

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043131.D
 Acq On : 15 Apr 2021 19:20
 Operator : SY/MD
 Sample : M2057-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:38:53 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)

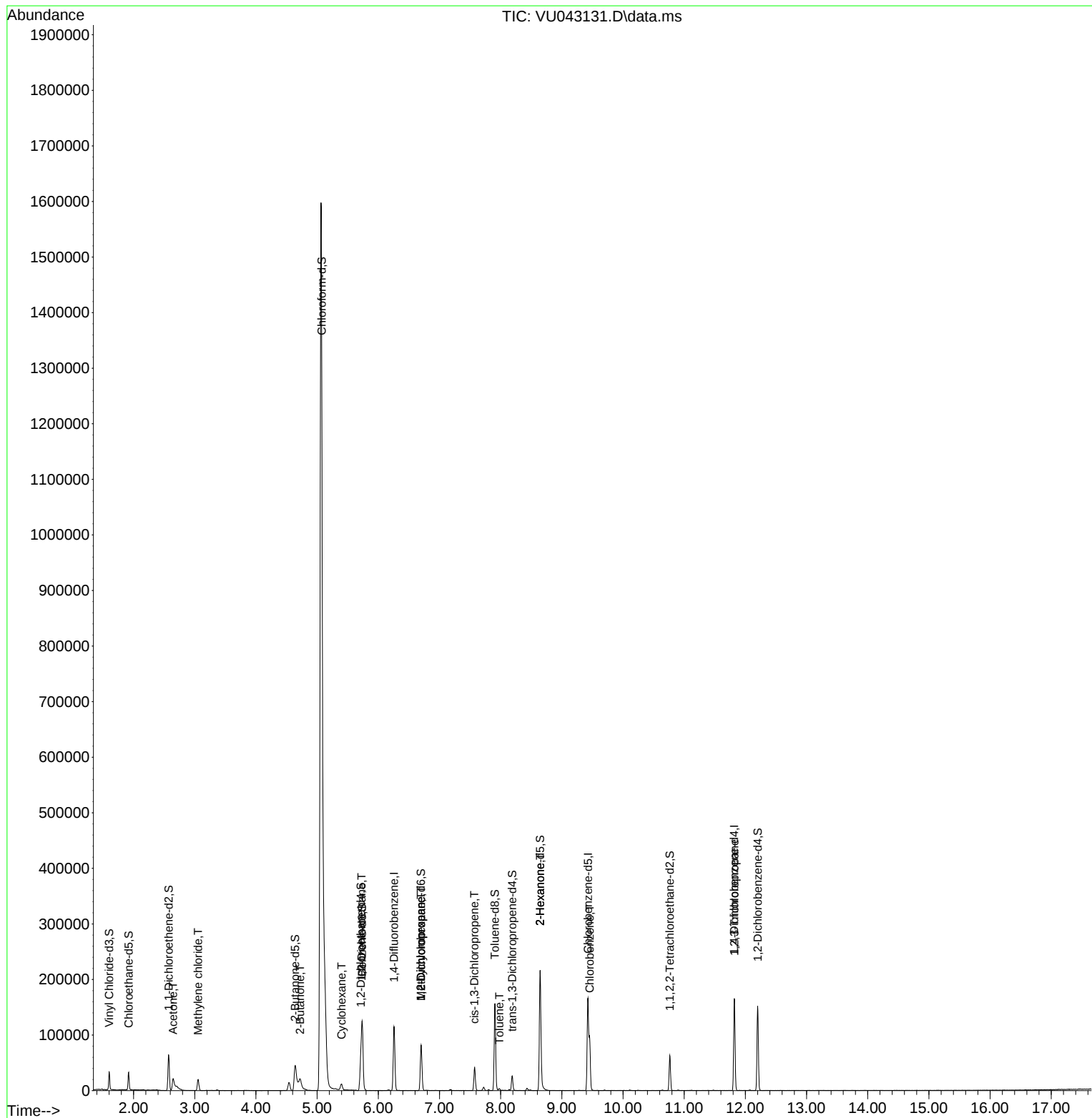
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	86411	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	83408	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41053	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21761	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.919	69	21040	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.575	65	12130	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.639	46	103263	53.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.16%
24) Chloroform-d	5.076	84	58924	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.713	65	35734	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.735	84	103935	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.700	67	34356	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	96410	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.189	79	13425	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.645	63	73778	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27721	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	36882	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%
Target Compounds					Qvalue	
13) Acetone	2.645	43	43605	30.79	ug/L	69
16) Methylene chloride	3.054	84	8111	1.30	ug/L #	69
21) 2-Butanone	4.722	43	31546	13.50	ug/L	82
27) 1,2-Dichloroethane	5.729	62	770	0.09	ug/L #	74
30) Cyclohexane	5.401	56	4852	0.55	ug/L	92
35) Methylcyclohexane	6.700	83	8088	0.95	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4330	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1028	0.11	ug/L	85
42) Toluene	7.980	91	2361	0.09	ug/L	99
48) 2-Hexanone	8.645	43	11126	2.69	ug/L #	62
51) Chlorobenzene	9.455	112	44393	2.79	ug/L	93
61) 1,2,3-Trichloropropane	11.822	75	4677	1.10	ug/L #	53

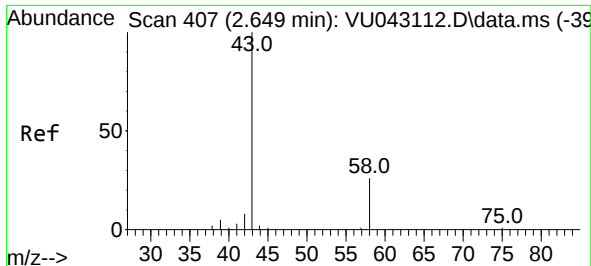
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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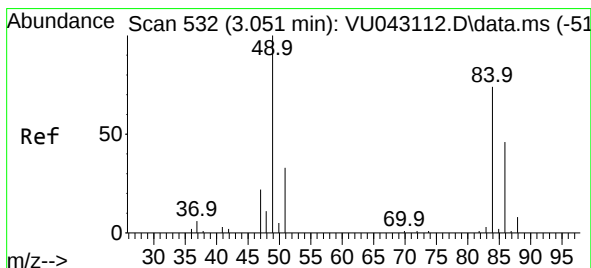
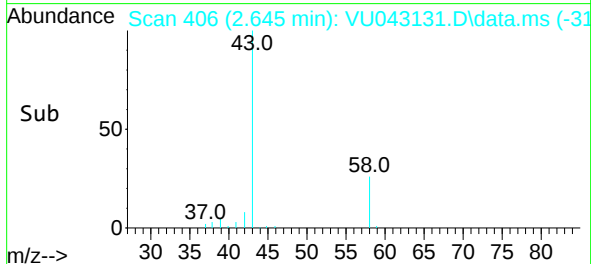
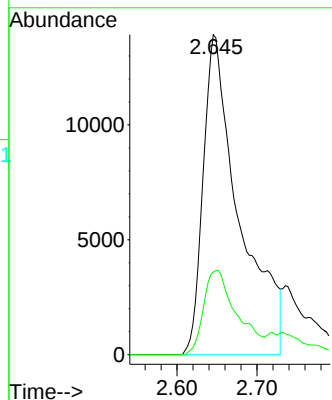
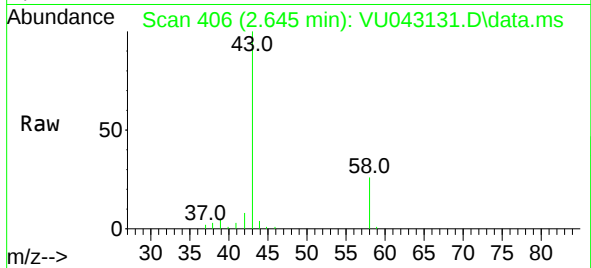




#13
Acetone
Concen: 30.79 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

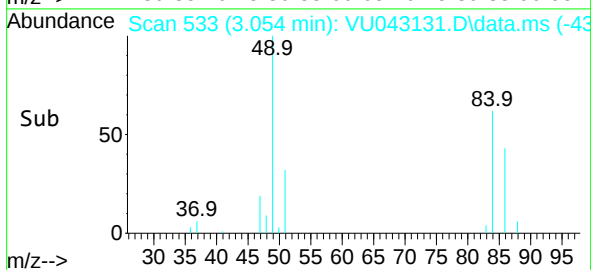
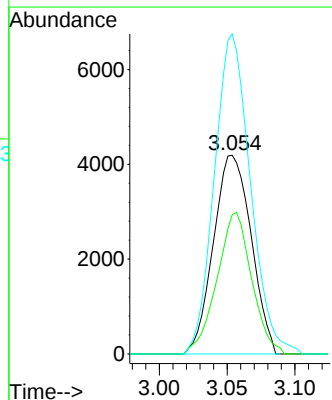
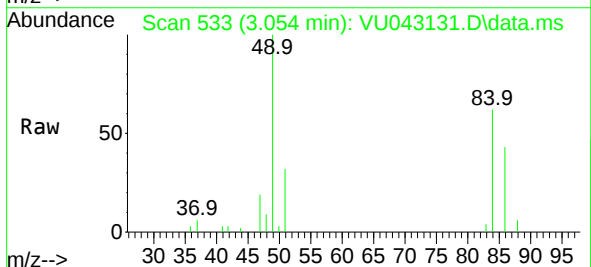
Instrument :
MSVOA_U
ClientSampled :

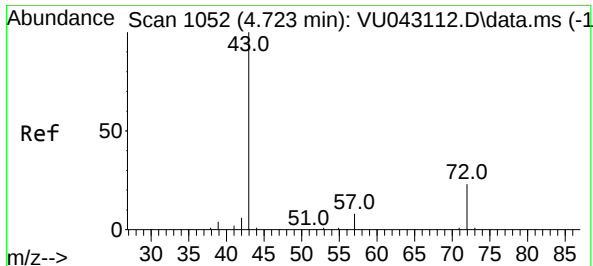
Tgt Ion: 43 Resp: 43605
Ion Ratio Lower Upper
43 100
58 24.7 0.0 25.0



#16
Methylene chloride
Concen: 1.30 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Tgt Ion: 84 Resp: 8111
Ion Ratio Lower Upper
84 100
86 70.0 44.9 83.5
49 161.0 79.0 146.8#

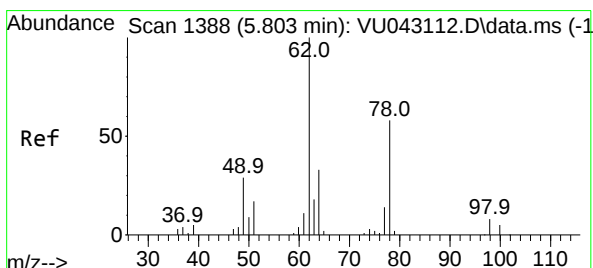
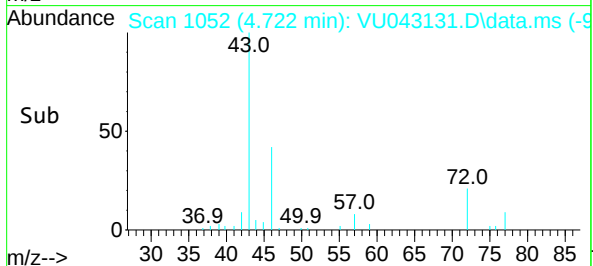
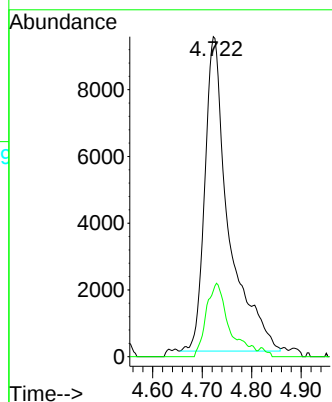
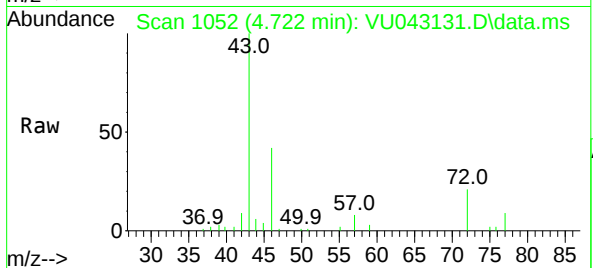




#21
2-Butanone
Concen: 13.50 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

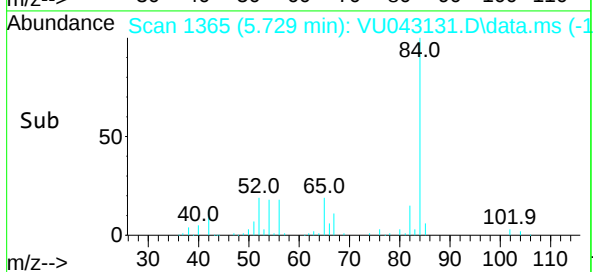
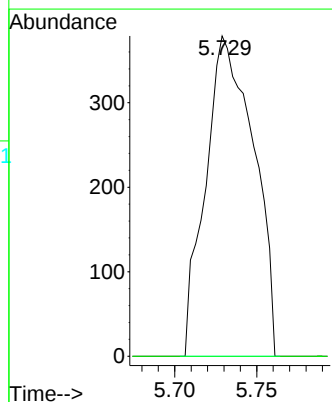
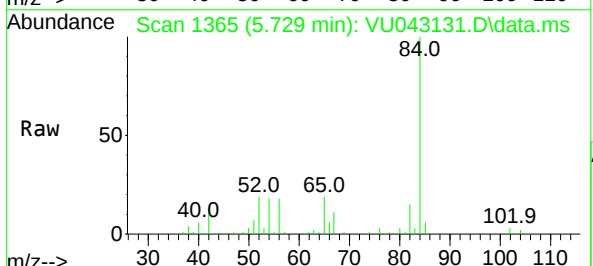
Instrument :
MSVOA_U
ClientSampled :

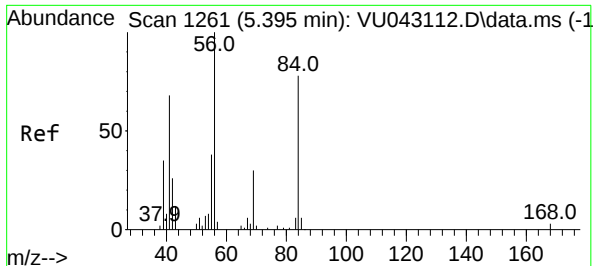
Tgt Ion: 43 Resp: 31546
Ion Ratio Lower Upper
43 100
72 21.6 15.8 47.3



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Tgt Ion: 62 Resp: 770
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#30

Cyclohexane

Concen: 0.55 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VU043131.D

Acq: 15 Apr 2021 19:20

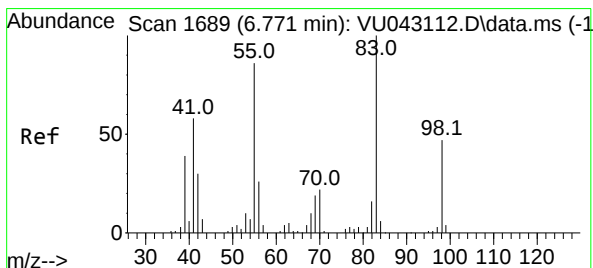
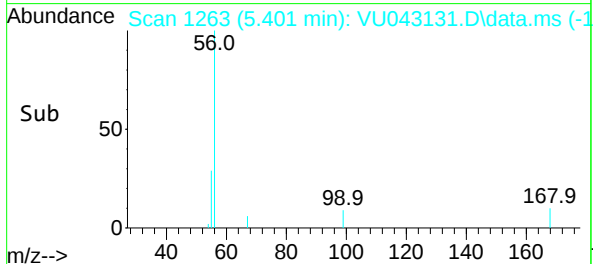
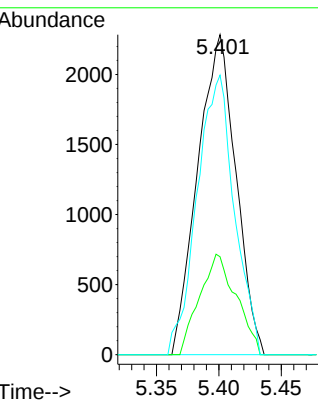
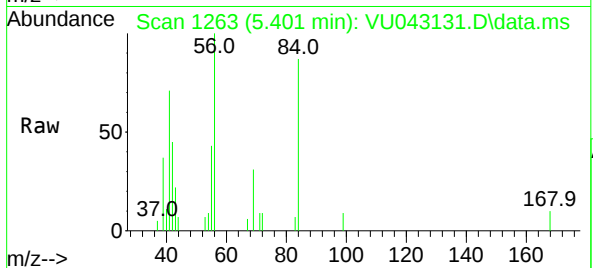
Tgt Ion: 56 Resp: 4852

Ion Ratio Lower Upper

56 100

69 30.2 25.2 37.8

84 85.4 76.2 114.4



#35

Methylcyclohexane

Concen: 0.95 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU043131.D

Acq: 15 Apr 2021 19:20

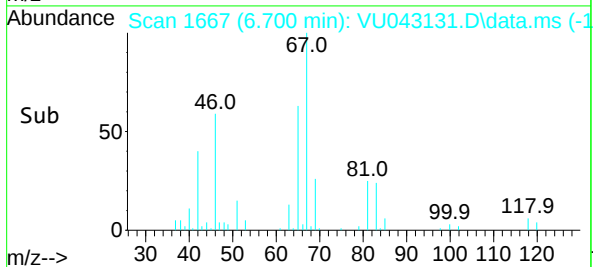
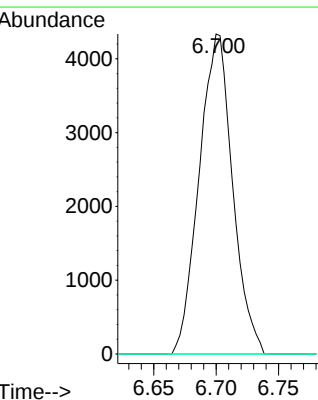
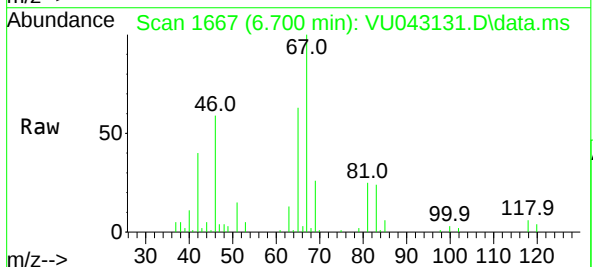
Tgt Ion: 83 Resp: 8088

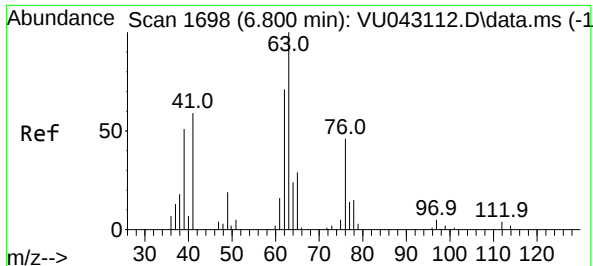
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.0 37.9 56.9#



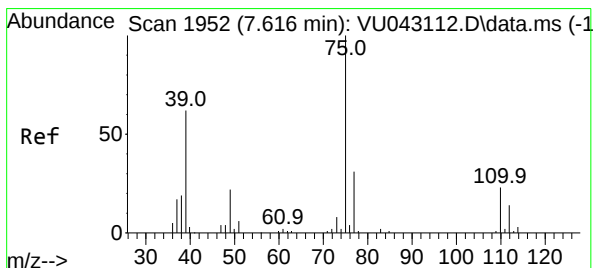
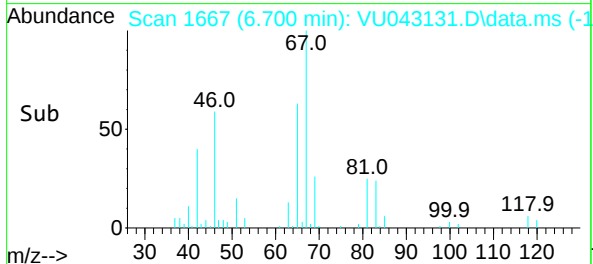
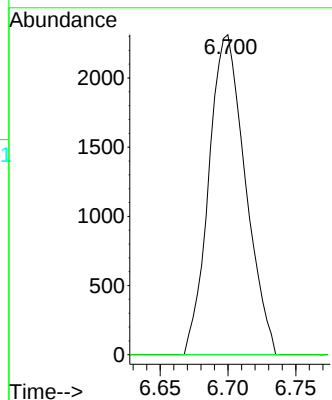
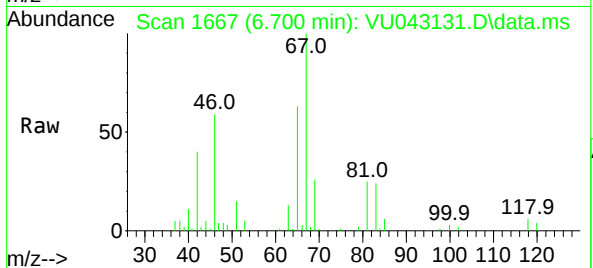


#37

1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Instrument :
MSVOA_U
ClientSampled :

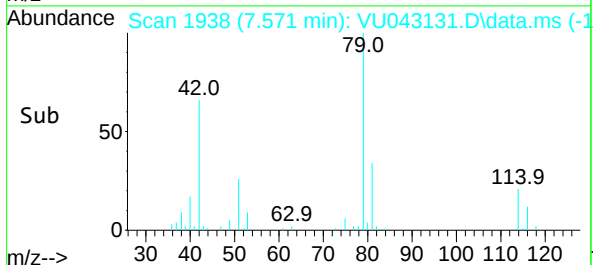
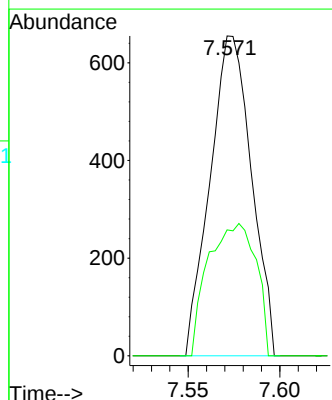
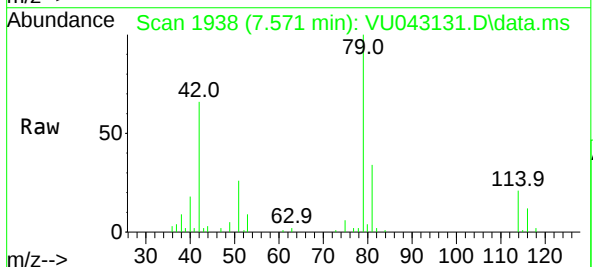
Tgt Ion: 63 Resp: 4330
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

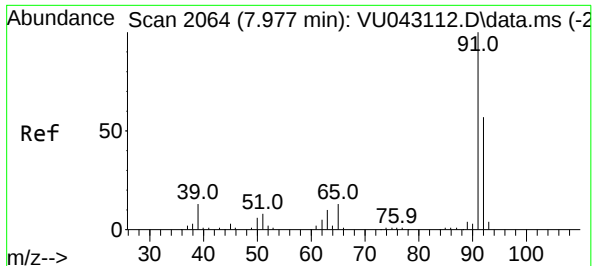


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Tgt Ion: 75 Resp: 1028
Ion Ratio Lower Upper
75 100
77 39.4 21.8 40.6

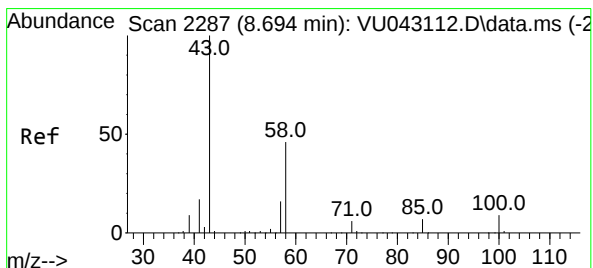
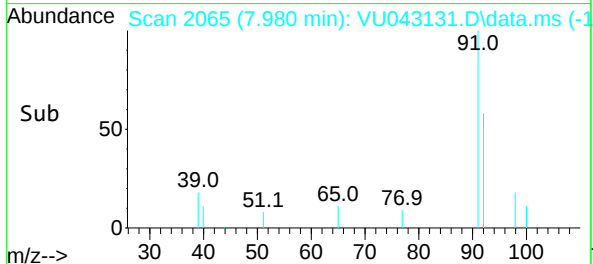
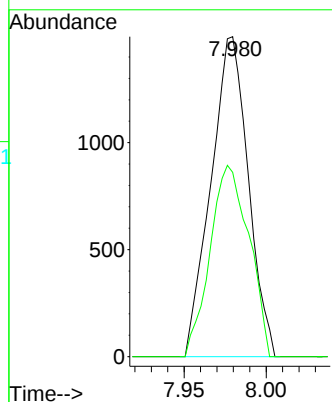
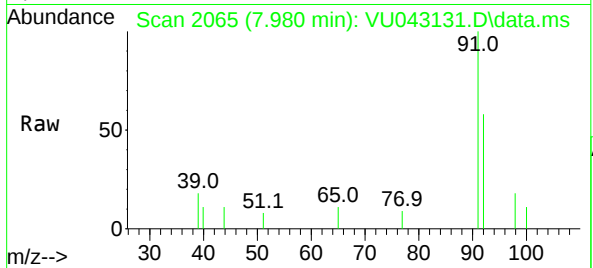




#42
Toluene
Concen: 0.09 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

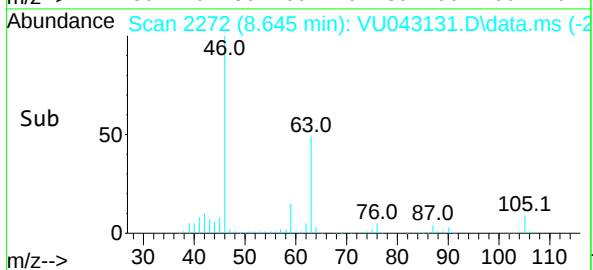
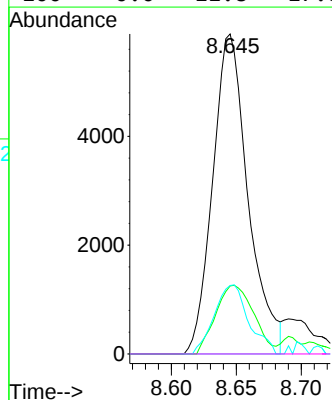
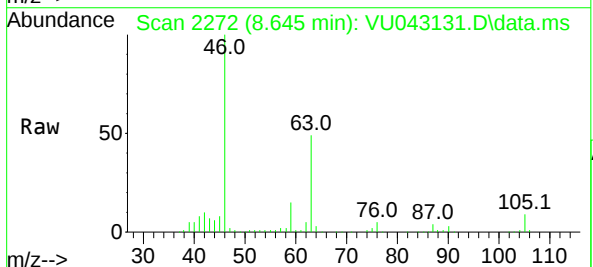
Instrument :
MSVOA_U
ClientSampled :

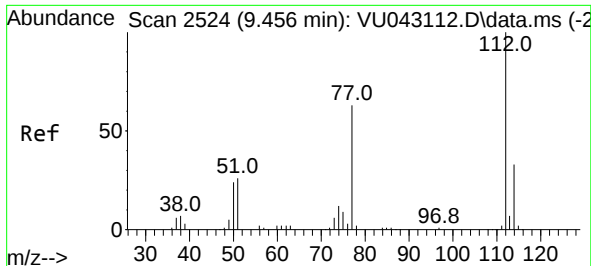
Tgt Ion: 91 Resp: 2361
Ion Ratio Lower Upper
91 100
92 57.6 40.9 76.0



#48
2-Hexanone
Concen: 2.69 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Tgt Ion: 43 Resp: 11126
Ion Ratio Lower Upper
43 100
58 23.2 50.0 75.0#
57 21.0 17.4 26.0
100 0.0 11.8 17.8#

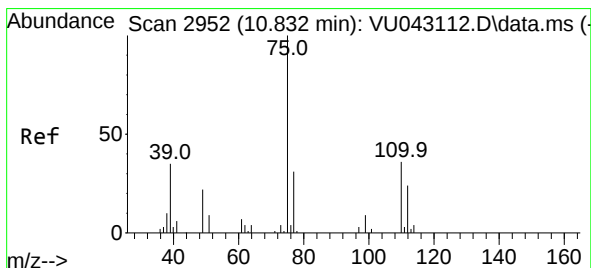
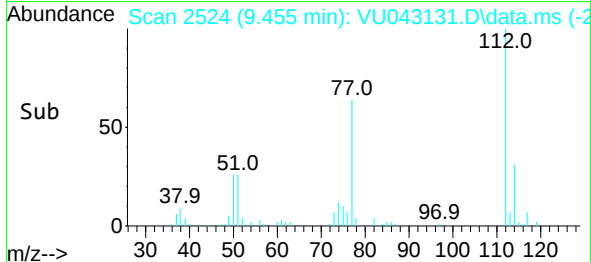
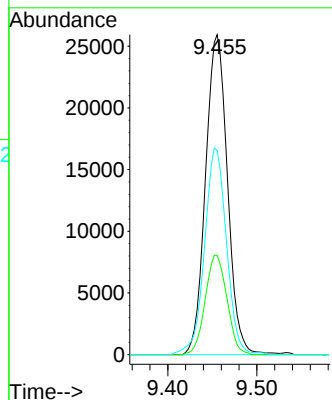
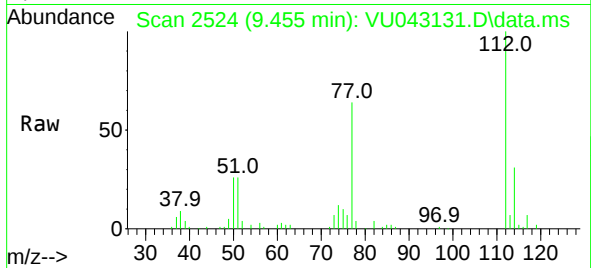




#51
Chlorobenzene
Concen: 2.79 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:112 Resp: 44393
Ion Ratio Lower Upper
112 100
114 31.0 21.9 40.7
77 63.8 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 1.10 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU043131.D
Acq: 15 Apr 2021 19:20

Tgt Ion: 75 Resp: 4677
Ion Ratio Lower Upper
75 100
110 1.9 31.5 47.3#
77 50.0 26.3 39.5#

