

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043703.D
 Acq On : 13 May 2021 14:22
 Operator : SY/MD
 Sample : M2376-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:49:52 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)

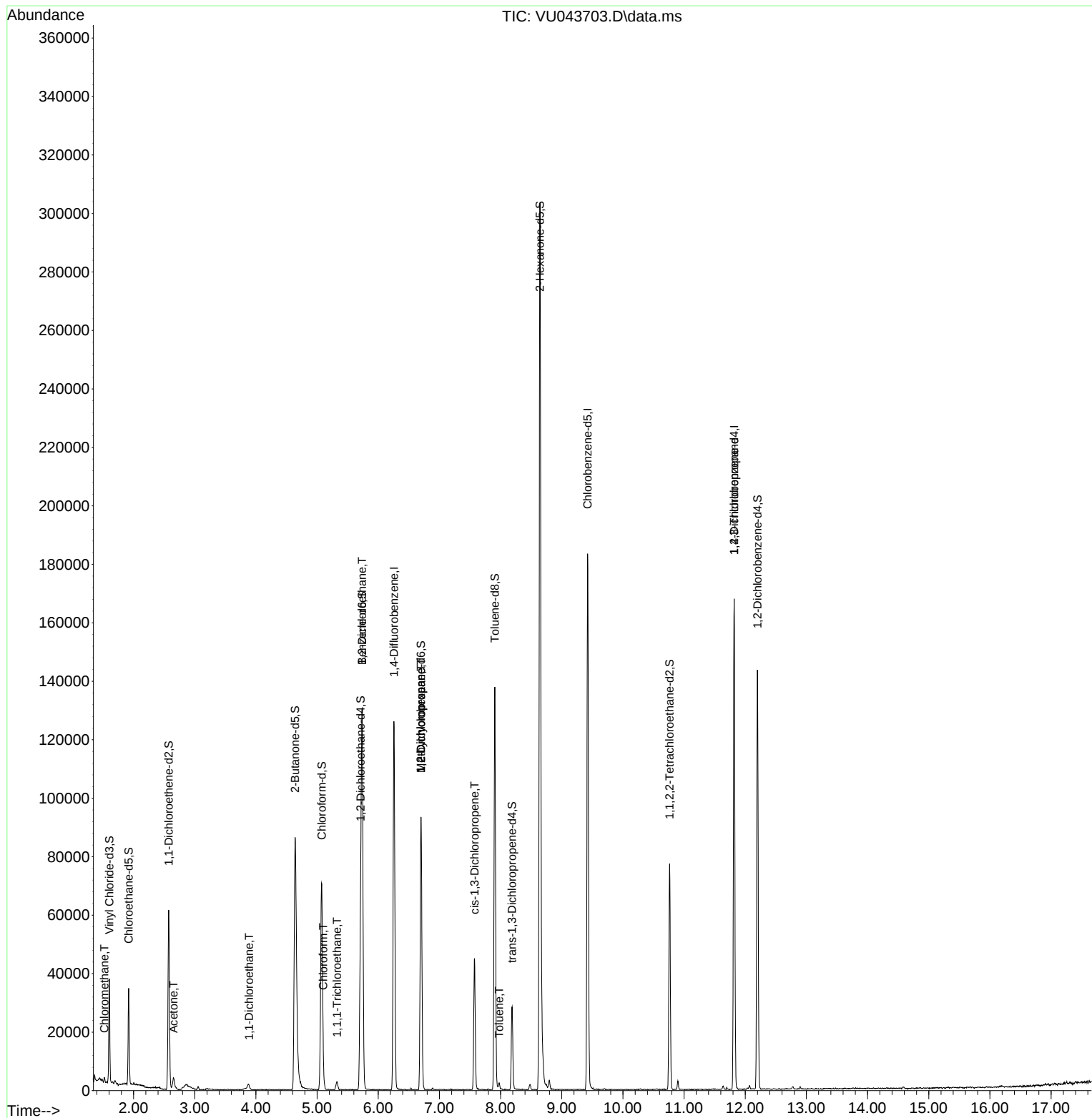
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91469	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91199	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40528	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23489	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.919	69	21160	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.575	65	11981	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.642	46	155050	67.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.80%#
24) Chloroform-d	5.076	84	62758	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.713	65	40505	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.735	84	107059	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.700	67	42087	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	85267	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloroprop...	8.185	79	15086	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.642	63	92528	63.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36743	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	34177	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1180	0.18	ug/L	94
13) Acetone	2.652	43	6137	4.03	ug/L	98
19) 1,1-Dichloroethane	3.886	63	2261	0.18	ug/L	88
25) Chloroform	5.099	83	2952	0.22	ug/L	87
27) 1,2-Dichloroethane	5.735	62	699	0.08	ug/L #	78
29) 1,1,1-Trichloroethane	5.327	97	2292	0.21	ug/L	93
35) Methylcyclohexane	6.700	83	8903	1.12	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4701	0.66	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	999	0.11	ug/L #	54
42) Toluene	7.976	91	1556	0.06	ug/L	99
61) 1,2,3-Trichloropropane	11.819	75	5477	1.34	ug/L #	67

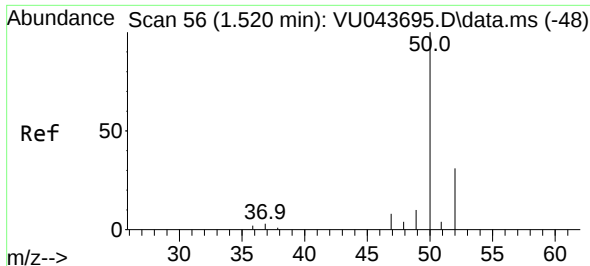
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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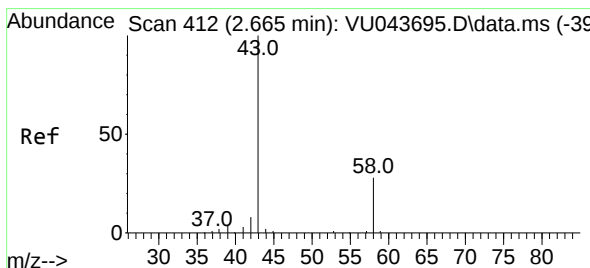
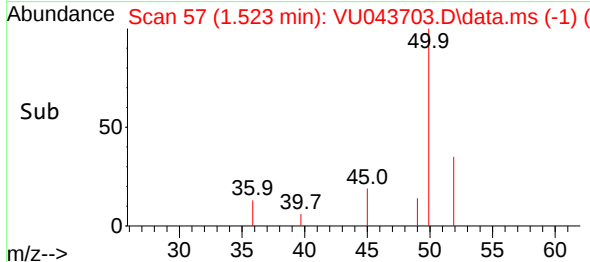
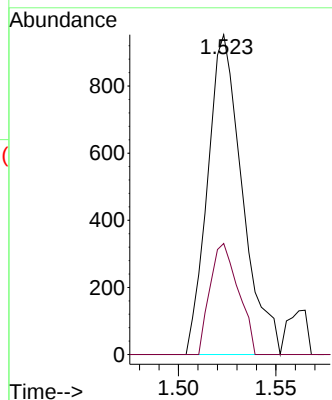
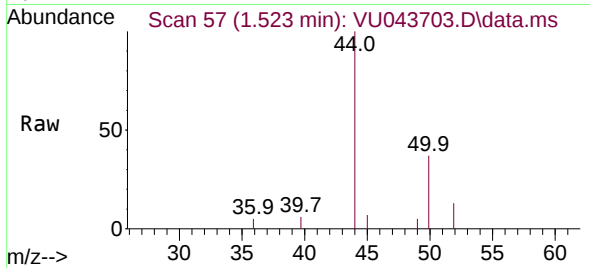




#3
Chloromethane
Concen: 0.18 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043703.D
Acq: 13 May 2021 14:22

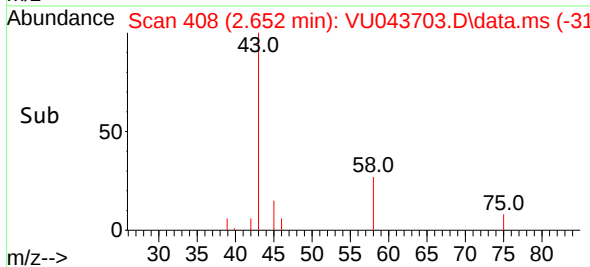
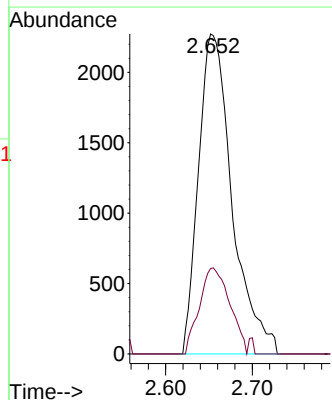
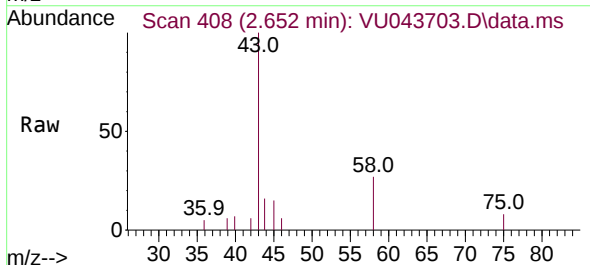
Instrument :
MSVOA_U
ClientSampled :

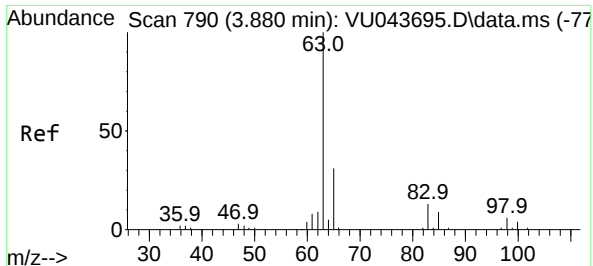
Tgt Ion: 50 Resp: 1180
Ion Ratio Lower Upper
50 100
52 34.7 22.1 41.1



#13
Acetone
Concen: 4.03 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU043703.D
Acq: 13 May 2021 14:22

Tgt Ion: 43 Resp: 6137
Ion Ratio Lower Upper
43 100
58 24.4 0.0 50.8





#19

1,1-Dichloroethane

Concen: 0.18 ug/L

RT: 3.886 min Scan# 792

Delta R.T. 0.006 min

Lab File: VU043703.D

Acq: 13 May 2021 14:22

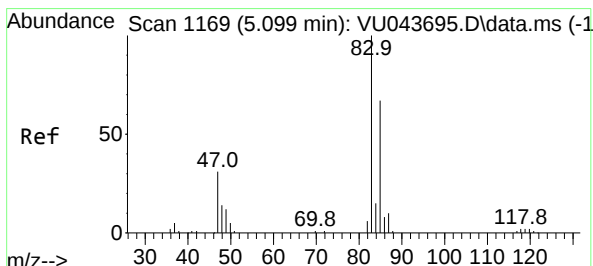
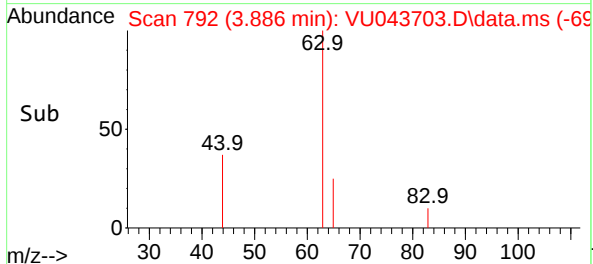
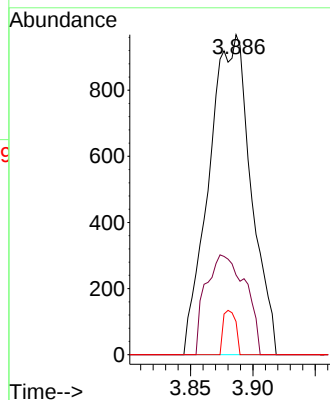
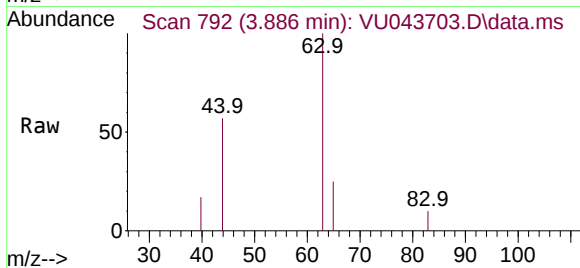
Tgt Ion: 63 Resp: 2261

Ion Ratio Lower Upper

63 100

65 24.9 22.7 42.1

83 10.3 9.4 17.4



#25

Chloroform

Concen: 0.22 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU043703.D

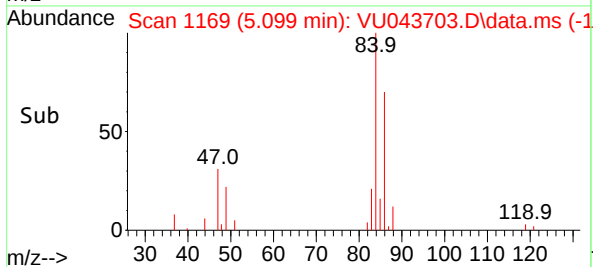
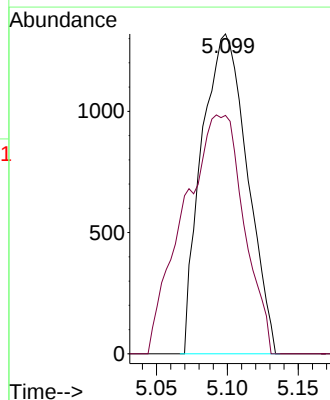
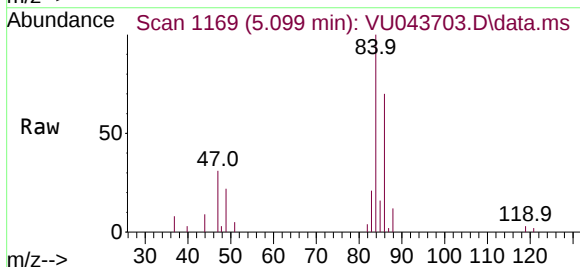
Acq: 13 May 2021 14:22

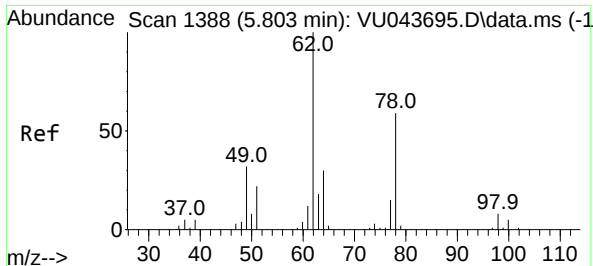
Tgt Ion: 83 Resp: 2952

Ion Ratio Lower Upper

83 100

85 74.5 45.1 83.9

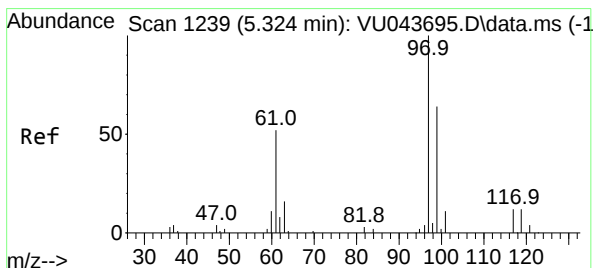
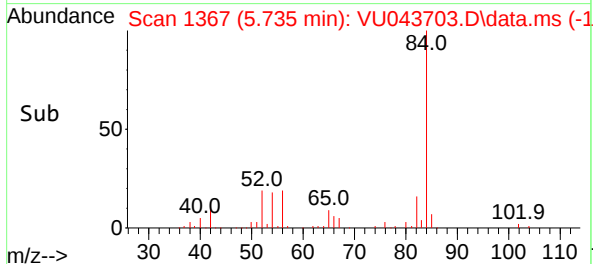
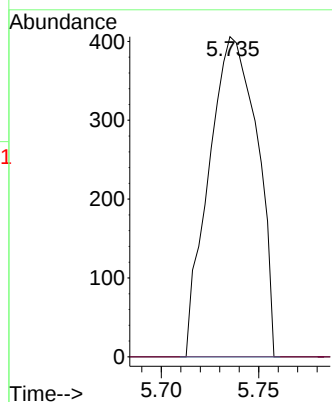
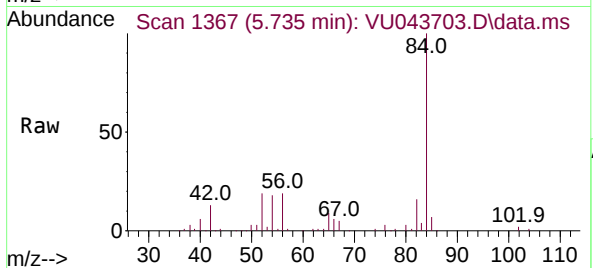




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043703.D
Acq: 13 May 2021 14:22

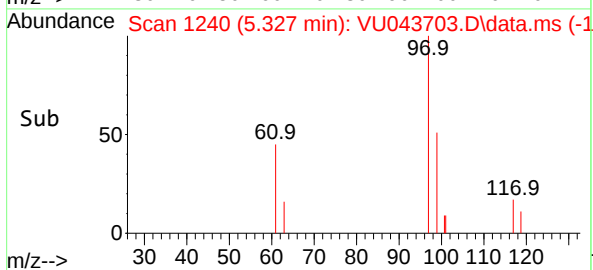
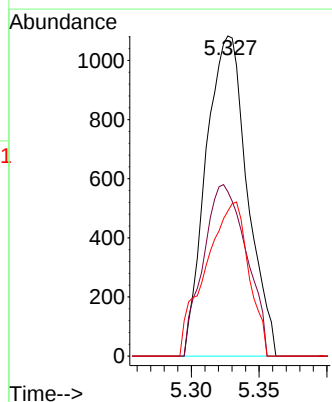
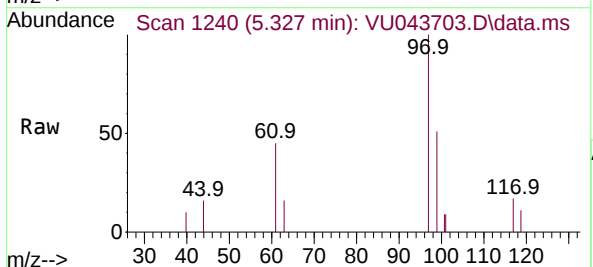
Instrument :
MSVOA_U
ClientSampled :

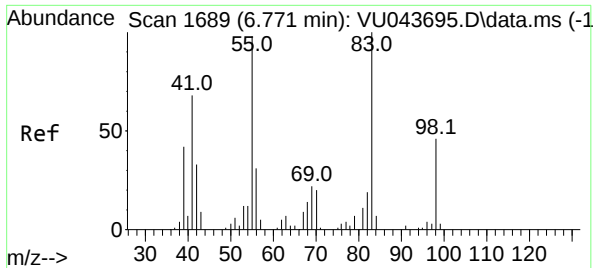
Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#29
1,1,1-Trichloroethane
Concen: 0.21 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043703.D
Acq: 13 May 2021 14:22

Tgt Ion: 97 Resp: 2292
Ion Ratio Lower Upper
97 100
99 55.9 51.8 77.6
61 50.3 39.8 59.8

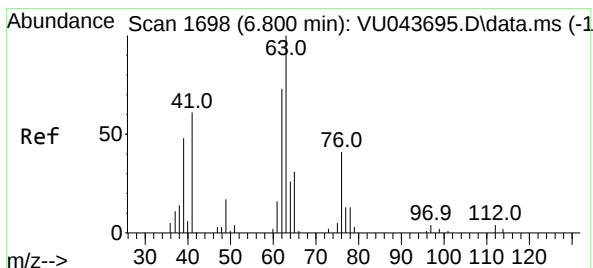
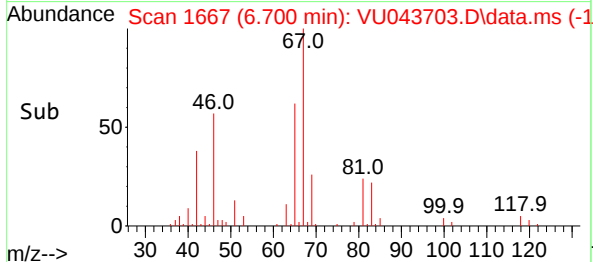
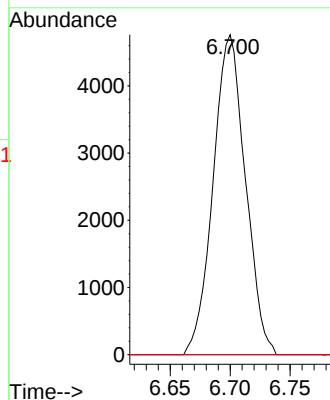
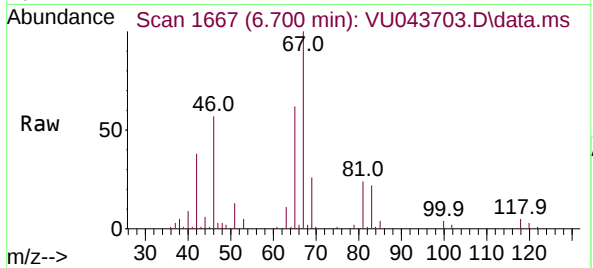




#35
Methylcyclohexane
Concen: 1.12 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043703.D
Acq: 13 May 2021 14:22

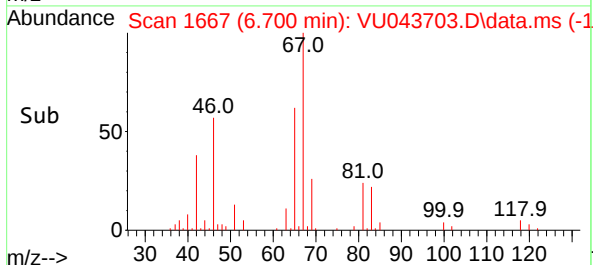
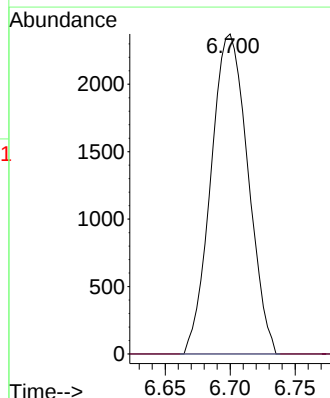
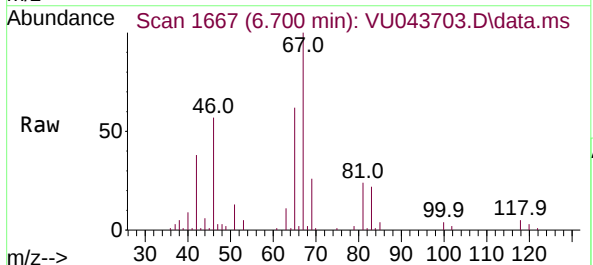
Instrument :
MSVOA_U
ClientSampled :

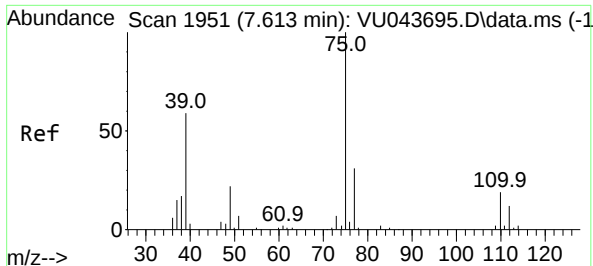
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.5	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043703.D
Acq: 13 May 2021 14:22

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

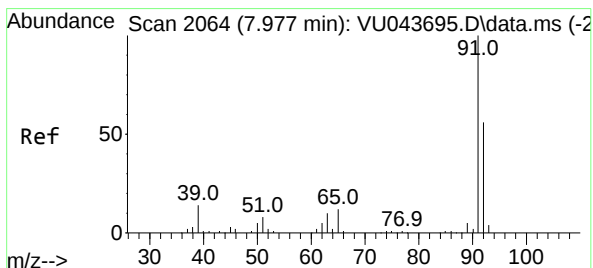
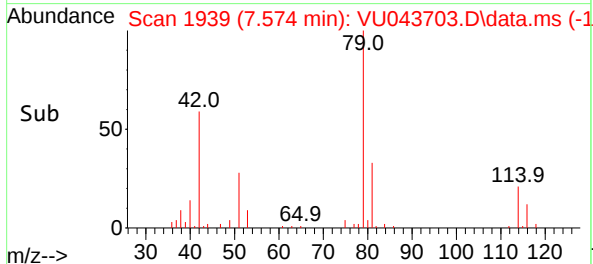
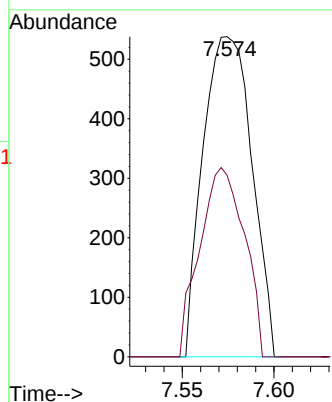
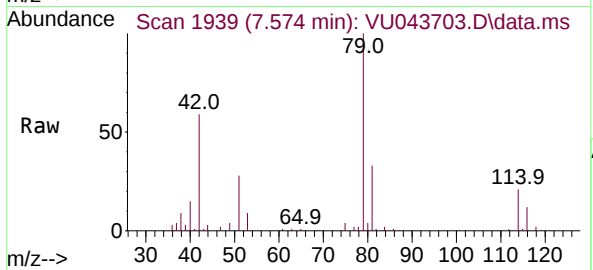




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.574 min Scan# 1939
 Delta R.T. -0.039 min
 Lab File: VU043703.D
 Acq: 13 May 2021 14:22

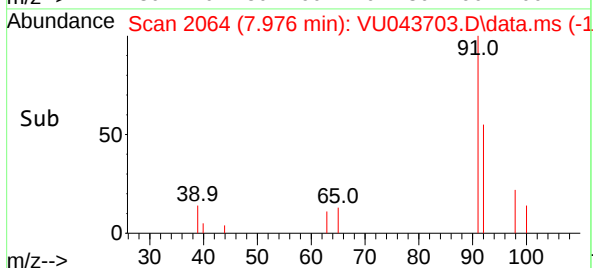
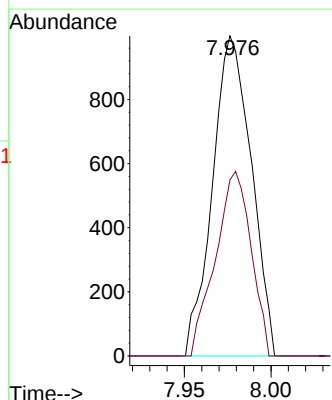
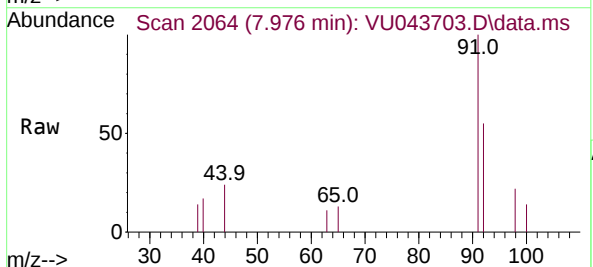
Instrument :
 MSVOA_U
 ClientSampled :

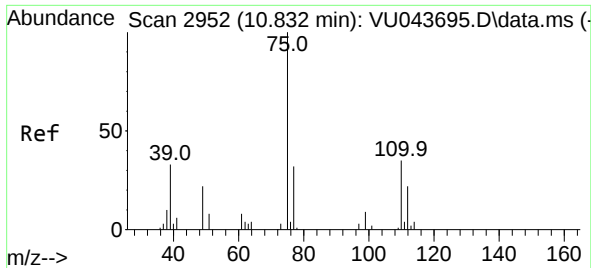
Tgt Ion: 75 Resp: 999
 Ion Ratio Lower Upper
 75 100
 77 56.7 21.9 40.7#



#42
 Toluene
 Concen: 0.06 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VU043703.D
 Acq: 13 May 2021 14:22

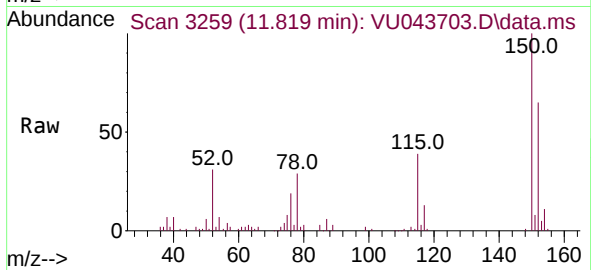
Tgt Ion: 91 Resp: 1556
 Ion Ratio Lower Upper
 91 100
 92 55.0 39.1 72.5





#61
 1,2,3-Trichloropropane
 Concen: 1.34 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043703.D
 Acq: 13 May 2021 14:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5477
 Ion Ratio Lower Upper
 75 100
 110 0.9 28.6 42.8#
 77 34.1 25.7 38.5

