

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043222.D
 Acq On : 20 Apr 2021 14:40
 Operator : SY/MD
 Sample : M2055-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:00:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

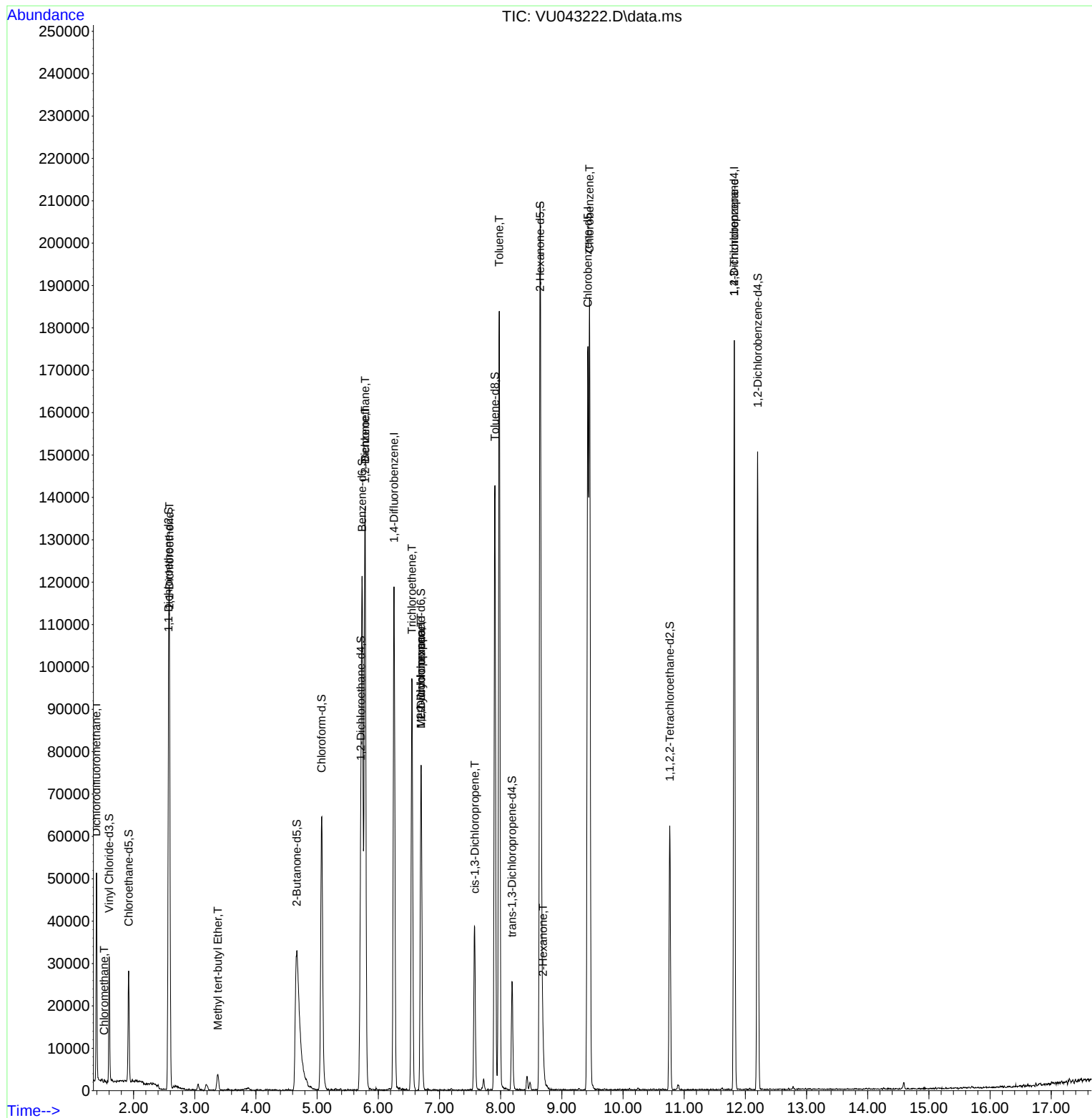
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87412	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	86182	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41644	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19768	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	17704	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.571	65	12588	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.668	46	105308	54.02	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.04%
24) Chloroform-d	5.073	84	55037	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.713	65	35762	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.735	84	97673	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	32670	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	86725	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloroprop...	8.185	79	13984	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.645	63	69236	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29387	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36297	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	754	0.13	ug/L	# 78
3) Chloromethane	1.520	50	505	0.09	ug/L	# 82
12) 1,1-Dichloroethene	2.588	96	24396	5.02	ug/L	83
17) Methyl tert-butyl Ether	3.379	73	3620	0.23	ug/L	# 86
27) 1,2-Dichloroethane	5.787	62	1227	0.14	ug/L	# 74
33) Benzene	5.784	78	118007	5.12	ug/L	100
34) Trichloroethene	6.549	95	29905	4.71	ug/L	98
35) Methylcyclohexane	6.697	83	7527	0.86	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	3682	0.57	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	1117	0.12	ug/L	# 69
42) Toluene	7.976	91	125829	4.89	ug/L	95
48) 2-Hexanone	8.690	43	3892	0.91	ug/L	# 69
51) Chlorobenzene	9.452	112	85741	5.22	ug/L	94
61) 1,2,3-Trichloropropane	11.819	75	5429	1.26	ug/L	# 57

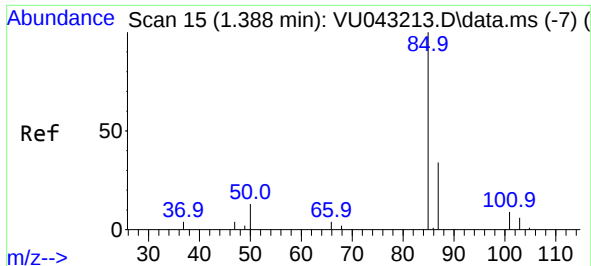
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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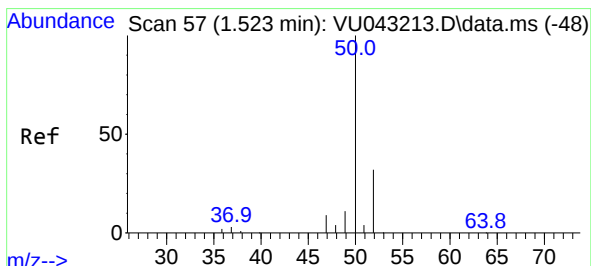
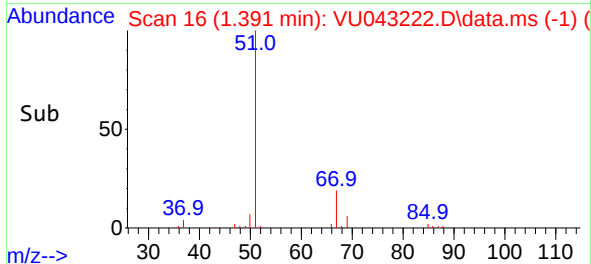
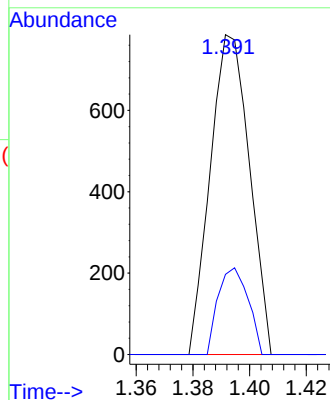
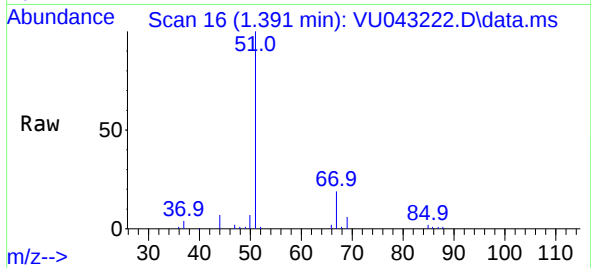




#2
Dichlorodifluoromethane
Concen: 0.13 ug/L
RT: 1.391 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

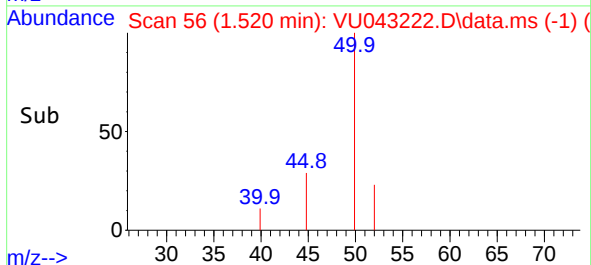
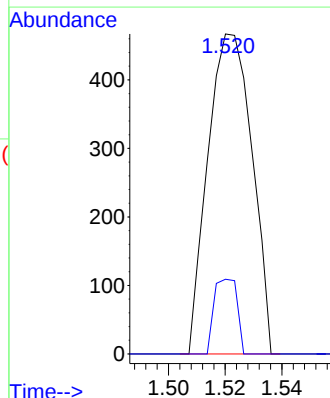
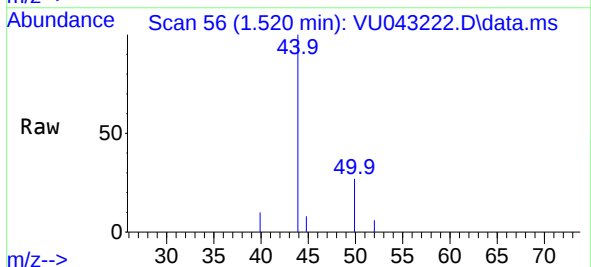
Instrument :
MSVOA_U
ClientSampled :

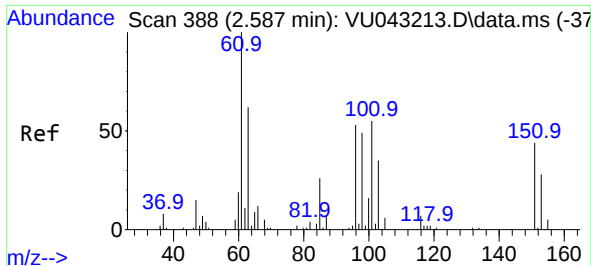
Tgt Ion: 85 Resp: 754
Ion Ratio Lower Upper
85 100
87 20.7 26.3 39.5#



#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 23.3 23.6 43.8#

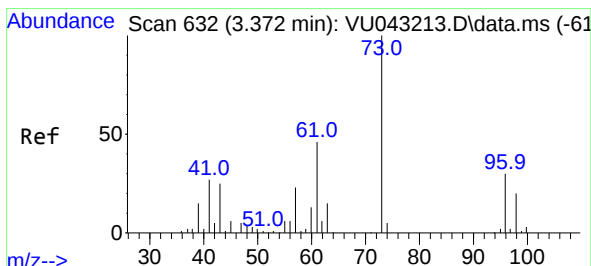
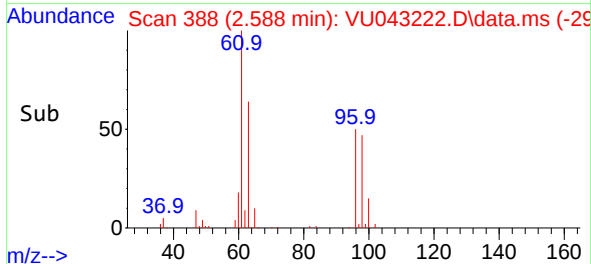
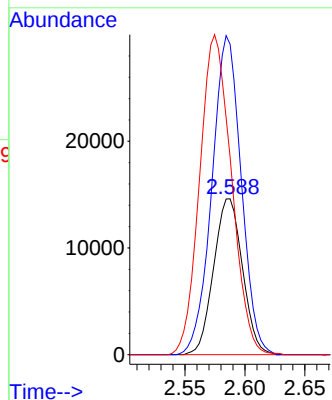
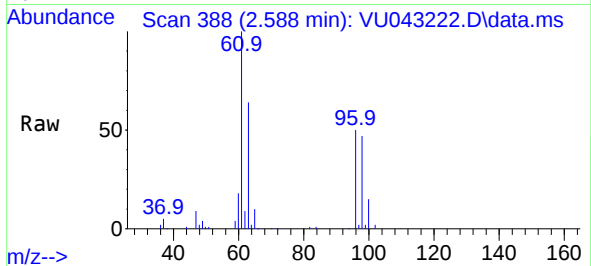




#12
1,1-Dichloroethene
Concen: 5.02 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

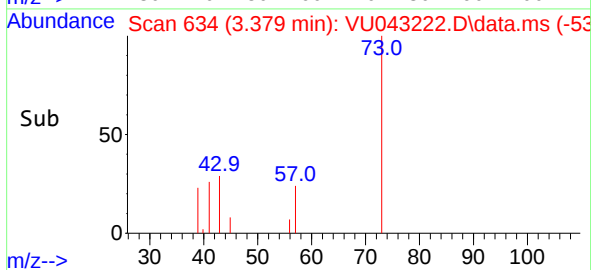
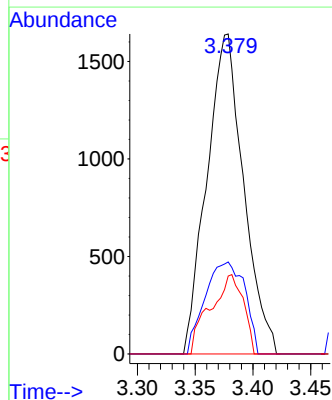
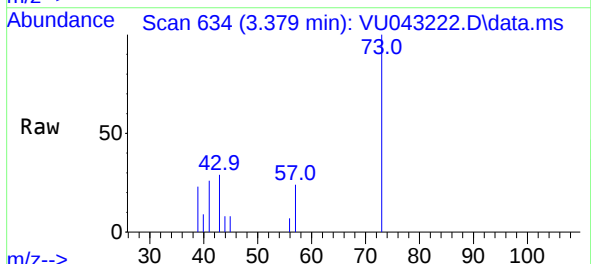
Instrument :
MSVOA_U
ClientSampleId :

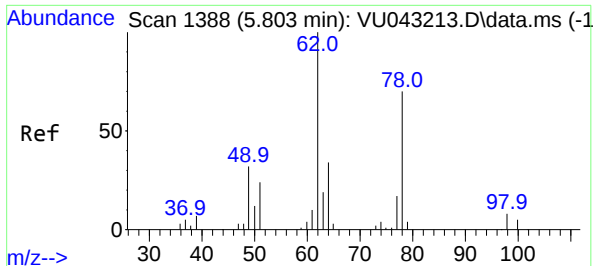
Tgt Ion: 96 Resp: 24396
Ion Ratio Lower Upper
96 100
61 199.2 115.1 213.7
63 126.7 84.1 156.1



#17
Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.007 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 73 Resp: 3620
Ion Ratio Lower Upper
73 100
43 31.2 15.0 22.4#
57 22.3 17.3 25.9

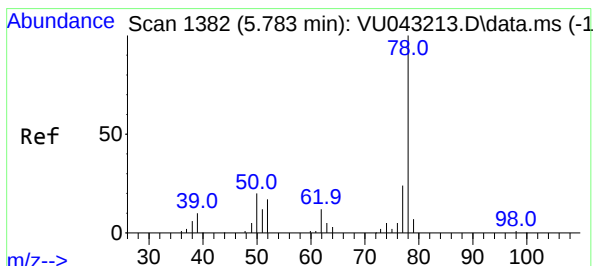
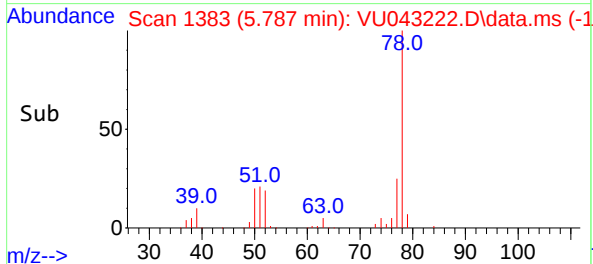
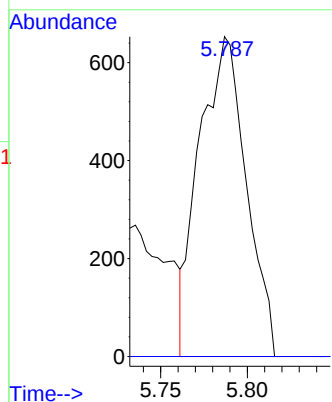
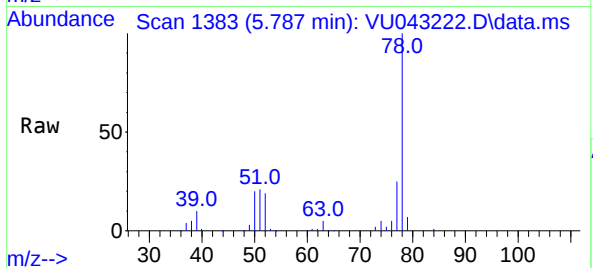




#27
1,2-Dichloroethane
Concen: 0.14 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.016 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

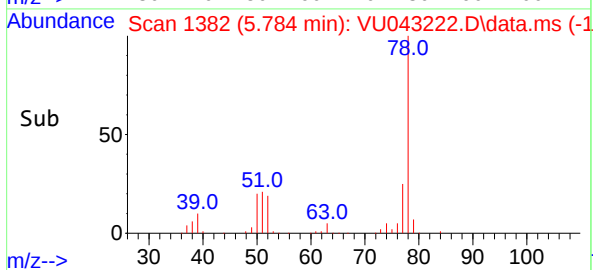
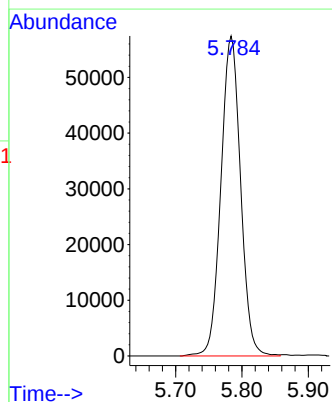
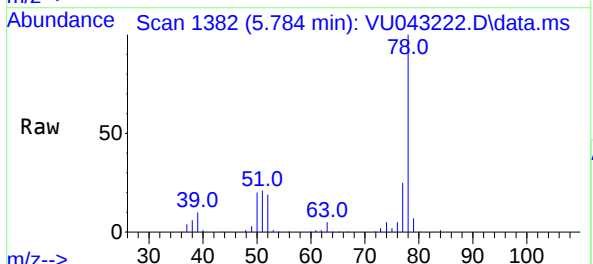
Instrument :
MSVOA_U
ClientSampled :

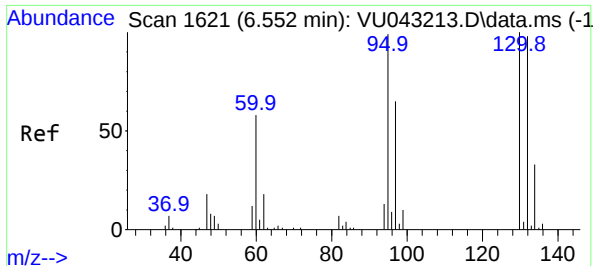
Tgt Ion: 62 Resp: 1227
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#33
Benzene
Concen: 5.12 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 78 Resp: 118007





#34

Trichloroethene

Concen: 4.71 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043222.D

Acq: 20 Apr 2021 14:40

Tgt Ion: 95 Resp: 29905

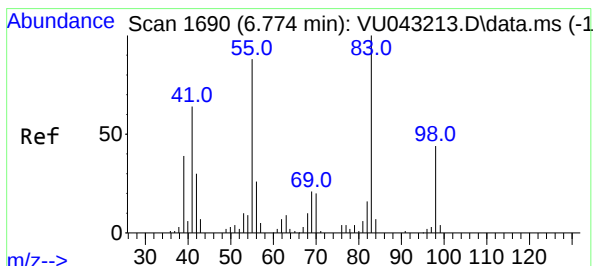
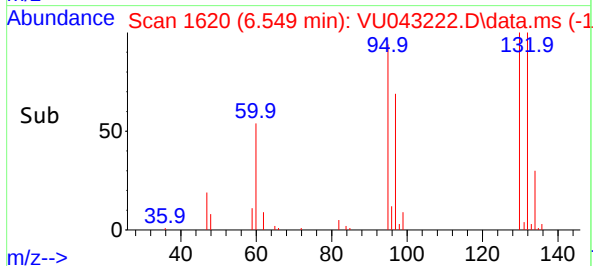
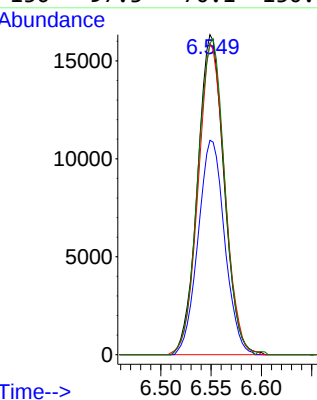
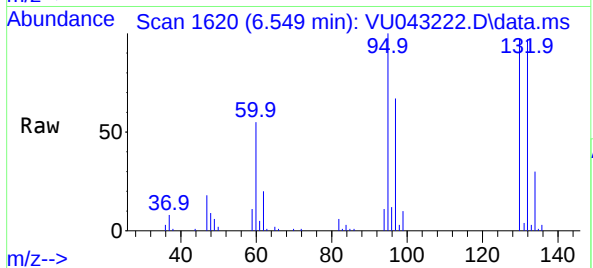
Ion Ratio Lower Upper

95 100

97 67.0 45.8 85.2

132 97.3 68.7 127.7

130 97.3 70.1 130.3



#35

Methylcyclohexane

Concen: 0.86 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.077 min

Lab File: VU043222.D

Acq: 20 Apr 2021 14:40

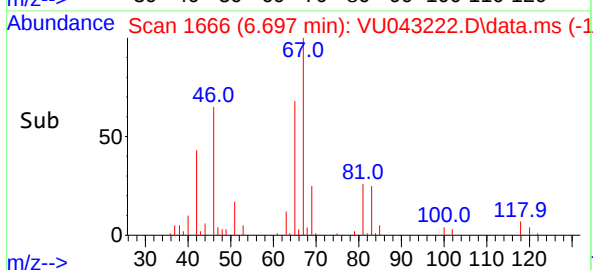
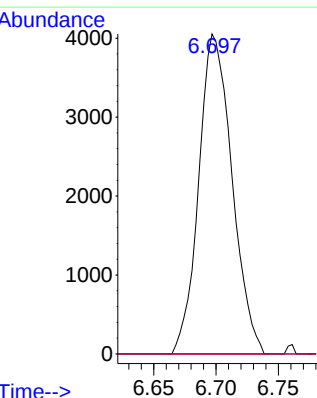
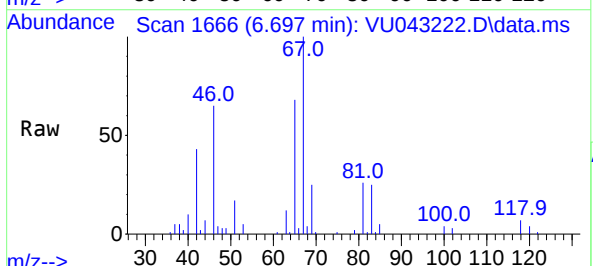
Tgt Ion: 83 Resp: 7527

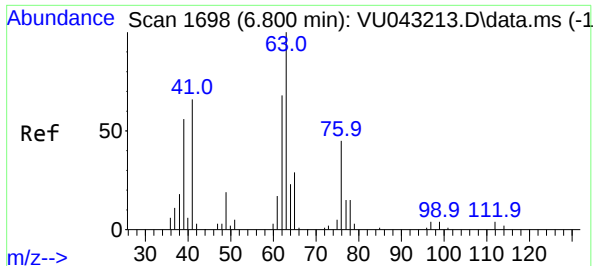
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.7 37.9 56.9#

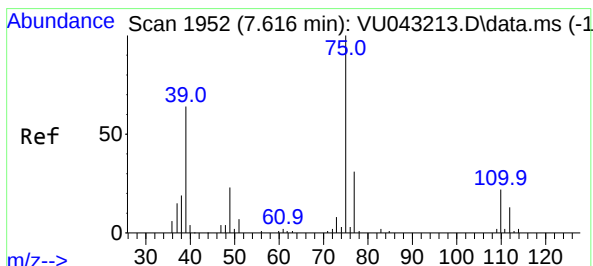
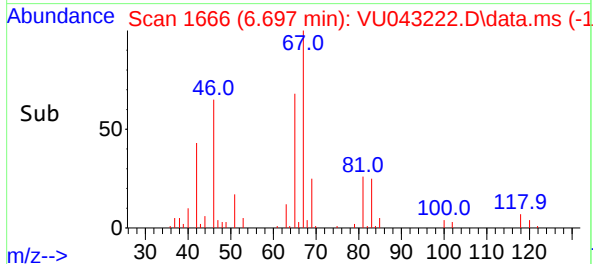
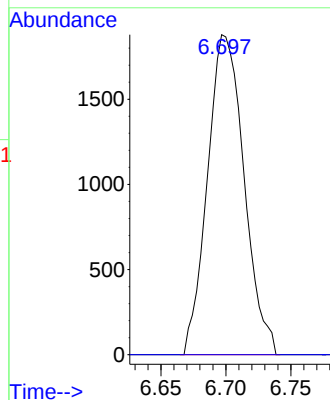
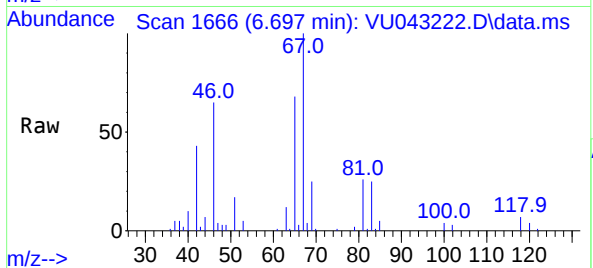




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

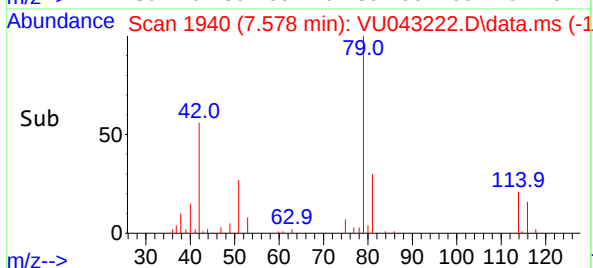
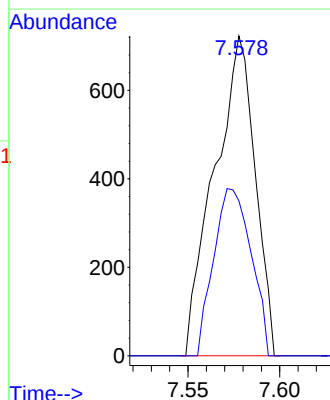
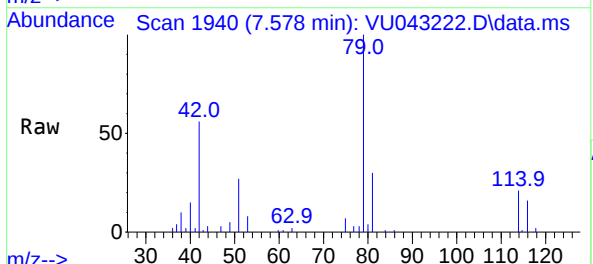
Instrument :
MSVOA_U
ClientSampled :

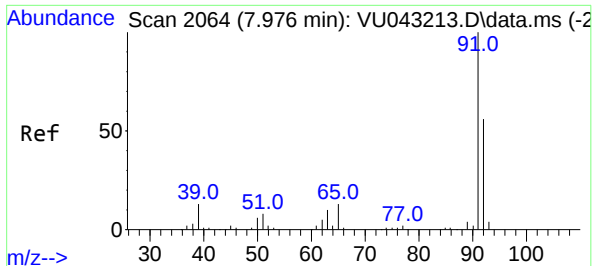
Tgt Ion: 63 Resp: 3682
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 75 Resp: 1117
Ion Ratio Lower Upper
75 100
77 48.4 21.8 40.6#

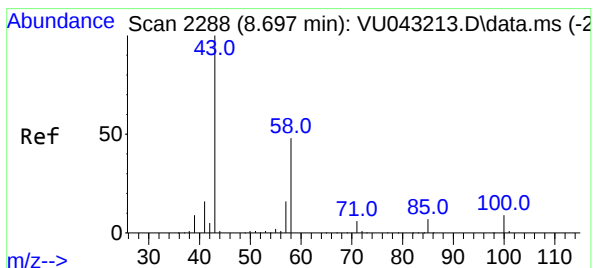
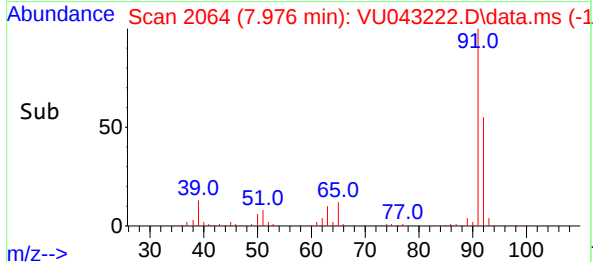
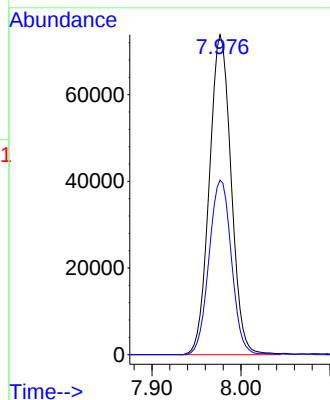
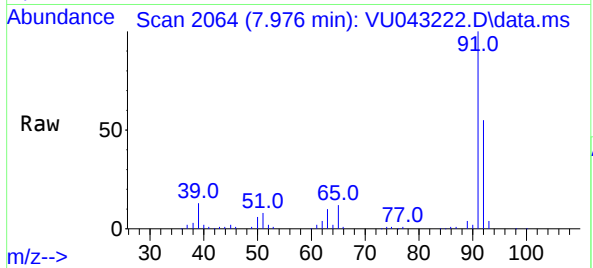




#42
Toluene
Concen: 4.89 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

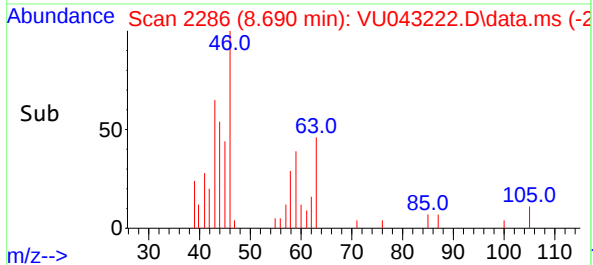
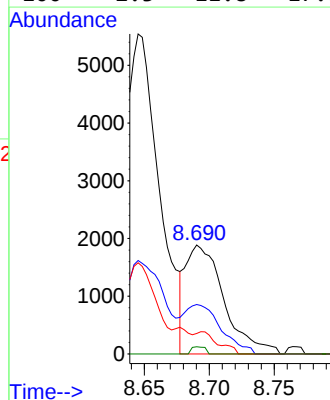
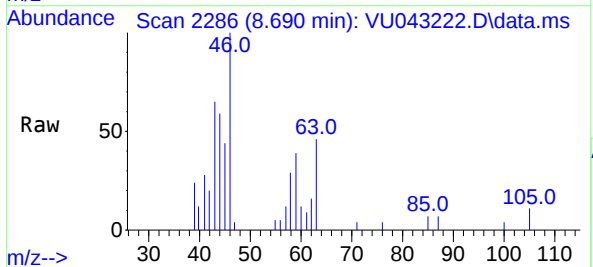
Instrument :
MSVOA_U
ClientSampled :

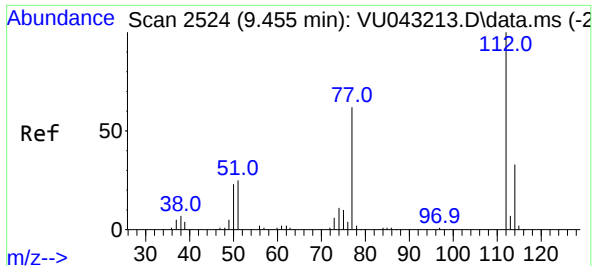
Tgt Ion: 91 Resp: 125829
Ion Ratio Lower Upper
91 100
92 54.6 40.9 76.0



#48
2-Hexanone
Concen: 0.91 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion: 43 Resp: 3892
Ion Ratio Lower Upper
43 100
58 42.4 50.0 75.0#
57 0.0 17.4 26.0#
100 2.3 11.8 17.8#

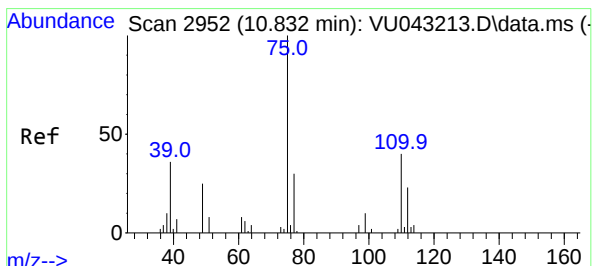
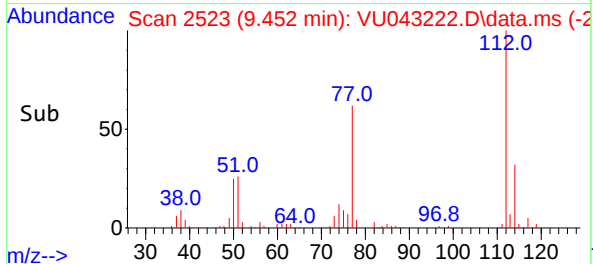
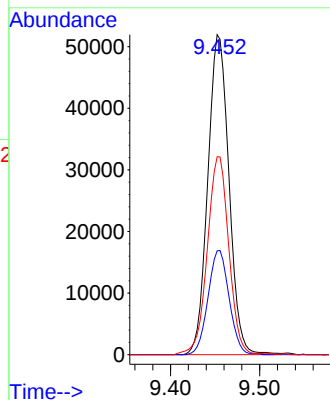
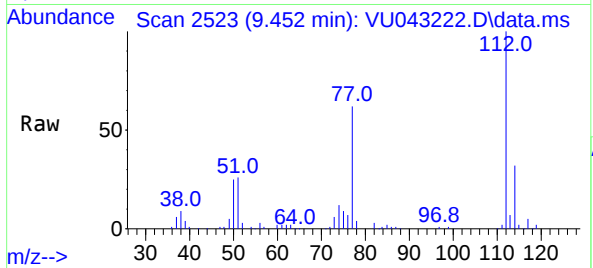




#51
Chlorobenzene
Concen: 5.22 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	112	Resp:	85741
Ion Ratio	Lower	Upper	
112	100		
114	32.4	21.9	40.7
77	61.9	45.1	67.7



#61
1,2,3-Trichloropropane
Concen: 1.26 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043222.D
Acq: 20 Apr 2021 14:40

Tgt Ion:	75	Resp:	5429
Ion Ratio	Lower	Upper	
75	100		
110	0.0	31.5	47.3#
77	42.4	26.3	39.5#

