

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043130.D
 Acq On : 15 Apr 2021 18:56
 Operator : SY/MD
 Sample : M2055-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:38:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

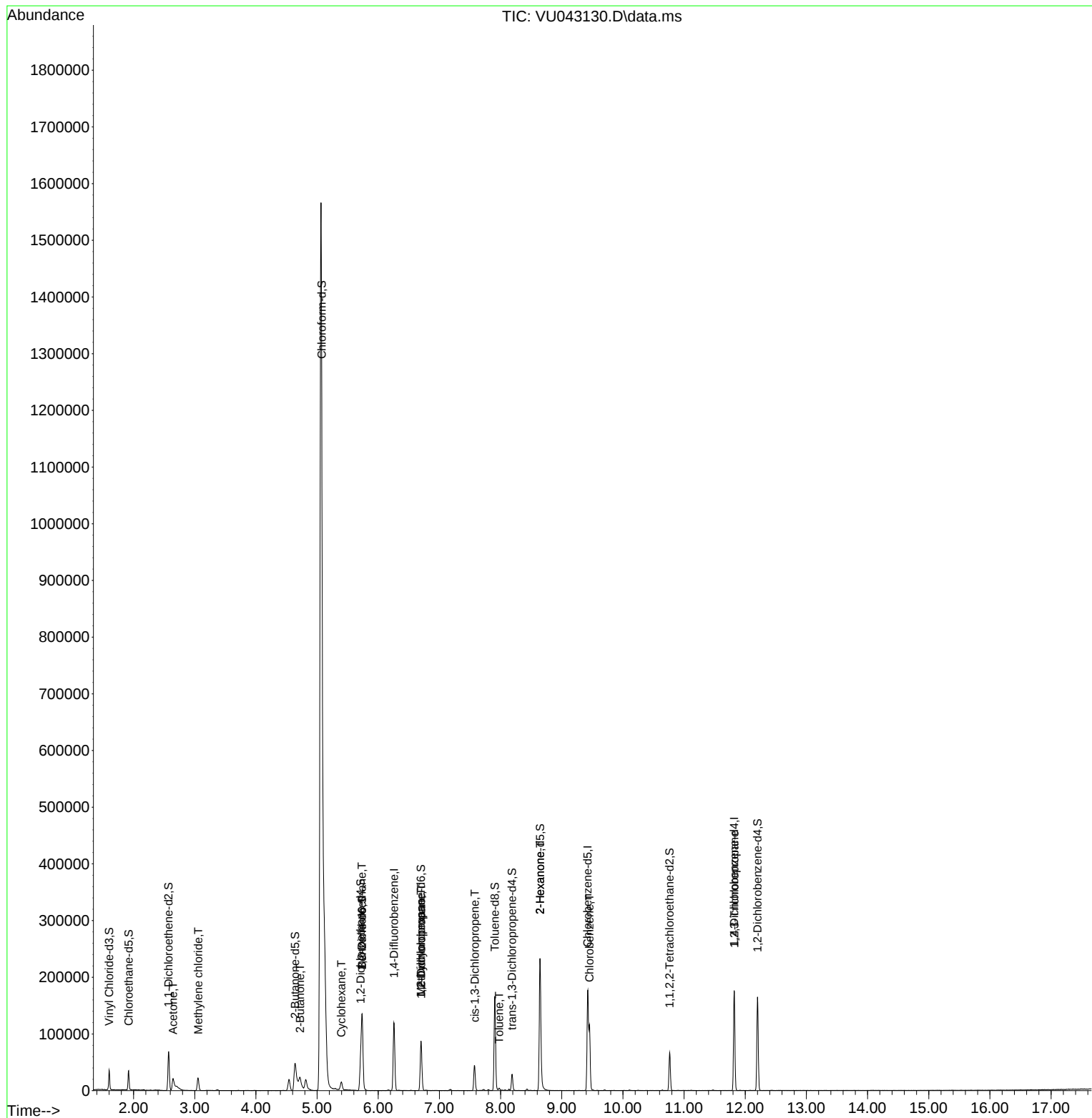
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90617	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	87239	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43782	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22809	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.919	69	22549	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.571	65	13011	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	4.639	46	111419	55.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.26%
24) Chloroform-d	5.076	84	63302	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.713	65	38982	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	109983	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.700	67	36390	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.906	98	101760	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.185	79	14727	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.645	63	79582	53.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30184	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	39493	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%
Target Compounds						Qvalue
13) Acetone	2.645	43	45958	30.95	ug/L	78
16) Methylene chloride	3.057	84	9858	1.51	ug/L	84
21) 2-Butanone	4.723	43	27320	11.15	ug/L	81
27) 1,2-Dichloroethane	5.732	62	823	0.09	ug/L #	74
30) Cyclohexane	5.398	56	6433	0.70	ug/L	87
35) Methylcyclohexane	6.700	83	8017	0.90	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	4514	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1217	0.13	ug/L #	66
42) Toluene	7.976	91	3020	0.12	ug/L	88
48) 2-Hexanone	8.645	43	11789	2.73	ug/L #	64
51) Chlorobenzene	9.455	112	50487	3.04	ug/L	93
61) 1,2,3-Trichloropropane	11.822	75	5645	1.25	ug/L #	61

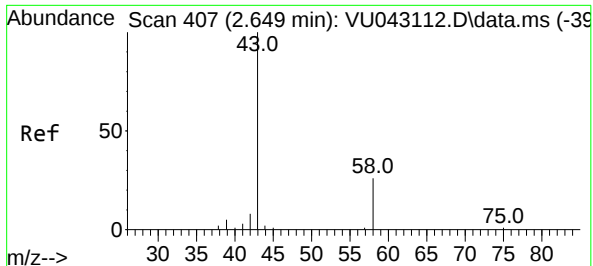
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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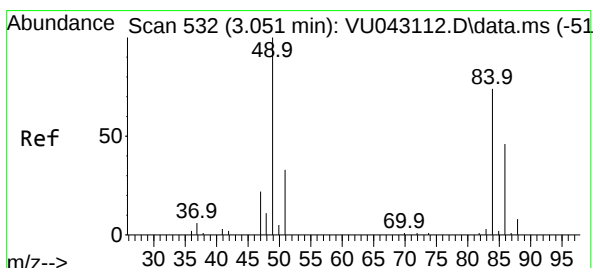
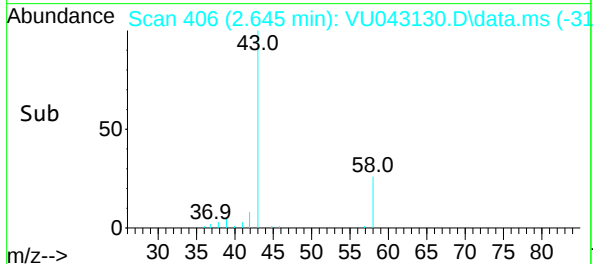
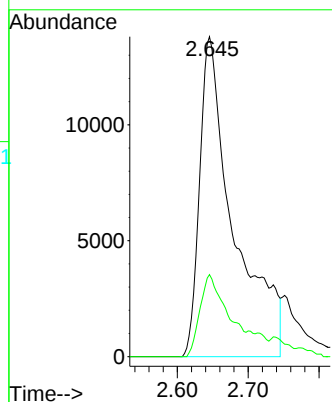
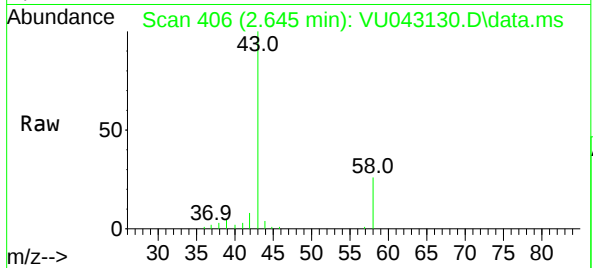




#13
Acetone
Concen: 30.95 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

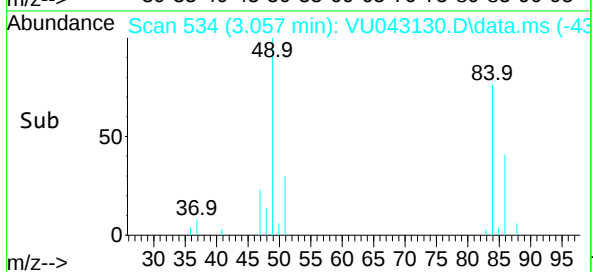
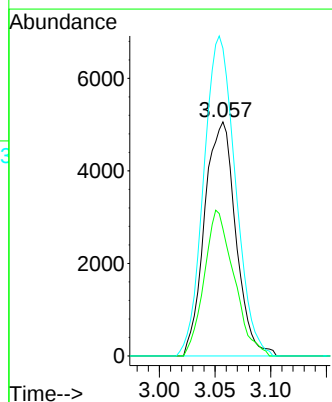
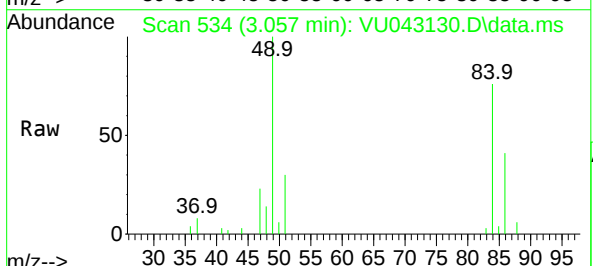
Instrument :
MSVOA_U
ClientSampleId :

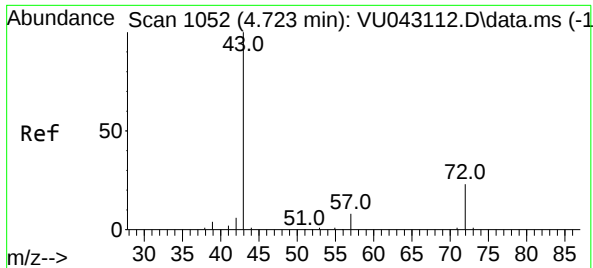
Tgt Ion: 43 Resp: 45958
Ion Ratio Lower Upper
43 100
58 21.0 0.0 25.0



#16
Methylene chloride
Concen: 1.51 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Tgt Ion: 84 Resp: 9858
Ion Ratio Lower Upper
84 100
86 54.4 44.9 83.5
49 131.4 79.0 146.8

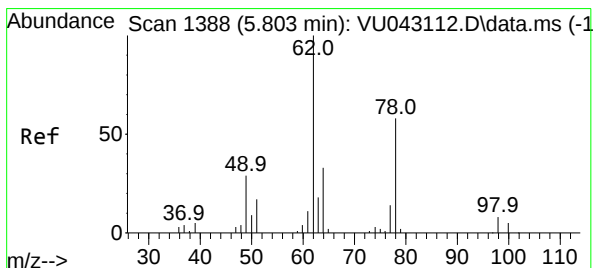
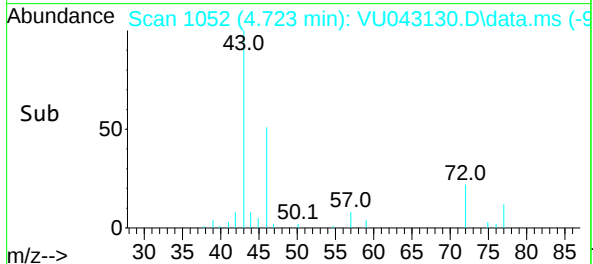
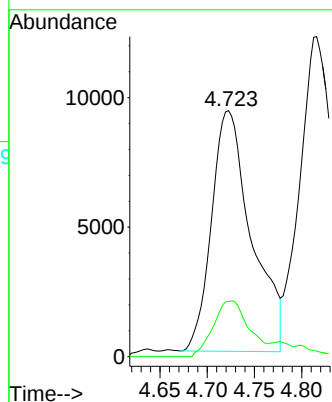
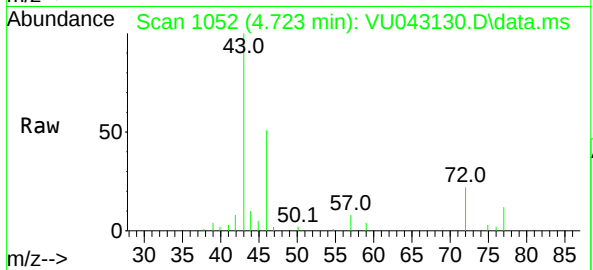




#21
2-Butanone
Concen: 11.15 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

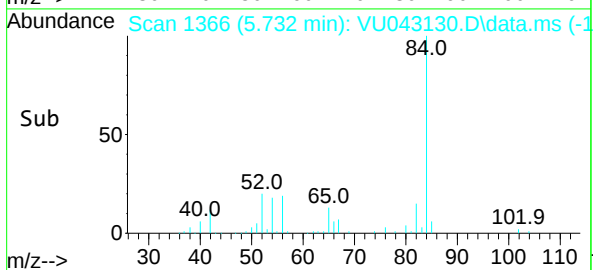
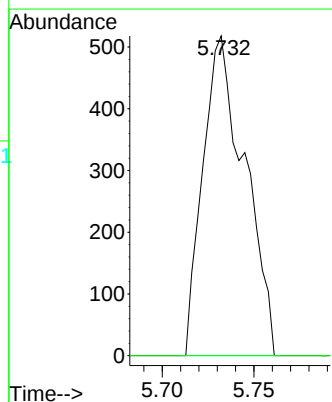
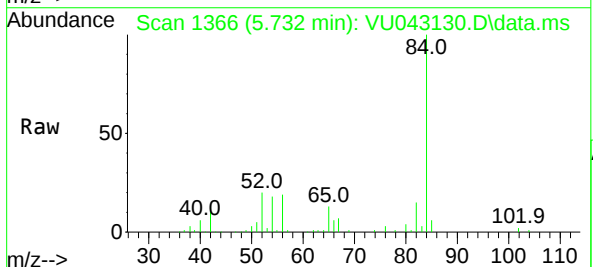
Instrument :
MSVOA_U
ClientSampled :

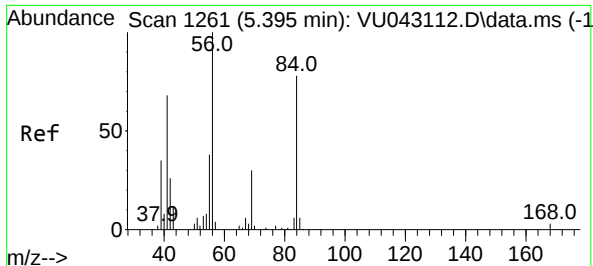
Tgt Ion: 43 Resp: 27320
Ion Ratio Lower Upper
43 100
72 20.7 15.8 47.3



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Tgt Ion: 62 Resp: 823
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#30

Cyclohexane

Concen: 0.70 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.003 min

Lab File: VU043130.D

Acq: 15 Apr 2021 18:56

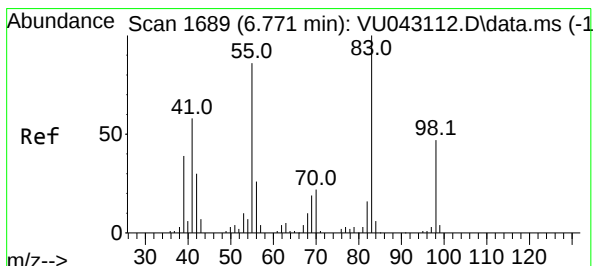
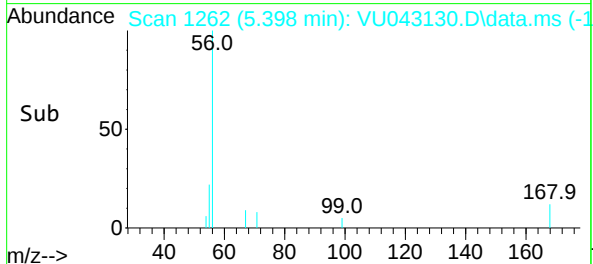
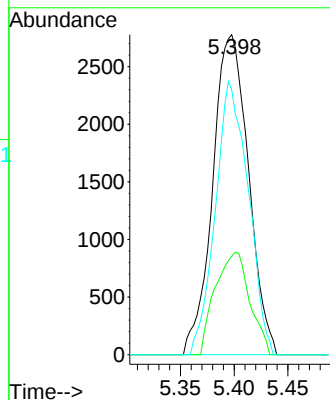
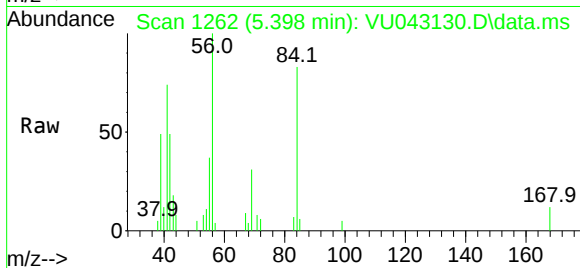
Tgt Ion: 56 Resp: 6433

Ion Ratio Lower Upper

56 100

69 30.8 25.2 37.8

84 78.5 76.2 114.4



#35

Methylcyclohexane

Concen: 0.90 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU043130.D

Acq: 15 Apr 2021 18:56

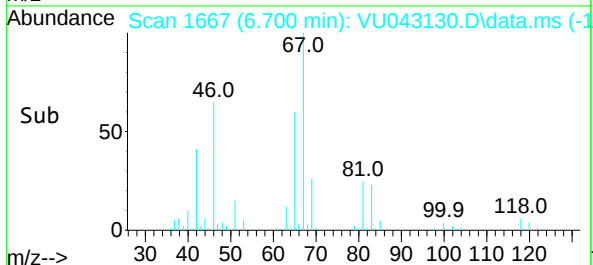
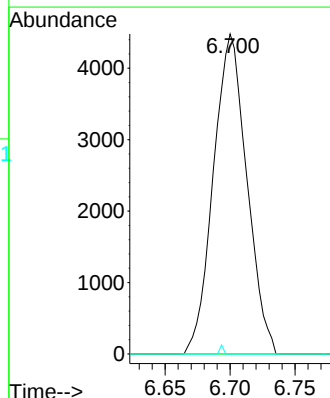
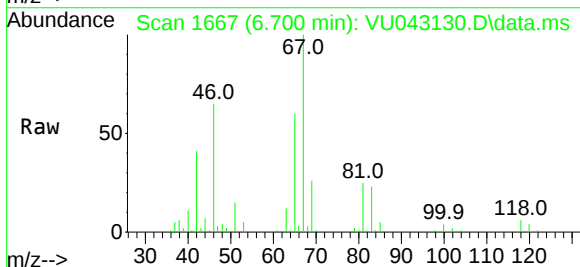
Tgt Ion: 83 Resp: 8017

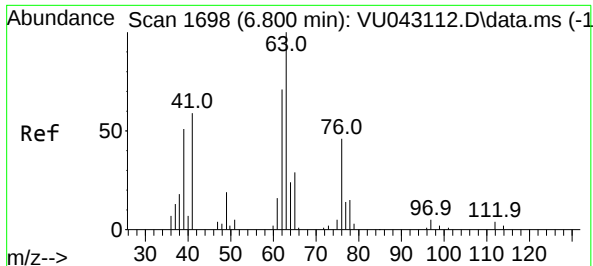
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.3 37.9 56.9#



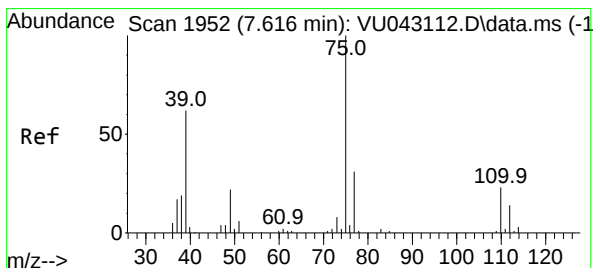
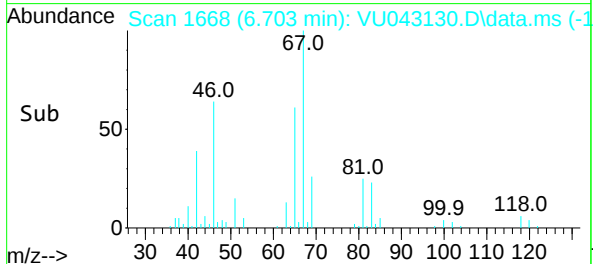
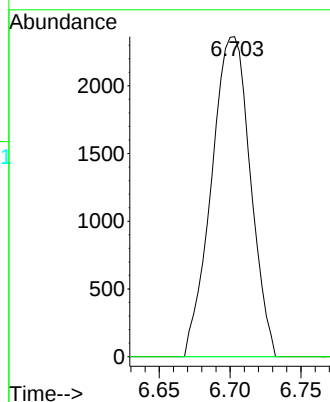
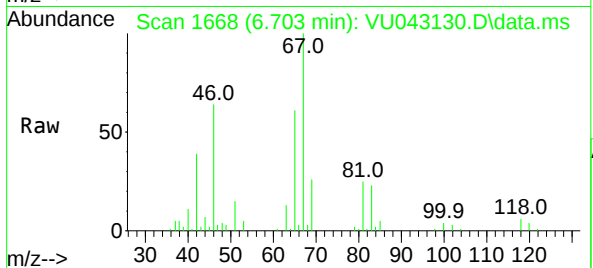


#37

1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Instrument :
MSVOA_U
ClientSampled :

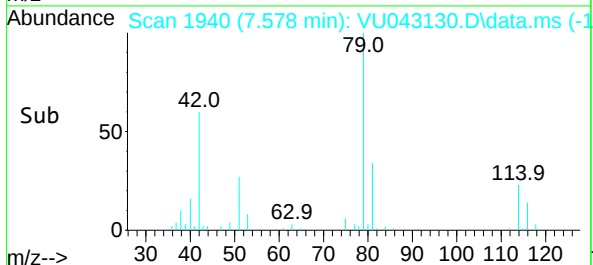
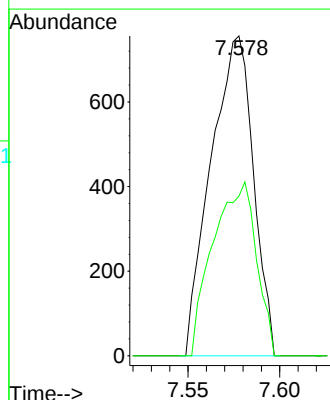
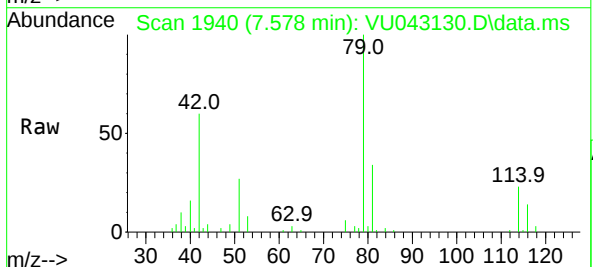
Tgt Ion: 63 Resp: 4514
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

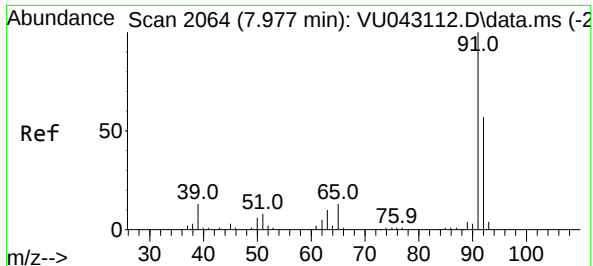


#39

cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Tgt Ion: 75 Resp: 1217
Ion Ratio Lower Upper
75 100
77 49.9 21.8 40.6#

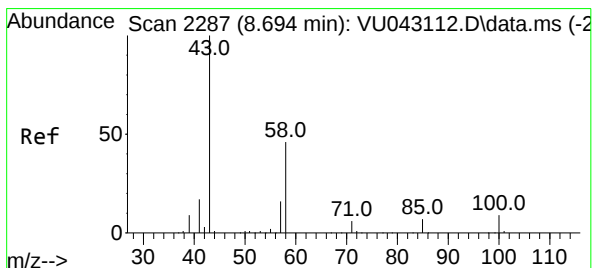
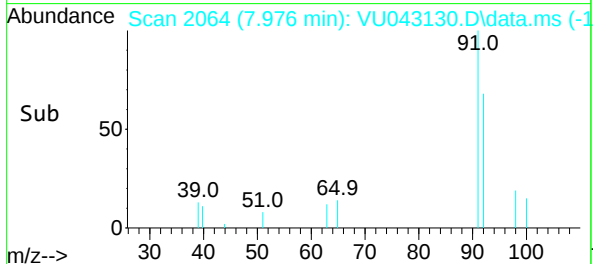
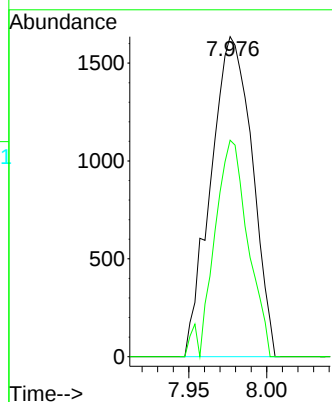
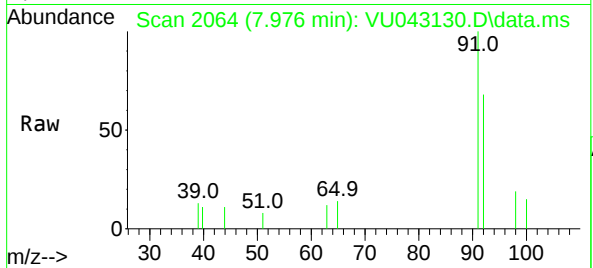




#42
Toluene
Concen: 0.12 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

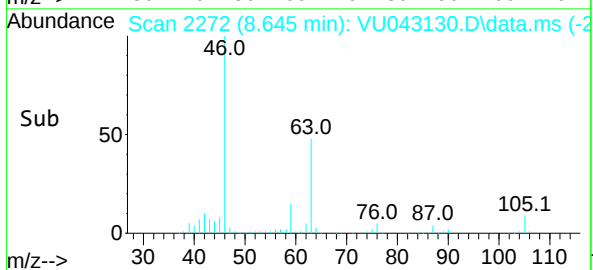
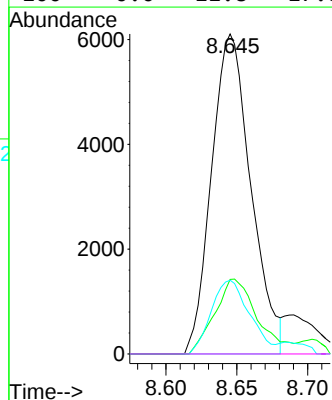
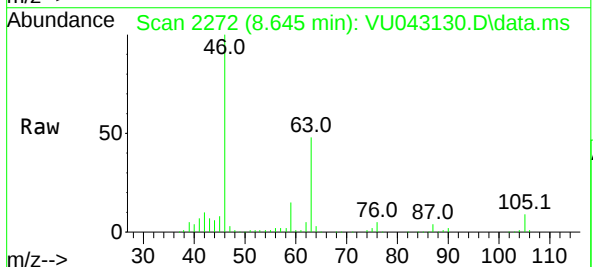
Instrument :
MSVOA_U
ClientSampled :

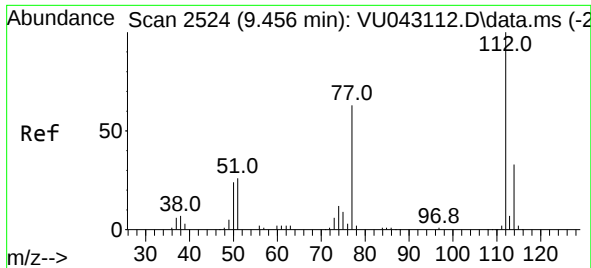
Tgt Ion: 91 Resp: 3020
Ion Ratio Lower Upper
91 100
92 67.6 40.9 76.0



#48
2-Hexanone
Concen: 2.73 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Tgt Ion: 43 Resp: 11789
Ion Ratio Lower Upper
43 100
58 25.6 50.0 75.0#
57 22.6 17.4 26.0
100 0.0 11.8 17.8#

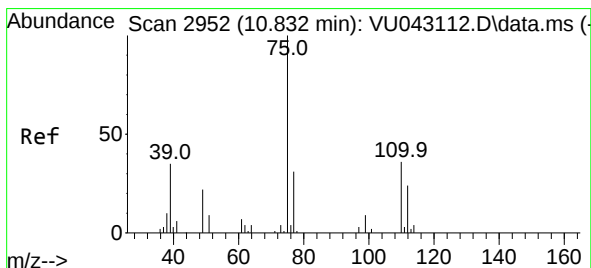
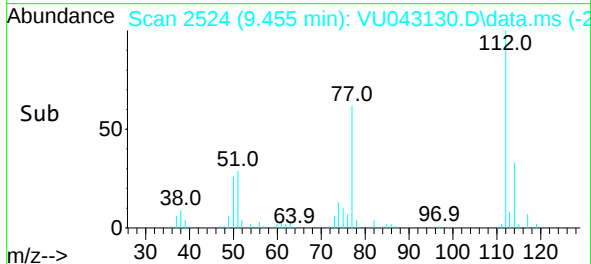
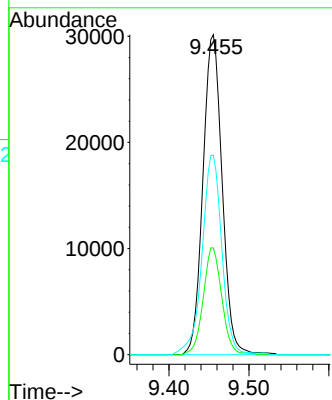
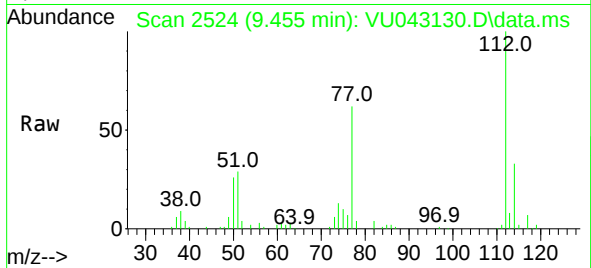




#51
Chlorobenzene
Concen: 3.04 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:112 Resp: 50487
Ion Ratio Lower Upper
112 100
114 33.4 21.9 40.7
77 62.4 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 1.25 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU043130.D
Acq: 15 Apr 2021 18:56

Tgt Ion: 75 Resp: 5645
Ion Ratio Lower Upper
75 100
110 2.1 31.5 47.3#
77 40.1 26.3 39.5#

