

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
 Data File : VU042192.D
 Acq On : 25 Jan 2021 13:28
 Operator : SY/MD
 Sample : VU0125WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 17:13:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 25 17:02:55 2021
 Response via : Initial Calibration

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

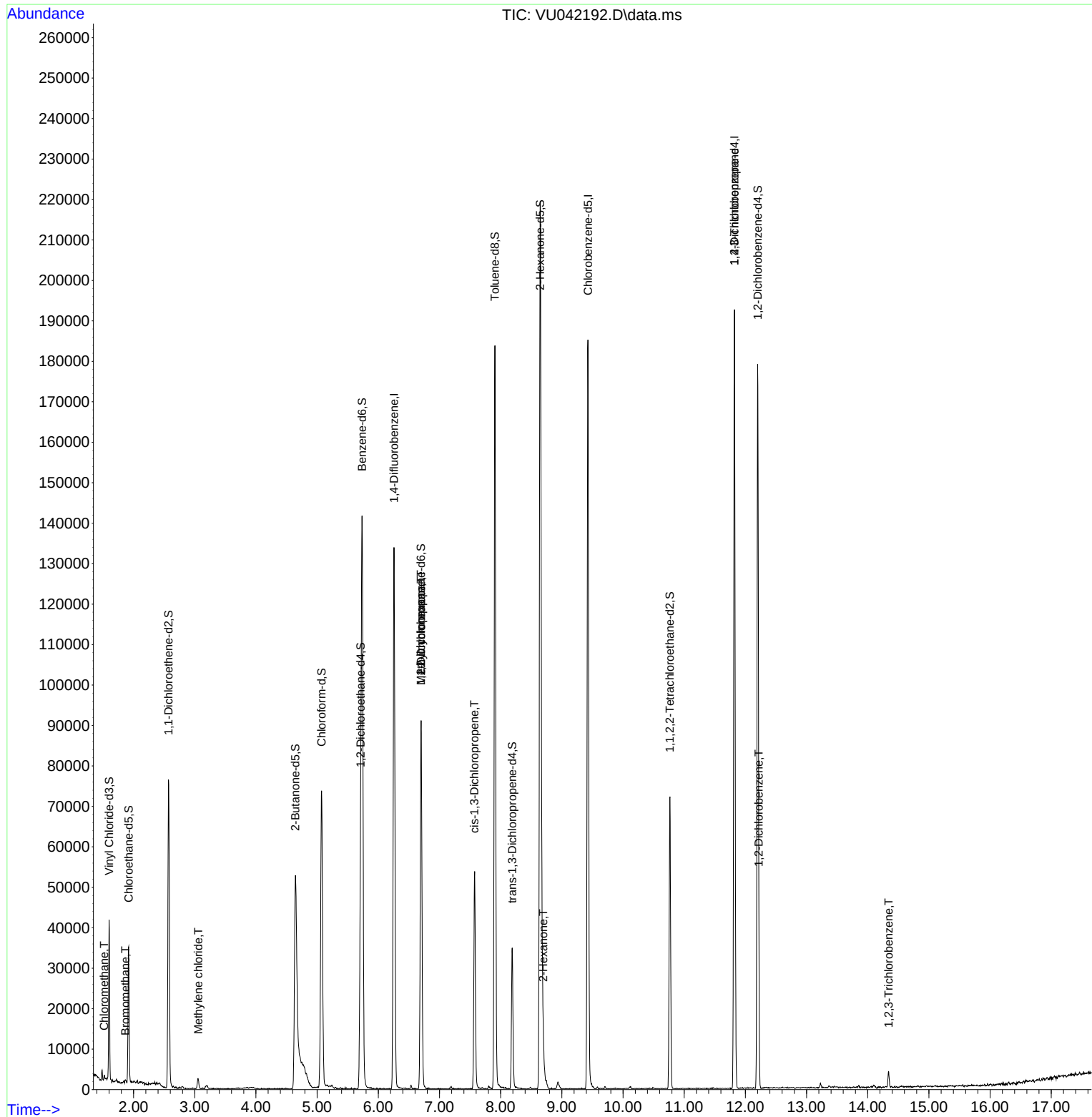
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	104617	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	98761	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	50280	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25813	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.919	69	22650	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.572	65	14656	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.645	46	103888	42.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.34%
24) Chloroform-d	5.073	84	65179	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.710	65	40571	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.735	84	120640	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	40008	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.906	98	114136	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloroprop...	8.189	79	19310	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.645	63	89684	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	34806	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	44964	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	846	0.10	ug/L	86
6) Bromomethane	1.864	94	379	0.09	ug/L	97
16) Methylene chloride	3.057	84	1146	0.14	ug/L	95
35) Methylcyclohexane	6.697	83	9721	0.78	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	4487	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1451	0.12	ug/L #	55
48) 2-Hexanone	8.697	43	4563	1.00	ug/L #	77
61) 1,2,3-Trichloropropane	11.822	75	5970	1.23	ug/L #	64
67) 1,2-Dichlorobenzene	12.221	146	915	0.06	ug/L #	76
72) 1,2,3-Trichlorobenzene	14.343	180	1585	0.17	ug/L	95

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

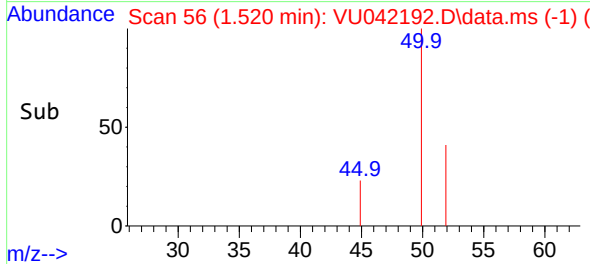
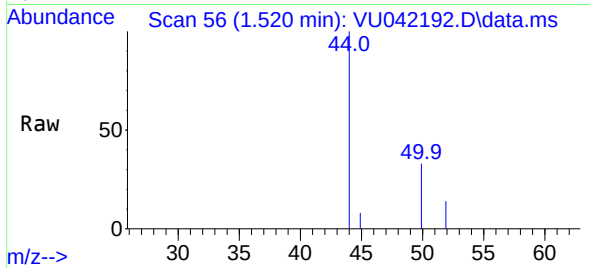
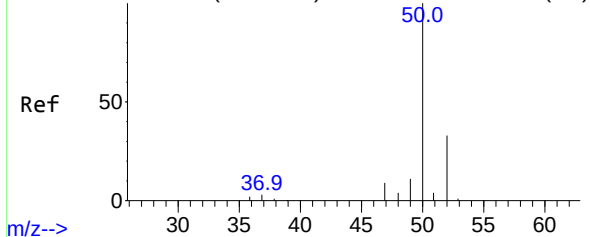
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Response via : Initial Calibration



Abundance Scan 56 (1.520 min): VU042188.D\data.ms (-48)



#3

Chloromethane

Concen: 0.10 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.000 min

Lab File: VU042192.D

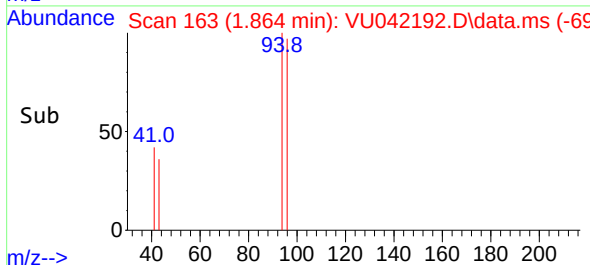
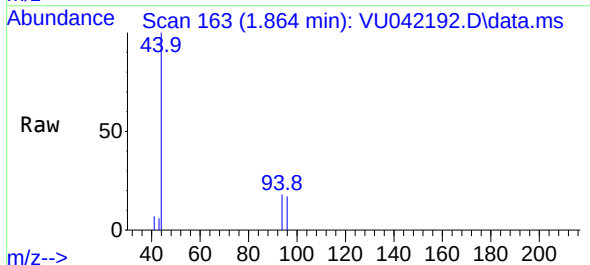
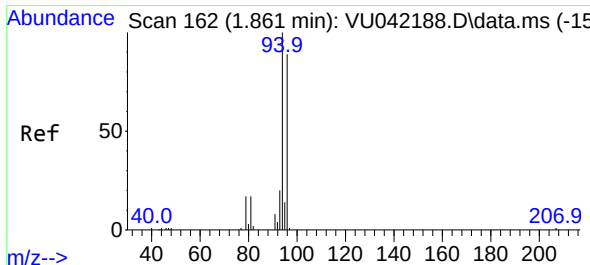
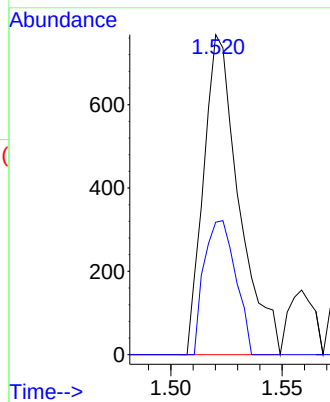
Acq: 25 Jan 2021 13:28

Tgt Ion: 50 Resp: 846

Ion Ratio Lower Upper

50 100

52 41.4 23.6 43.8



#6

Bromomethane

Concen: 0.09 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.003 min

Lab File: VU042192.D

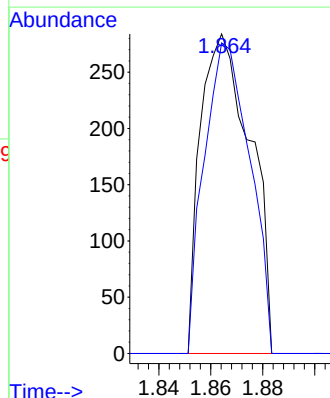
Acq: 25 Jan 2021 13:28

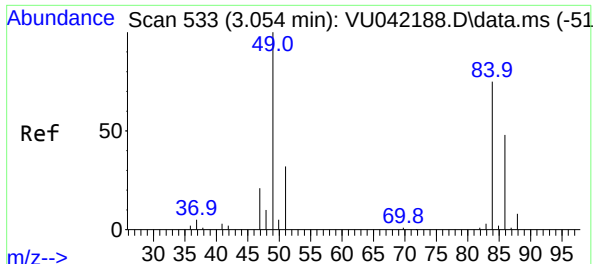
Tgt Ion: 94 Resp: 379

Ion Ratio Lower Upper

94 100

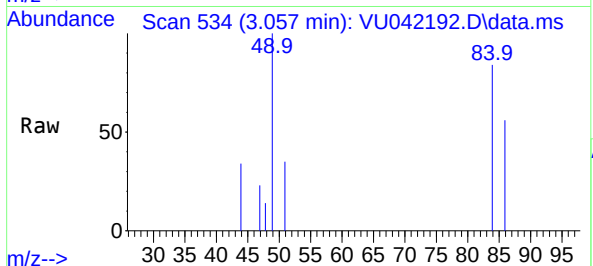
96 97.2 66.1 122.7



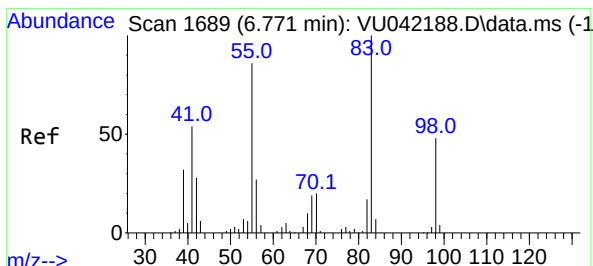
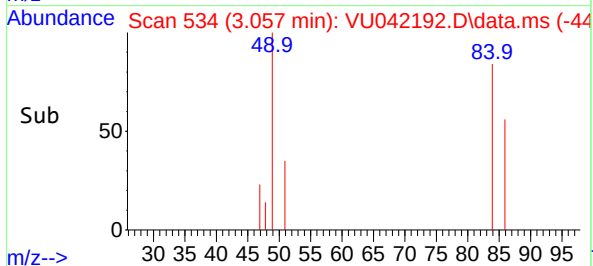
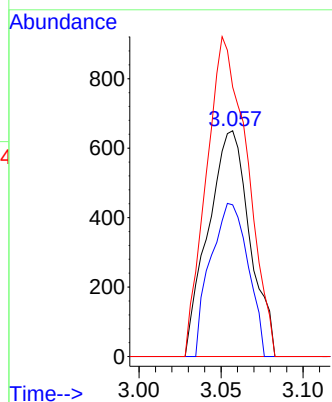


#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :

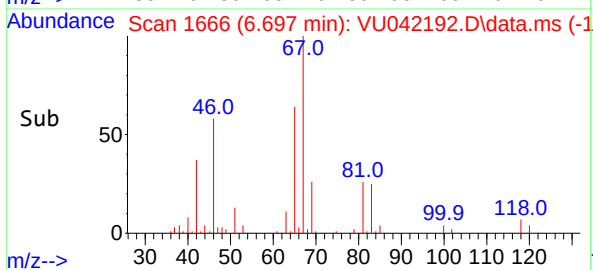
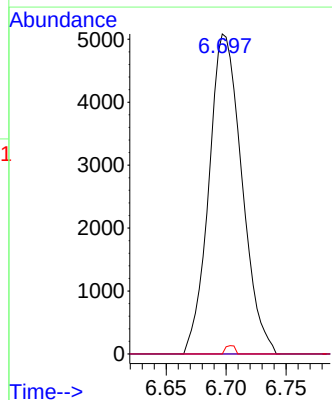
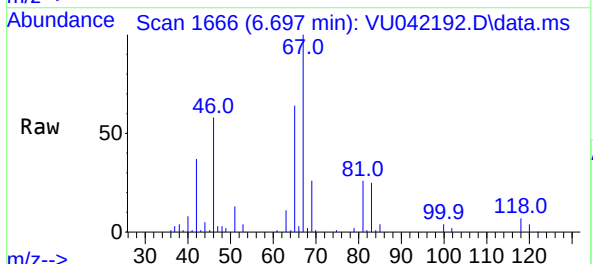


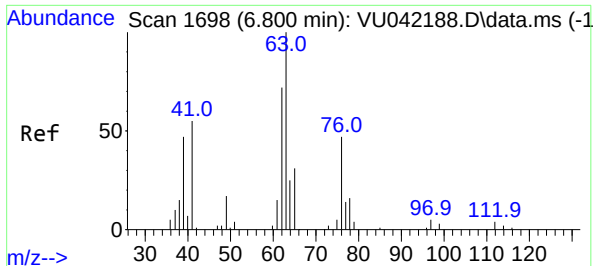
Tgt Ion: 84 Resp: 1146
Ion Ratio Lower Upper
84 100
86 67.2 44.9 83.5
49 119.4 79.0 146.8



#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

Tgt Ion: 83 Resp: 9721
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.7 37.9 56.9#

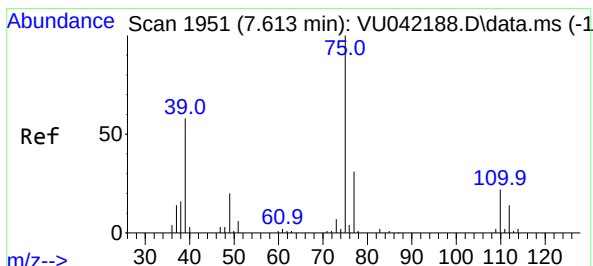
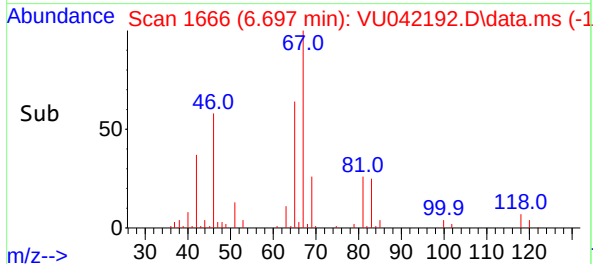
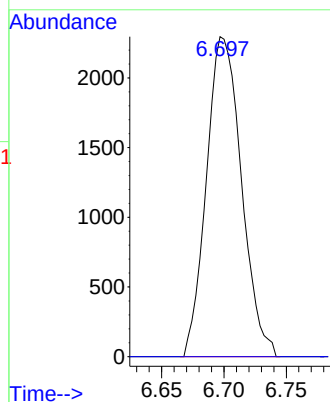
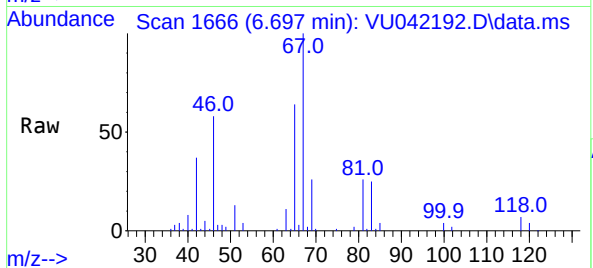




#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

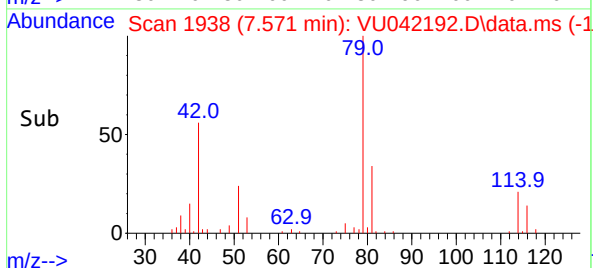
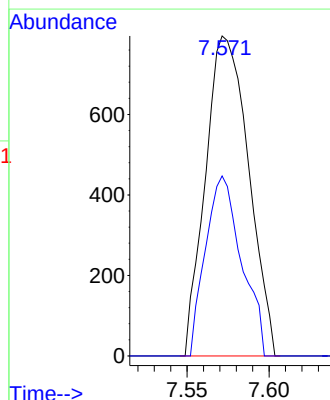
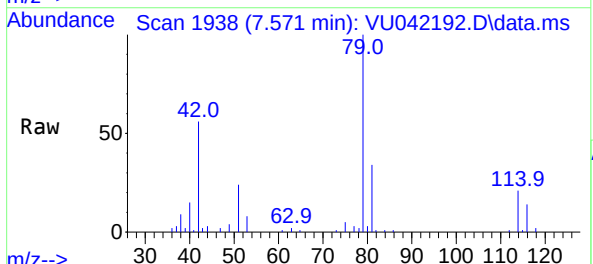
Instrument :
MSVOA_U
ClientSampled :

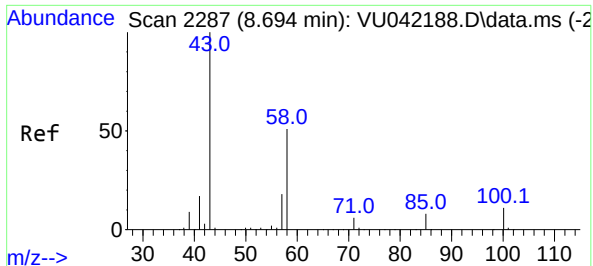
Tgt Ion: 63 Resp: 4487
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

Tgt Ion: 75 Resp: 1451
Ion Ratio Lower Upper
75 100
77 56.2 21.8 40.6#

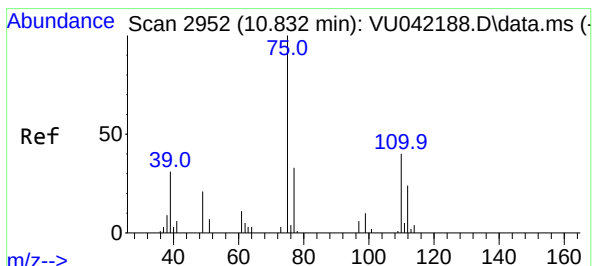
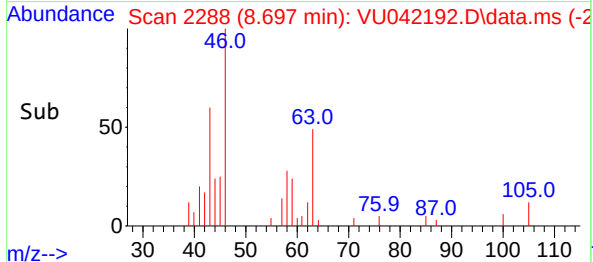
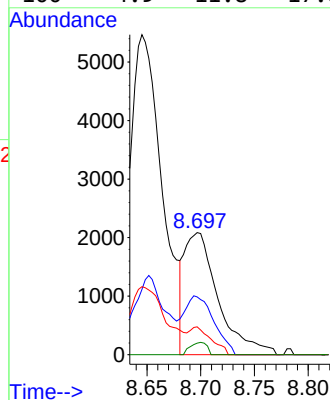
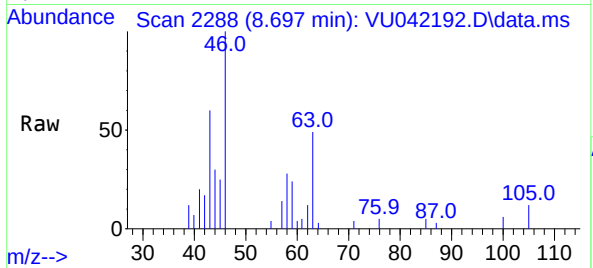




#48
2-Hexanone
Concen: 1.00 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

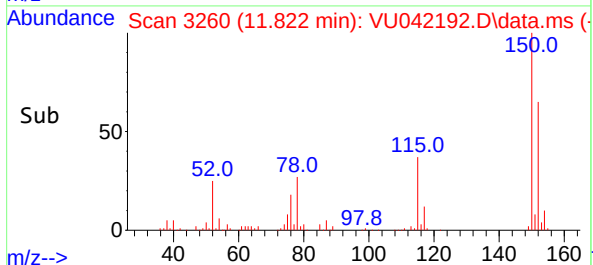
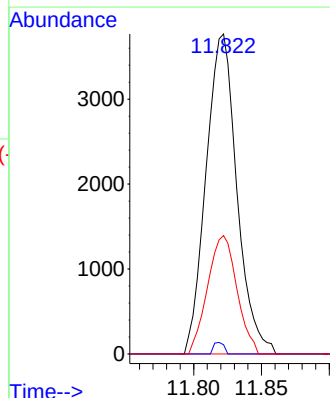
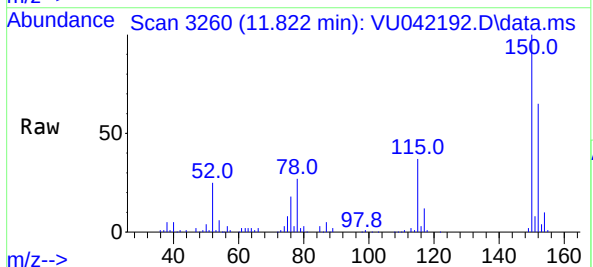
Instrument :
MSVOA_U
ClientSampled :

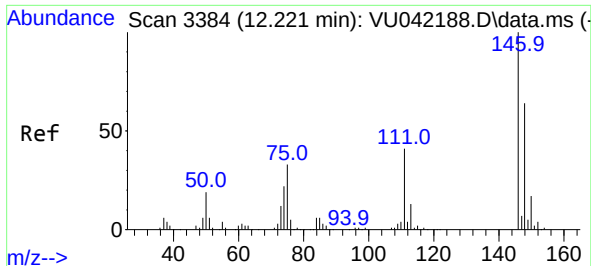
Tgt Ion:	43	Resp:	4563
Ion	Ratio	Lower	Upper
43	100		
58	43.5	50.0	75.0#
57	14.3	17.4	26.0#
100	4.9	11.8	17.8#



#61
1,2,3-Trichloropropane
Concen: 1.23 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

Tgt Ion:	75	Resp:	5970
Ion	Ratio	Lower	Upper
75	100		
110	1.2	31.5	47.3#
77	35.1	26.3	39.5

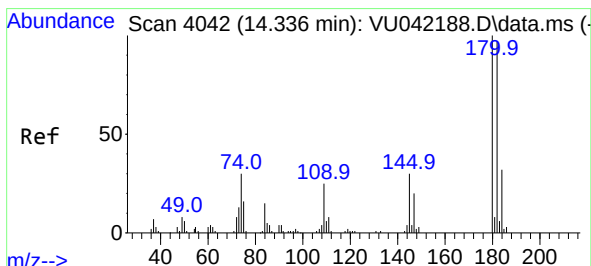
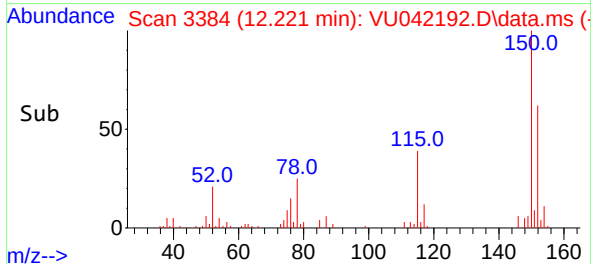
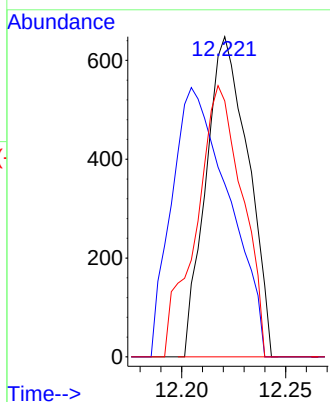
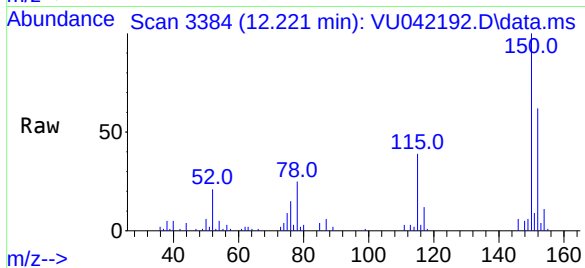




#67
1,2-Dichlorobenzene
Concen: 0.06 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 915
Ion Ratio Lower Upper
146 100
111 54.0 31.9 47.9#
148 79.9 48.8 73.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.17 ug/L
RT: 14.343 min Scan# 4044
Delta R.T. 0.006 min
Lab File: VU042192.D
Acq: 25 Jan 2021 13:28

Tgt Ion:180 Resp: 1585
Ion Ratio Lower Upper
180 100
182 89.2 75.8 113.8
145 30.6 25.0 37.4

