

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043272.D
 Acq On : 22 Apr 2021 12:48
 Operator : SY/MD
 Sample : M2088-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4545

Quant Time: Apr 22 23:40:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

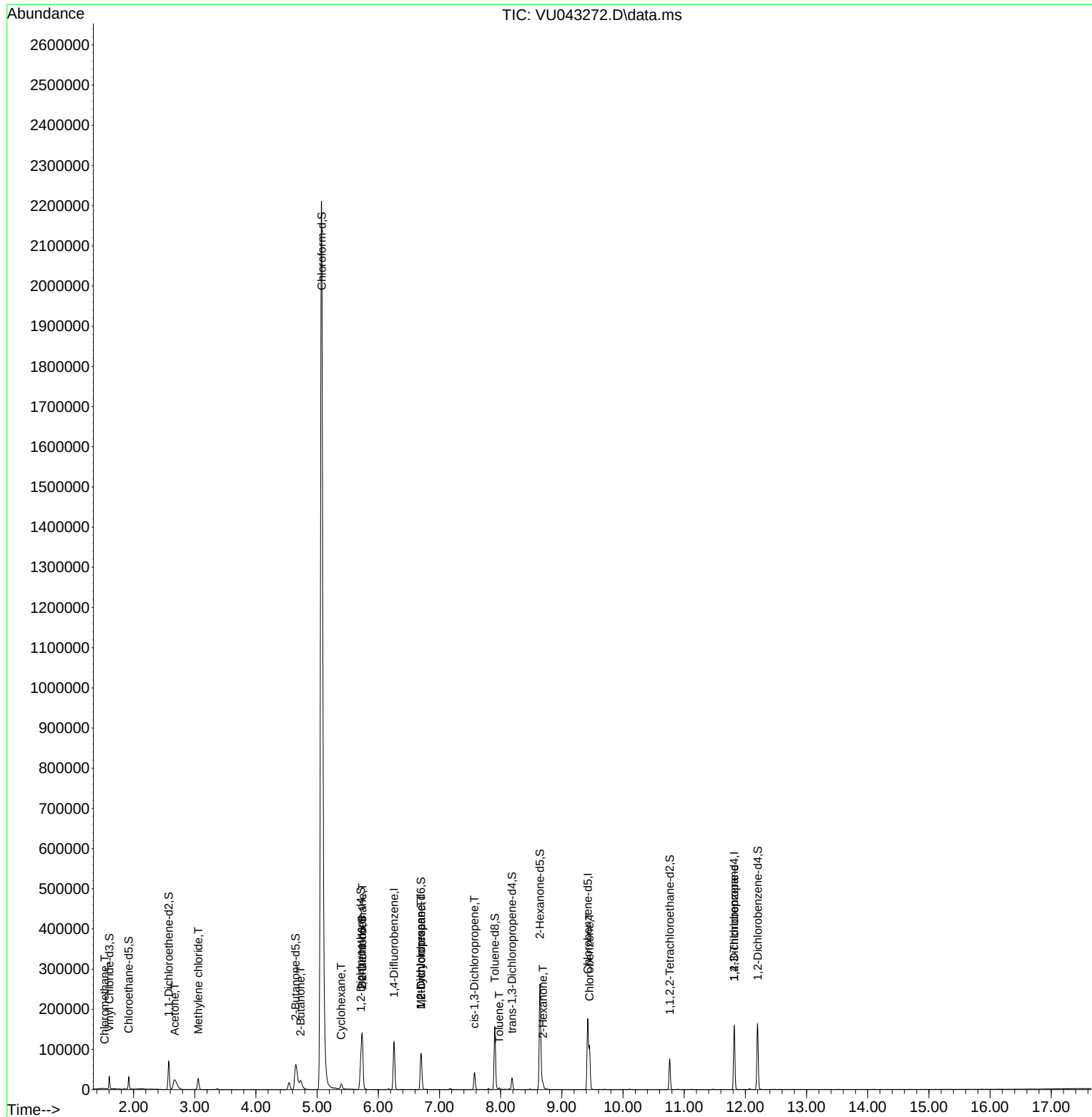
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85746	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85764	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39010	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20263	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.919	69	18811	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.575	65	13358	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.80%
20) 2-Butanone-d5	4.649	46	134868	70.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.04%#
24) Chloroform-d	5.076	84	68364	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
26) 1,2-Dichloroethane-d4	5.713	65	42704	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.736	84	115124	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
36) 1,2-Dichloropropane-d6	6.697	67	37761	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.906	98	94879	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.186	79	14012	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.642	63	77706	53.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.56%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34722	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	38249	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	676	0.12	ug/L	93
13) Acetone	2.671	43	67907	48.33	ug/L #	68
16) Methylene chloride	3.057	84	11087	1.80	ug/L #	69
21) 2-Butanone	4.732	43	39920	17.21	ug/L #	61
27) 1,2-Dichloroethane	5.739	62	949	0.11	ug/L #	74
30) Cyclohexane	5.391	56	5751	0.63	ug/L #	82
35) Methylcyclohexane	6.697	83	9032	1.03	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	4572	0.71	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1109	0.12	ug/L #	71
42) Toluene	7.977	91	2532	0.10	ug/L	98
48) 2-Hexanone	8.690	43	6277	1.48	ug/L #	73
51) Chlorobenzene	9.452	112	49470	3.03	ug/L	96
61) 1,2,3-Trichloropropane	11.819	75	5122	1.27	ug/L #	59

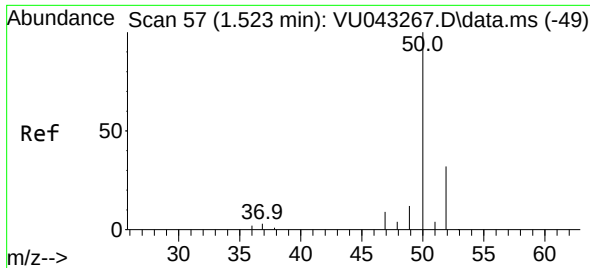
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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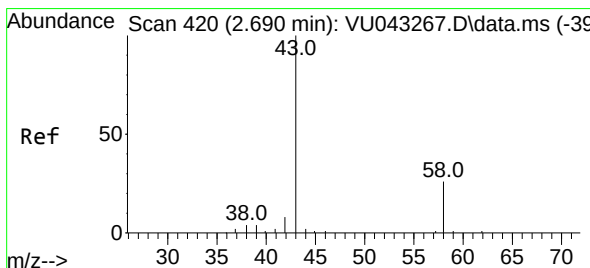
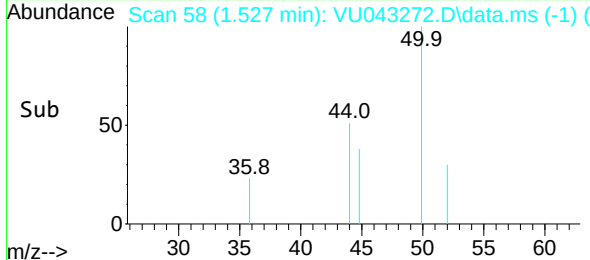
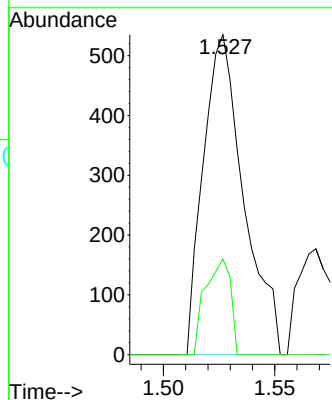
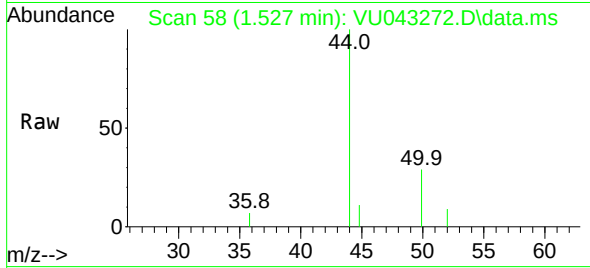




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

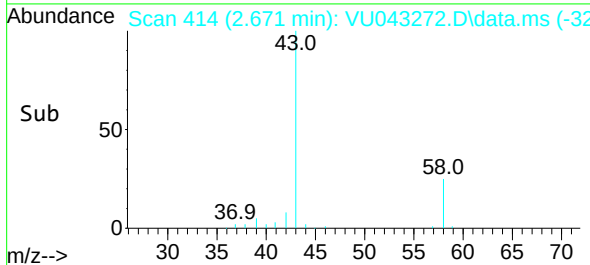
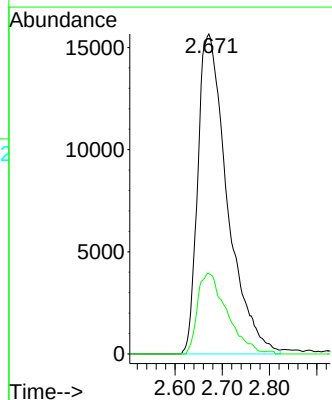
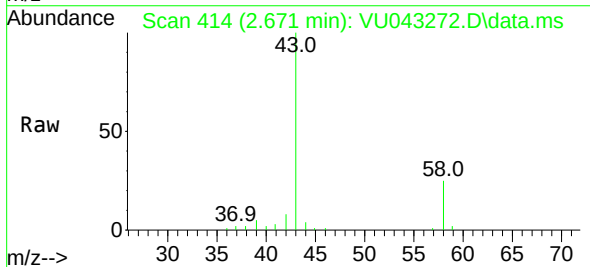
Instrument :
MSVOA_U
ClientSampleId :
H4545

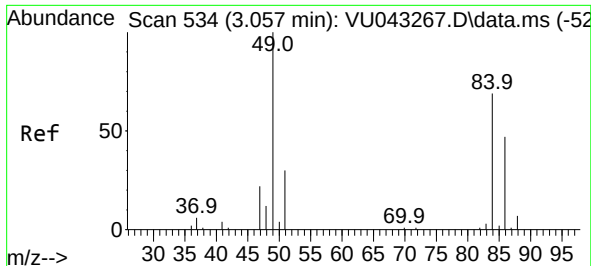
Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 29.9 23.6 43.8



#13
Acetone
Concen: 48.33 ug/L
RT: 2.671 min Scan# 414
Delta R.T. -0.019 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

Tgt Ion: 43 Resp: 67907
Ion Ratio Lower Upper
43 100
58 25.1 0.0 25.0#

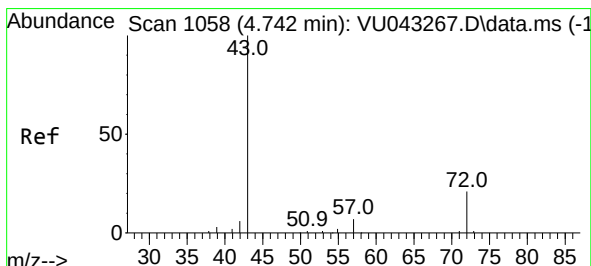
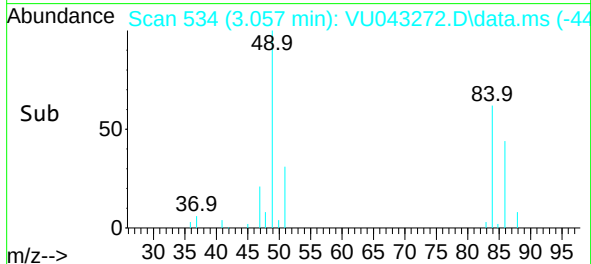
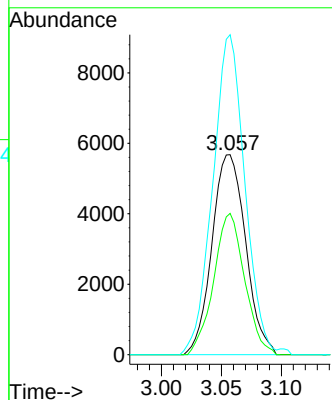
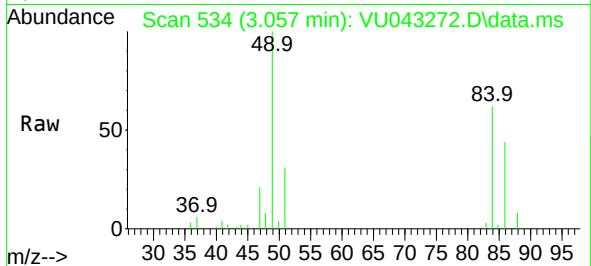




#16
Methylene chloride
Concen: 1.80 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

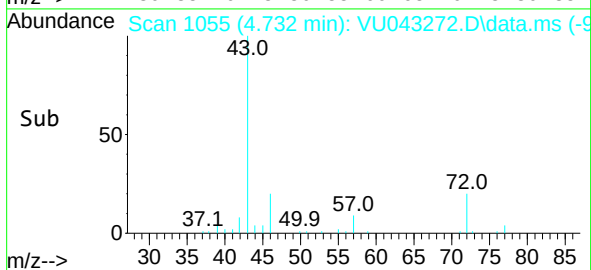
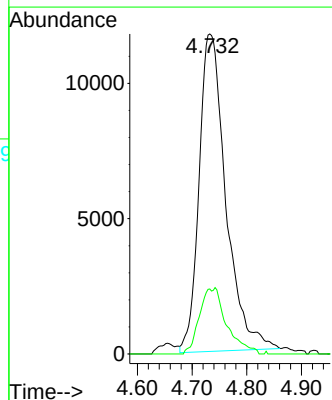
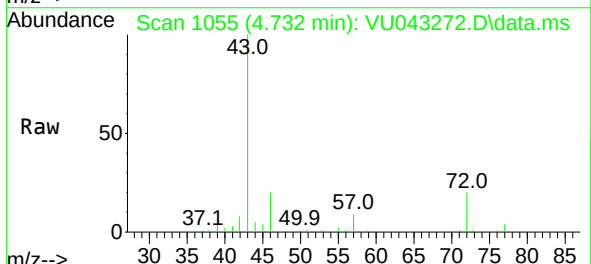
Instrument :
MSVOA_U
ClientSampleId :
H4545

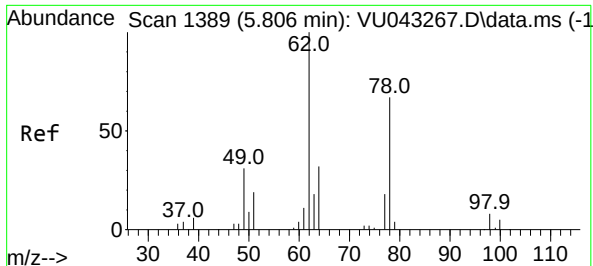
Tgt Ion: 84 Resp: 11087
Ion Ratio Lower Upper
84 100
86 70.7 44.9 83.5
49 160.0 79.0 146.8#



#21
2-Butanone
Concen: 17.21 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.009 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

Tgt Ion: 43 Resp: 39920
Ion Ratio Lower Upper
43 100
72 9.8 15.8 47.3#





#27

1,2-Dichloroethane

Concen: 0.11 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.067 min

Lab File: VU043272.D

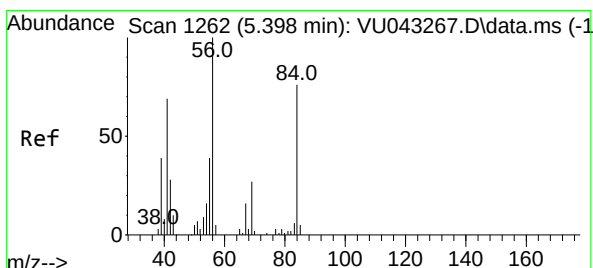
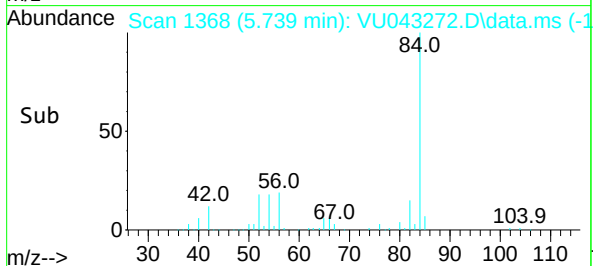
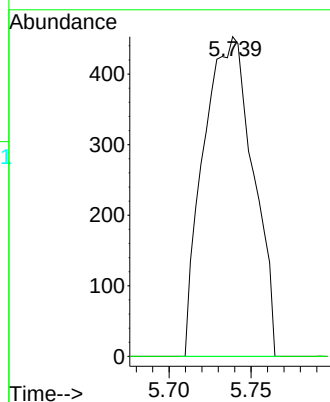
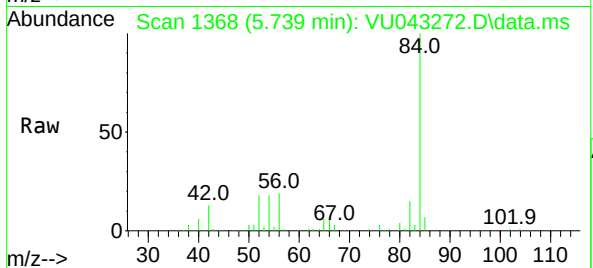
Acq: 22 Apr 2021 12:48

Tgt Ion: 62 Resp: 949

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



#30

Cyclohexane

Concen: 0.63 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.006 min

Lab File: VU043272.D

Acq: 22 Apr 2021 12:48

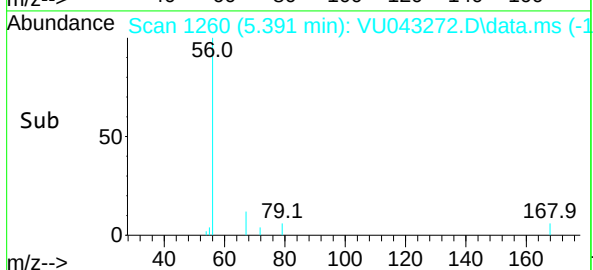
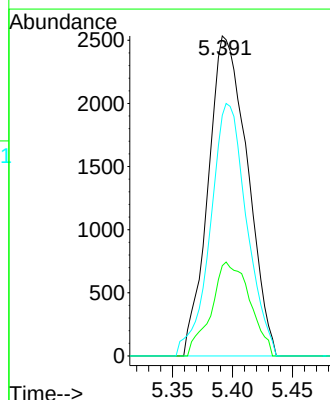
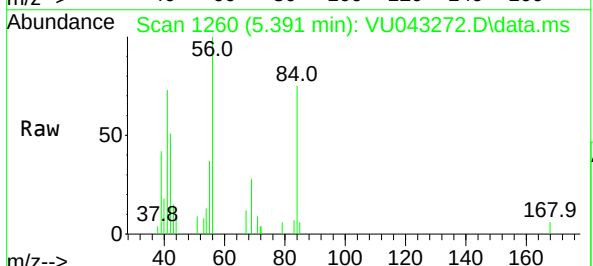
Tgt Ion: 56 Resp: 5751

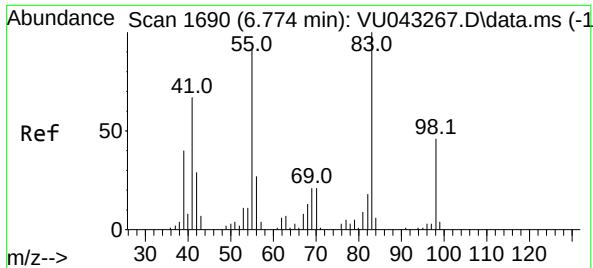
Ion Ratio Lower Upper

56 100

69 28.9 25.2 37.8

84 73.2 76.2 114.4#

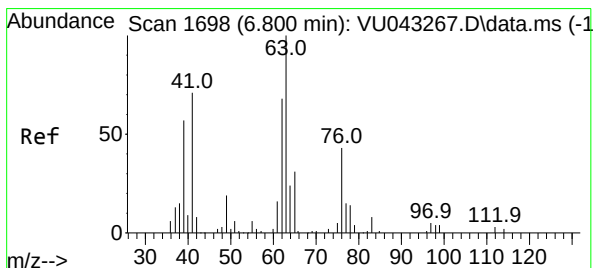
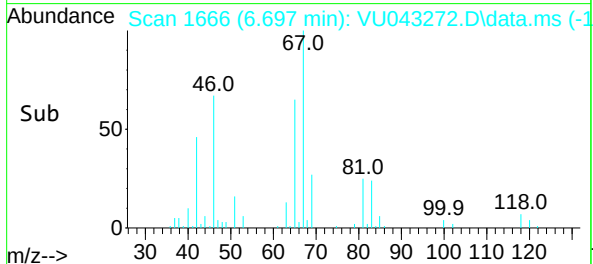
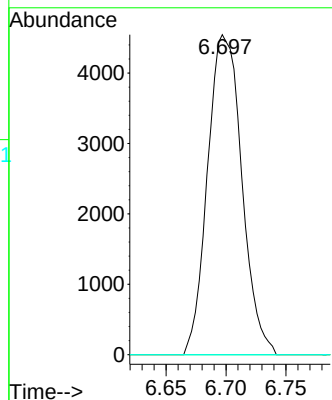
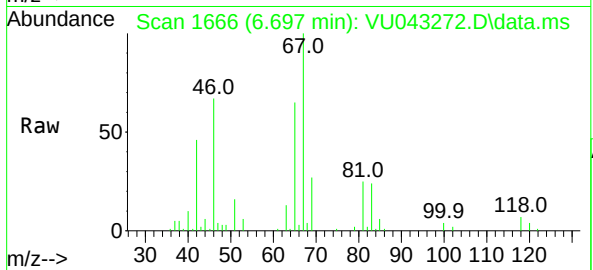




#35
Methylcyclohexane
Concen: 1.03 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

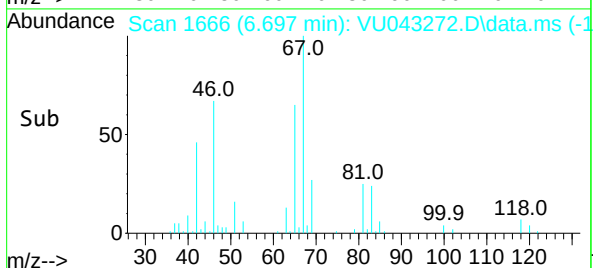
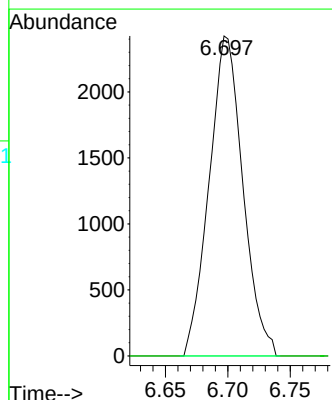
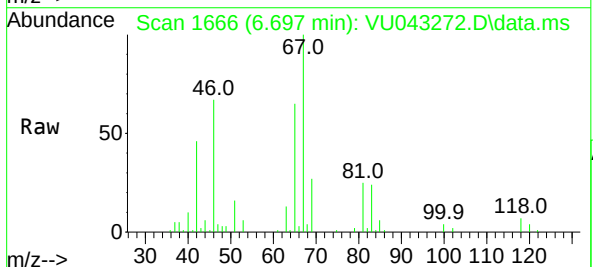
Instrument :
MSVOA_U
ClientSampled :
H4545

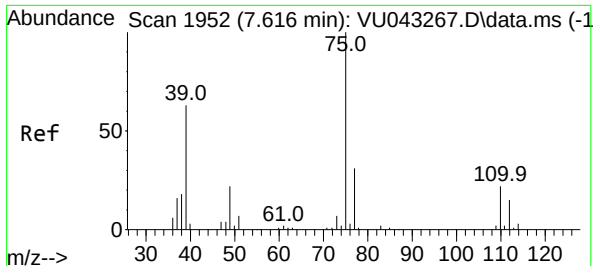
Tgt Ion: 83	Resp: 9032
Ion Ratio	Lower Upper
83 100	
55 0.0	59.5 89.3#
98 0.0	37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

Tgt Ion: 63	Resp: 4572
Ion Ratio	Lower Upper
63 100	
112 0.0	3.5 5.3#



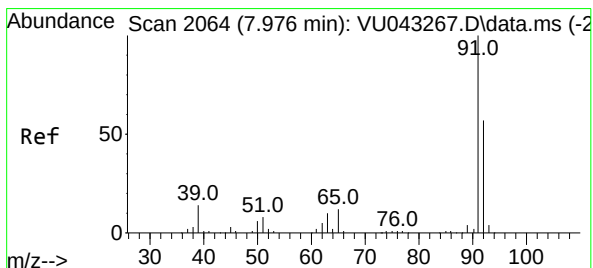
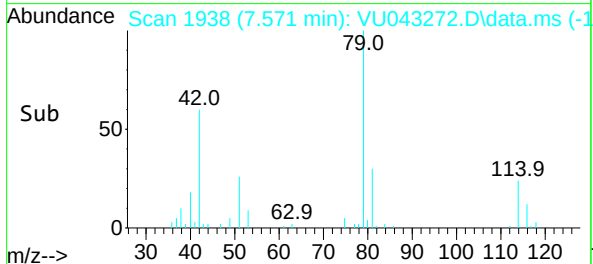
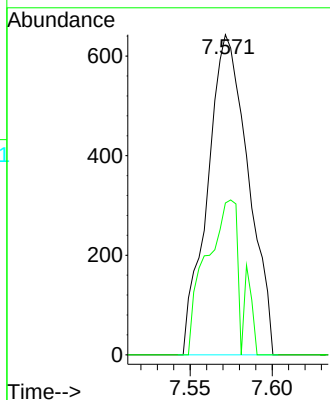
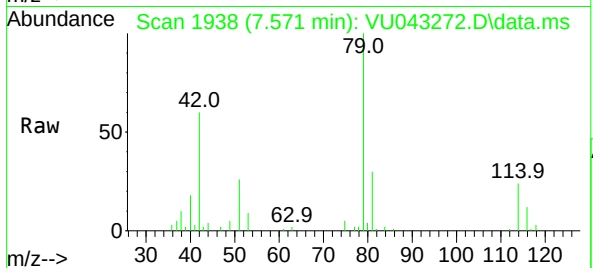


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

Instrument :
MSVOA_U
ClientSampleId :
H4545

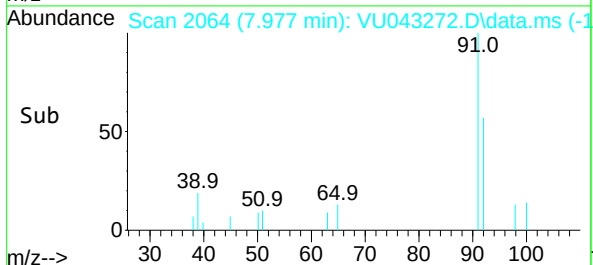
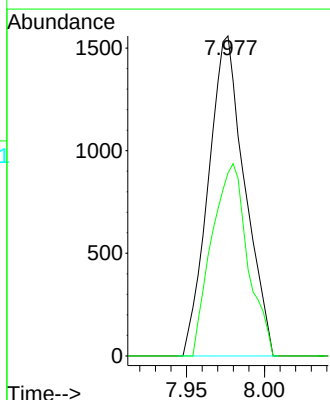
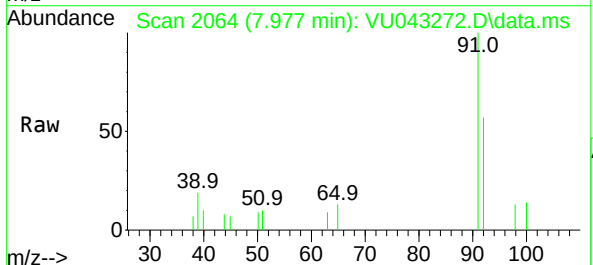
Tgt Ion: 75 Resp: 1109
Ion Ratio Lower Upper
75 100
77 47.4 21.8 40.6#

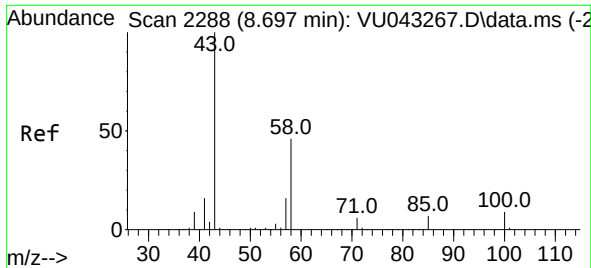


#42

Toluene
Concen: 0.10 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

Tgt Ion: 91 Resp: 2532
Ion Ratio Lower Upper
91 100
92 57.2 40.9 76.0

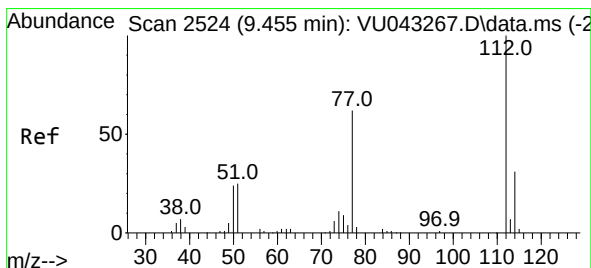
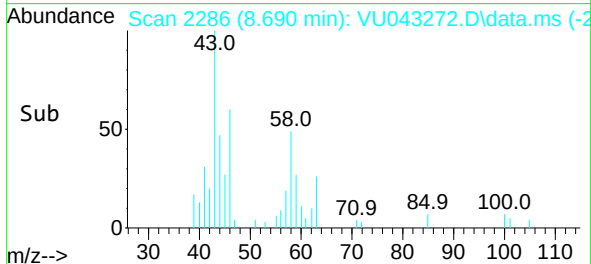
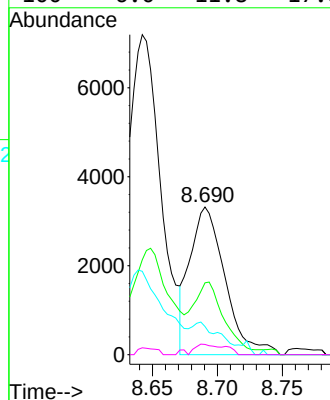
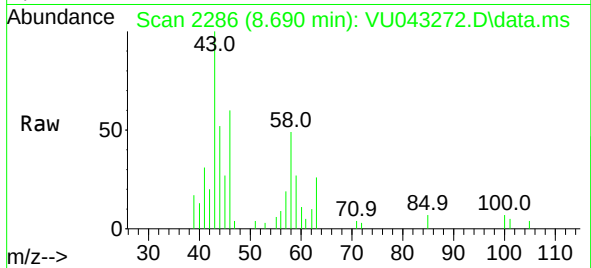




#48
2-Hexanone
Concen: 1.48 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

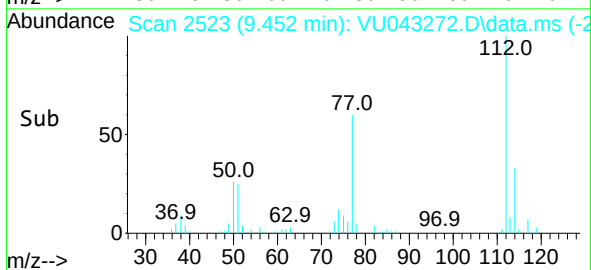
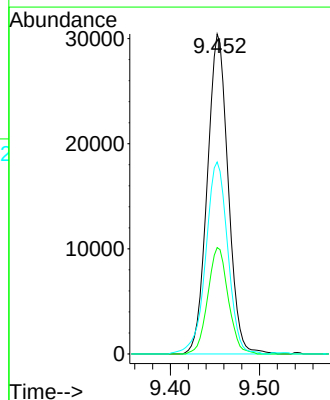
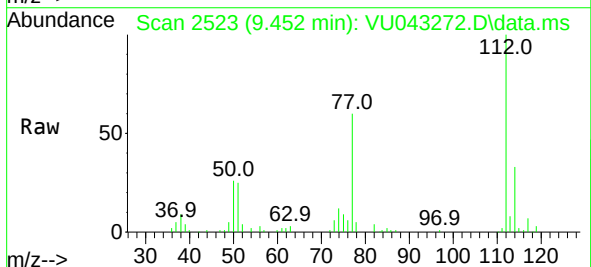
Instrument :
MSVOA_U
ClientSampled :
H4545

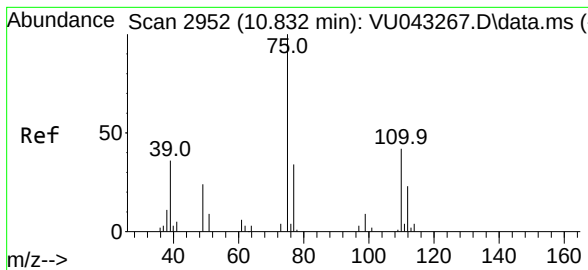
Tgt Ion: 43	Resp: 6277
Ion Ratio	Lower Upper
43 100	
58 39.4	50.0 75.0#
57 10.8	17.4 26.0#
100 6.0	11.8 17.8#



#51
Chlorobenzene
Concen: 3.03 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043272.D
Acq: 22 Apr 2021 12:48

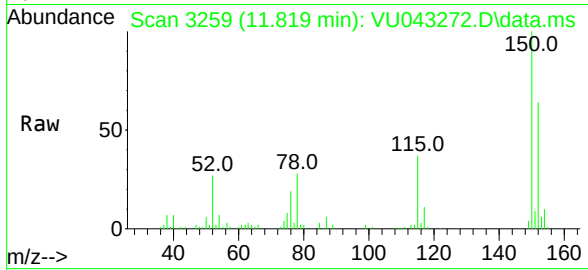
Tgt Ion:112	Resp:	49470	
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.9	40.7
77	60.0	45.1	67.7





#61
 1,2,3-Trichloropropane
 Concen: 1.27 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043272.D
 Acq: 22 Apr 2021 12:48

Instrument :
 MSVOA_U
 ClientSampleId :
 H4545



Tgt Ion: 75 Resp: 5122
 Ion Ratio Lower Upper
 75 100
 110 0.4 31.5 47.3#
 77 41.0 26.3 39.5#

