

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043223.D
 Acq On : 20 Apr 2021 15:04
 Operator : SY/MD
 Sample : M2055-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

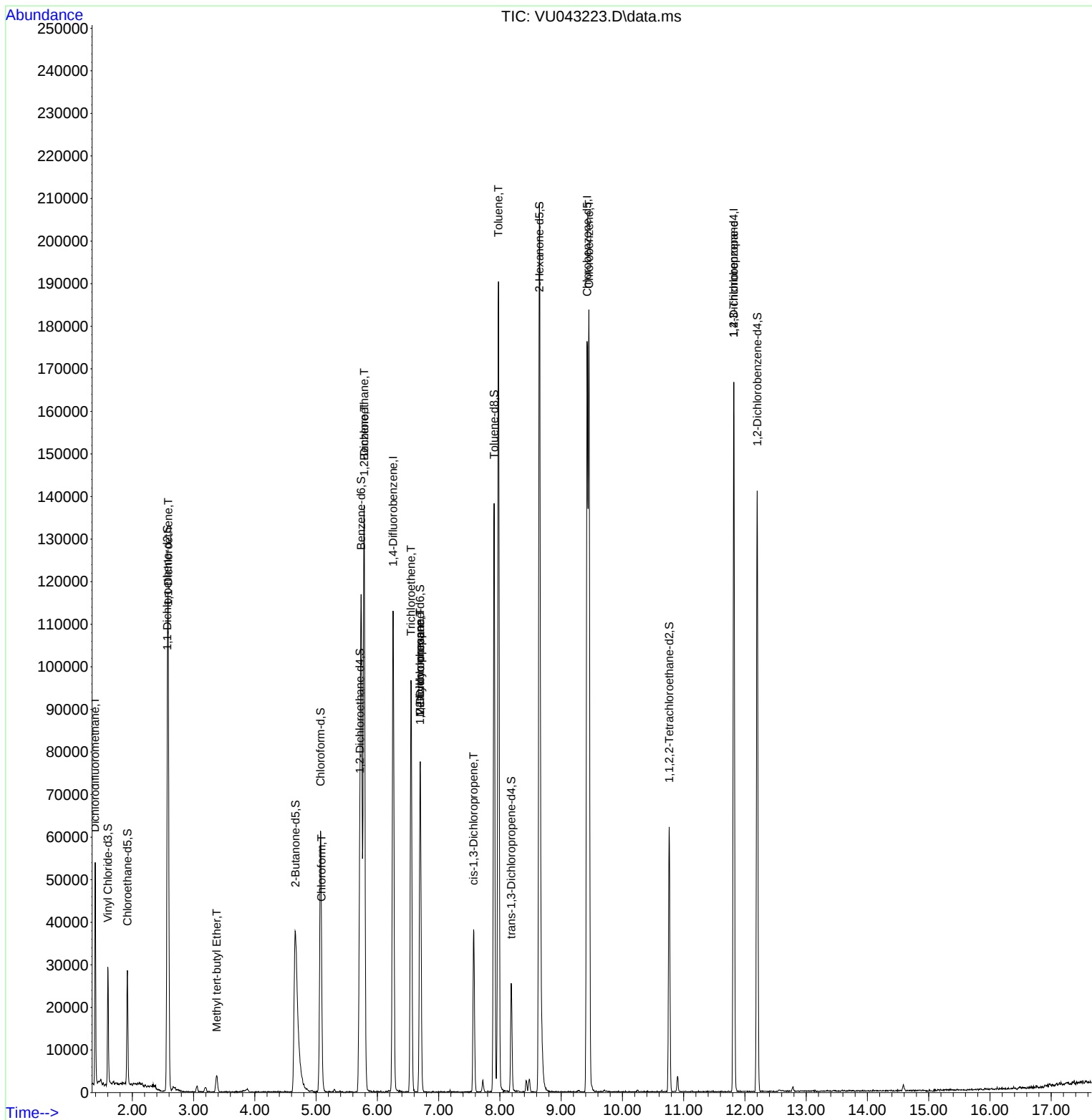
Quant Time: Apr 21 05:01:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

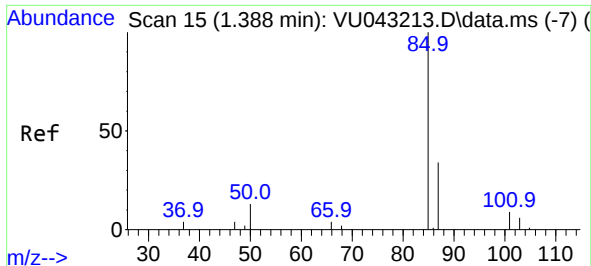
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	84172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	83442	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40972	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18197	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.919	69	17538	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.572	65	12159	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.662	46	102672	54.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	5.073	84	51589	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.713	65	34070	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.736	84	94425	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.700	67	32279	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	85068	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloroprop...	8.186	79	13178	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.645	63	67995	47.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.84%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27643	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	34751	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	629	0.12	ug/L	90
12) 1,1-Dichloroethene	2.588	96	24472	5.23	ug/L	89
17) Methyl tert-butyl Ether	3.376	73	3821	0.25	ug/L #	92
25) Chloroform	5.089	83	1681	0.15	ug/L	95
27) 1,2-Dichloroethane	5.787	62	1117	0.13	ug/L #	74
33) Benzene	5.784	78	119337	5.35	ug/L	100
34) Trichloroethene	6.549	95	30505	4.96	ug/L	96
35) Methylcyclohexane	6.700	83	7672	0.90	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	3803	0.61	ug/L #	87
39) cis-1,3-Dichloropropene	7.572	75	918	0.10	ug/L #	61
42) Toluene	7.977	91	127506	5.11	ug/L	96
51) Chlorobenzene	9.456	112	84387	5.31	ug/L	94
61) 1,2,3-Trichloropropane	11.819	75	5349	1.26	ug/L #	64

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

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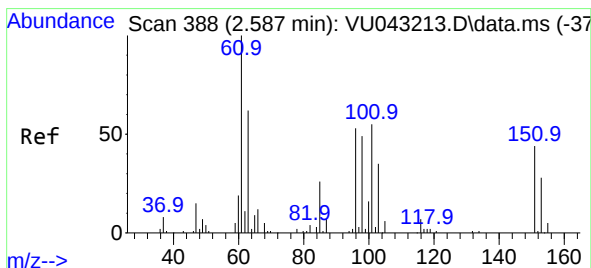
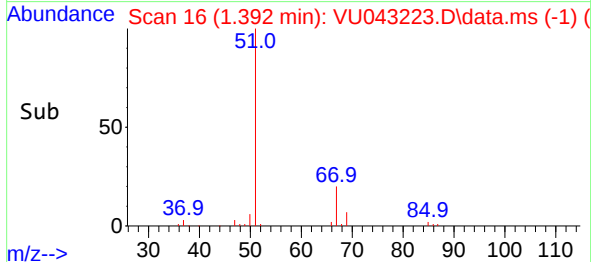
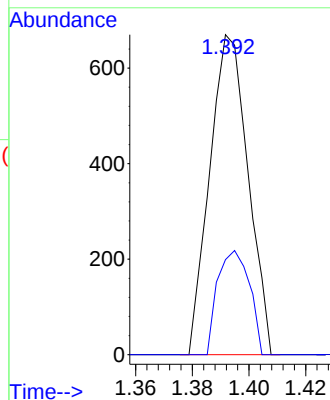
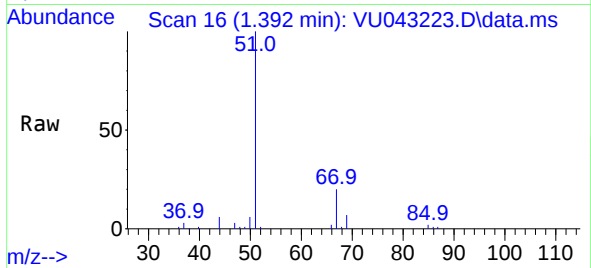




#2
Dichlorodifluoromethane
Concen: 0.12 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.004 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

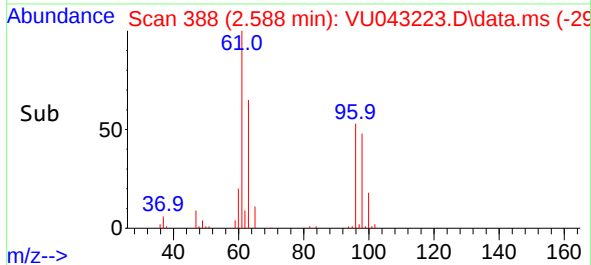
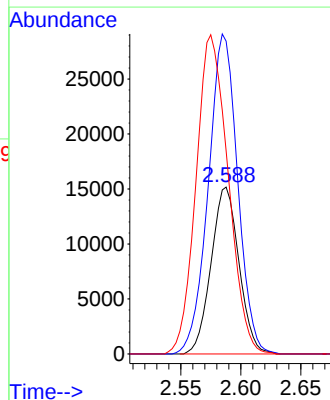
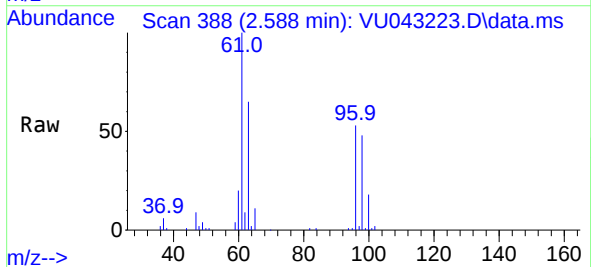
Instrument :
MSVOA_U
ClientSampleId :

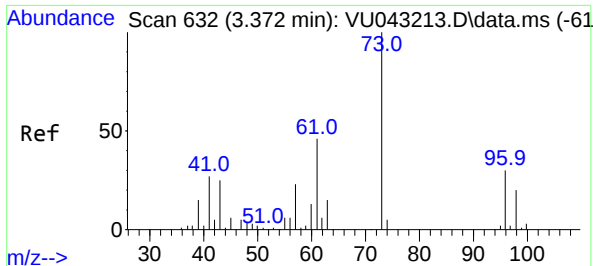
Tgt Ion: 85 Resp: 629
Ion Ratio Lower Upper
85 100
87 27.0 26.3 39.5



#12
1,1-Dichloroethene
Concen: 5.23 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

Tgt Ion: 96 Resp: 24472
Ion Ratio Lower Upper
96 100
61 187.4 115.1 213.7
63 121.7 84.1 156.1



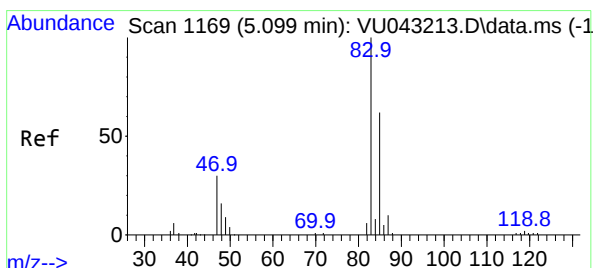
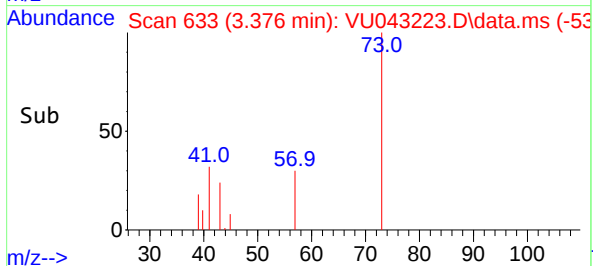
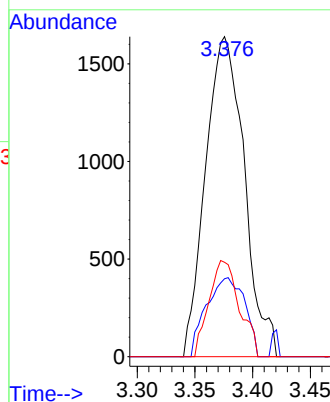
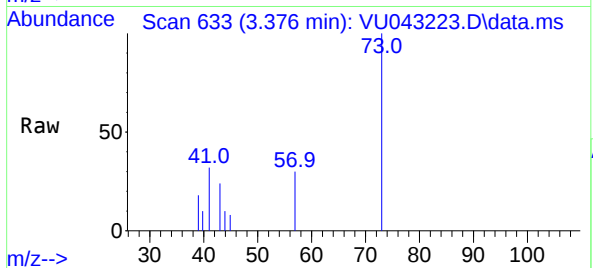


#17
Methyl tert-butyl Ether
Concen: 0.25 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.004 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 3821

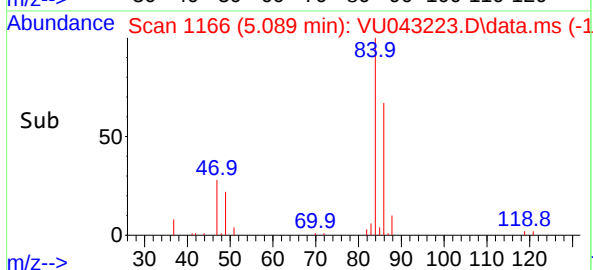
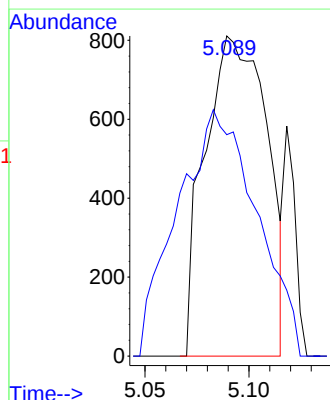
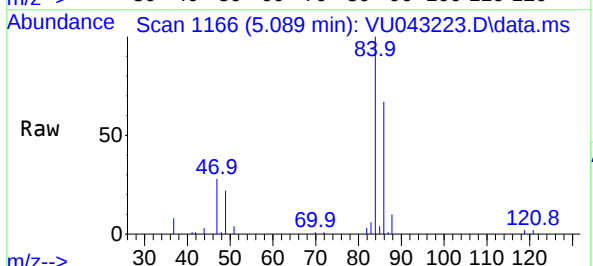
Ion	Ratio	Lower	Upper
73	100		
43	24.5	15.0	22.4#
57	23.7	17.3	25.9

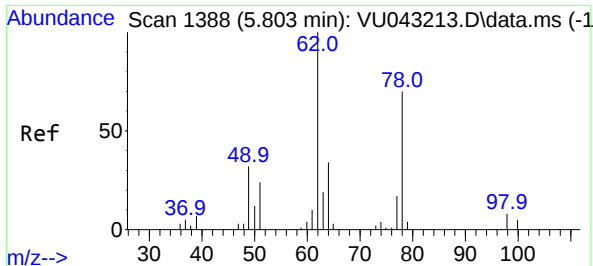


#25
Chloroform
Concen: 0.15 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.009 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

Tgt Ion: 83 Resp: 1681

Ion	Ratio	Lower	Upper
83	100		
85	69.2	45.6	84.8

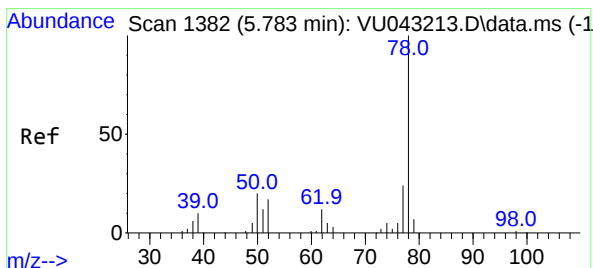
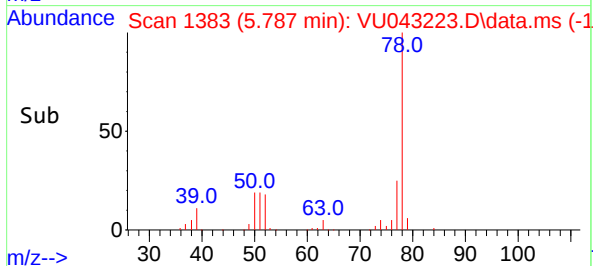
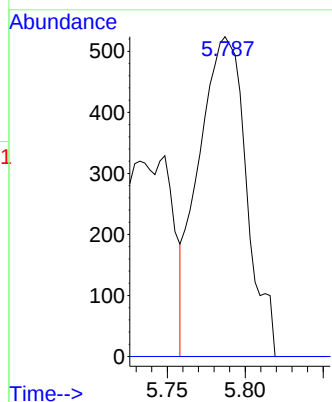
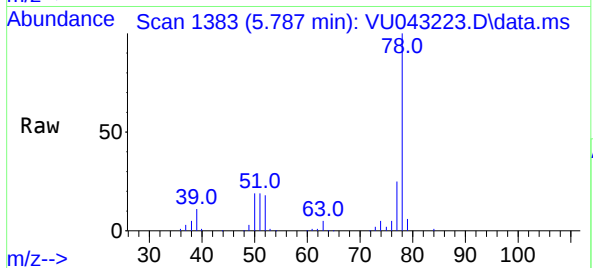




#27
1,2-Dichloroethane
Concen: 0.13 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.016 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

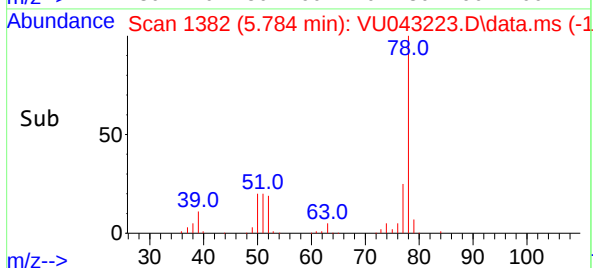
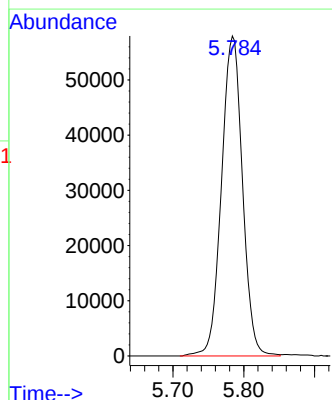
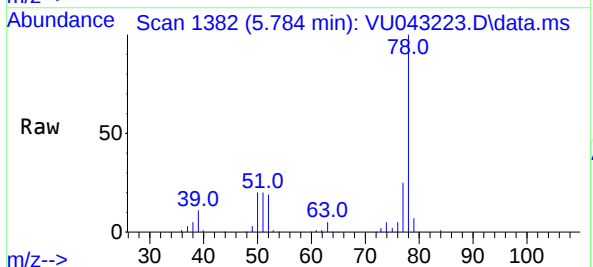
Instrument :
MSVOA_U
ClientSampled :

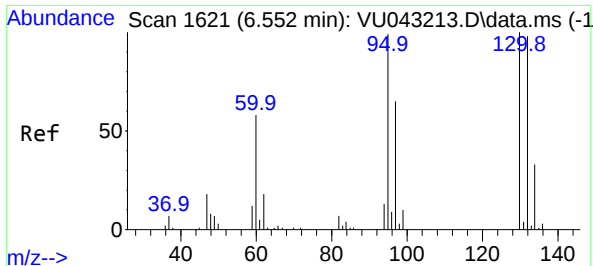
Tgt Ion: 62 Resp: 1117
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#33
Benzene
Concen: 5.35 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

Tgt Ion: 78 Resp: 119337





#34

Trichloroethene

Concen: 4.96 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043223.D

Acq: 20 Apr 2021 15:04

Tgt Ion: 95 Resp: 30505

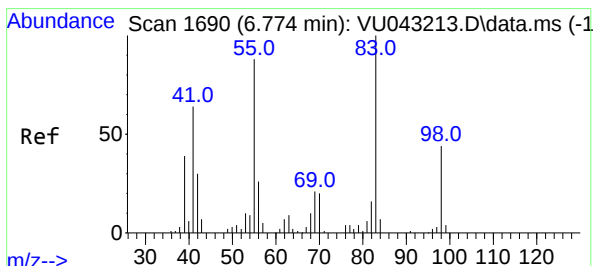
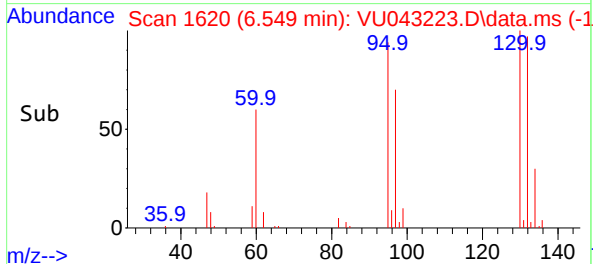
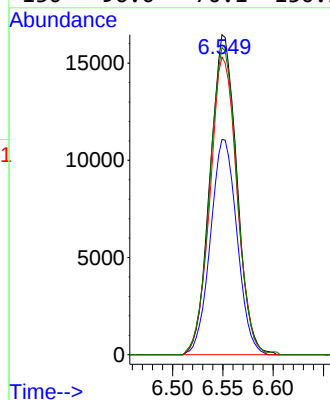
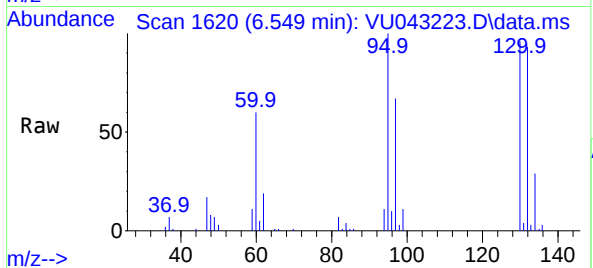
Ion Ratio Lower Upper

95 100

97 67.2 45.8 85.2

132 93.0 68.7 127.7

130 96.0 70.1 130.3



#35

Methylcyclohexane

Concen: 0.90 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU043223.D

Acq: 20 Apr 2021 15:04

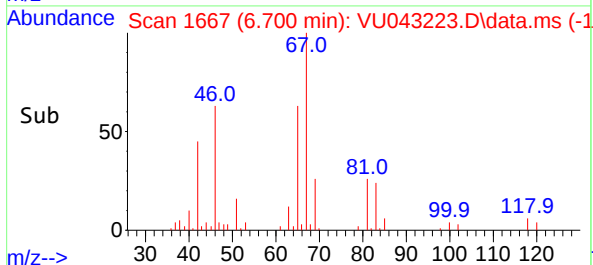
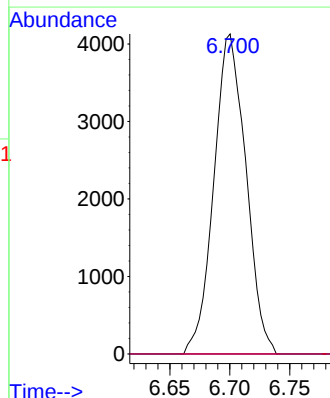
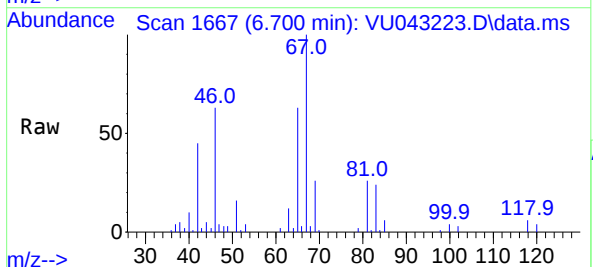
Tgt Ion: 83 Resp: 7672

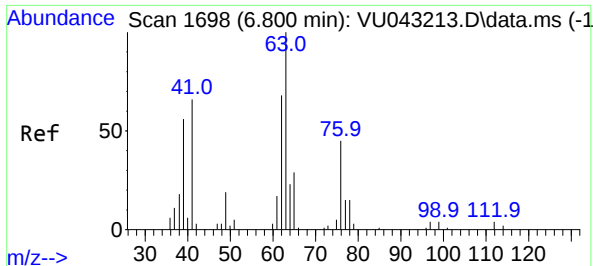
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.0 37.9 56.9#

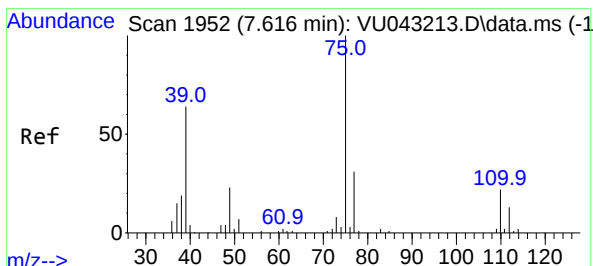
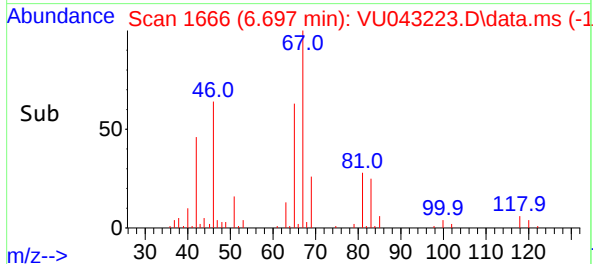
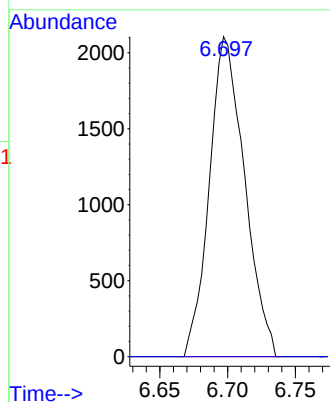
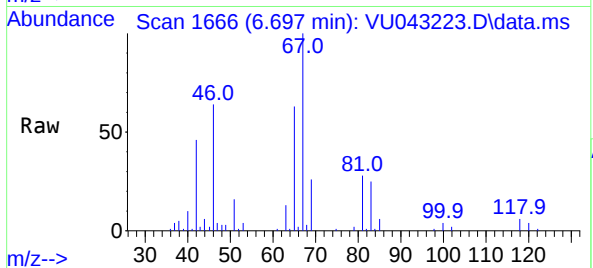




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

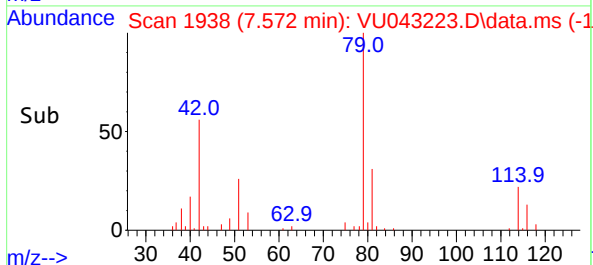
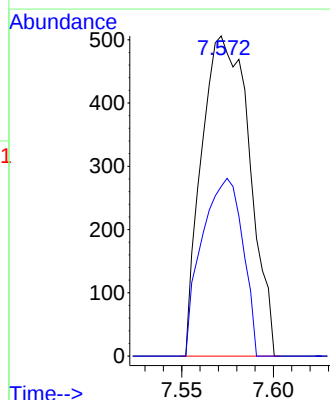
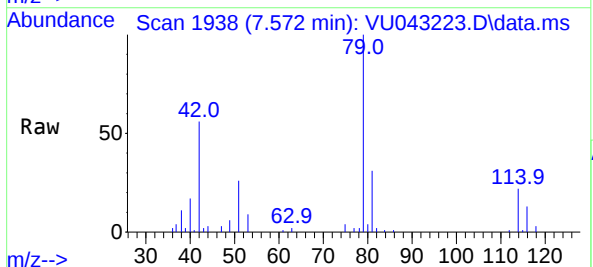
Instrument :
MSVOA_U
ClientSampled :

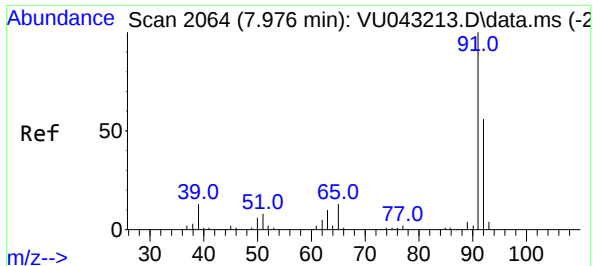
Tgt Ion: 63 Resp: 3803
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043223.D
Acq: 20 Apr 2021 15:04

Tgt Ion: 75 Resp: 918
Ion Ratio Lower Upper
75 100
77 53.0 21.8 40.6#





#42

Toluene

Concen: 5.11 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043223.D

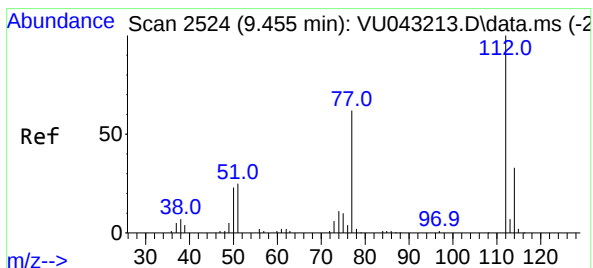
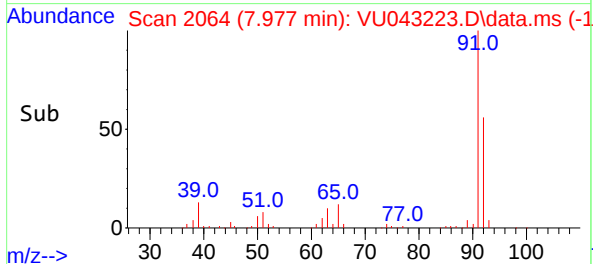
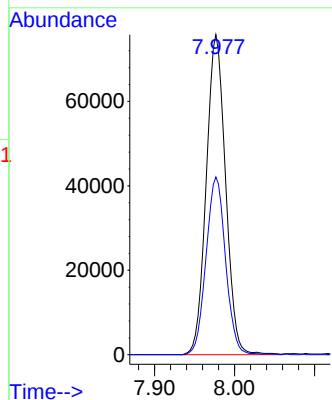
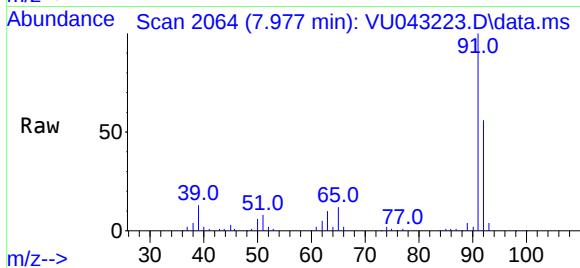
Acq: 20 Apr 2021 15:04

Tgt Ion: 91 Resp: 127506

Ion Ratio Lower Upper

91 100

92 55.5 40.9 76.0



#51

Chlorobenzene

Concen: 5.31 ug/L

RT: 9.456 min Scan# 2524

Delta R.T. 0.000 min

Lab File: VU043223.D

Acq: 20 Apr 2021 15:04

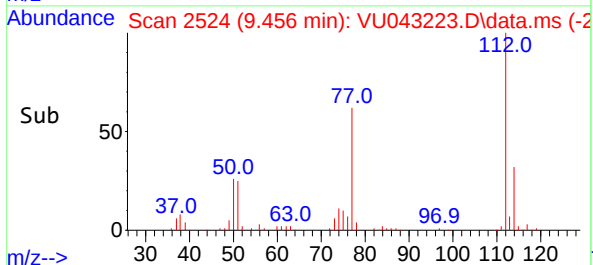
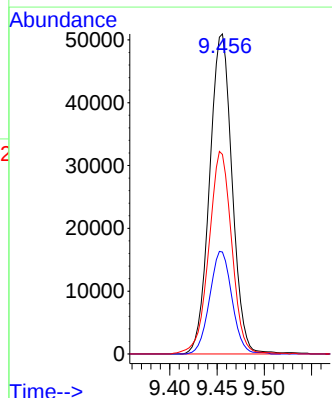
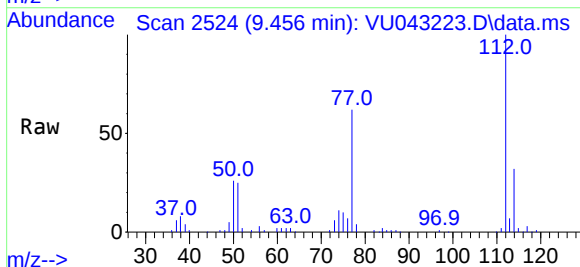
Tgt Ion: 112 Resp: 84387

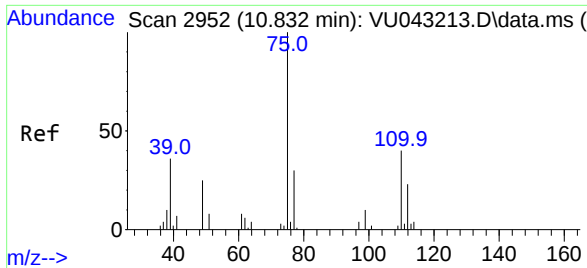
Ion Ratio Lower Upper

112 100

114 31.8 21.9 40.7

77 62.3 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: VU043223.D
Acq: 20 Apr 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5349
Ion Ratio Lower Upper
75 100
110 2.7 31.5 47.3#
77 37.0 26.3 39.5

