

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043220.D
 Acq On : 20 Apr 2021 13:52
 Operator : SY/MD
 Sample : M2057-21MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :

Quant Time: Apr 21 05:00:33 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

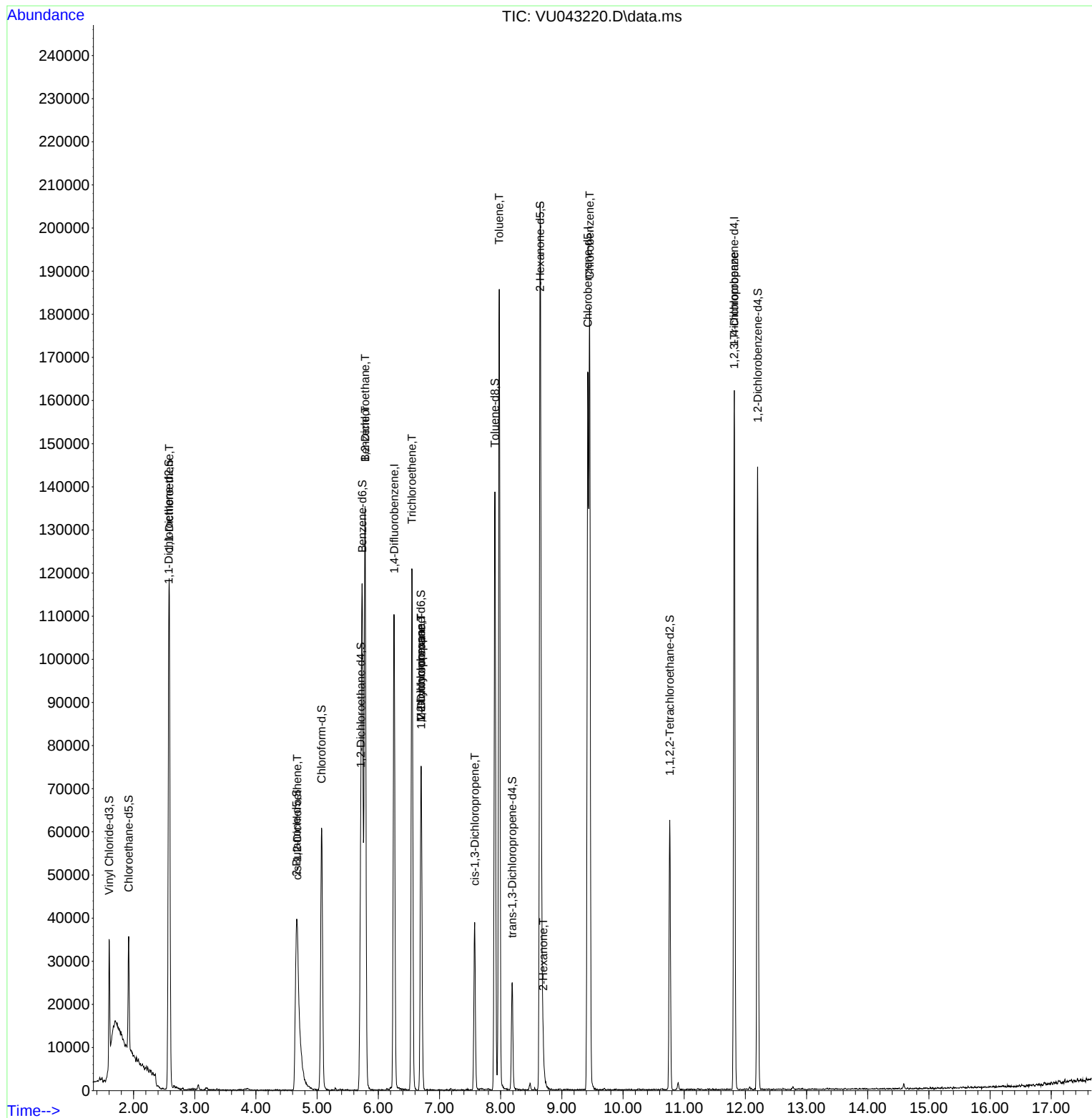
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80336	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	81655	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40182	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18900	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	17506	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.575	65	12448	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.665	46	107685	60.10	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.20%
24) Chloroform-d	5.073	84	53013	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	35501	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.739	84	95906	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	32320	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.906	98	85774	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.189	79	13203	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.645	63	67714	48.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.52%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28543	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	35172	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
12) 1,1-Dichloroethene	2.584	96	24257	5.43	ug/L	75
22) cis-1,2-Dichloroethene	4.674	96	2935	0.52	ug/L	90
27) 1,2-Dichloroethane	5.784	62	1215	0.15	ug/L	# 74
33) Benzene	5.784	78	116409	5.33	ug/L	100
34) Trichloroethene	6.549	95	39524	6.57	ug/L	92
35) Methylcyclohexane	6.700	83	7601	0.91	ug/L	# 21
37) 1,2-Dichloropropane	6.703	63	4251	0.69	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	1039	0.12	ug/L	91
42) Toluene	7.976	91	125529	5.14	ug/L	100
48) 2-Hexanone	8.697	43	3430	0.85	ug/L	# 82
51) Chlorobenzene	9.455	112	83107	5.34	ug/L	94
61) 1,2,3-Trichloropropane	11.815	75	4670	1.12	ug/L	# 59

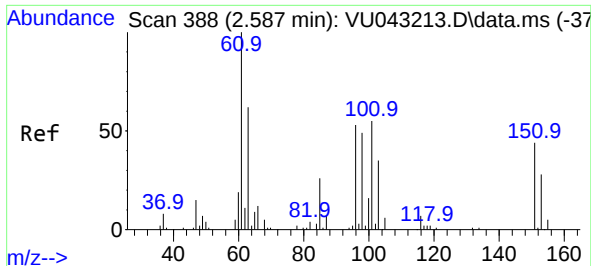
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
Data File : VU043220.D
Acq On : 20 Apr 2021 13:52
Operator : SY/MD
Sample : M2057-21MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 21 05:00:33 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





#12

1,1-Dichloroethene

Concen: 5.43 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

Tgt Ion: 96 Resp: 24257

Ion Ratio Lower Upper

96 100

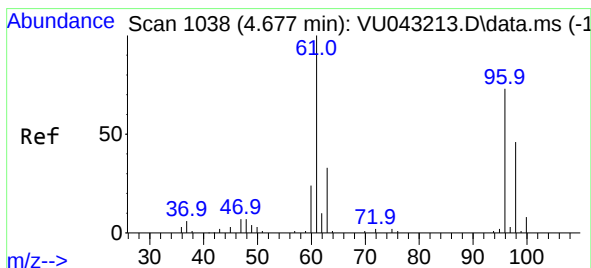
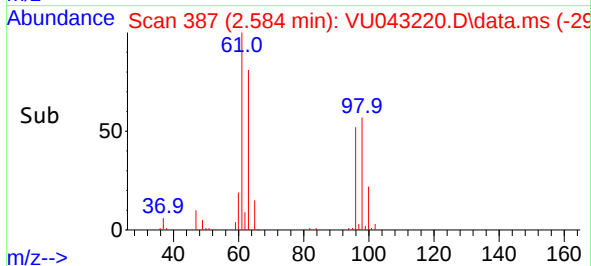
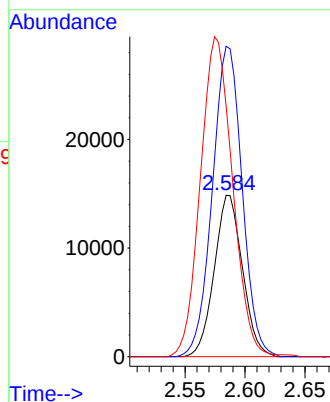
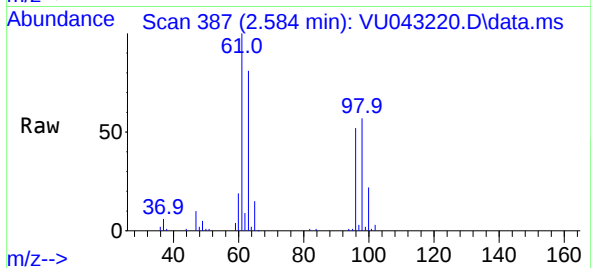
61 192.2 115.1 213.7

63 155.1 84.1 156.1

Instrument :

MSVOA_U

ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.52 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

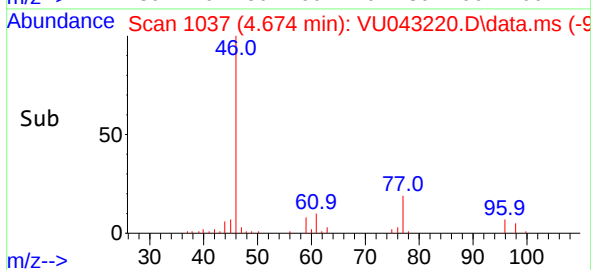
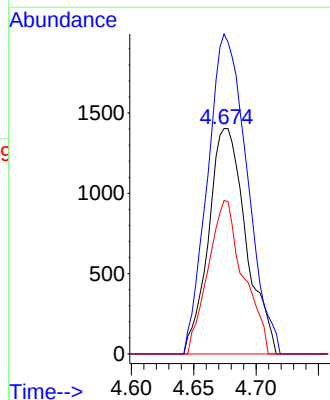
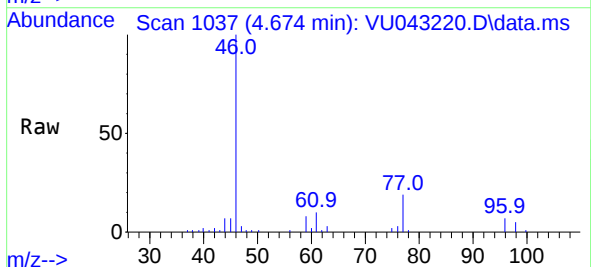
Tgt Ion: 96 Resp: 2935

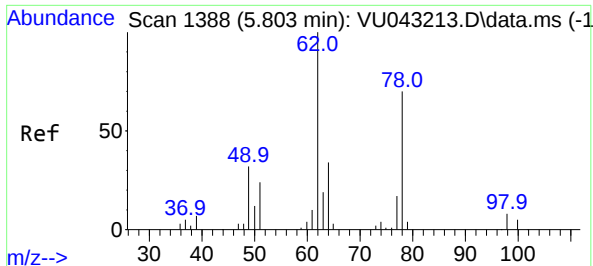
Ion Ratio Lower Upper

96 100

61 142.0 87.4 162.4

98 68.1 47.7 88.5

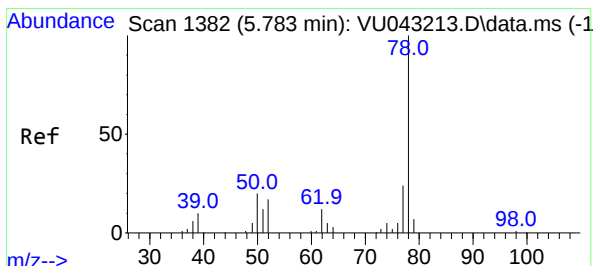
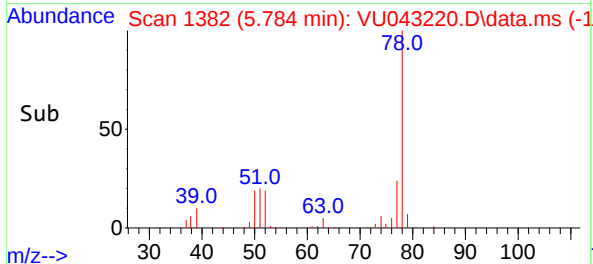
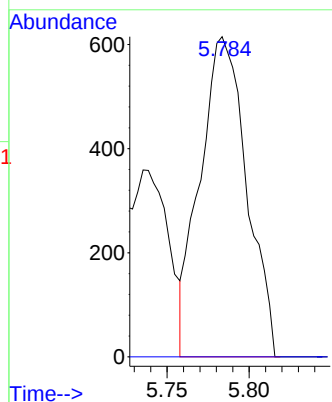
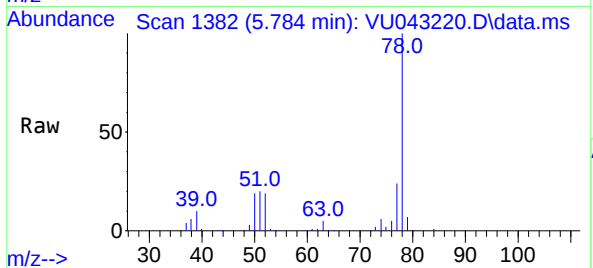




#27
1,2-Dichloroethane
Concen: 0.15 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.019 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

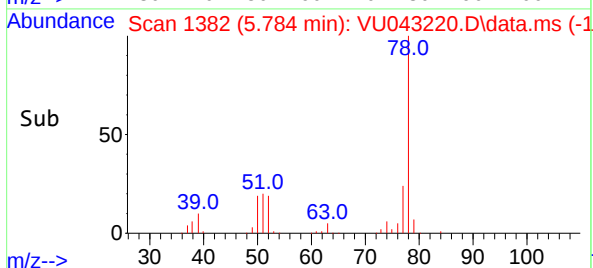
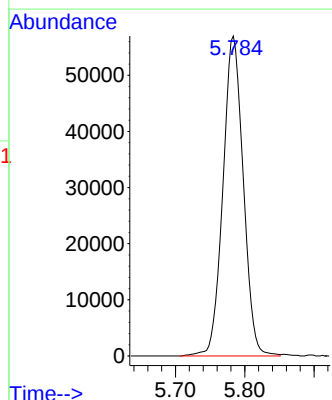
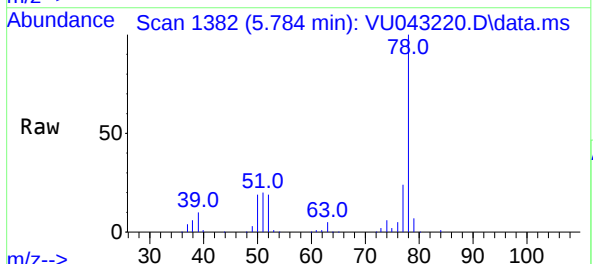
Instrument :
MSVOA_U
ClientSampled :

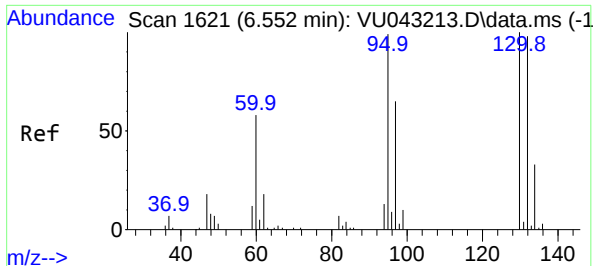
Tgt Ion: 62 Resp: 1215
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#33
Benzene
Concen: 5.33 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

Tgt Ion: 78 Resp: 116409





#34

Trichloroethene

Concen: 6.57 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

Tgt Ion: 95 Resp: 39524

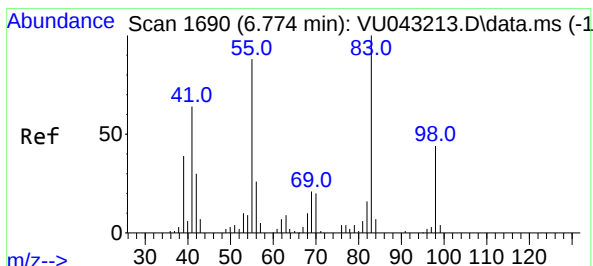
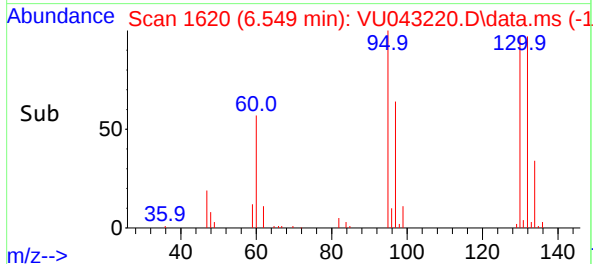
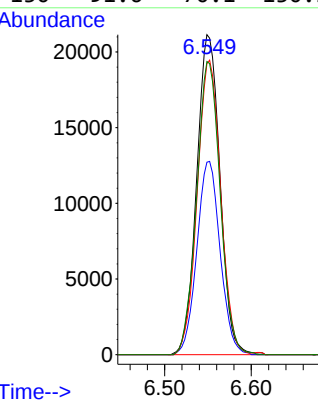
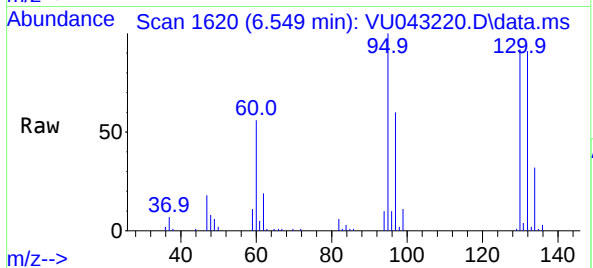
Ion Ratio Lower Upper

95 100

97 60.2 45.8 85.2

132 91.0 68.7 127.7

130 91.6 70.1 130.3



#35

Methylcyclohexane

Concen: 0.91 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU043220.D

Acq: 20 Apr 2021 13:52

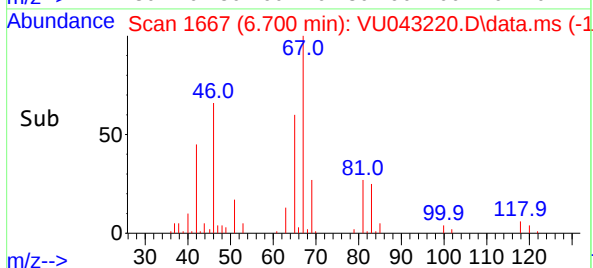
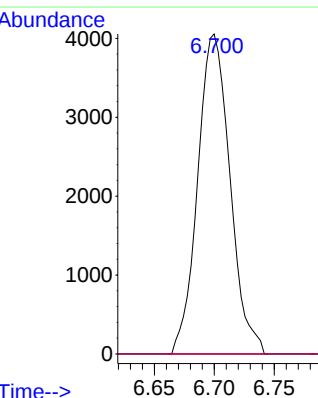
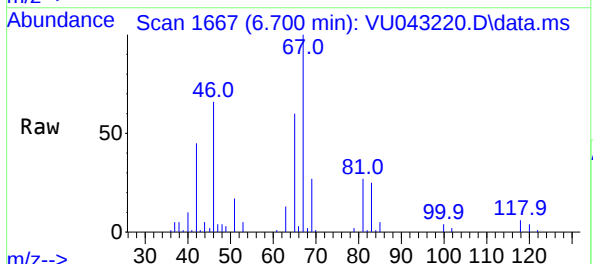
Tgt Ion: 83 Resp: 7601

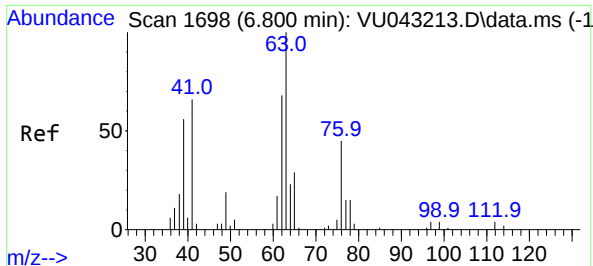
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 3.9 37.9 56.9#

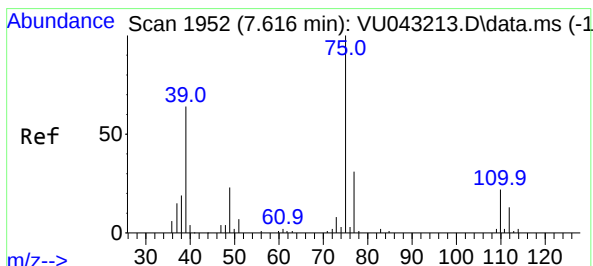
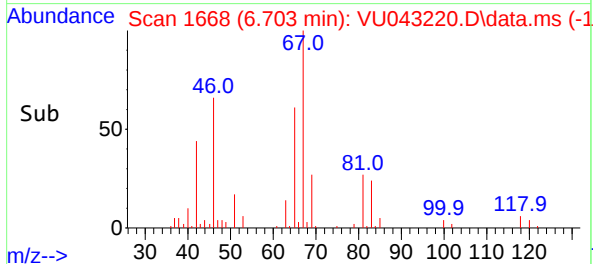
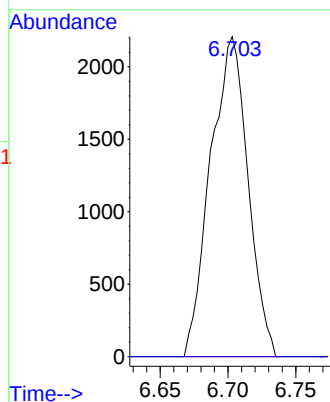
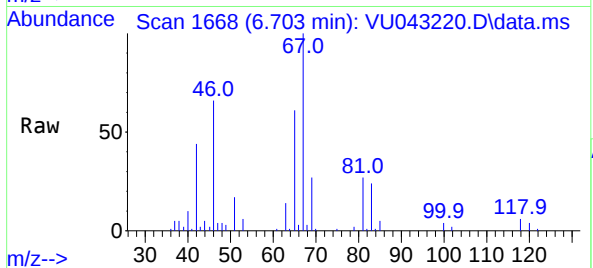




#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

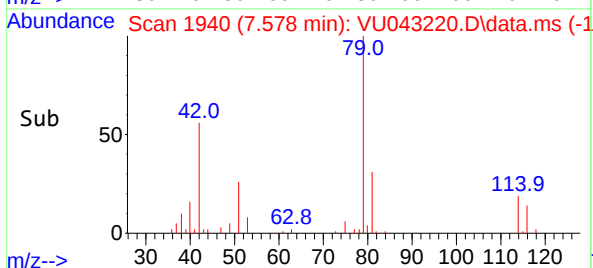
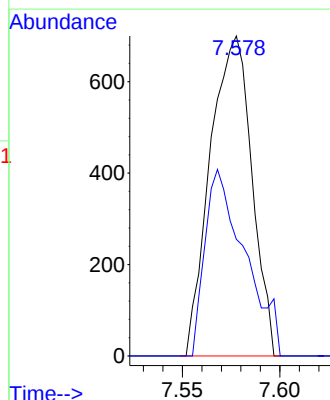
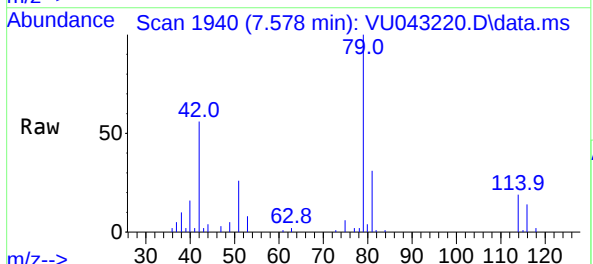
Instrument :
MSVOA_U
ClientSampled :

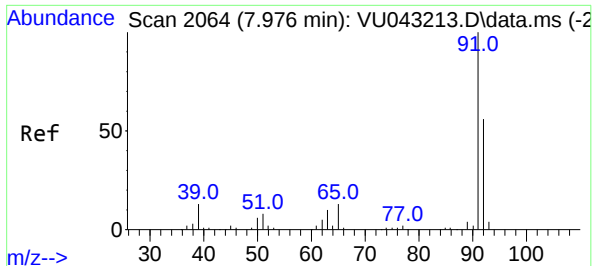
Tgt Ion: 63 Resp: 4251
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

Tgt Ion: 75 Resp: 1039
Ion Ratio Lower Upper
75 100
77 36.4 21.8 40.6

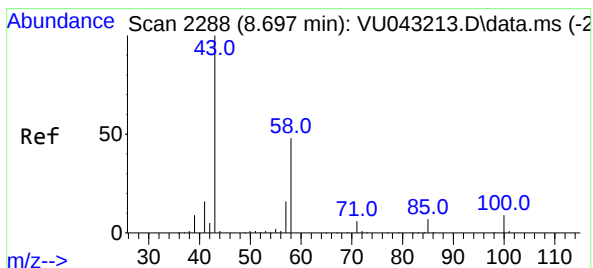
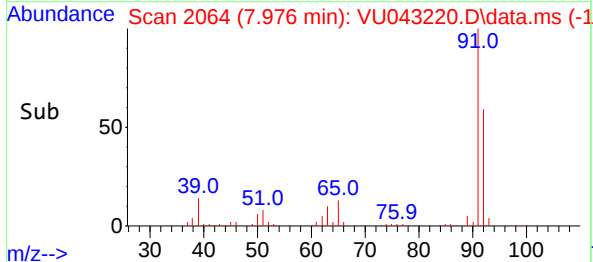
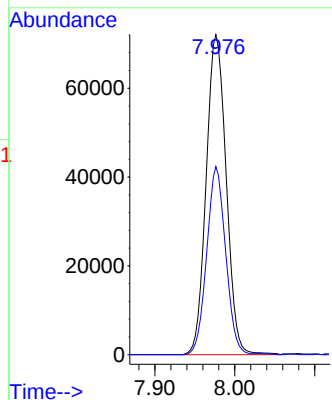
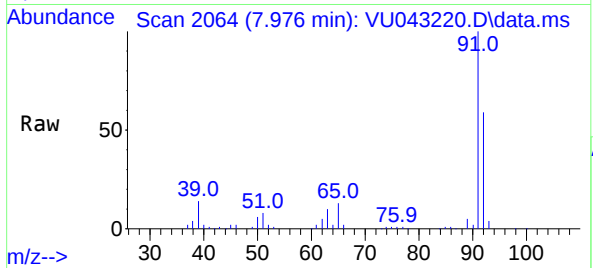




#42
Toluene
Concen: 5.14 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

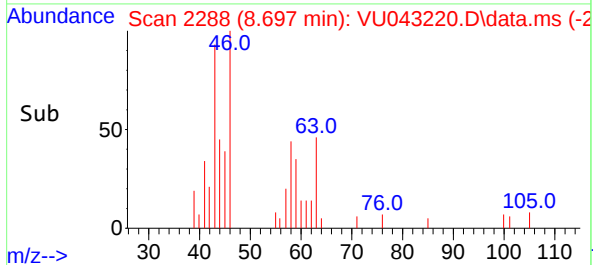
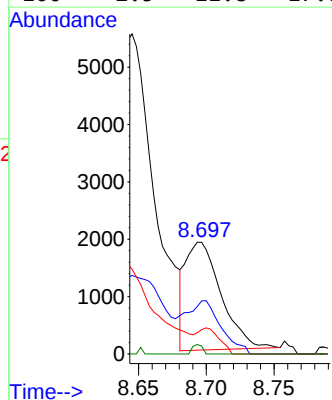
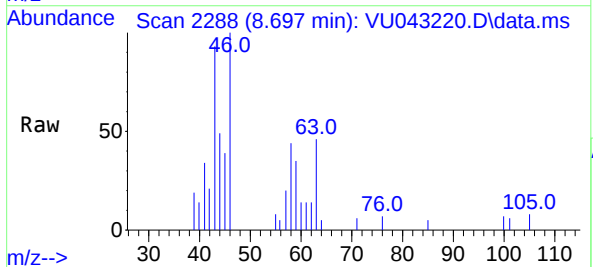
Instrument :
MSVOA_U
ClientSampled :

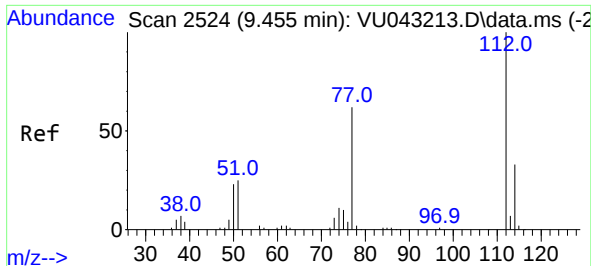
Tgt Ion: 91 Resp: 125529
Ion Ratio Lower Upper
91 100
92 58.8 40.9 76.0



#48
2-Hexanone
Concen: 0.85 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

Tgt Ion: 43 Resp: 3430
Ion Ratio Lower Upper
43 100
58 50.2 50.0 75.0
57 14.7 17.4 26.0#
100 2.5 11.8 17.8#

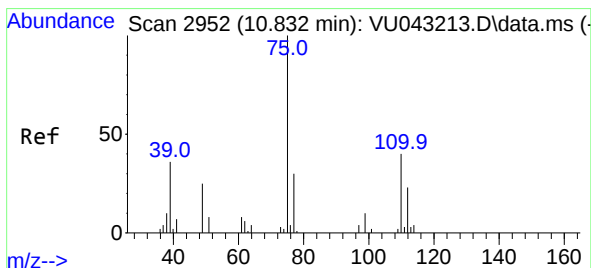
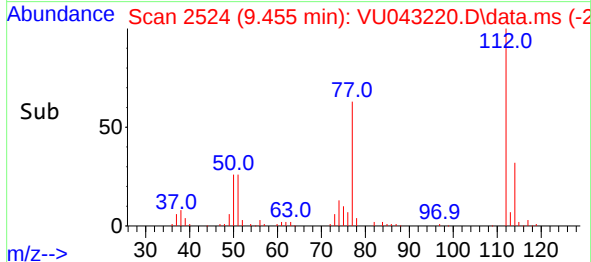
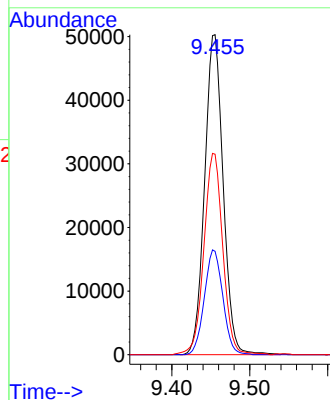
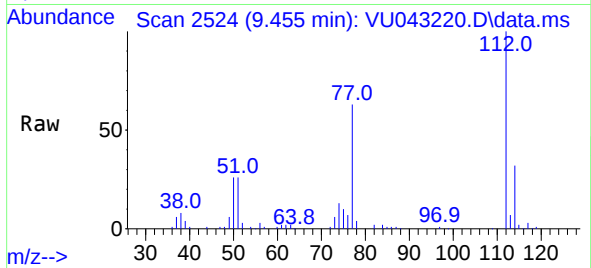




#51
Chlorobenzene
Concen: 5.34 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:112 Resp: 83107
Ion Ratio Lower Upper
112 100
114 32.3 21.9 40.7
77 62.6 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043220.D
Acq: 20 Apr 2021 13:52

Tgt Ion: 75 Resp: 4670
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 39.8 26.3 39.5#

