

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043702.D
 Acq On : 13 May 2021 13:57
 Operator : SY/MD
 Sample : M2376-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:49:43 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	91527	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90472	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40086	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23651	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	1.919	69	20868	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.575	65	11827	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.642	46	150079	65.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.36%#
24) Chloroform-d	5.073	84	62465	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.713	65	39560	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.735	84	106459	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.700	67	42201	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	85521	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloroprop...	8.185	79	14621	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.642	63	91248	62.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.68%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36697	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	34674	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

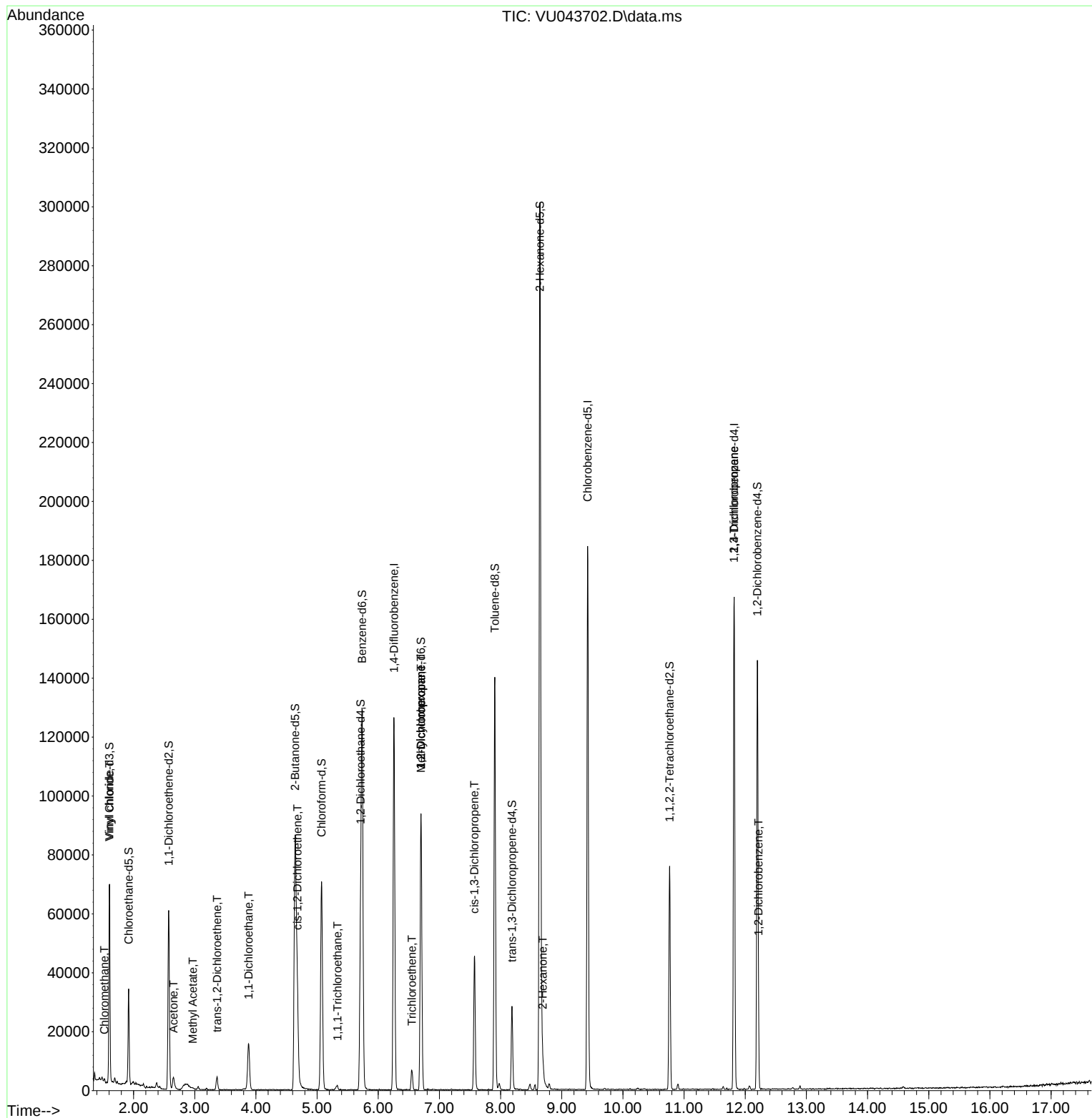
Target Compounds					Qvalue
3) Chloromethane	1.523	50	705	0.11	ug/L 93
5) Vinyl chloride	1.607	62	24863	4.01	ug/L 99
13) Acetone	2.652	43	5541	3.64	ug/L 99
15) Methyl Acetate	2.970	43	670	0.19	ug/L # 58
18) trans-1,2-Dichloroethene	3.366	96	1670	0.31	ug/L 97
19) 1,1-Dichloroethane	3.880	63	18100	1.43	ug/L 98
22) cis-1,2-Dichloroethene	4.678	96	10134	1.62	ug/L 98
29) 1,1,1-Trichloroethane	5.333	97	1230	0.12	ug/L 98
34) Trichloroethene	6.549	95	2621	0.43	ug/L 87
35) Methylcyclohexane	6.697	83	9371	1.19	ug/L # 12
37) 1,2-Dichloropropane	6.700	63	4803	0.68	ug/L # 90
39) cis-1,3-Dichloropropene	7.571	75	1009	0.11	ug/L # 56
48) 2-Hexanone	8.690	43	3582	0.83	ug/L # 86
61) 1,2,3-Trichloropropane	11.816	75	5484	1.35	ug/L # 67
67) 1,2-Dichlorobenzene	12.217	146	857	0.08	ug/L 94

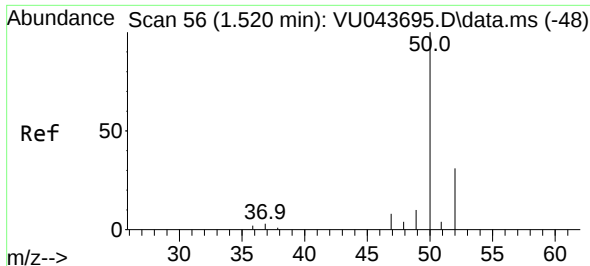
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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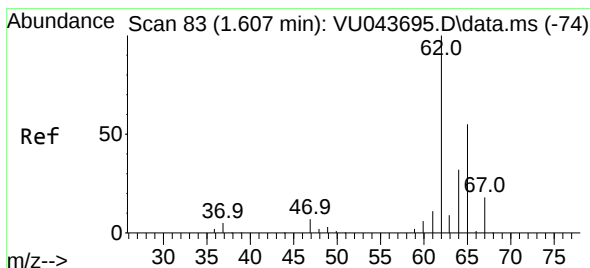
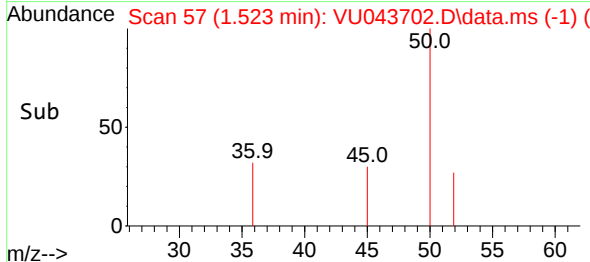
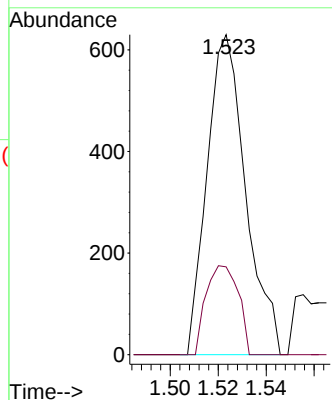
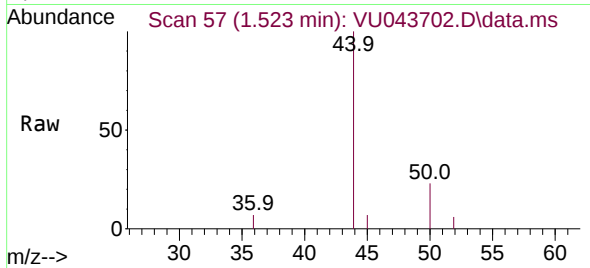




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

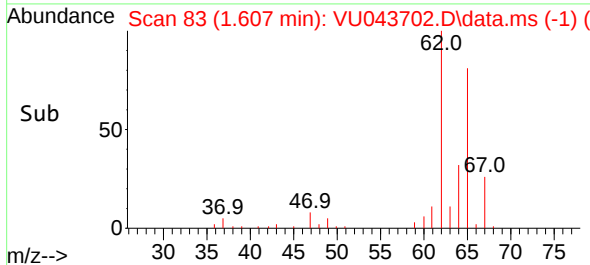
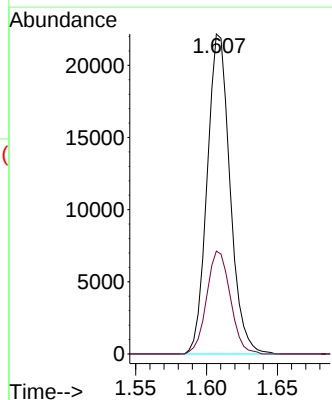
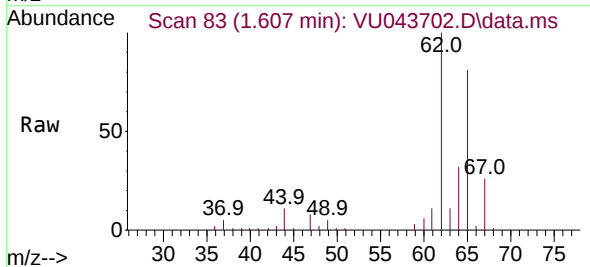
Instrument :
MSVOA_U
ClientSampled :

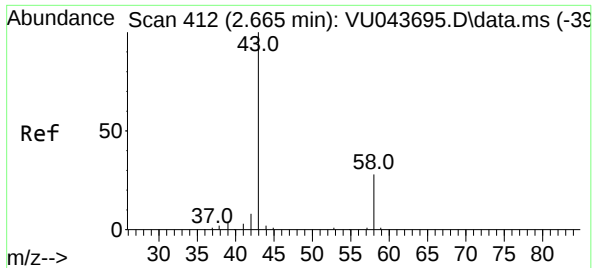
Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 27.5 22.1 41.1



#5
Vinyl chloride
Concen: 4.01 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

Tgt Ion: 62 Resp: 24863
Ion Ratio Lower Upper
62 100
64 32.1 22.3 41.3

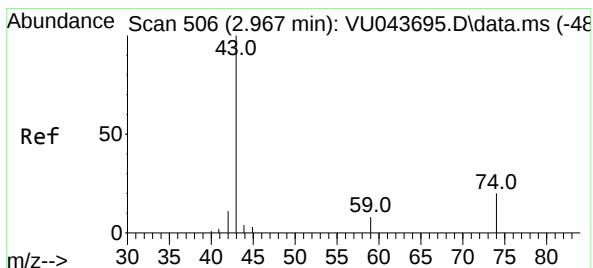
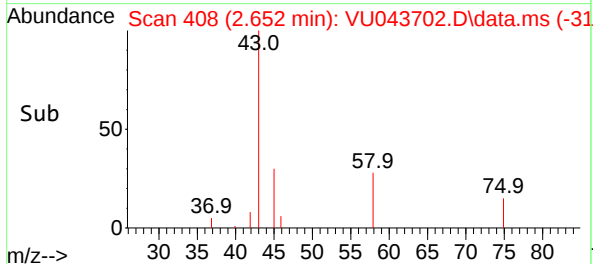
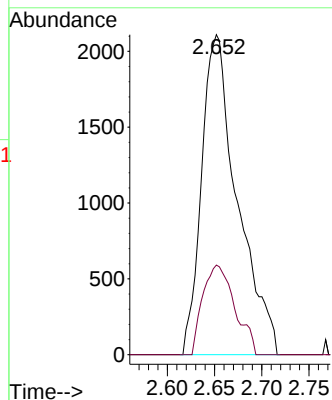
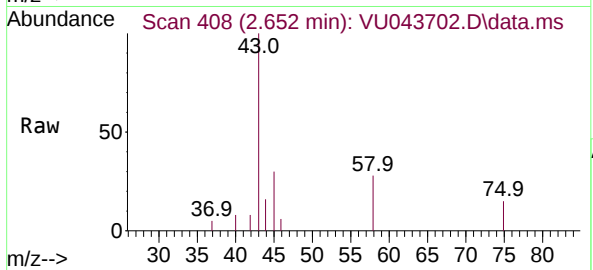




#13
Acetone
Concen: 3.64 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

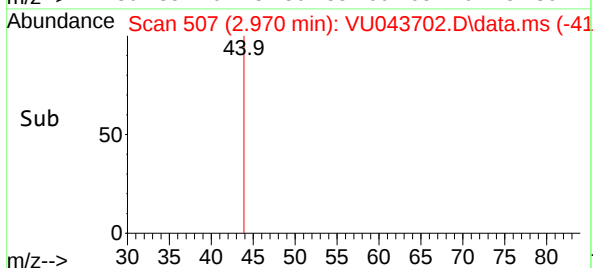
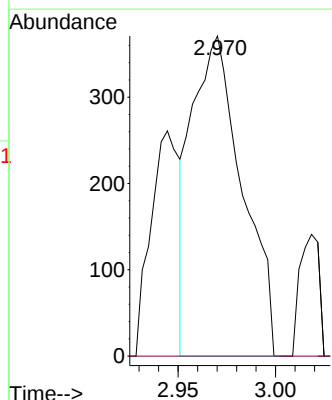
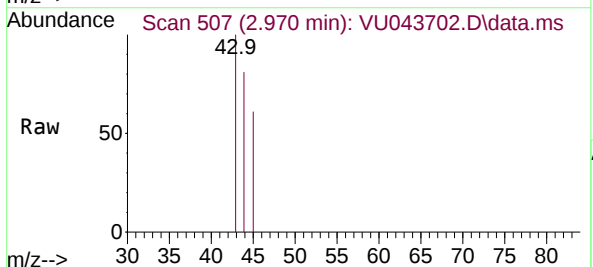
Instrument :
MSVOA_U
ClientSampled :

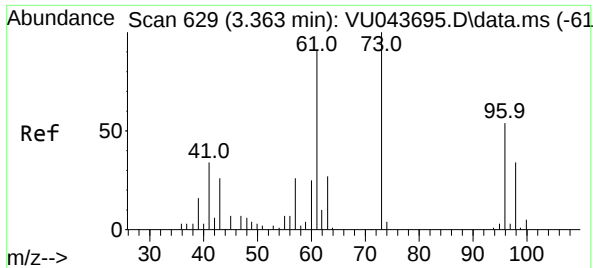
Tgt Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
58 25.1 0.0 50.8



#15
Methyl Acetate
Concen: 0.19 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

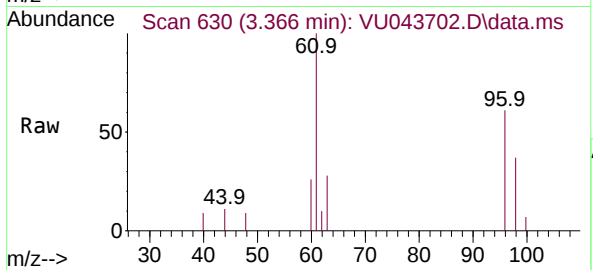
Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#



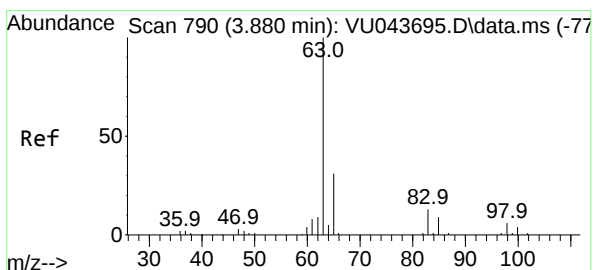
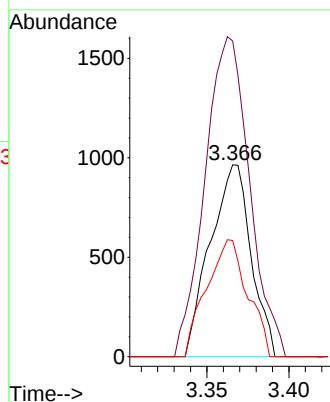
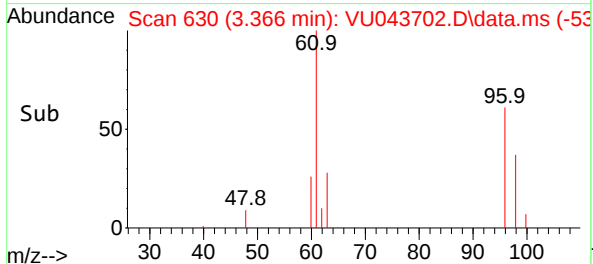


#18
trans-1,2-Dichloroethene
Concen: 0.31 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

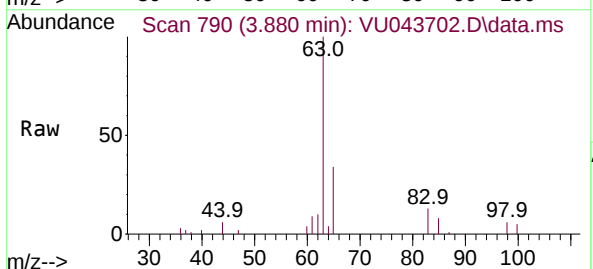
Instrument :
MSVOA_U
ClientSampled :



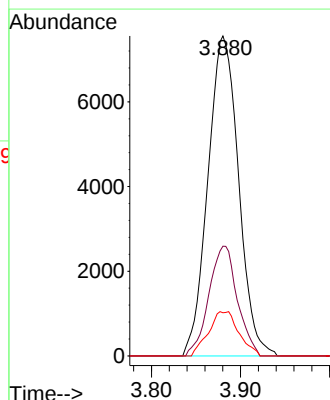
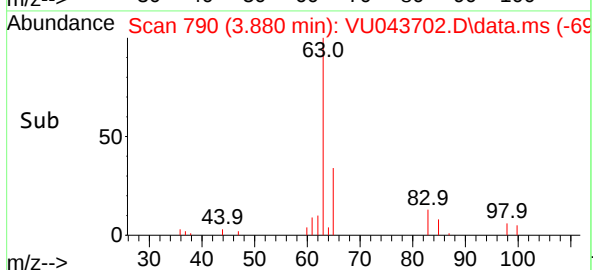
Tgt Ion:	96	Resp:	1670
Ion	Ratio	Lower	Upper
96	100		
61	164.5	113.5	210.9
98	60.5	45.4	84.2

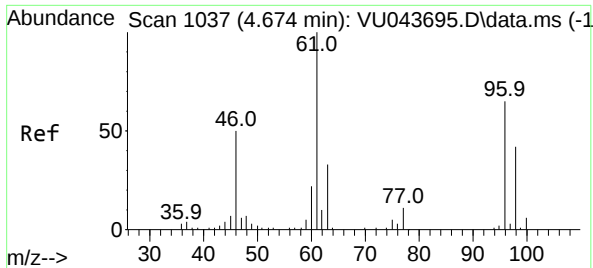


#19
1,1-Dichloroethane
Concen: 1.43 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57



Tgt Ion:	63	Resp:	18100
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.7	42.1
83	13.5	9.4	17.4





#22

cis-1,2-Dichloroethene

Concen: 1.62 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

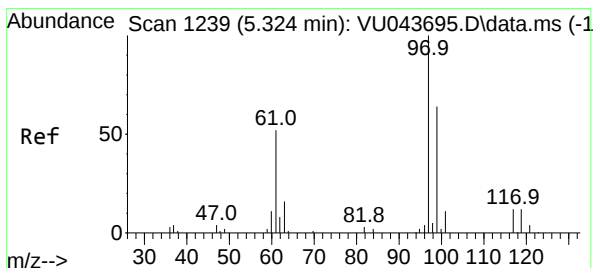
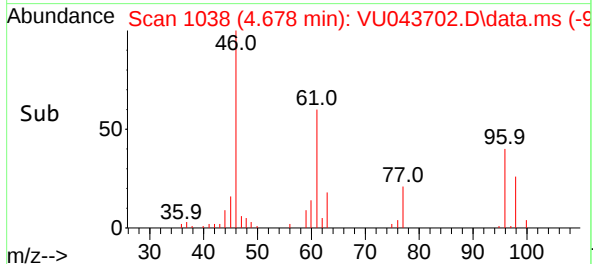
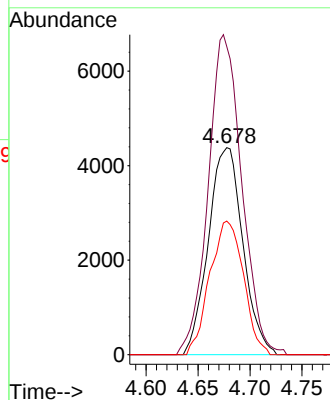
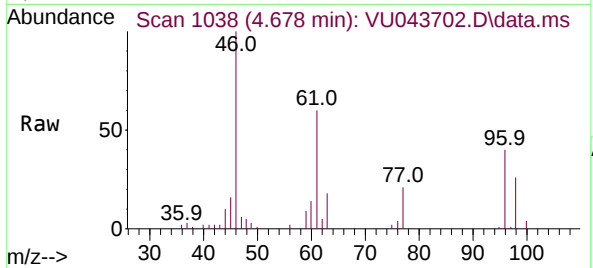
Lab File: VU043702.D

Acq: 13 May 2021 13:57

Tgt Ion: 96 Resp: 10134

Ion	Ratio	Lower	Upper
96	100		
61	148.8	102.8	190.8
98	64.5	42.8	79.6

Instrument :
MSVOA_U
ClientSampled :



#29

1,1,1-Trichloroethane

Concen: 0.12 ug/L

RT: 5.333 min Scan# 1242

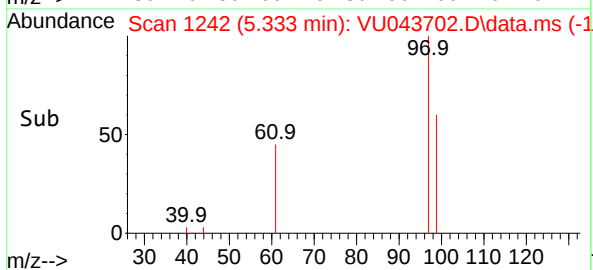
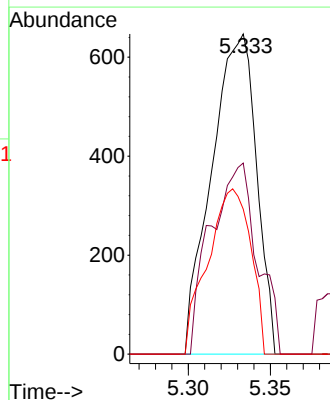
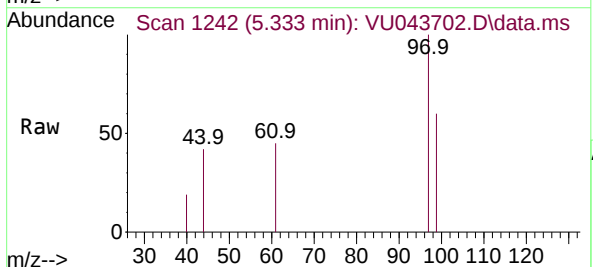
Delta R.T. 0.010 min

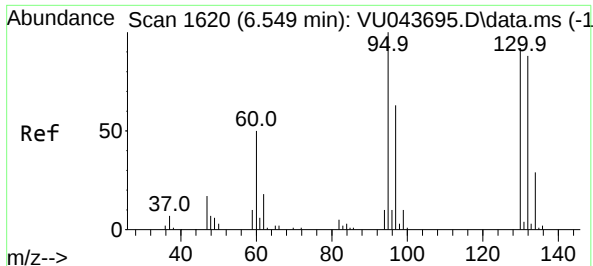
Lab File: VU043702.D

Acq: 13 May 2021 13:57

Tgt Ion: 97 Resp: 1230

Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.8	77.6
61	49.5	39.8	59.8



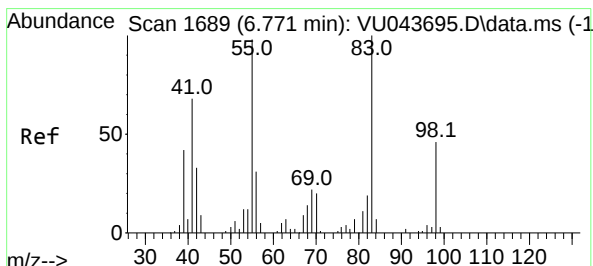
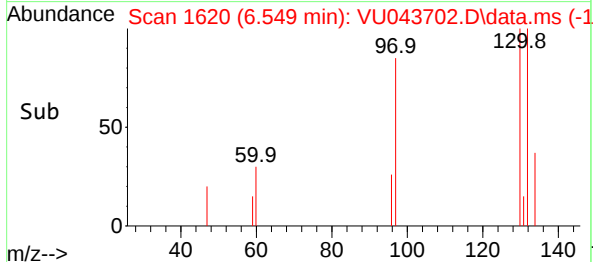
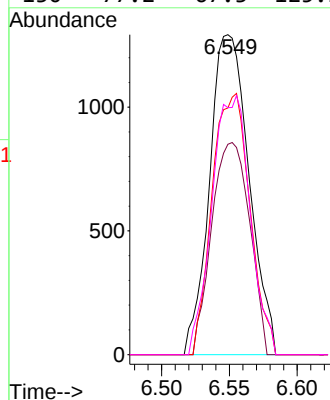
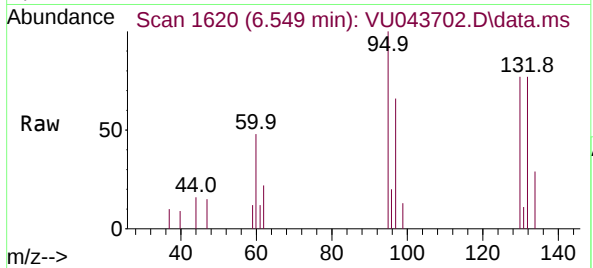


#34
Trichloroethene
Concen: 0.43 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 2621

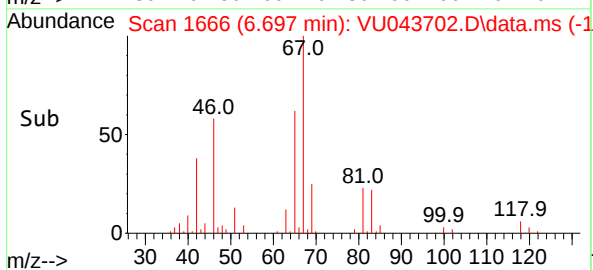
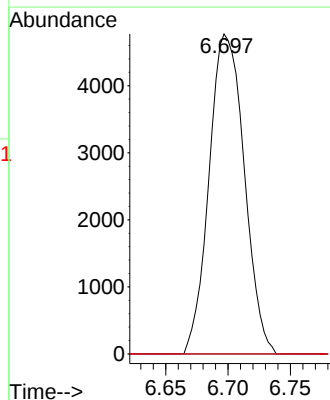
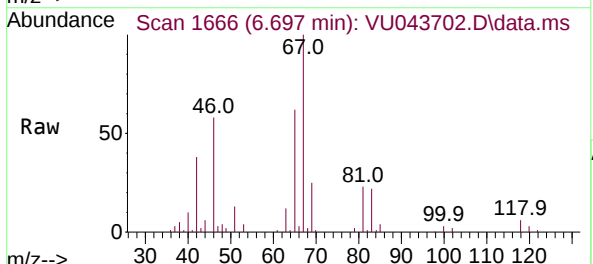
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.5	86.5
132	77.1	64.1	119.1
130	77.2	67.3	125.1

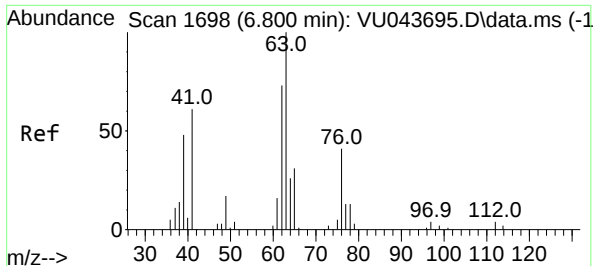


#35
Methylcyclohexane
Concen: 1.19 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

Tgt Ion: 83 Resp: 9371

Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	1.2	35.5	53.3#



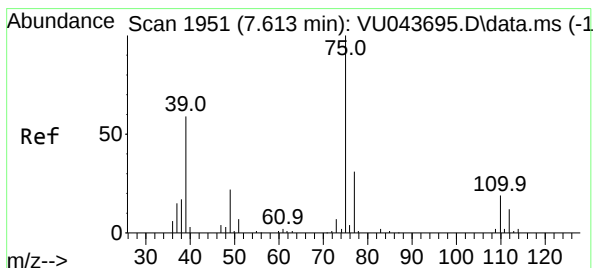
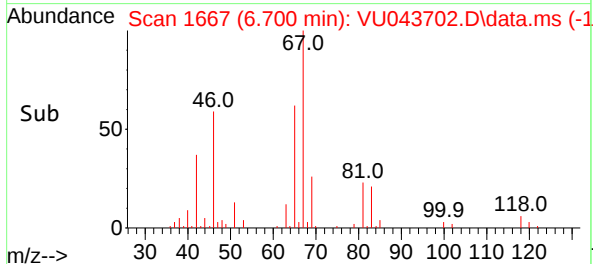
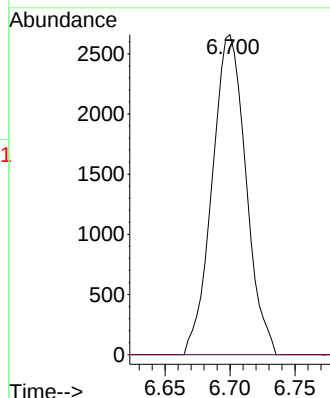
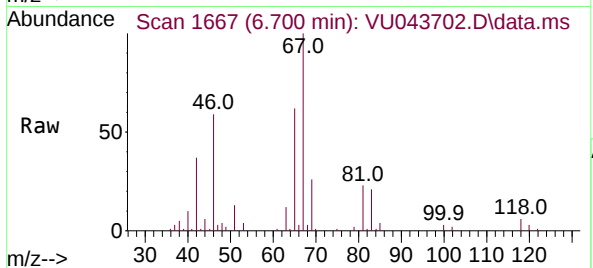


#37

1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

Instrument :
MSVOA_U
ClientSampled :

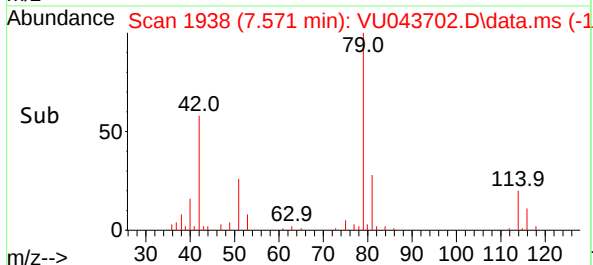
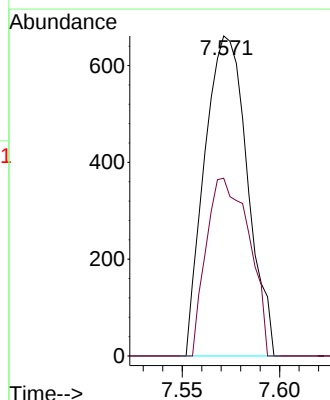
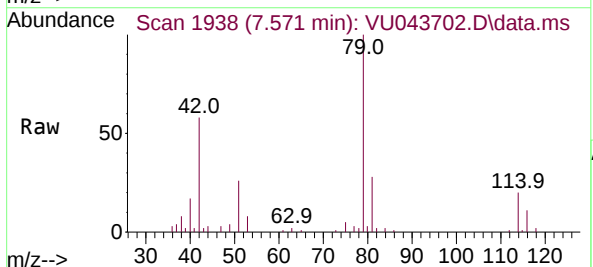
Tgt Ion: 63 Resp: 4803
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

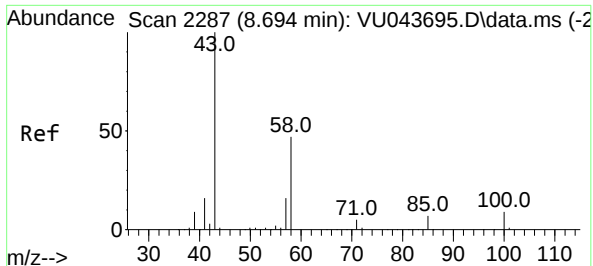


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 55.5 21.9 40.7#

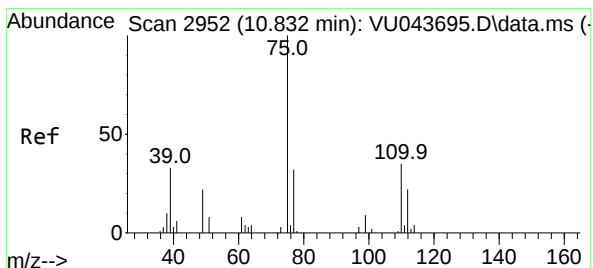
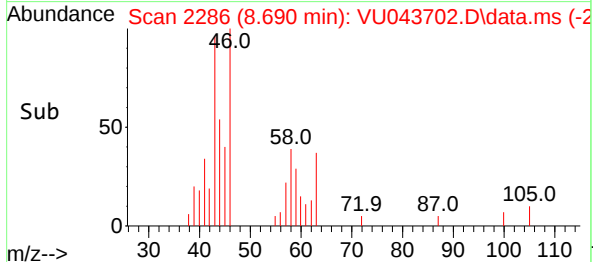
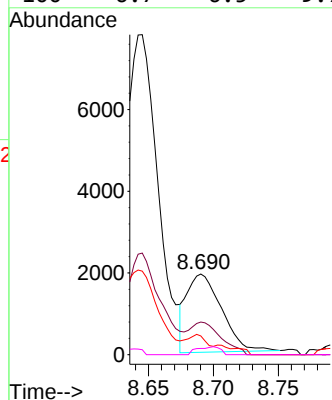
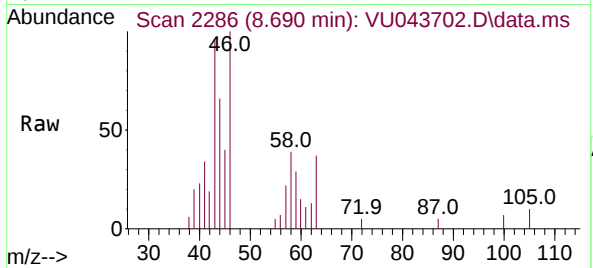




#48
2-Hexanone
Concen: 0.83 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

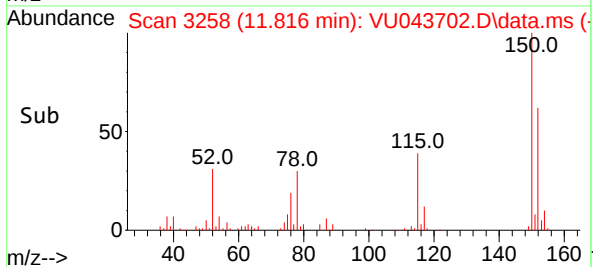
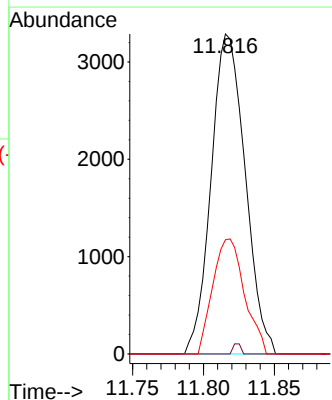
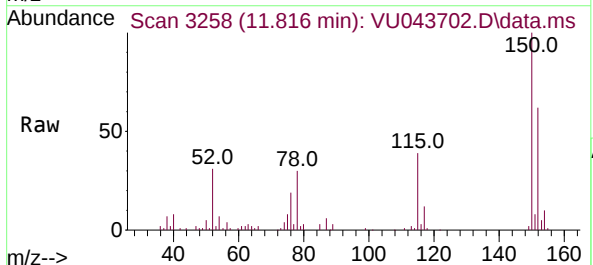
Instrument :
MSVOA_U
ClientSampleId :

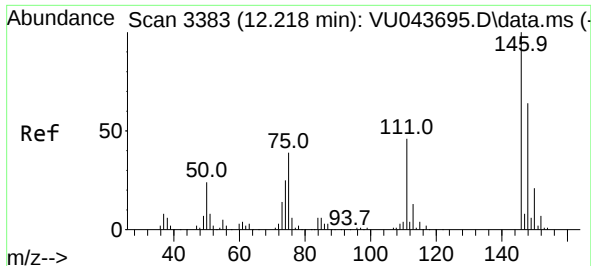
Tgt Ion: 43	Resp: 3582
Ion Ratio	Lower Upper
43 100	
58 37.2	36.8 55.2
57 8.2	13.2 19.8#
100 6.7	6.5 9.7



#61
1,2,3-Trichloropropane
Concen: 1.35 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043702.D
Acq: 13 May 2021 13:57

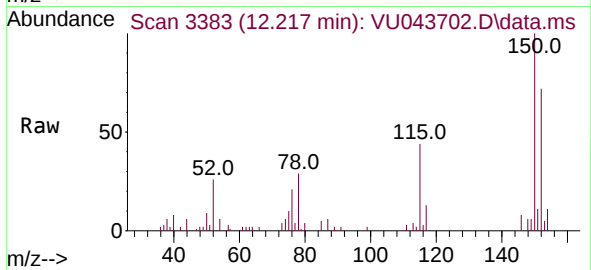
Tgt Ion: 75	Resp: 5484
Ion Ratio	Lower Upper
75 100	
110 0.7	28.6 42.8#
77 33.4	25.7 38.5





#67
 1,2-Dichlorobenzene
 Concen: 0.08 ug/L
 RT: 12.217 min Scan# 3383
 Delta R.T. -0.000 min
 Lab File: VU043702.D
 Acq: 13 May 2021 13:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	857
Ion	Ratio	Lower	Upper
146	100		
111	42.5	32.6	49.0
148	71.3	51.8	77.8

