

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043701.D
 Acq On : 13 May 2021 13:33
 Operator : SY/MD
 Sample : M2376-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:49:35 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)

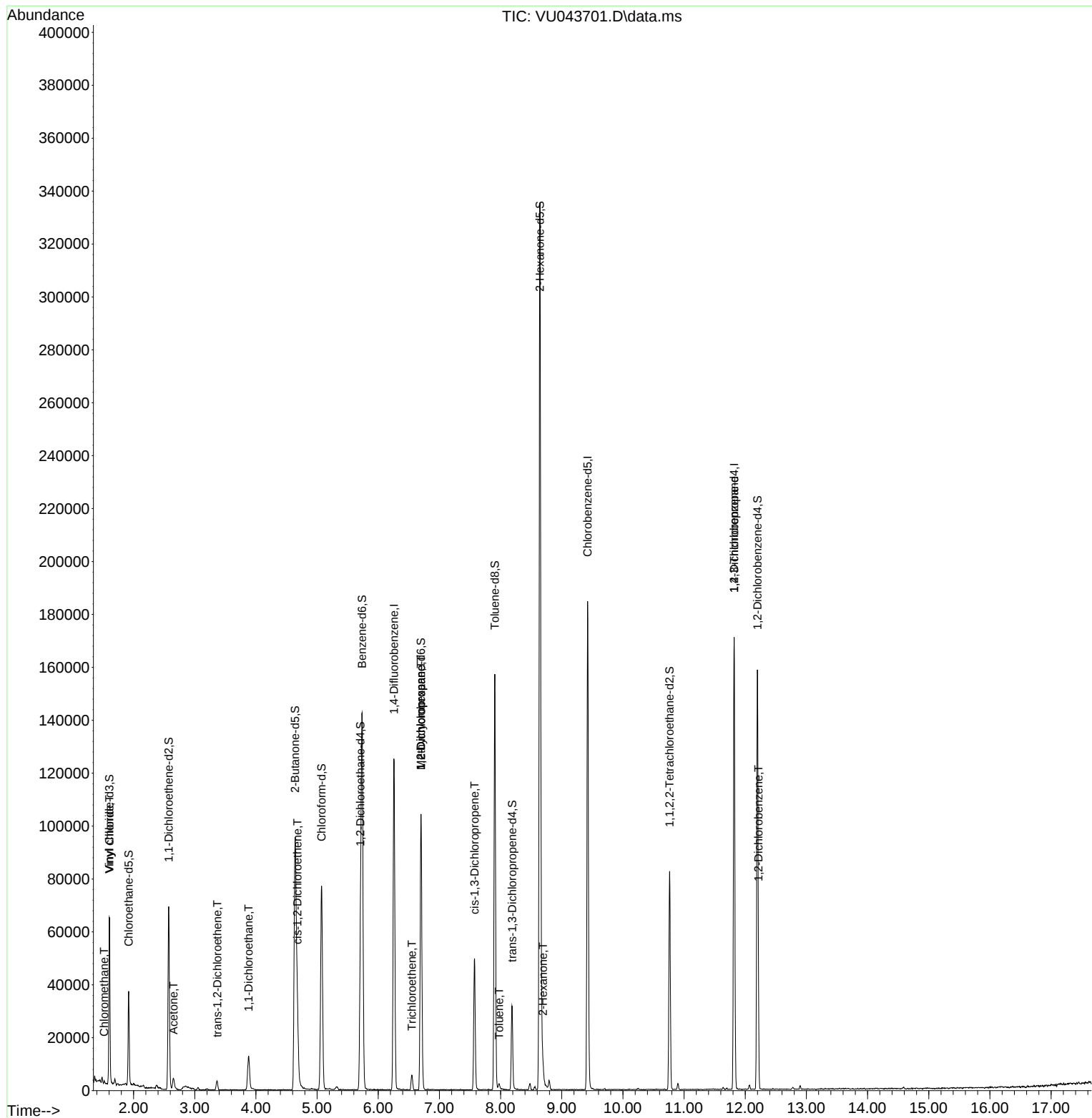
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	91451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91574	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41006	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26465	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.919	69	23741	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.575	65	13659	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.642	46	164187	71.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.84%#
24) Chloroform-d	5.073	84	69056	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.710	65	44347	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.735	84	116860	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.700	67	46565	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	93858	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	8.189	79	16884	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.642	63	102564	69.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.56%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	40640	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	37515	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	760	0.12	ug/L	97
5) Vinyl chloride	1.607	62	19366	3.13	ug/L	98
13) Acetone	2.652	43	6017	3.95	ug/L	98
18) trans-1,2-Dichloroethene	3.369	96	1226	0.23	ug/L	94
19) 1,1-Dichloroethane	3.880	63	15573	1.23	ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	8542	1.36	ug/L	94
34) Trichloroethene	6.549	95	1990	0.32	ug/L	89
35) Methylcyclohexane	6.700	83	9928	1.25	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	5275	0.73	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1112	0.12	ug/L #	42
42) Toluene	7.976	91	1728	0.07	ug/L	94
48) 2-Hexanone	8.693	43	4060	0.93	ug/L #	81
61) 1,2,3-Trichloropropane	11.819	75	5737	1.38	ug/L #	69
67) 1,2-Dichlorobenzene	12.214	146	673	0.06	ug/L #	70

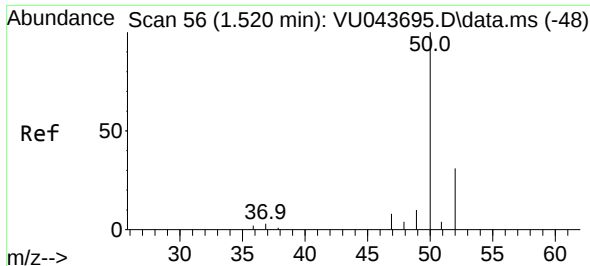
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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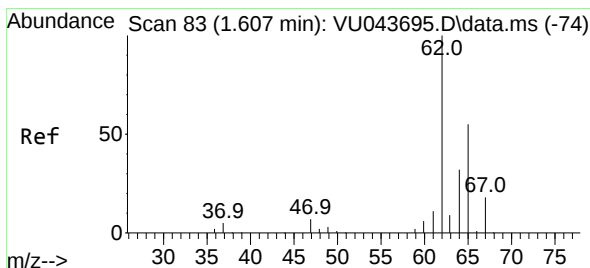
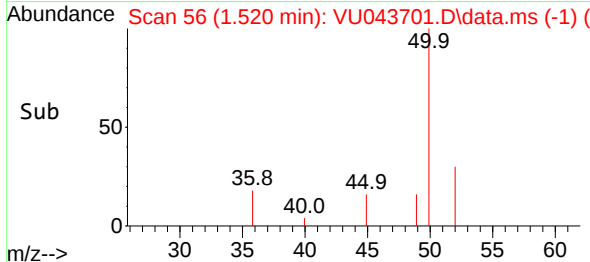
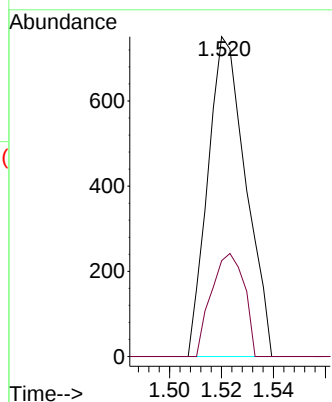
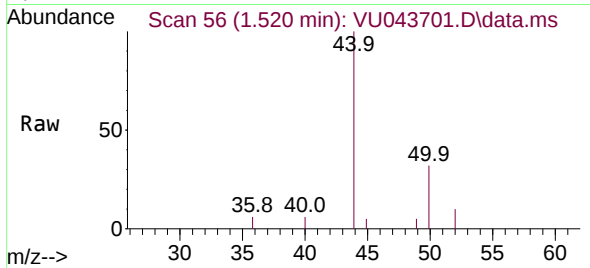




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

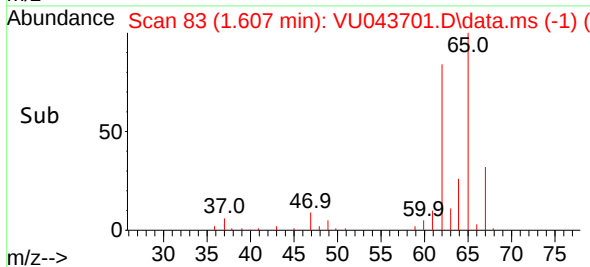
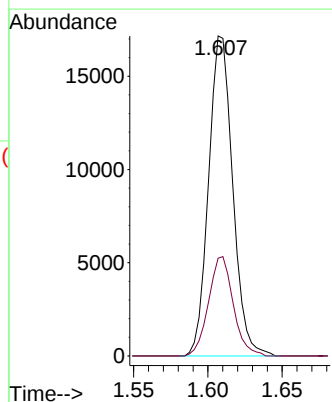
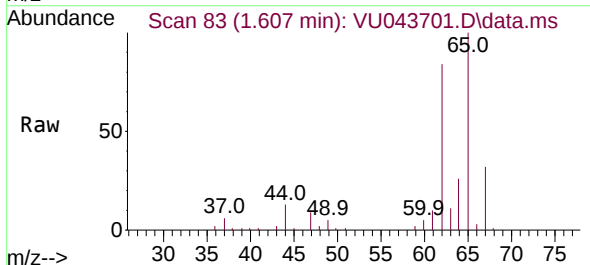
Instrument :
MSVOA_U
ClientSampled :

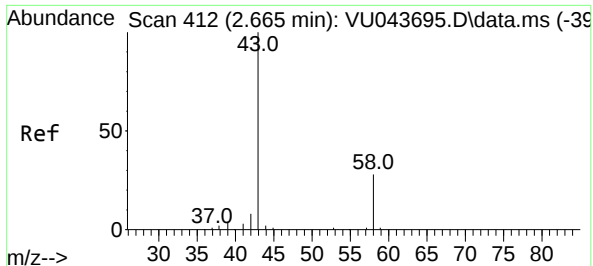
Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 30.0 22.1 41.1



#5
Vinyl chloride
Concen: 3.13 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Tgt Ion: 62 Resp: 19366
Ion Ratio Lower Upper
62 100
64 30.6 22.3 41.3

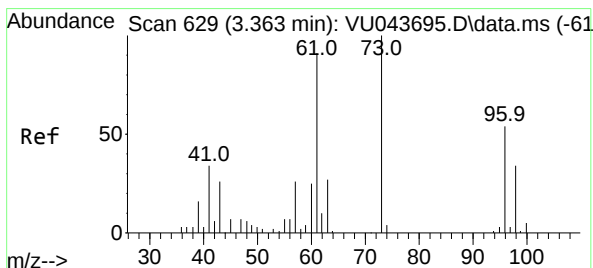
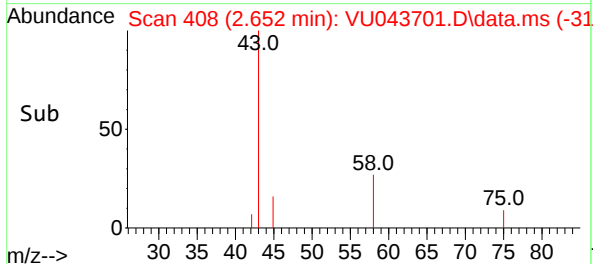
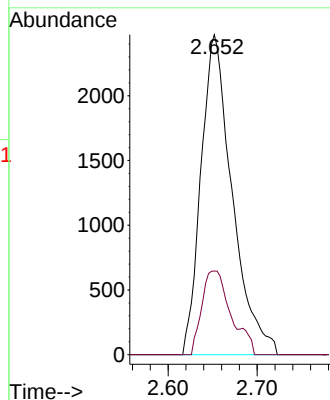
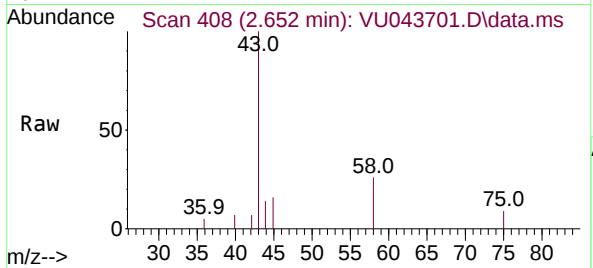




#13
Acetone
Concen: 3.95 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.013 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

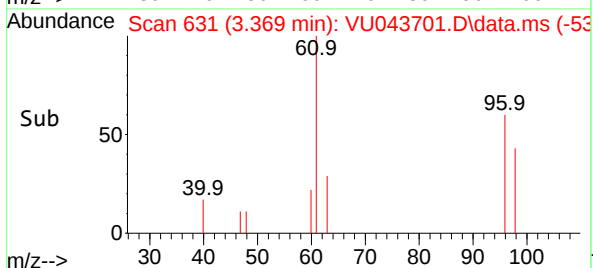
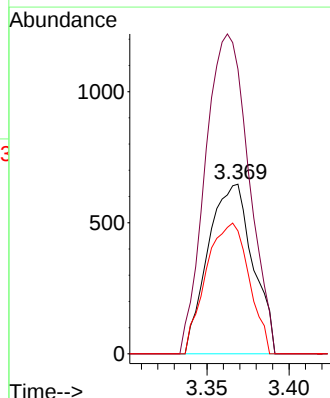
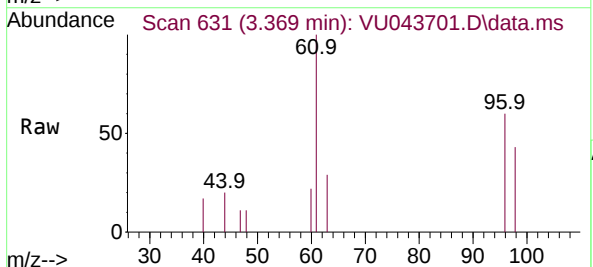
Instrument :
MSVOA_U
ClientSampled :

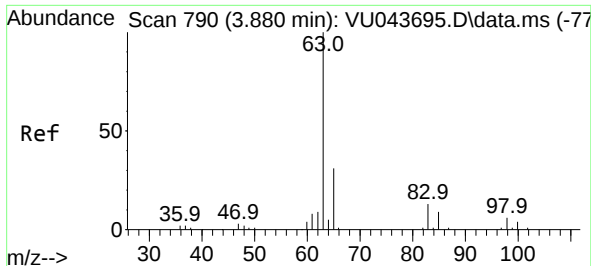
Tgt Ion: 43 Resp: 6017
Ion Ratio Lower Upper
43 100
58 24.5 0.0 50.8



#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Tgt Ion: 96 Resp: 1226
Ion Ratio Lower Upper
96 100
61 167.9 113.5 210.9
98 72.5 45.4 84.2





#19

1,1-Dichloroethane

Concen: 1.23 ug/L

RT: 3.880 min Scan# 790

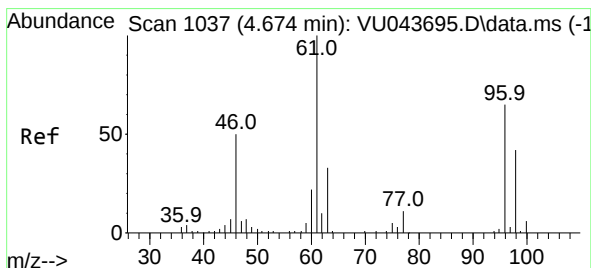
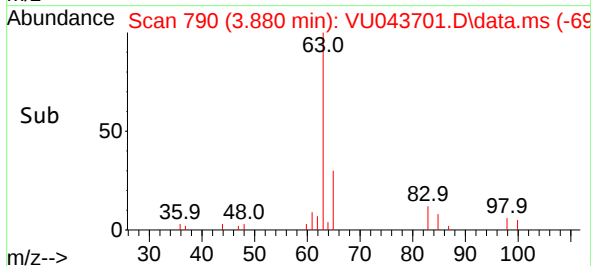
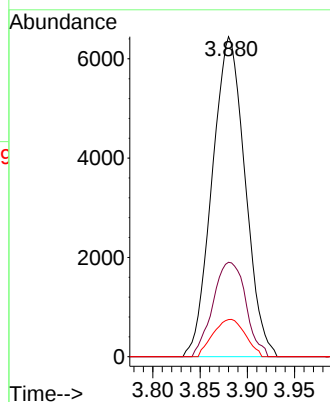
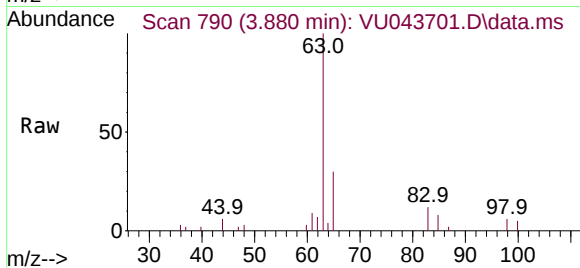
Delta R.T. -0.000 min

Lab File: VU043701.D

Acq: 13 May 2021 13:33

Tgt Ion: 63	Resp: 15573
Ion Ratio	Lower Upper
63 100	
65 29.5	22.7 42.1
83 11.6	9.4 17.4

Instrument :
MSVOA_U
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 1.36 ug/L

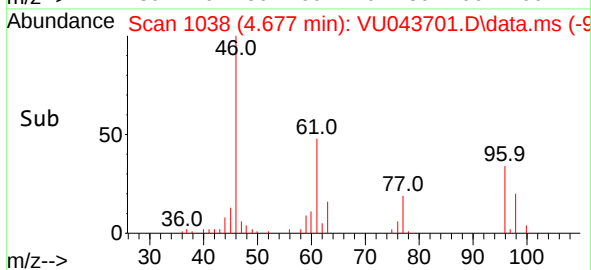
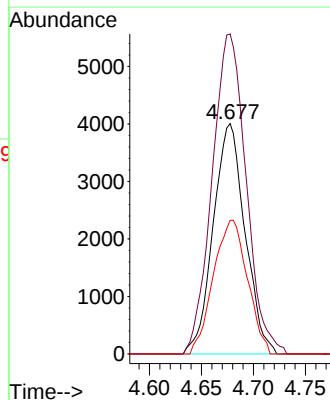
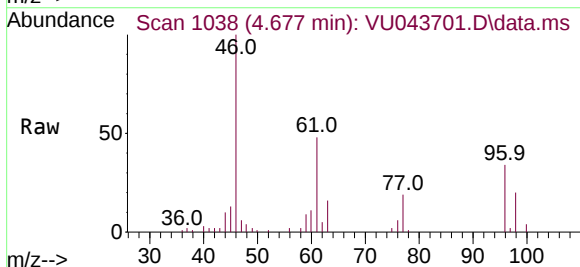
RT: 4.677 min Scan# 1038

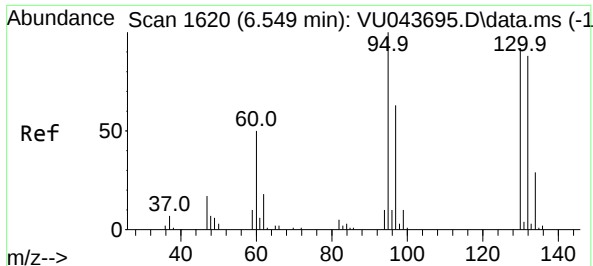
Delta R.T. 0.003 min

Lab File: VU043701.D

Acq: 13 May 2021 13:33

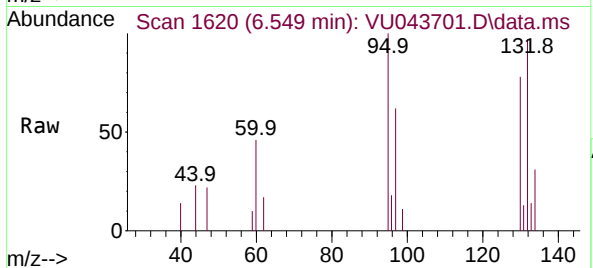
Tgt Ion: 96	Resp: 8542		
Ion Ratio	Lower	Upper	
96	100		
61	138.9	102.8	190.8
98	58.0	42.8	79.6



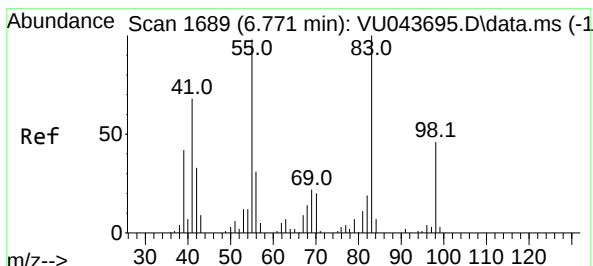
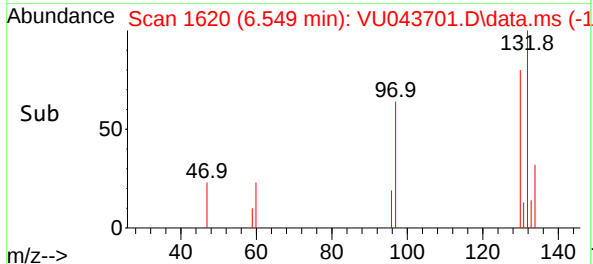
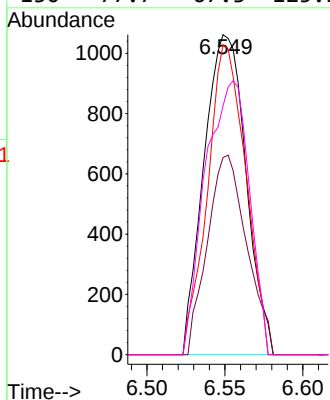


#34
Trichloroethene
Concen: 0.32 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

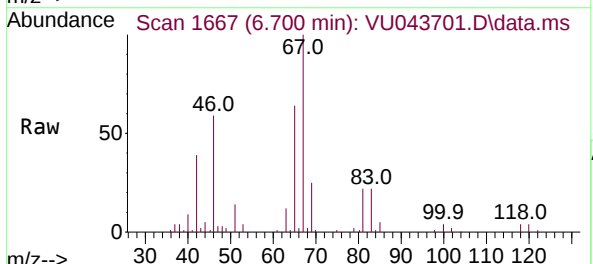
Instrument :
MSVOA_U
ClientSampled :



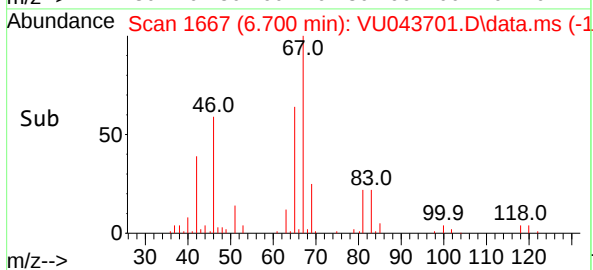
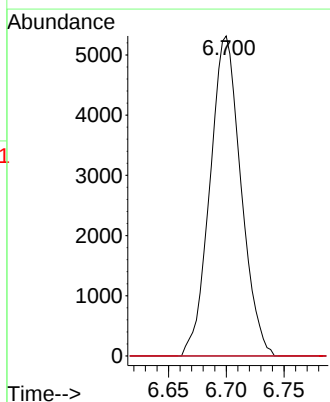
Tgt Ion:	95	Resp:	1990
Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.5	86.5
132	96.7	64.1	119.1
130	77.7	67.3	125.1

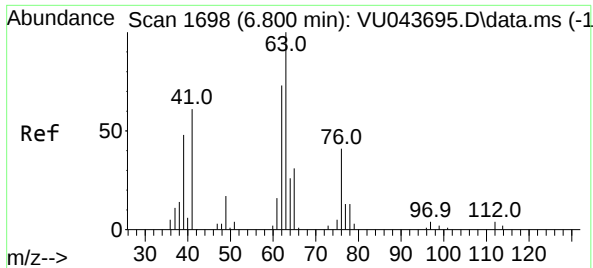


#35
Methylcyclohexane
Concen: 1.25 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33



Tgt Ion:	83	Resp:	9928
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.9	35.5	53.3#



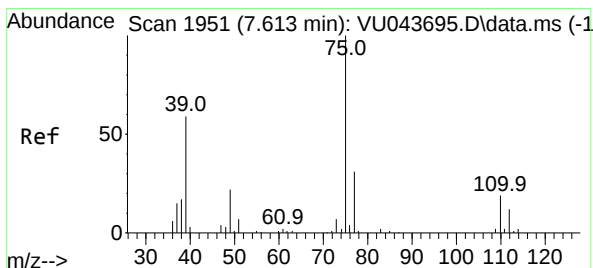
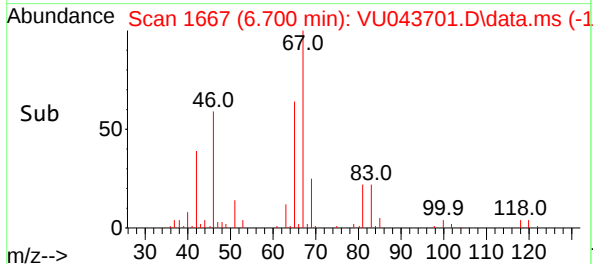
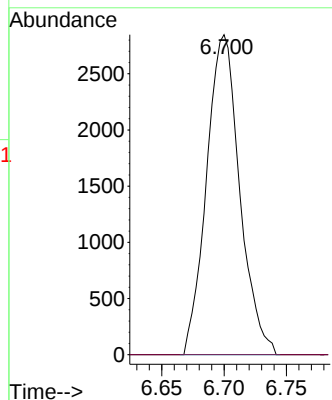
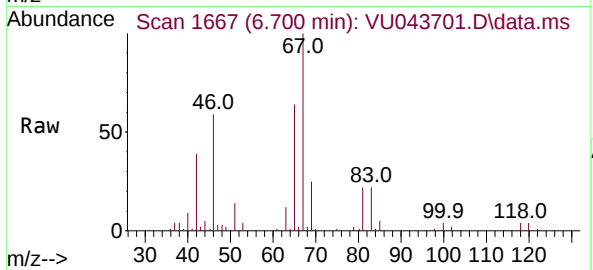


#37

1,2-Dichloropropane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Instrument :
MSVOA_U
ClientSampled :

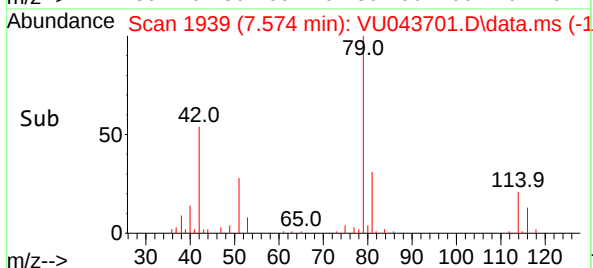
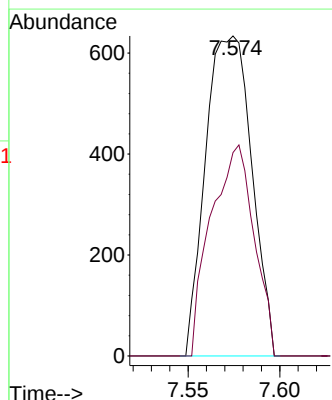
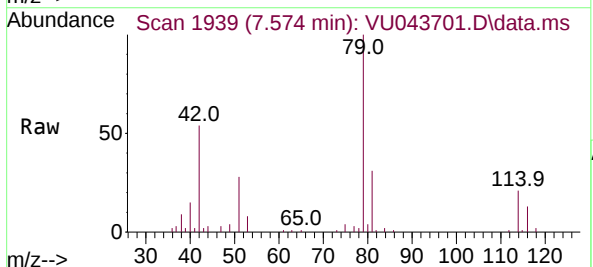
Tgt Ion: 63 Resp: 5275
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

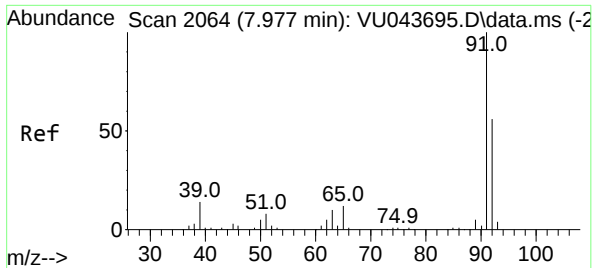


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Tgt Ion: 75 Resp: 1112
Ion Ratio Lower Upper
75 100
77 63.6 21.9 40.7#

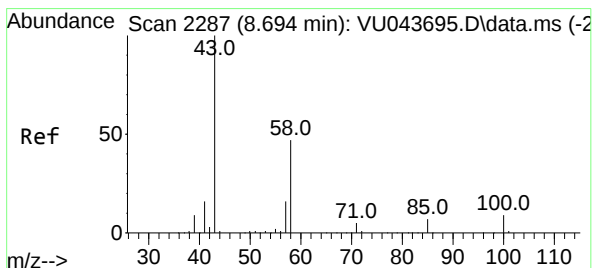
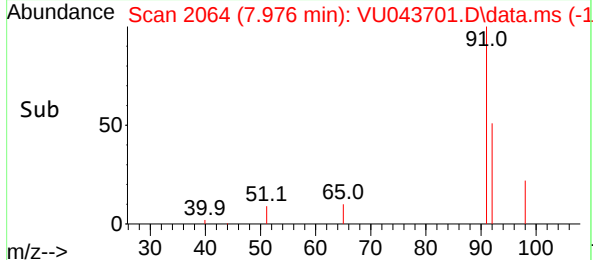
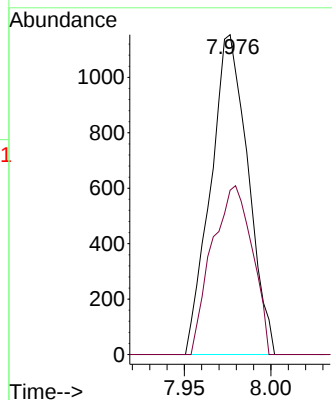
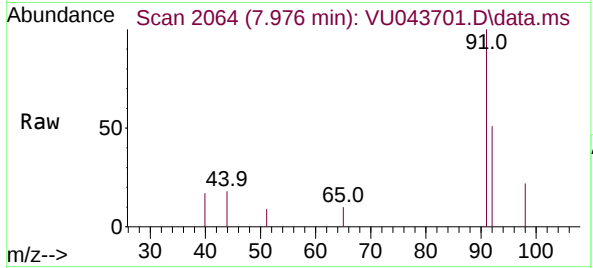




#42
Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

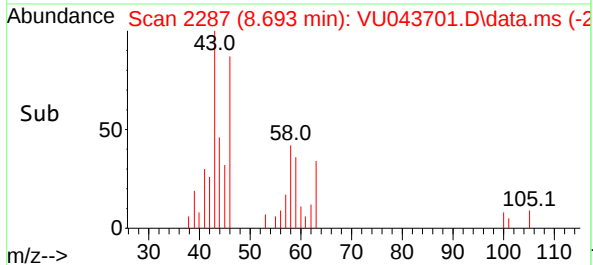
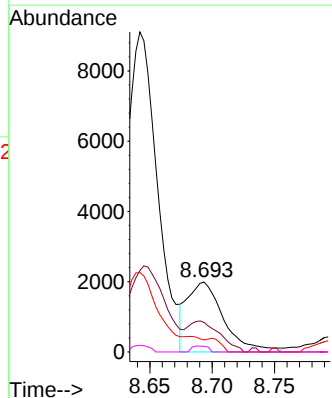
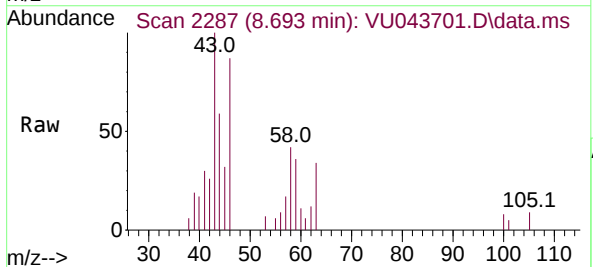
Instrument :
MSVOA_U
ClientSampled :

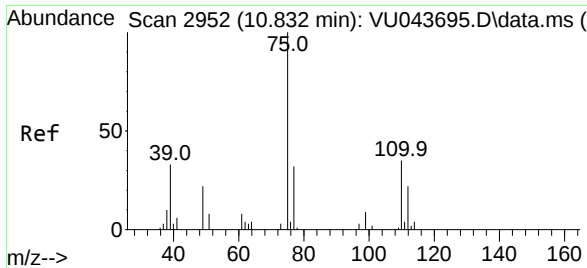
Tgt Ion: 91 Resp: 1728
Ion Ratio Lower Upper
91 100
92 51.4 39.1 72.5



#48
2-Hexanone
Concen: 0.93 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
58 37.3 36.8 55.2
57 0.0 13.2 19.8#
100 3.6 6.5 9.7#

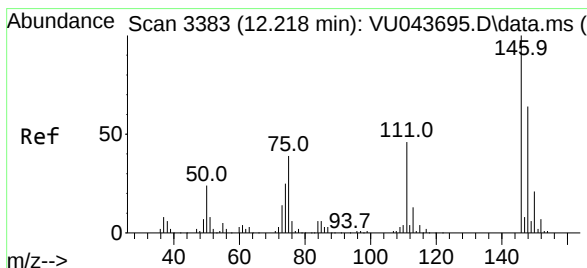
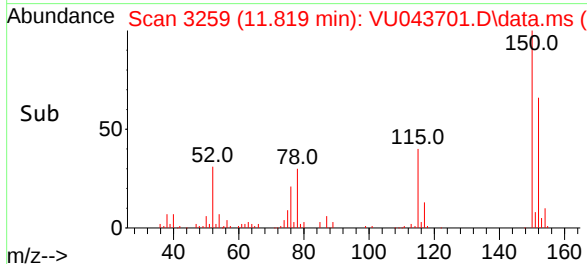
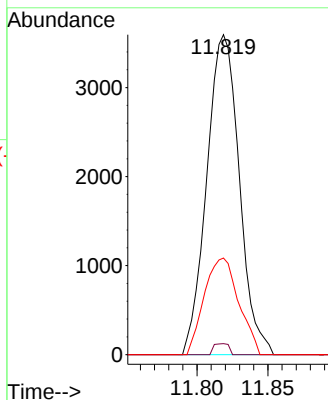
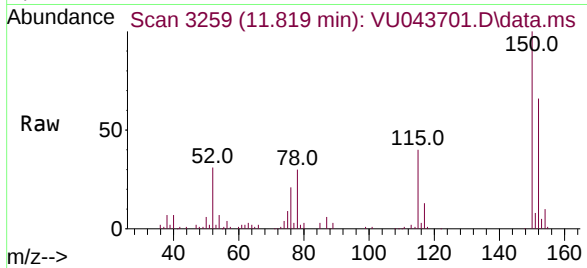




#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 5737
Ion Ratio Lower Upper
75 100
110 1.6 28.6 42.8#
77 32.0 25.7 38.5



#67
1,2-Dichlorobenzene
Concen: 0.06 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU043701.D
Acq: 13 May 2021 13:33

Tgt Ion: 146 Resp: 673
Ion Ratio Lower Upper
146 100
111 80.7 32.6 49.0#
148 71.0 51.8 77.8

