

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043707.D
 Acq On : 13 May 2021 15:58
 Operator : SY/MD
 Sample : M2376-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:50:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

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

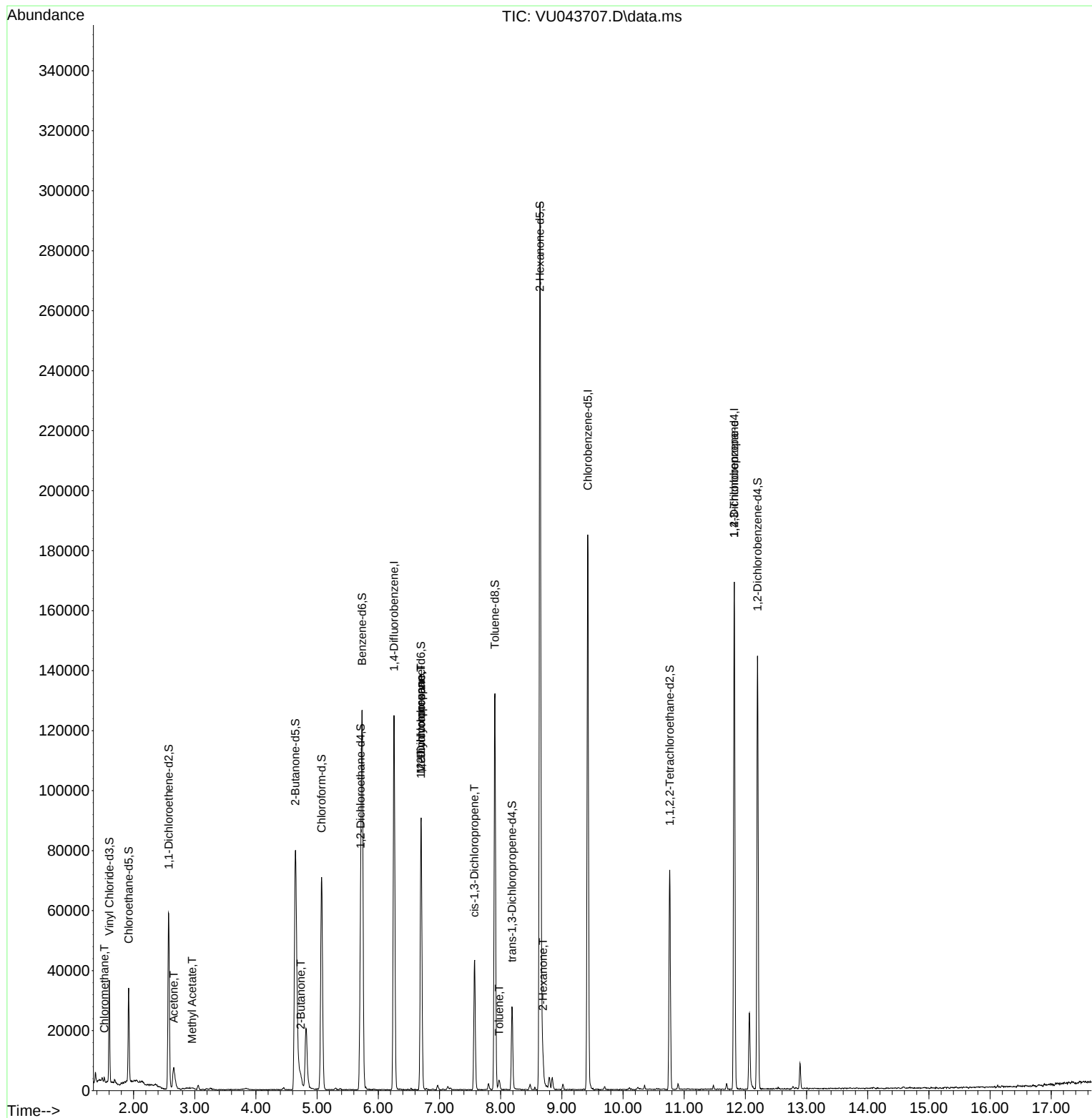
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	89747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90779	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22457	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.919	69	20807	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.575	65	11792	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.645	46	150826	67.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.64%#
24) Chloroform-d	5.073	84	61104	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.710	65	39547	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	104008	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.700	67	40044	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	80987	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloroprop...	8.185	79	14016	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.642	63	91654	62.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.80%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36058	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	33187	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1029	0.16	ug/L	98
13) Acetone	2.655	43	12454	8.34	ug/L	90
15) Methyl Acetate	2.954	43	337	0.10	ug/L #	58
21) 2-Butanone	4.732	43	5305	2.21	ug/L	95
35) Methylcyclohexane	6.700	83	8979	1.14	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4587	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1019	0.11	ug/L #	69
42) Toluene	7.976	91	2462	0.10	ug/L	99
48) 2-Hexanone	8.693	43	4058	0.94	ug/L #	92
61) 1,2,3-Trichloropropane	11.819	75	5976	1.46	ug/L #	69

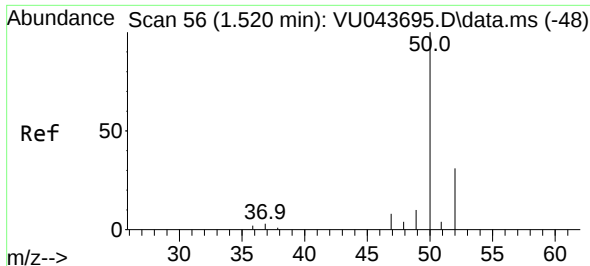
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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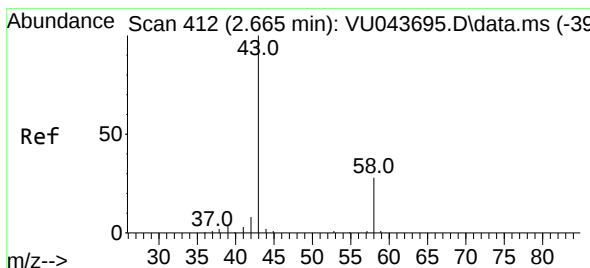
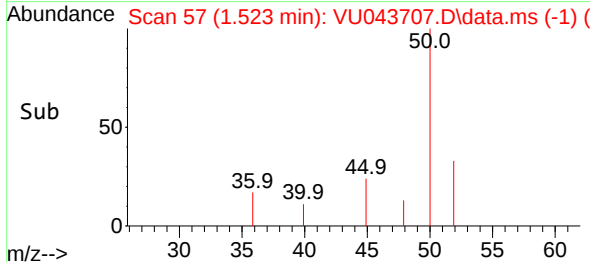
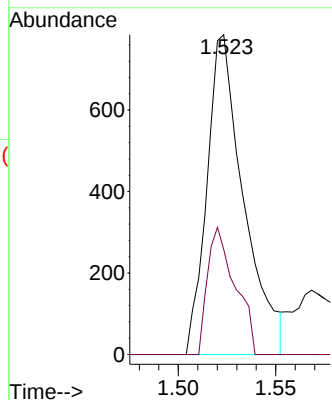
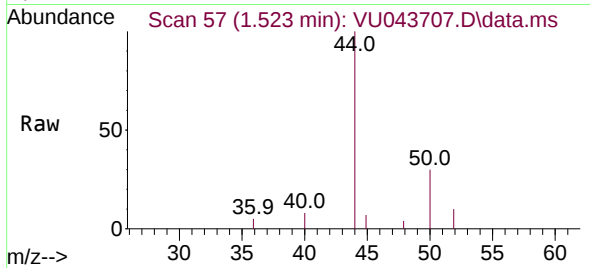




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

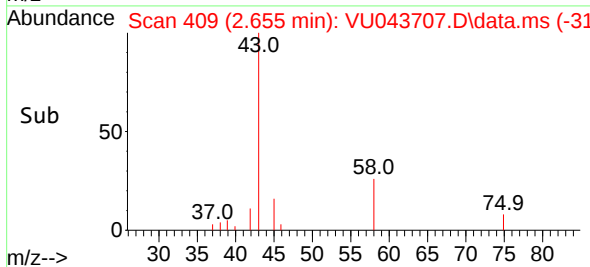
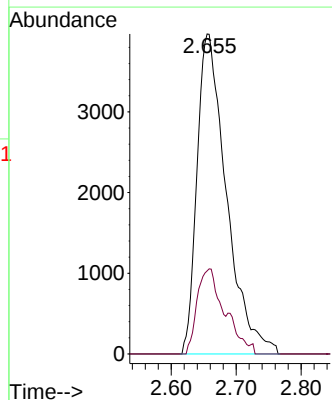
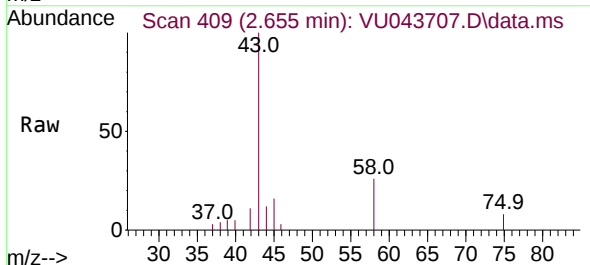
Instrument :
MSVOA_U
ClientSampled :

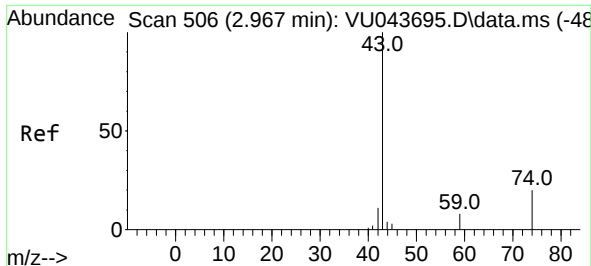
Tgt Ion: 50 Resp: 1029
Ion Ratio Lower Upper
50 100
52 32.9 22.1 41.1



#13
Acetone
Concen: 8.34 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

Tgt Ion: 43 Resp: 12454
Ion Ratio Lower Upper
43 100
58 20.1 0.0 50.8

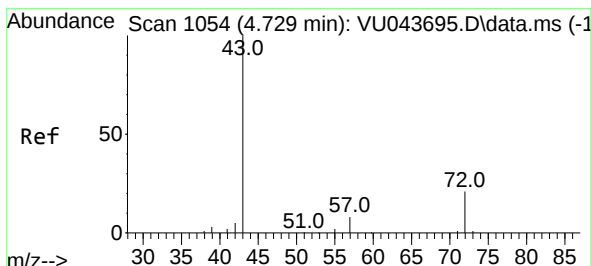
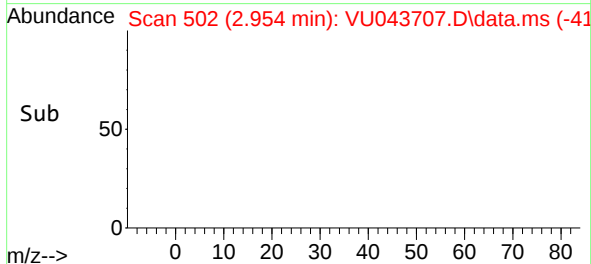
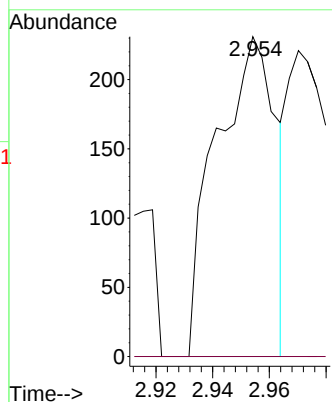
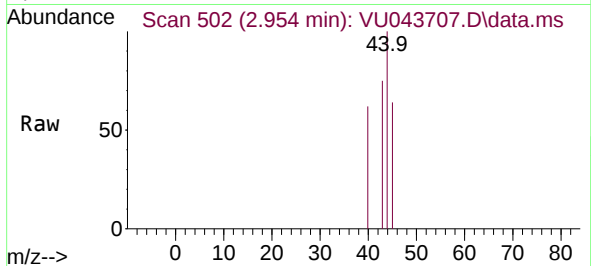




#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.013 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

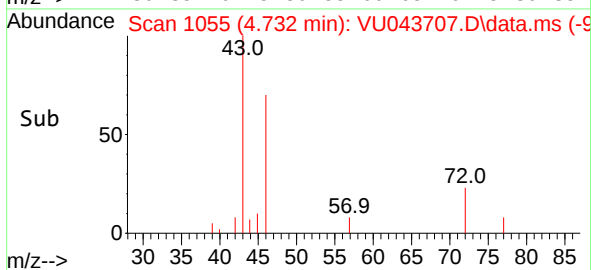
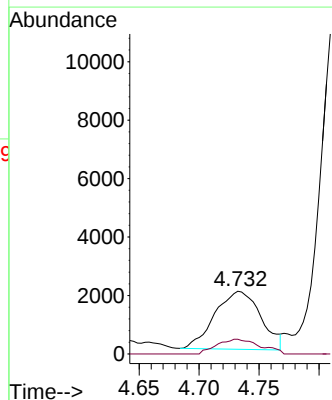
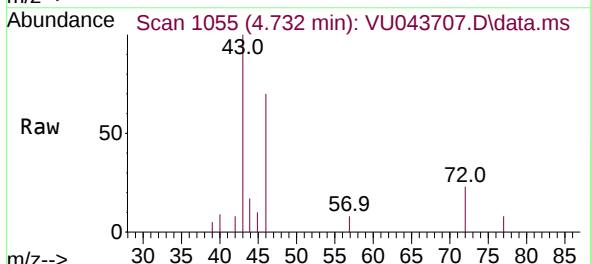
Instrument :
MSVOA_U
ClientSampled :

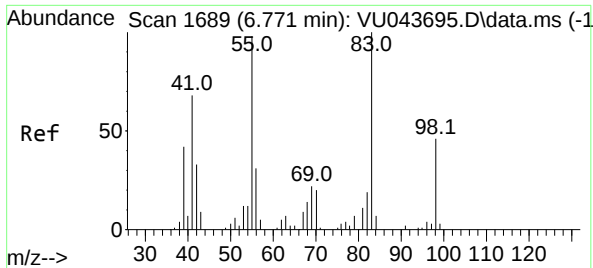
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#



#21
2-Butanone
Concen: 2.21 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.003 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

Tgt Ion: 43 Resp: 5305
Ion Ratio Lower Upper
43 100
72 23.8 10.8 32.4

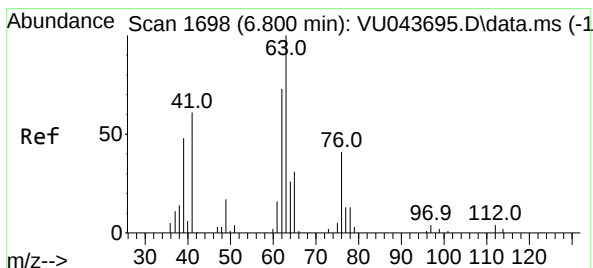
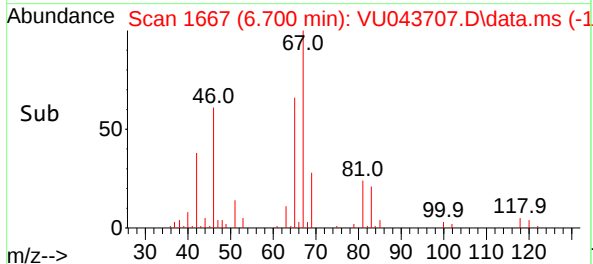
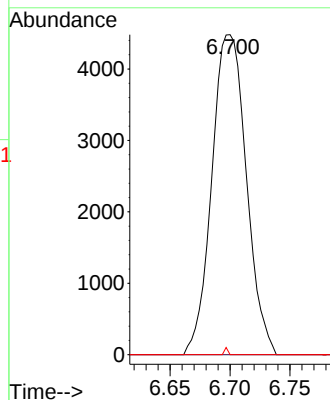
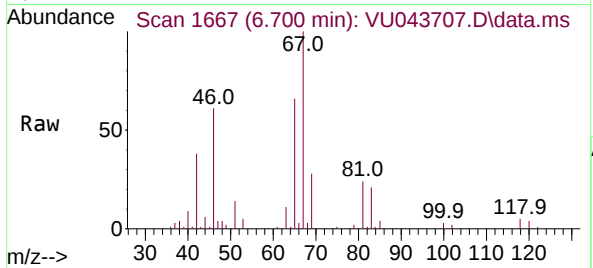




#35
Methylcyclohexane
Concen: 1.14 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

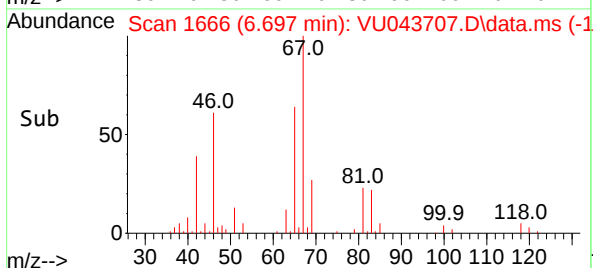
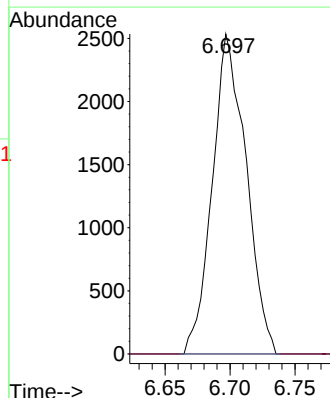
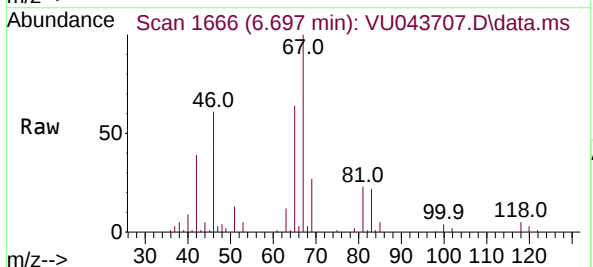
Instrument :
MSVOA_U
ClientSampled :

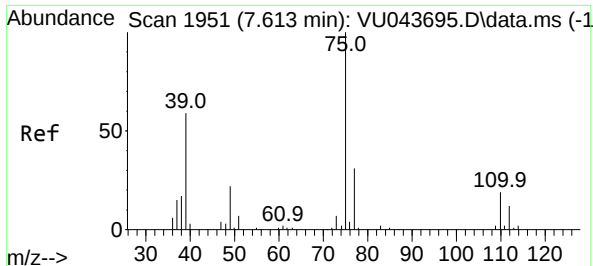
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.2	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

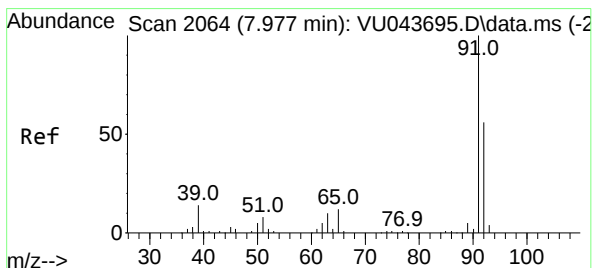
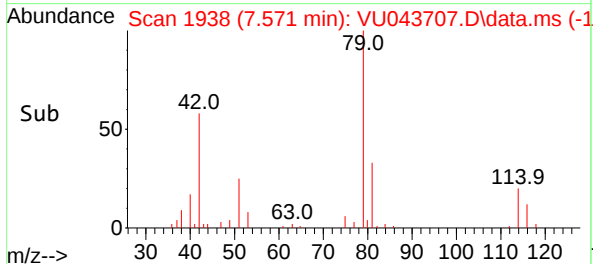
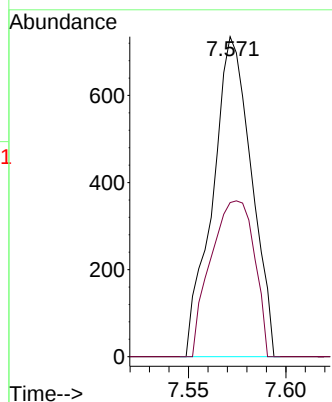
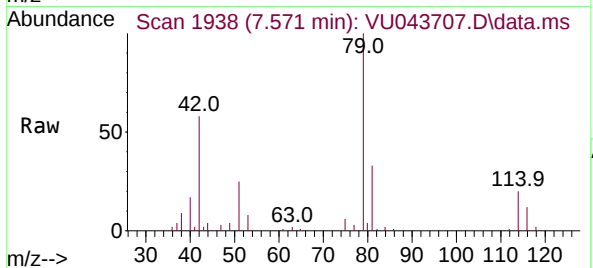




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU043707.D
 Acq: 13 May 2021 15:58

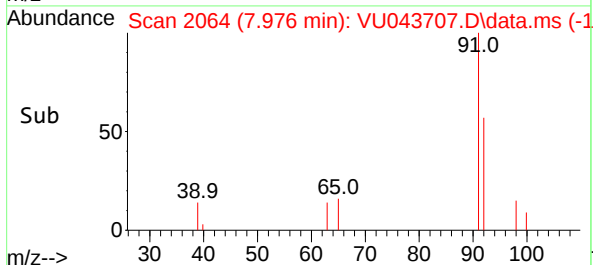
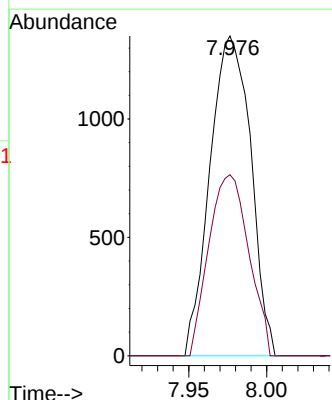
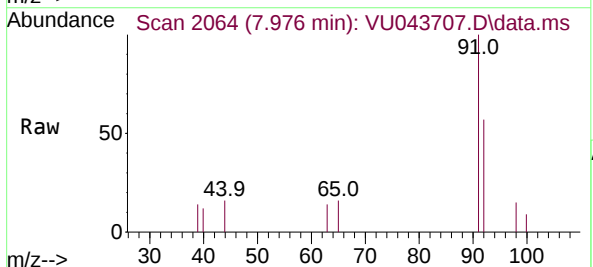
Instrument :
 MSVOA_U
 ClientSampled :

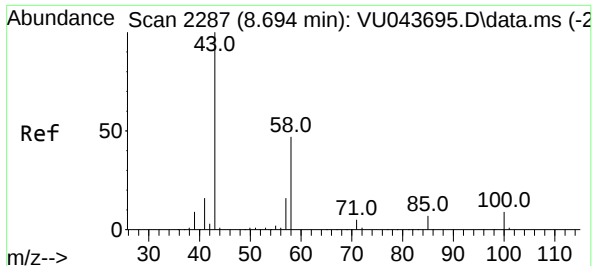
Tgt Ion: 75 Resp: 1019
 Ion Ratio Lower Upper
 75 100
 77 48.2 21.9 40.7#



#42
 Toluene
 Concen: 0.10 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VU043707.D
 Acq: 13 May 2021 15:58

Tgt Ion: 91 Resp: 2462
 Ion Ratio Lower Upper
 91 100
 92 56.6 39.1 72.5

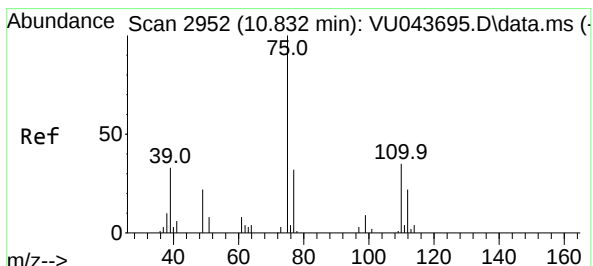
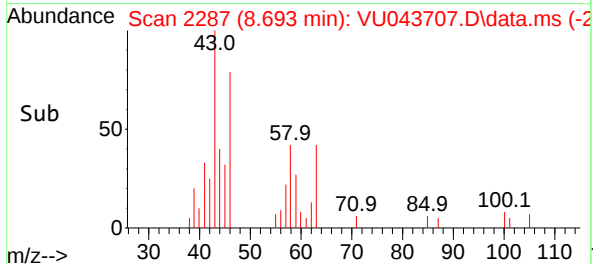
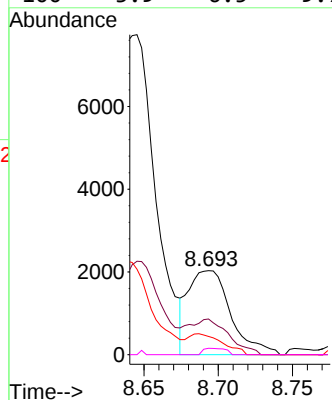
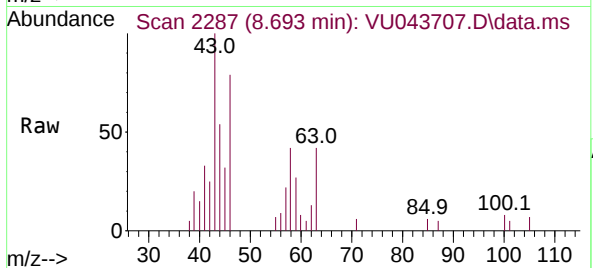




#48
2-Hexanone
Concen: 0.94 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

Instrument :
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ClientSampleId :

Tgt Ion:	43	Resp:	4058
Ion Ratio	Lower	Upper	
43	100		
58	40.4	36.8	55.2
57	19.3	13.2	19.8
100	3.9	6.5	9.7#



#61
1,2,3-Trichloropropane
Concen: 1.46 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043707.D
Acq: 13 May 2021 15:58

Tgt Ion:	75	Resp:	5976
Ion Ratio	Lower	Upper	
75	100		
110	1.4	28.6	42.8#
77	32.8	25.7	38.5

