

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043648.D
 Acq On : 10 May 2021 19:07
 Operator : SY/MD
 Sample : M2300-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 04:01:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

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

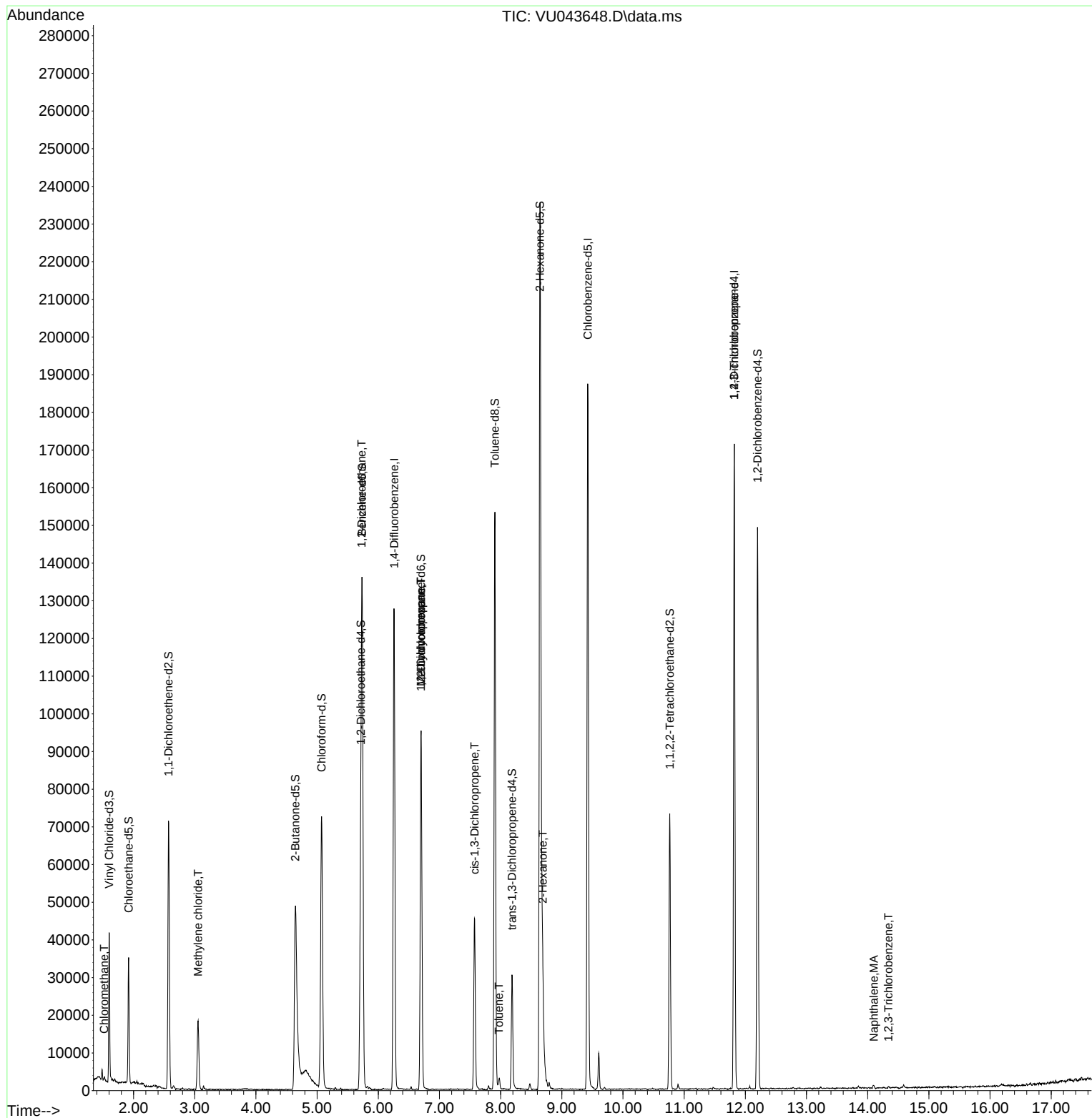
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	94248	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	92580	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40729	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26359	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.919	69	21941	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.572	65	13701	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.646	46	98522	41.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.74%
24) Chloroform-d	5.073	84	63124	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.713	65	40556	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.736	84	113308	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.700	67	42297	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	94164	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloroprop...	8.186	79	16248	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.642	63	87495	58.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35053	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	36306	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	594	0.09	ug/L	94
16) Methylene chloride	3.054	84	7704	0.91	ug/L	97
27) 1,2-Dichloroethane	5.729	62	817	0.09	ug/L #	78
35) Methylcyclohexane	6.700	83	9242	1.15	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4736	0.65	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1158	0.12	ug/L #	57
42) Toluene	7.974	91	2025	0.08	ug/L	97
48) 2-Hexanone	8.687	43	5768	1.30	ug/L #	88
61) 1,2,3-Trichloropropane	11.819	75	5592	1.36	ug/L #	68
71) Naphthalene	14.102	128	980	0.08	ug/L #	75
72) 1,2,3-Trichlorobenzene	14.340	180	272	0.04	ug/L #	79

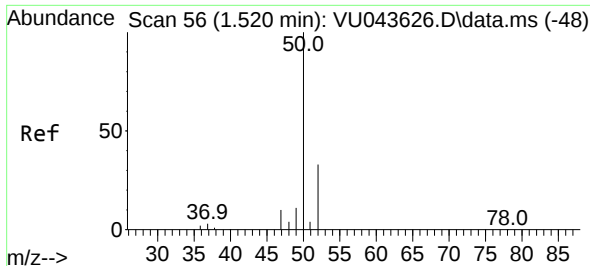
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
Data File : VU043648.D
Acq On : 10 May 2021 19:07
Operator : SY/MD
Sample : M2300-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 11 04:01:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 11 03:58:06 2021
Response via : Initial Calibration

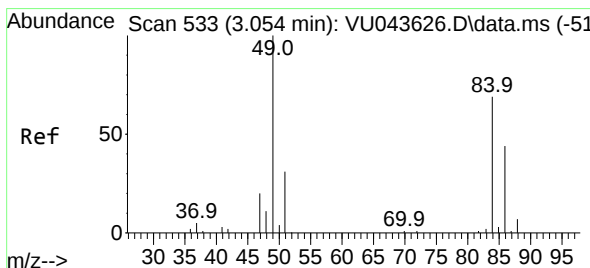
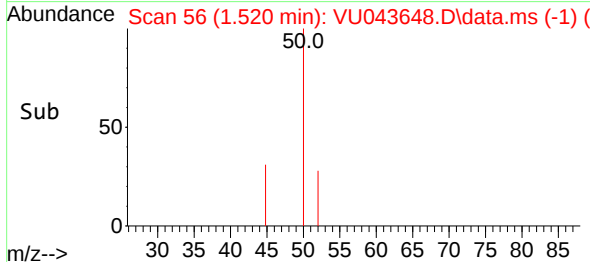
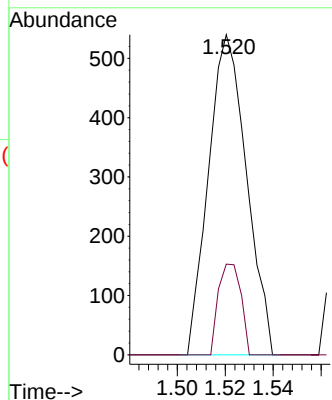
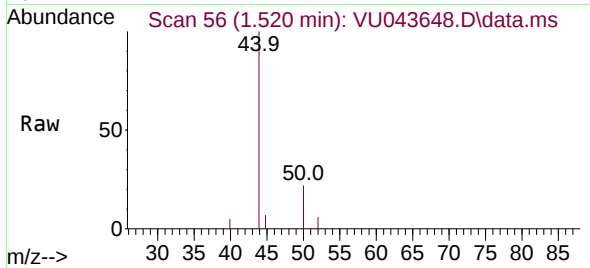




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

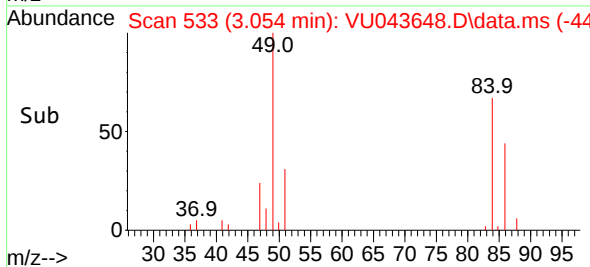
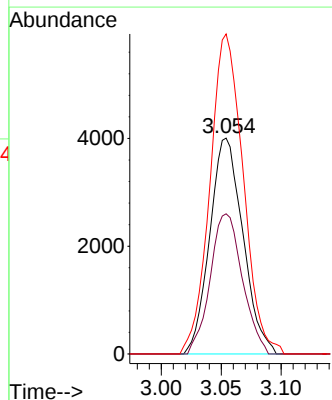
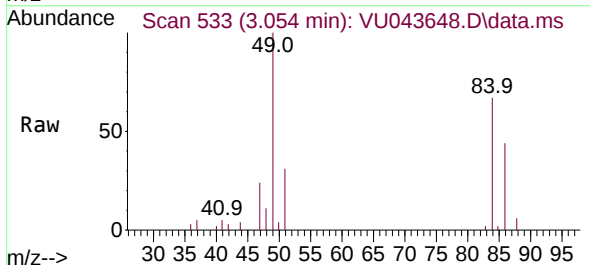
Instrument :
MSVOA_U
ClientSampled :

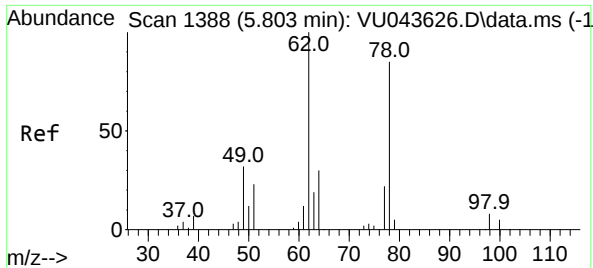
Tgt Ion: 50 Resp: 594
Ion Ratio Lower Upper
50 100
52 28.3 22.1 41.1



#16
Methylene chloride
Concen: 0.91 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

Tgt Ion: 84 Resp: 7704
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.6
49 148.2 107.0 198.8

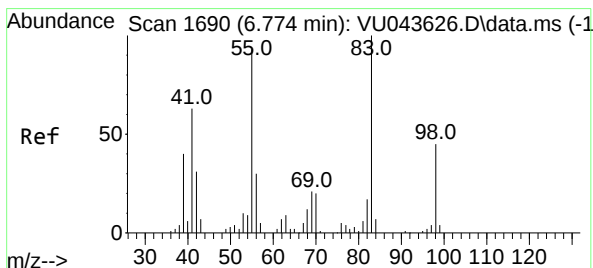
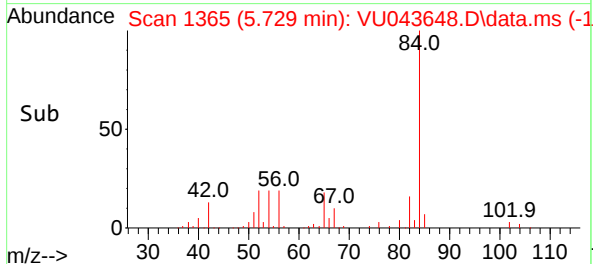
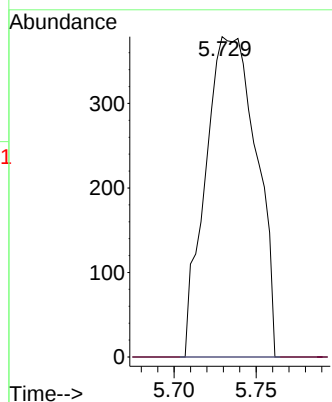
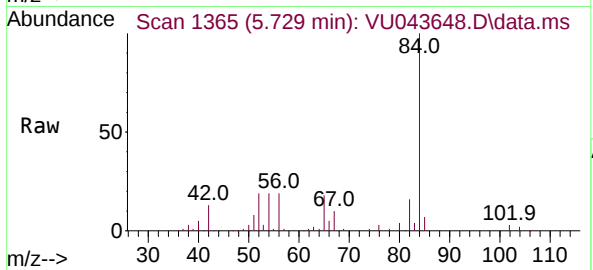




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

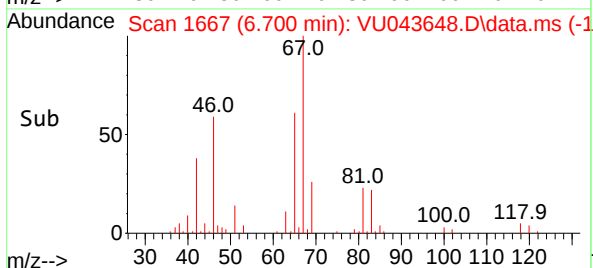
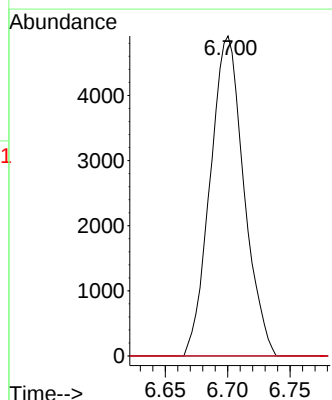
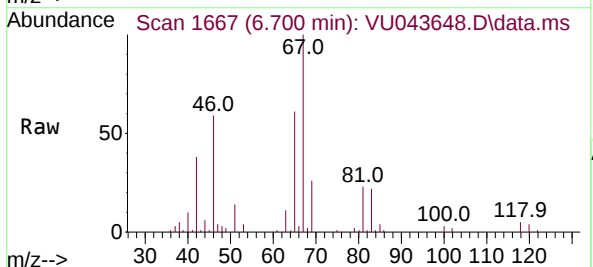
Instrument :
MSVOA_U
ClientSampled :

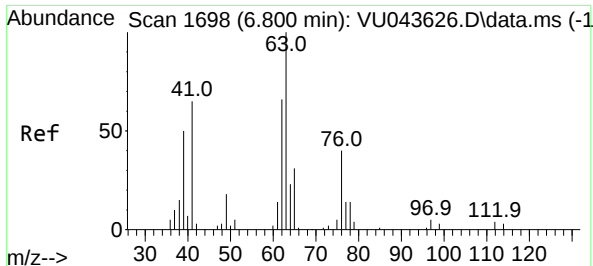
Tgt Ion: 62 Resp: 817
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#35
Methylcyclohexane
Concen: 1.15 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

Tgt Ion: 83 Resp: 9242
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.0 35.5 53.3#



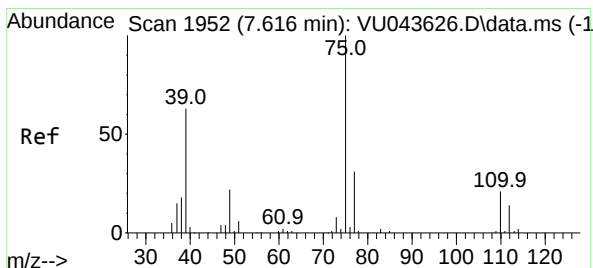
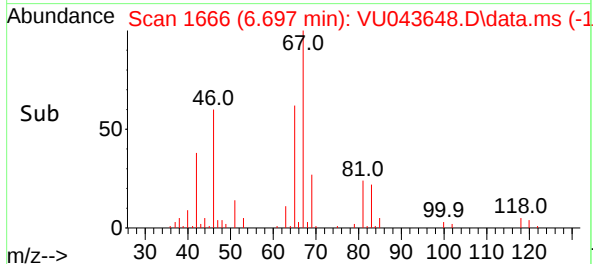
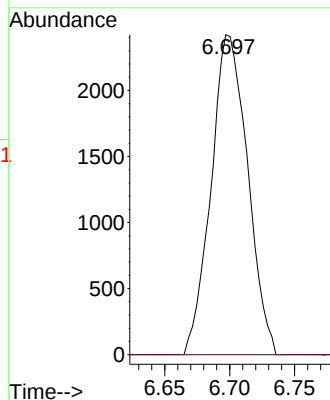
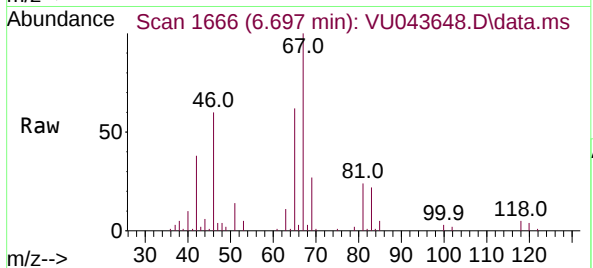


#37

1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

Instrument :
MSVOA_U
ClientSampled :

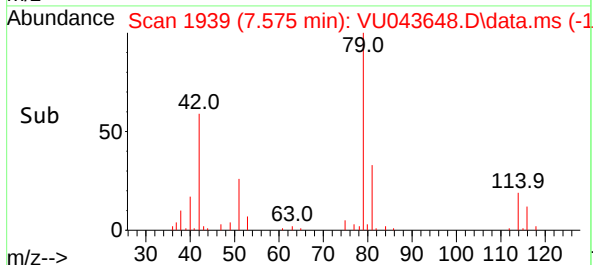
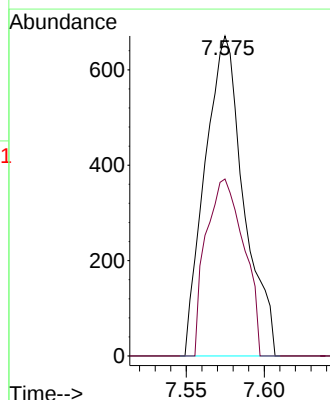
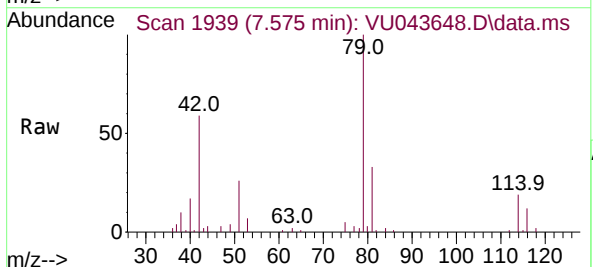
Tgt Ion: 63 Resp: 4736
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

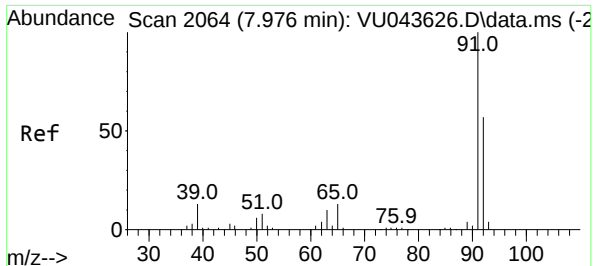


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

Tgt Ion: 75 Resp: 1158
Ion Ratio Lower Upper
75 100
77 55.3 21.9 40.7#

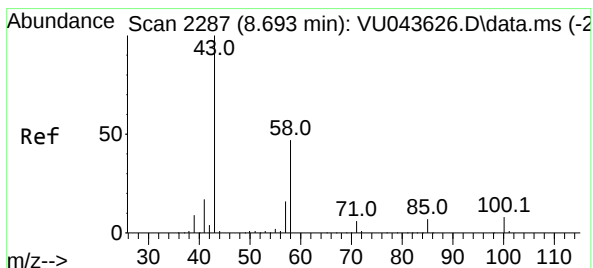
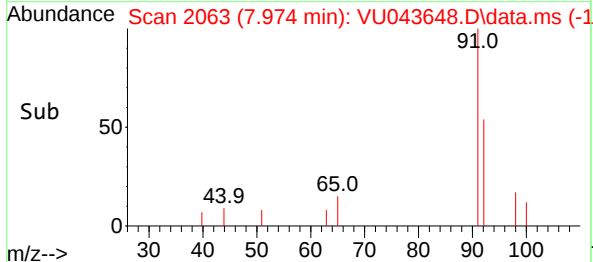
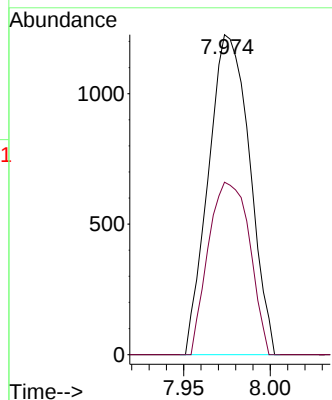
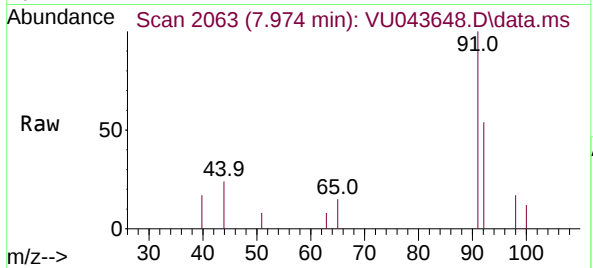




#42
Toluene
Concen: 0.08 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

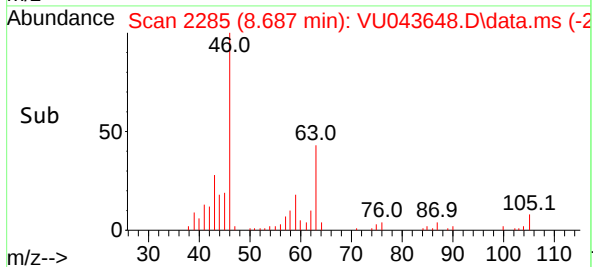
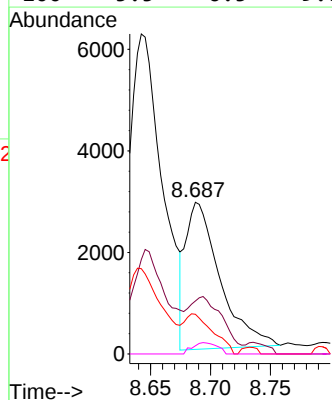
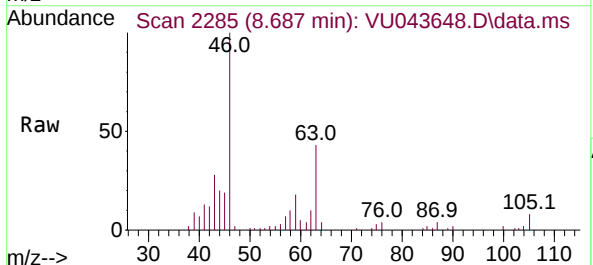
Instrument :
MSVOA_U
ClientSampled :

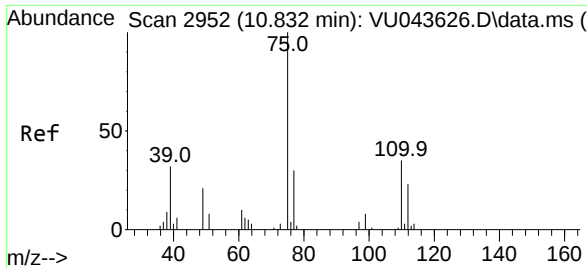
Tgt Ion: 91 Resp: 2025
Ion Ratio Lower Upper
91 100
92 53.9 39.1 72.5



#48
2-Hexanone
Concen: 1.30 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

Tgt Ion: 43 Resp: 5768
Ion Ratio Lower Upper
43 100
58 37.9 36.8 55.2
57 22.5 13.2 19.8#
100 5.5 6.5 9.7#

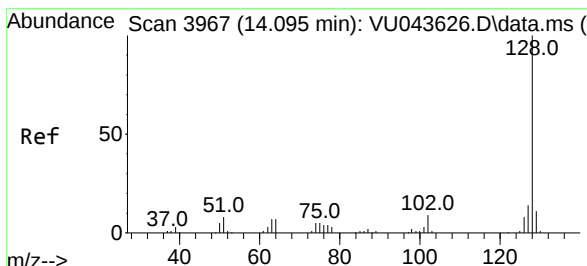
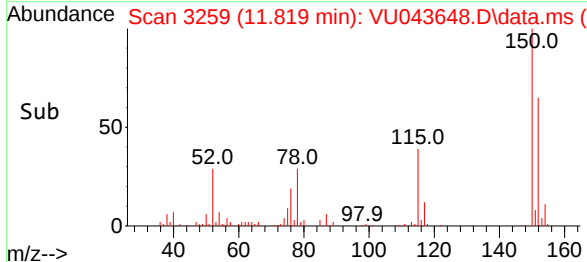
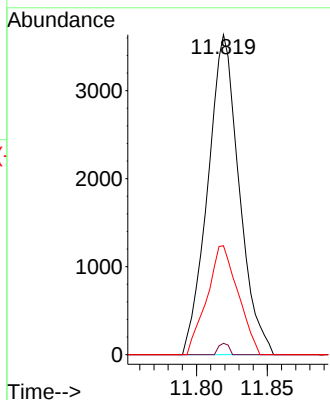
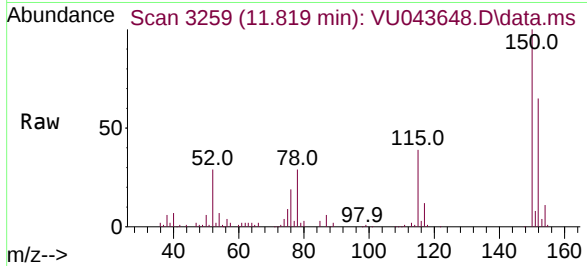




#61
1,2,3-Trichloropropane
Concen: 1.36 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

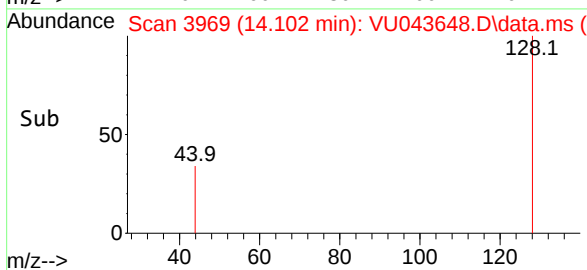
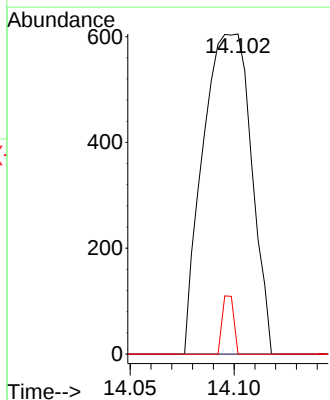
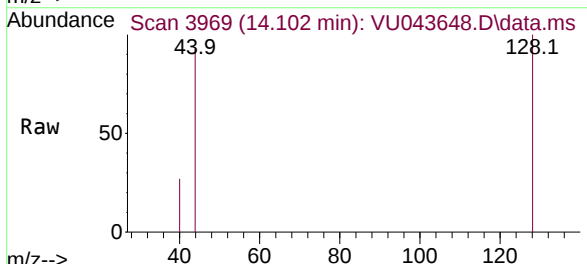
Instrument :
MSVOA_U
ClientSampled :

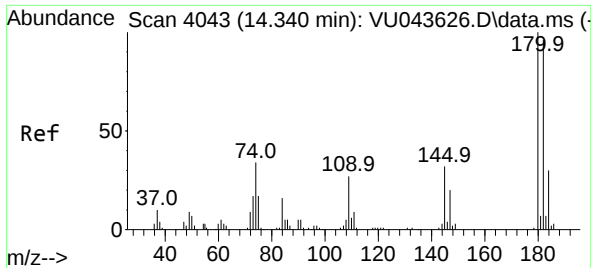
Tgt Ion: 75 Resp: 5592
Ion Ratio Lower Upper
75 100
110 1.2 28.6 42.8#
77 33.7 25.7 38.5



#71
Naphthalene
Concen: 0.08 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.007 min
Lab File: VU043648.D
Acq: 10 May 2021 19:07

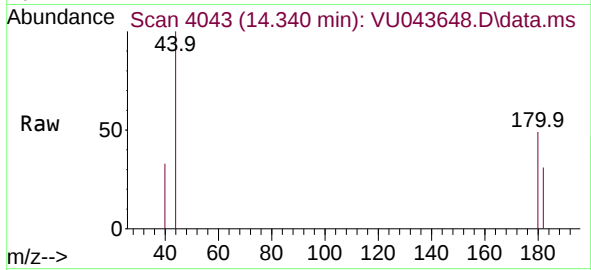
Tgt Ion:128 Resp: 980
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 4.3 10.6 15.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.04 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.000 min
 Lab File: VU043648.D
 Acq: 10 May 2021 19:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 272
 Ion Ratio Lower Upper
 180 100
 182 102.9 75.7 113.5
 145 0.0 25.7 38.5#

