

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043221.D
 Acq On : 20 Apr 2021 14:16
 Operator : SY/MD
 Sample : M2055-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:00:46 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)

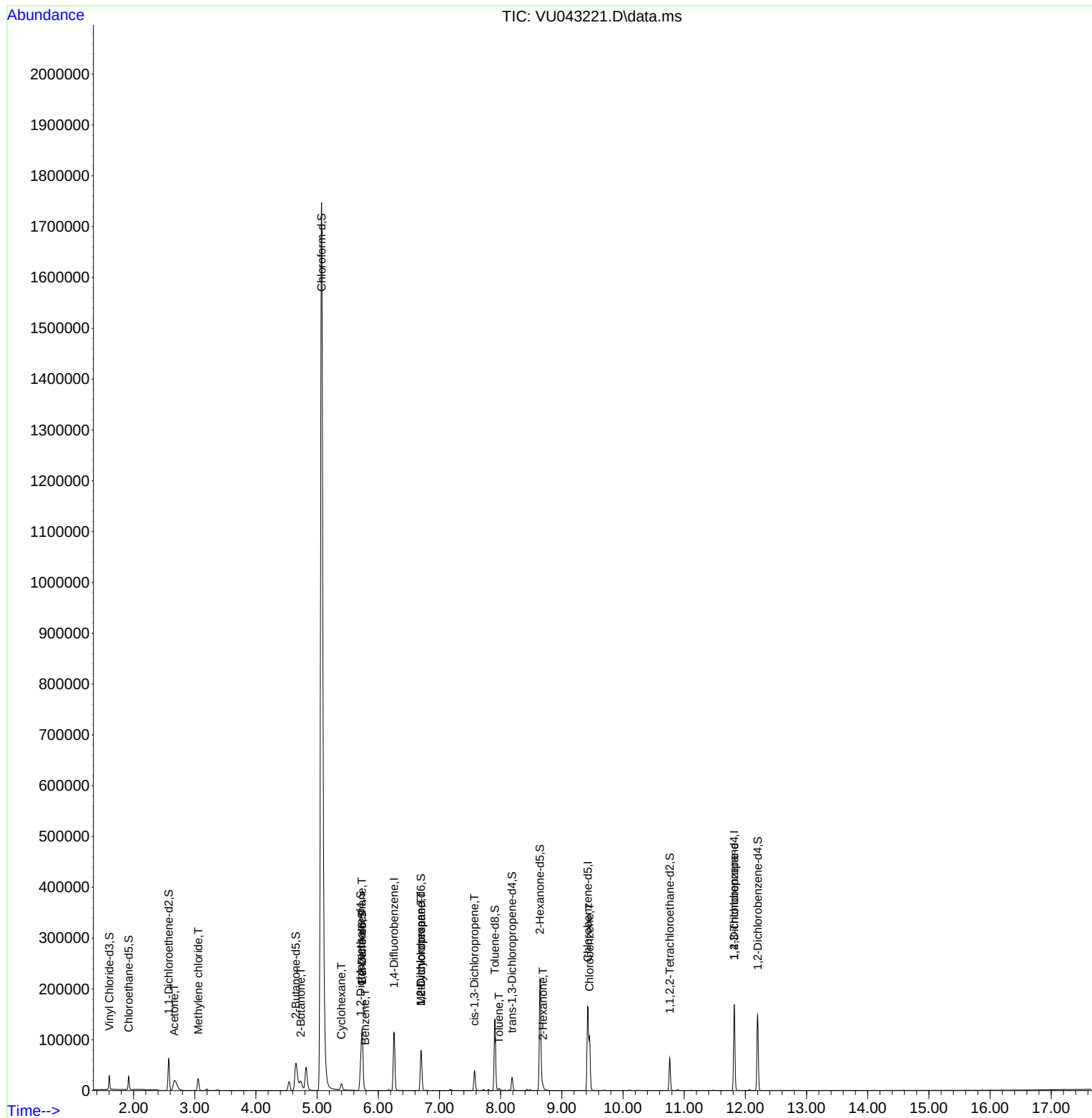
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83391	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82024	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40771	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18043	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	17632	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.575	65	11668	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.652	46	107441	57.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.54%
24) Chloroform-d	5.073	84	57326	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.710	65	35577	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	98559	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	33029	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.906	98	85113	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.186	79	13157	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.642	63	67466	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28646	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
66) 1,2-Dichlorobenzene-d4	12.202	152	35481	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
13) Acetone	2.665	43	54258	39.70	ug/L	# 63
16) Methylene chloride	3.057	84	10039	1.67	ug/L	84
21) 2-Butanone	4.736	43	29363	13.02	ug/L	# 67
27) 1,2-Dichloroethane	5.732	62	660	0.08	ug/L	# 74
30) Cyclohexane	5.398	56	6032	0.70	ug/L	86
33) Benzene	5.784	78	1389	0.06	ug/L	100
35) Methylcyclohexane	6.700	83	7584	0.91	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4222	0.68	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1034	0.11	ug/L	# 45
42) Toluene	7.973	91	3225	0.13	ug/L	98
48) 2-Hexanone	8.694	43	3365	0.83	ug/L	# 82
51) Chlorobenzene	9.452	112	47433	3.03	ug/L	93
61) 1,2,3-Trichloropropane	11.819	75	5256	1.25	ug/L	# 60

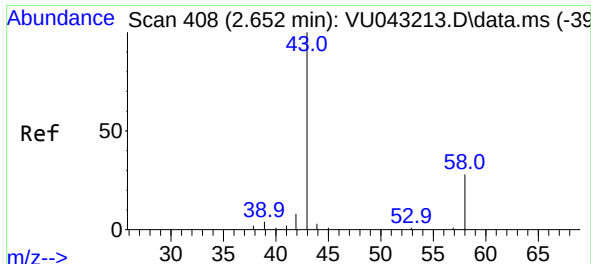
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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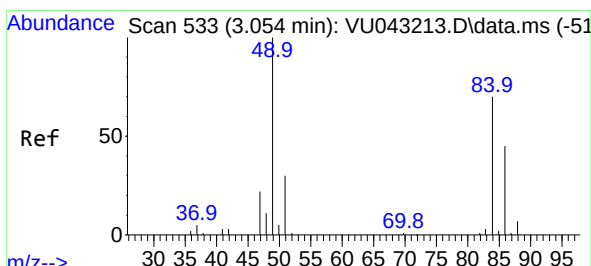
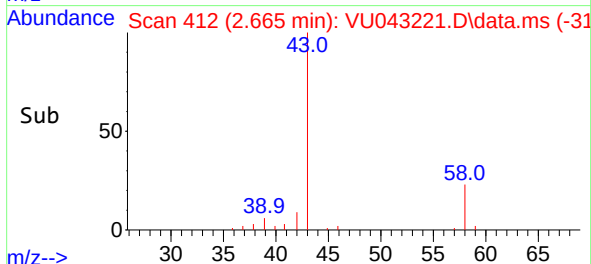
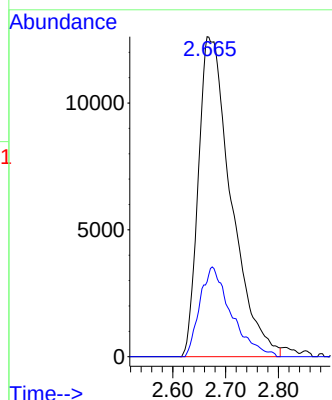
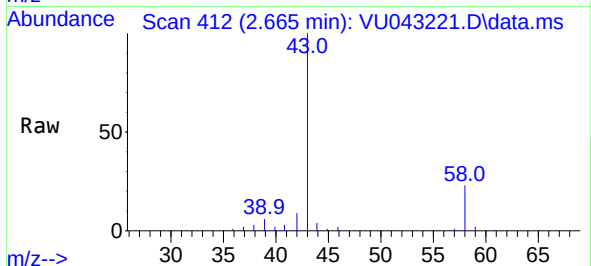




#13
Acetone
Concen: 39.70 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

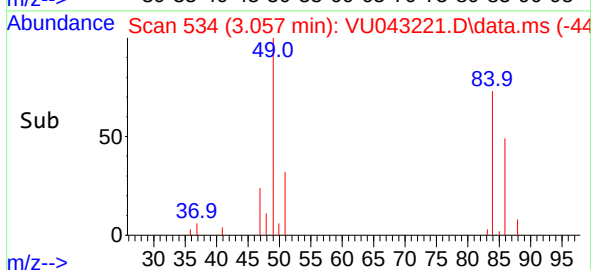
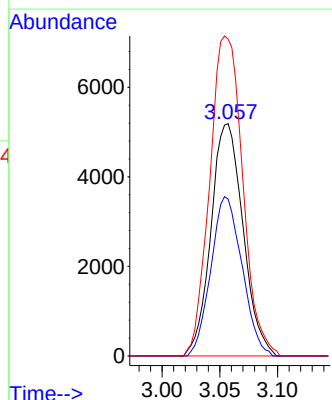
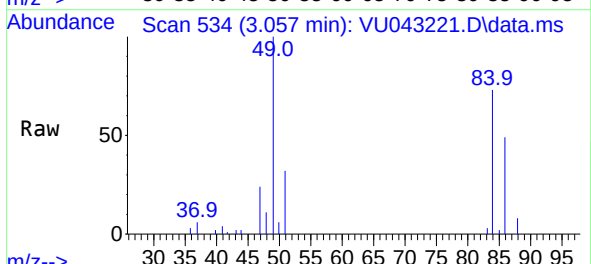
Instrument :
MSVOA_U
ClientSampled :

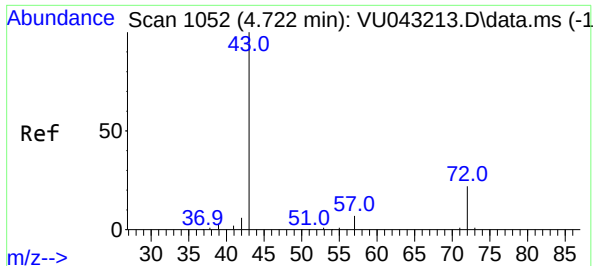
Tgt Ion: 43 Resp: 54258
Ion Ratio Lower Upper
43 100
58 26.9 0.0 25.0#



#16
Methylene chloride
Concen: 1.67 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 84 Resp: 10039
Ion Ratio Lower Upper
84 100
86 67.5 44.9 83.5
49 136.4 79.0 146.8

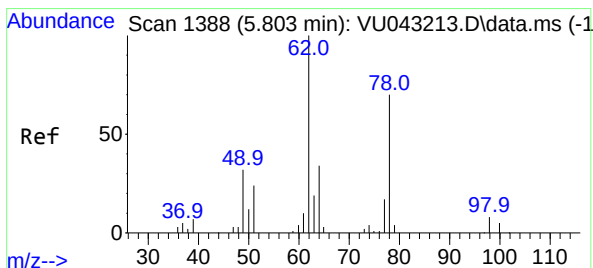
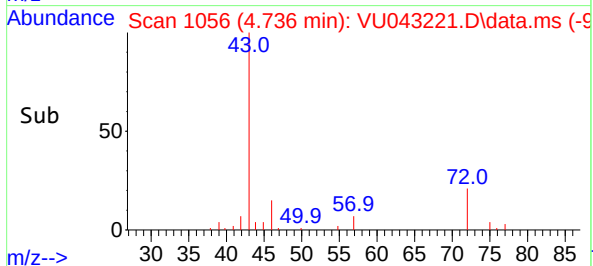
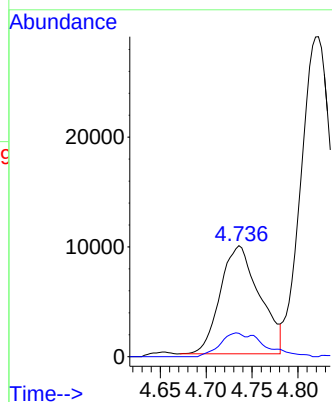
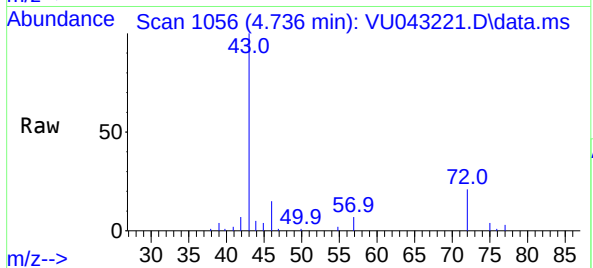




#21
2-Butanone
Concen: 13.02 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.013 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

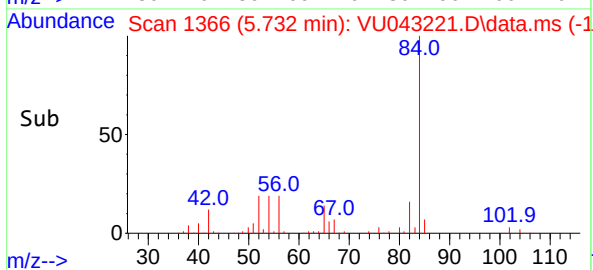
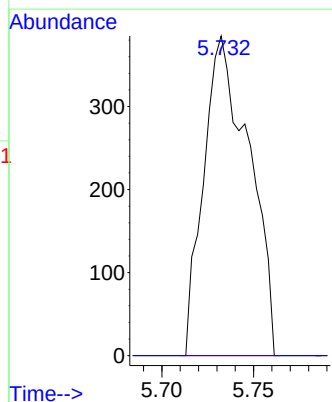
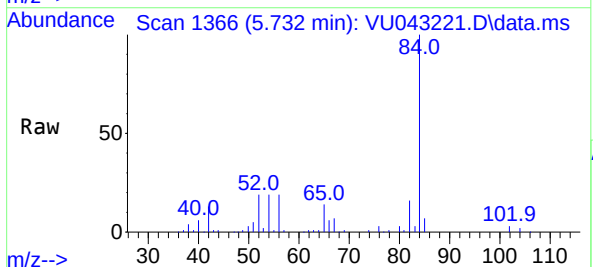
Instrument :
MSVOA_U
ClientSampled :

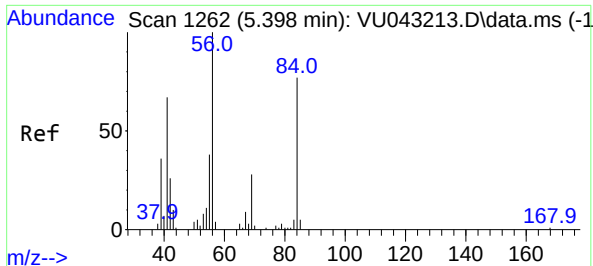
Tgt Ion: 43 Resp: 29363
Ion Ratio Lower Upper
43 100
72 13.3 15.8 47.3#



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.070 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 62 Resp: 660
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

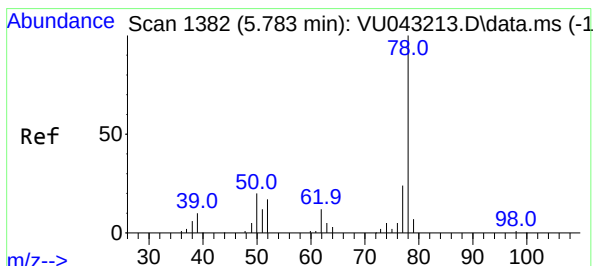
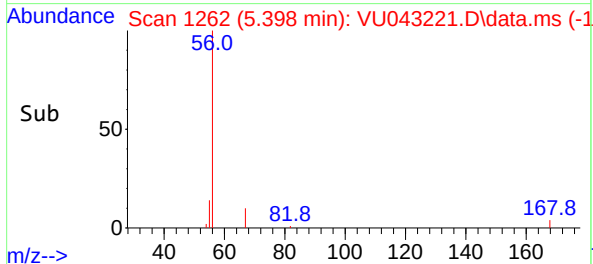
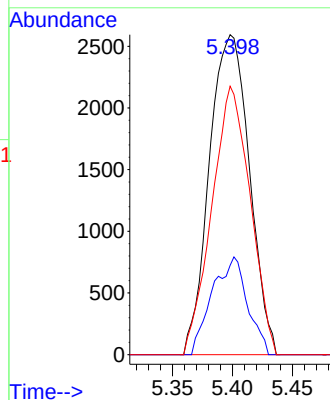
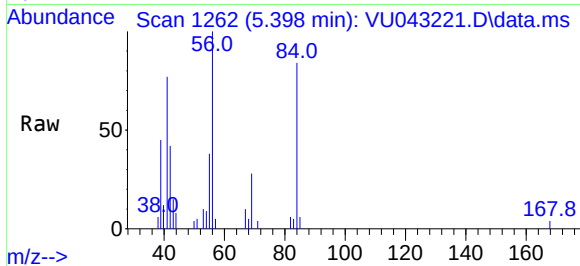




#30
Cyclohexane
Concen: 0.70 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

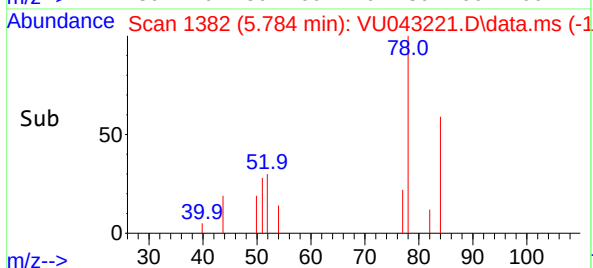
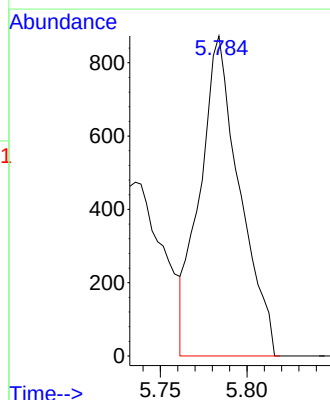
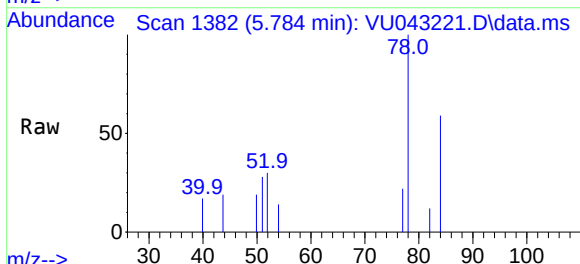
Instrument :
MSVOA_U
ClientSampled :

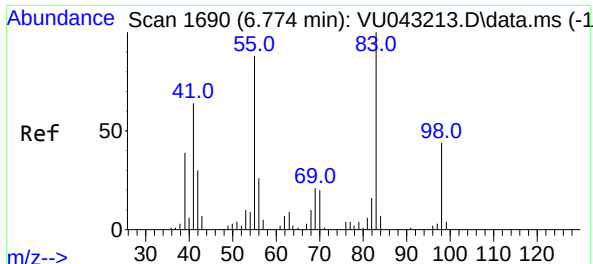
Tgt Ion: 56 Resp: 6032
Ion Ratio Lower Upper
56 100
69 26.9 25.2 37.8
84 80.2 76.2 114.4



#33
Benzene
Concen: 0.06 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 78 Resp: 1389





#35

Methylcyclohexane

Concen: 0.91 ug/L

RT: 6.700 min Scan# 1667

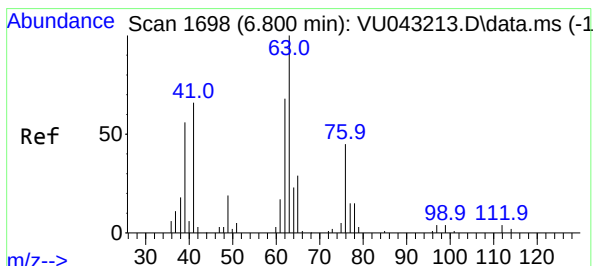
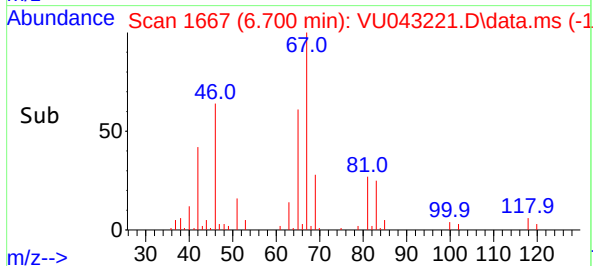
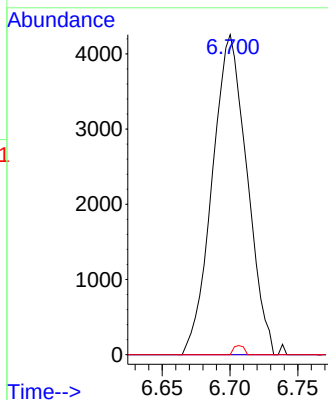
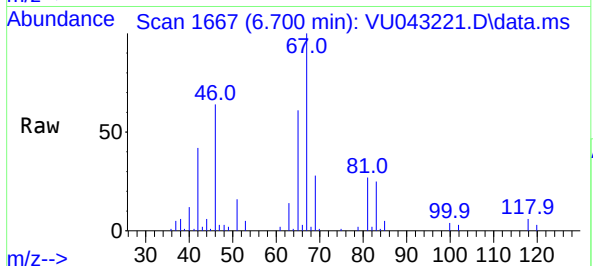
Delta R.T. -0.074 min

Lab File: VU043221.D

Acq: 20 Apr 2021 14:16

Tgt Ion:	83	Resp:	7584
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.8	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.68 ug/L

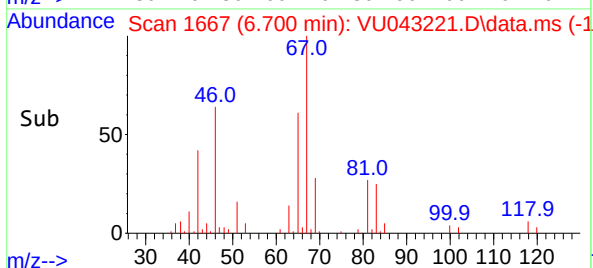
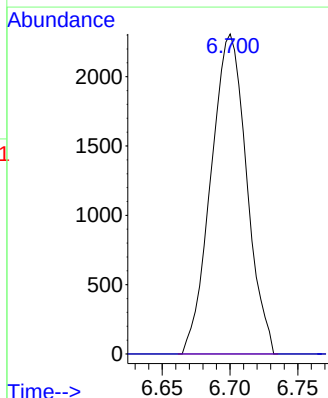
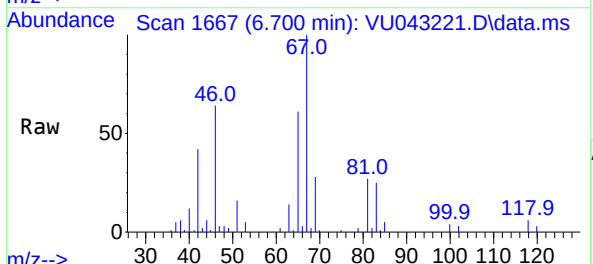
RT: 6.700 min Scan# 1667

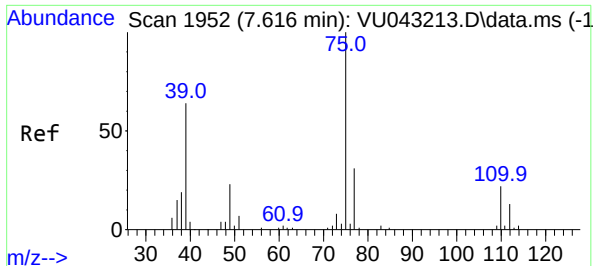
Delta R.T. -0.099 min

Lab File: VU043221.D

Acq: 20 Apr 2021 14:16

Tgt Ion:	63	Resp:	4222
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



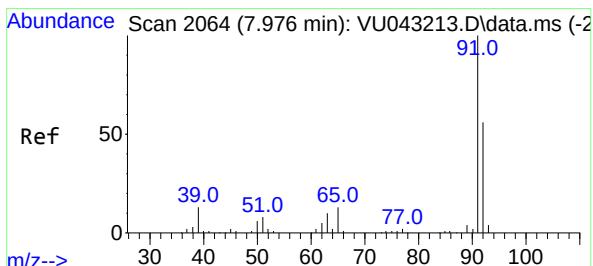
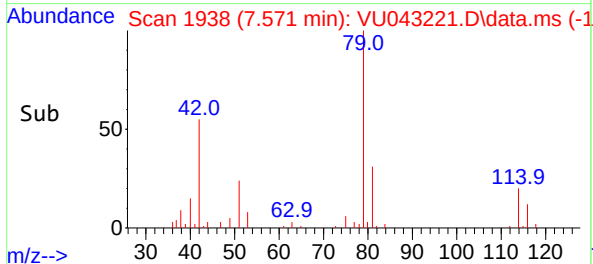
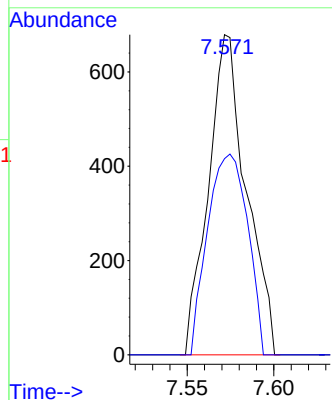
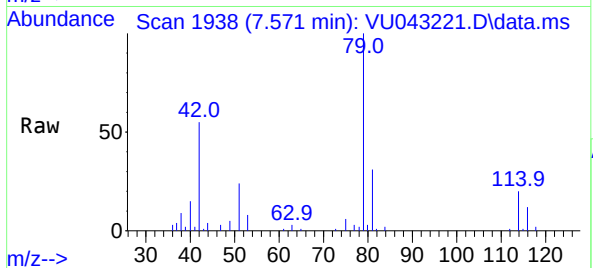


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Instrument :
MSVOA_U
ClientSampleId :

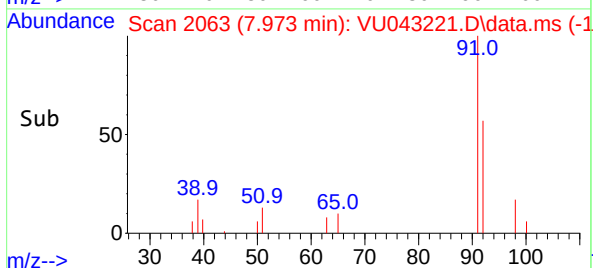
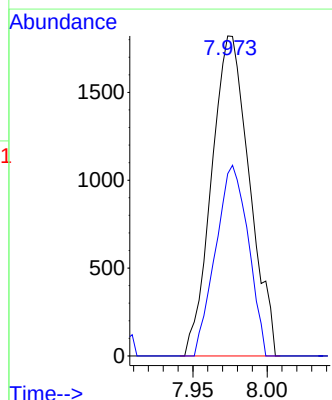
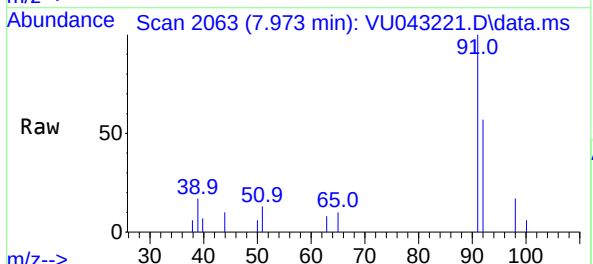
Tgt Ion: 75 Resp: 1034
Ion Ratio Lower Upper
75 100
77 61.3 21.8 40.6#

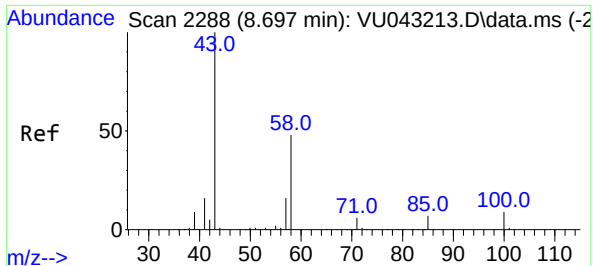


#42

Toluene
Concen: 0.13 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 91 Resp: 3225
Ion Ratio Lower Upper
91 100
92 56.9 40.9 76.0



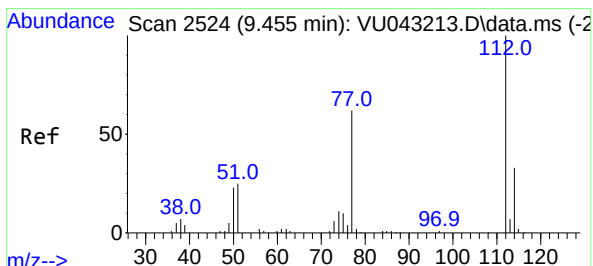
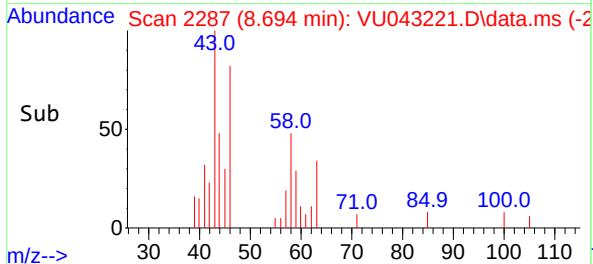
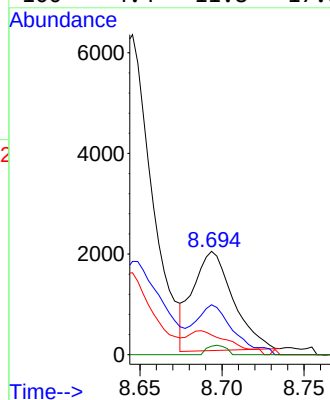
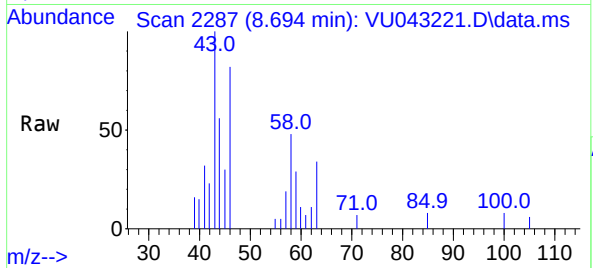


#48
2-Hexanone
Concen: 0.83 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3365

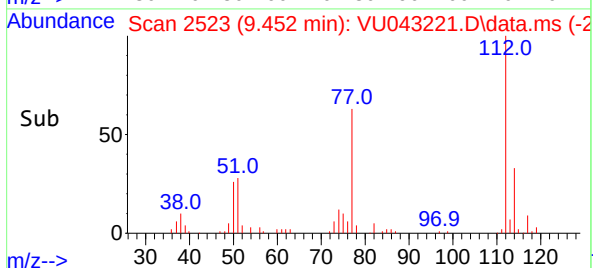
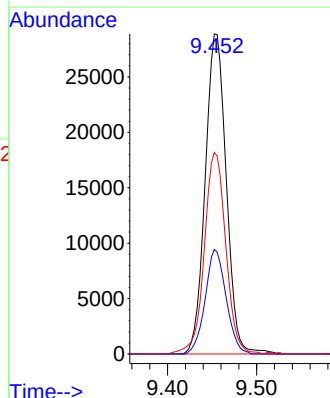
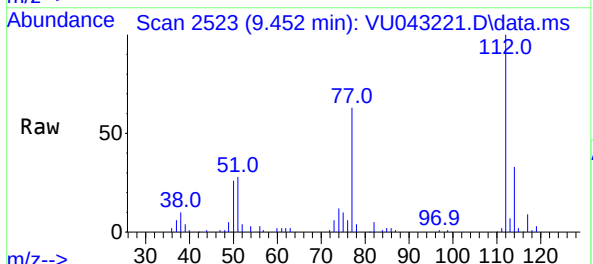
Ion	Ratio	Lower	Upper
43	100		
58	47.1	50.0	75.0#
57	25.3	17.4	26.0
100	4.4	11.8	17.8#

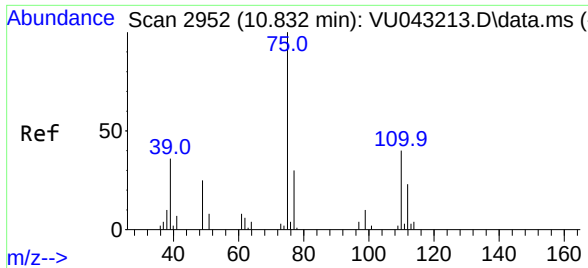


#51
Chlorobenzene
Concen: 3.03 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043221.D
Acq: 20 Apr 2021 14:16

Tgt Ion: 112 Resp: 47433

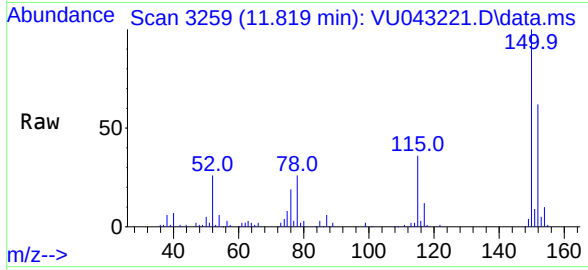
Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.9	40.7
77	63.0	45.1	67.7





#61
 1,2,3-Trichloropropane
 Concen: 1.25 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043221.D
 Acq: 20 Apr 2021 14:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5256
 Ion Ratio Lower Upper
 75 100
 110 0.4 31.5 47.3#
 77 40.0 26.3 39.5#

