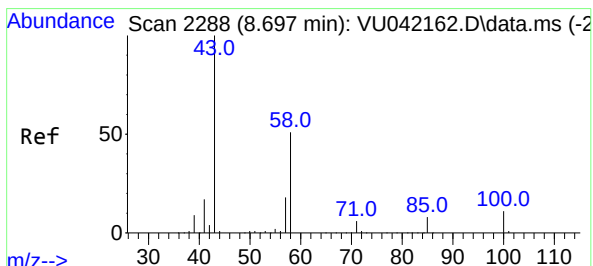
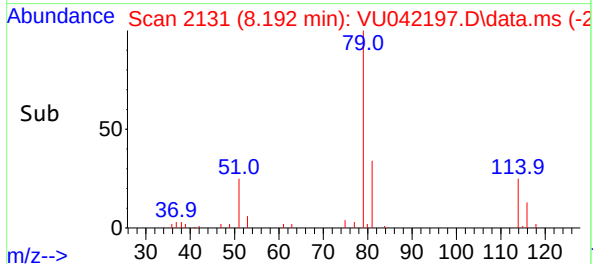
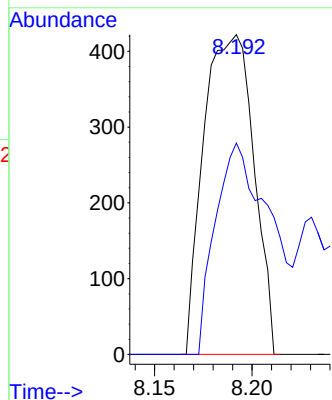
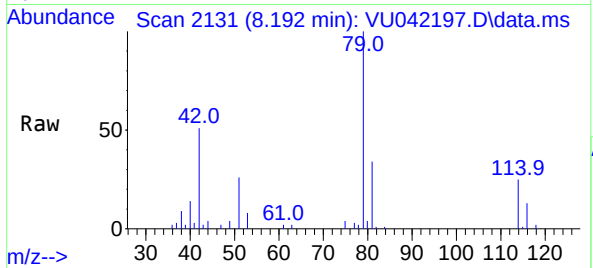




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

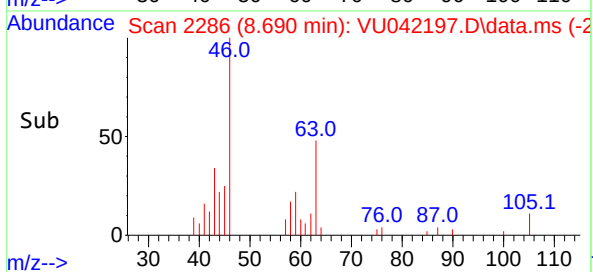
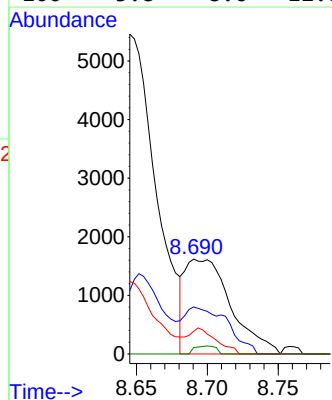
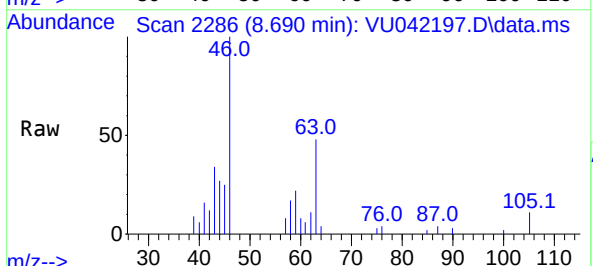
Instrument :
MSVOA_U
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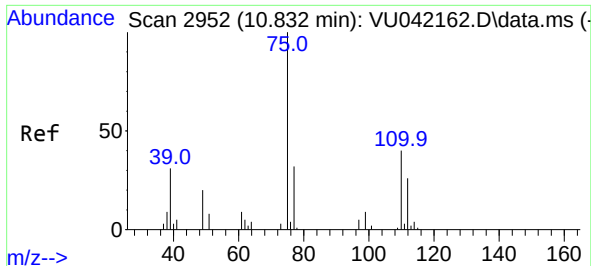
Tgt Ion: 75 Resp: 754
Ion Ratio Lower Upper
75 100
77 66.1 21.8 40.4#



#48
2-Hexanone
Concen: 0.85 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

Tgt Ion: 43 Resp: 3659
Ion Ratio Lower Upper
43 100
58 48.6 40.6 61.0
57 15.5 14.9 22.3
100 3.8 8.6 12.8#

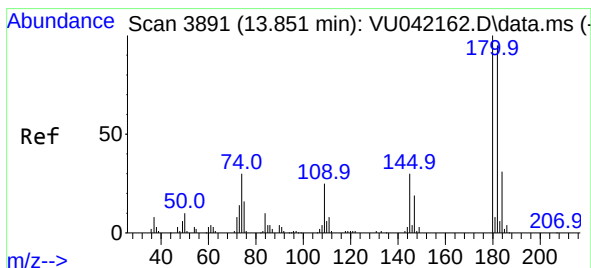
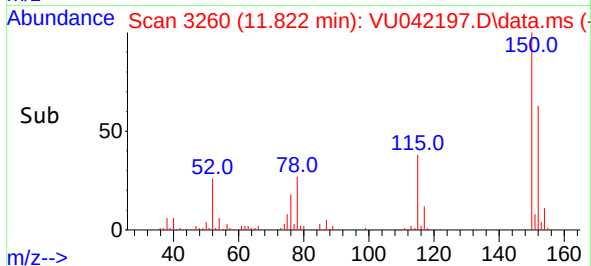
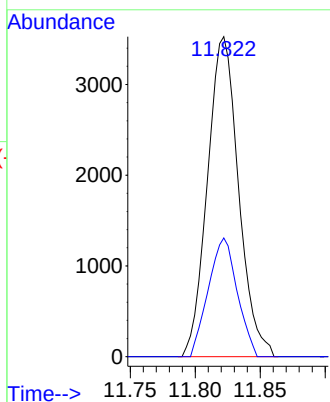
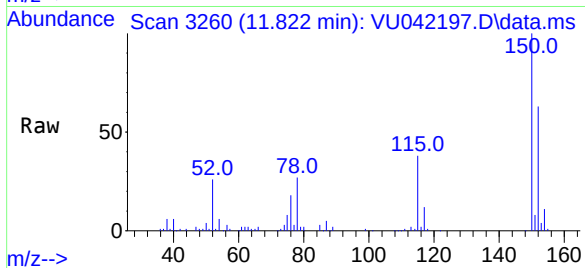




#59
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

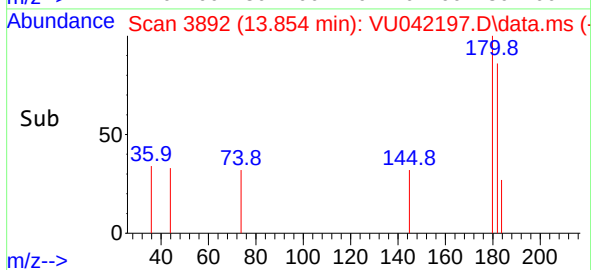
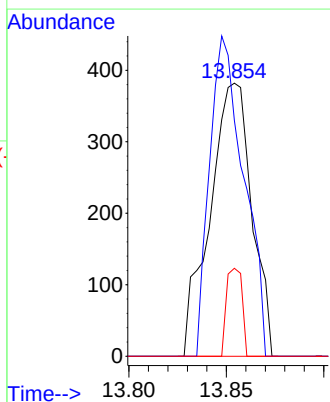
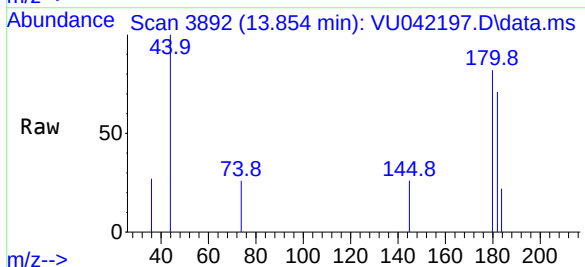
Instrument :
MSVOA_U
ClientSampled :

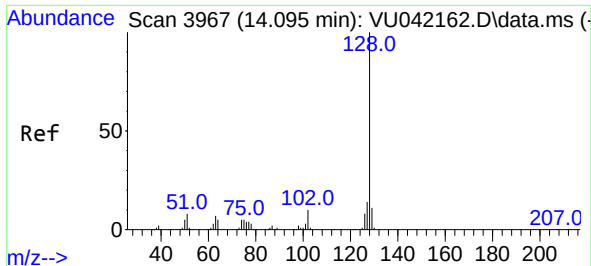
Tgt Ion: 75 Resp: 5870
Ion Ratio Lower Upper
75 100
77 34.3 26.0 39.0



#68
1,2,4-trichlorobenzene
Concen: 0.06 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

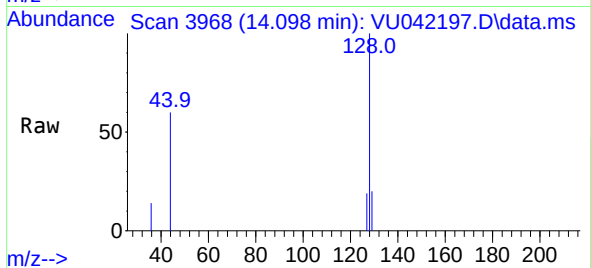
Tgt Ion:180 Resp: 572
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 11.9 23.7 35.5#





#69
Naphthalene
Concen: 0.12 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042197.D
Acq: 26 Jan 2021 14:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1558
Ion Ratio Lower Upper
128 100
129 7.0 8.7 13.1#
127 8.3 10.6 15.8#

