

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043281.D
 Acq On : 22 Apr 2021 16:24
 Operator : SY/MD
 Sample : M2124-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4547

Quant Time: Apr 22 23:42:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

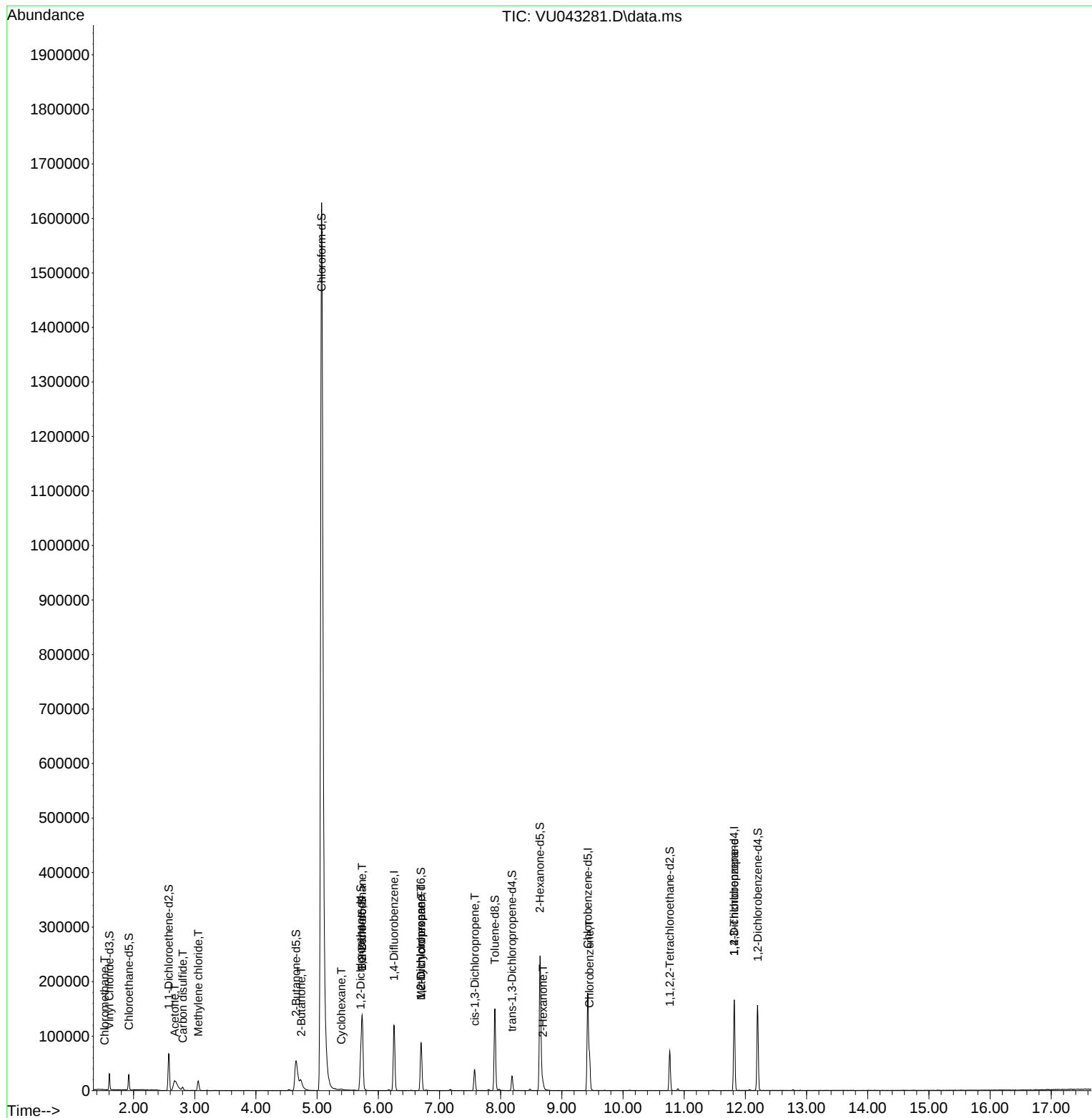
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	86447	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	88777	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39564	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19438	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.922	69	18255	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.575	65	12646	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.655	46	129847	67.35	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.70%#
24) Chloroform-d	5.073	84	64523	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.710	65	42033	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.735	84	112288	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.697	67	37457	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.906	98	91674	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloroprop...	8.186	79	13085	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.642	63	75369	49.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.84%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33435	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	37535	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	461	0.08	ug/L	# 41
13) Acetone	2.671	43	56273	39.72	ug/L	# 67
14) Carbon disulfide	2.803	76	6279	0.51	ug/L	96
16) Methylene chloride	3.057	84	7340	1.18	ug/L	# 70
21) 2-Butanone	4.742	43	31270	13.37	ug/L	75
27) 1,2-Dichloroethane	5.735	62	855	0.10	ug/L	# 74
30) Cyclohexane	5.395	56	726	0.08	ug/L	# 19
35) Methylcyclohexane	6.703	83	8708	0.96	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	4892	0.73	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	1019	0.10	ug/L	# 62
48) 2-Hexanone	8.694	43	5850	1.33	ug/L	# 71
51) Chlorobenzene	9.452	112	29731	1.76	ug/L	# 90
61) 1,2,3-Trichloropropane	11.819	75	5152	1.26	ug/L	# 63

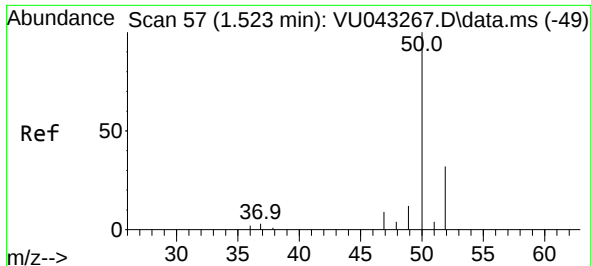
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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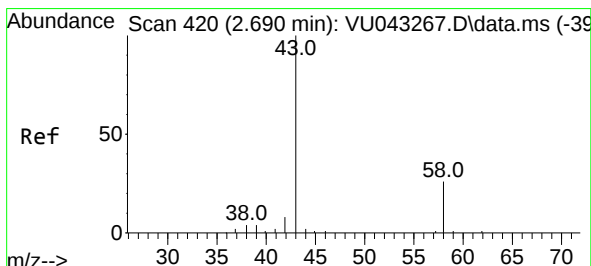
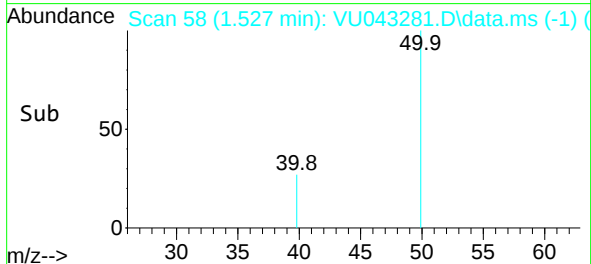
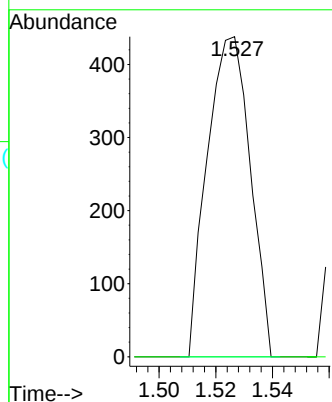
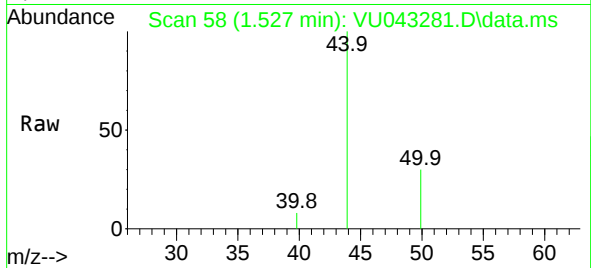




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

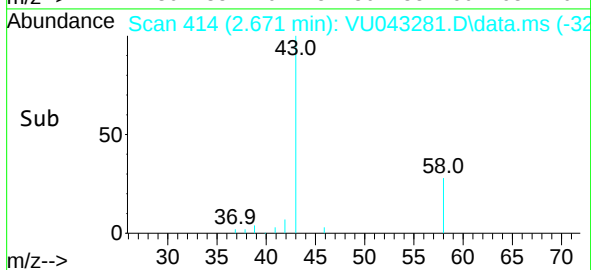
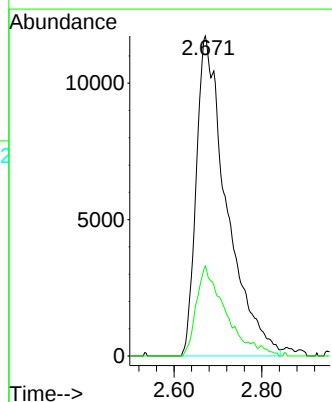
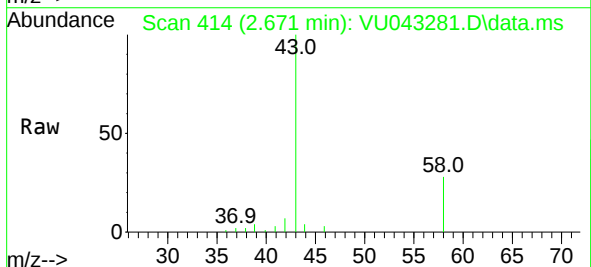
Instrument :
MSVOA_U
ClientSampled :
H4547

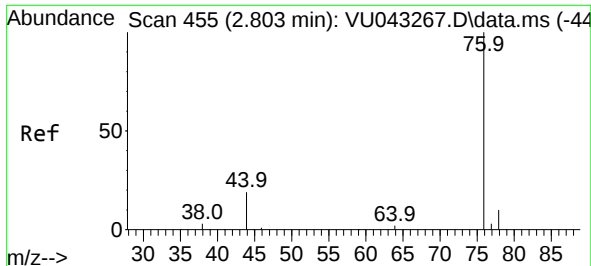
Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 0.0 23.6 43.8#



#13
Acetone
Concen: 39.72 ug/L
RT: 2.671 min Scan# 414
Delta R.T. -0.019 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

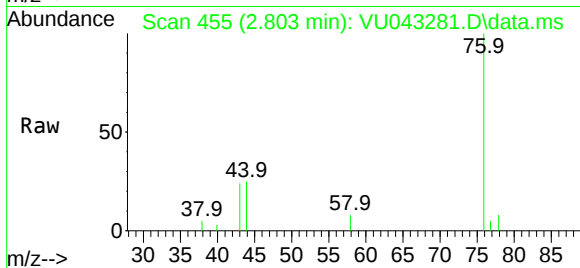
Tgt Ion: 43 Resp: 56273
Ion Ratio Lower Upper
43 100
58 25.5 0.0 25.0#



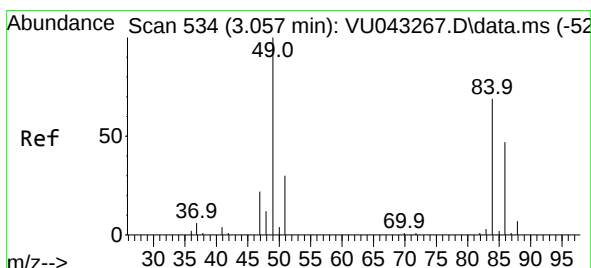
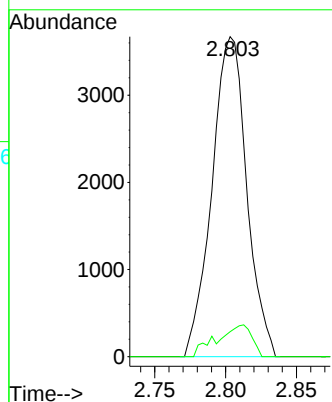
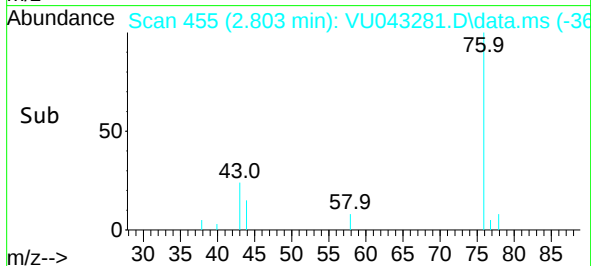


#14
Carbon disulfide
Concen: 0.51 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

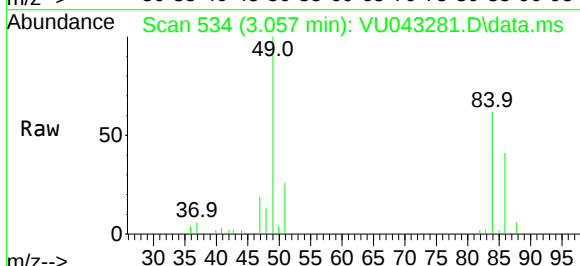
Instrument :
MSVOA_U
ClientSampled :
H4547



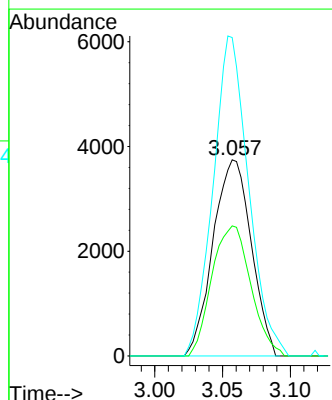
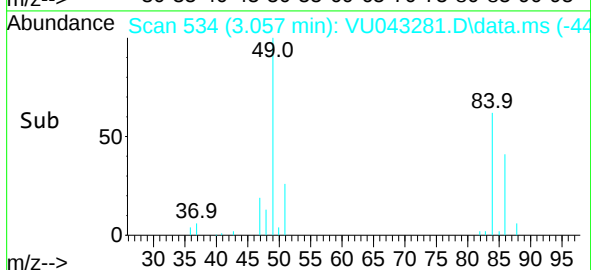
Tgt Ion: 76 Resp: 6279
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3

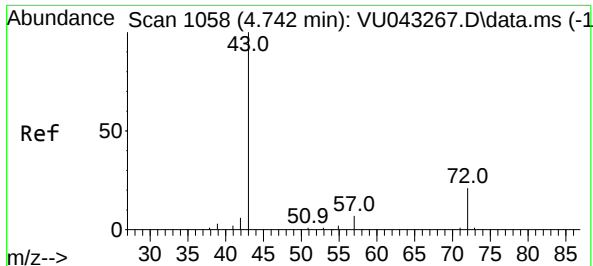


#16
Methylene chloride
Concen: 1.18 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24



Tgt Ion: 84 Resp: 7340
Ion Ratio Lower Upper
84 100
86 66.3 44.9 83.5
49 162.3 79.0 146.8#





#21

2-Butanone

Concen: 13.37 ug/L

RT: 4.742 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VU043281.D

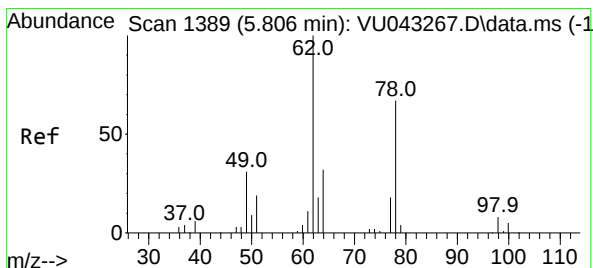
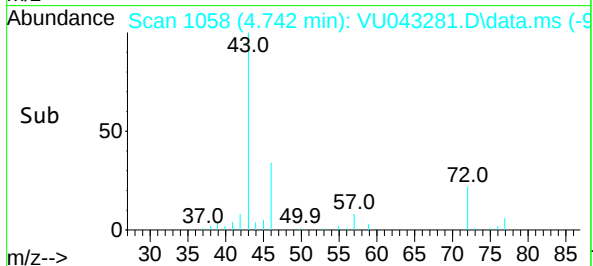
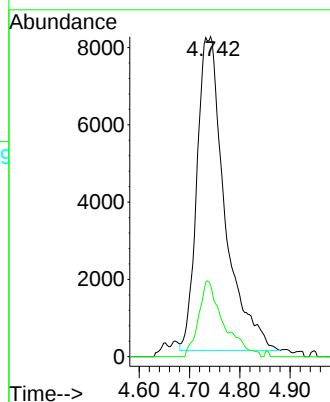
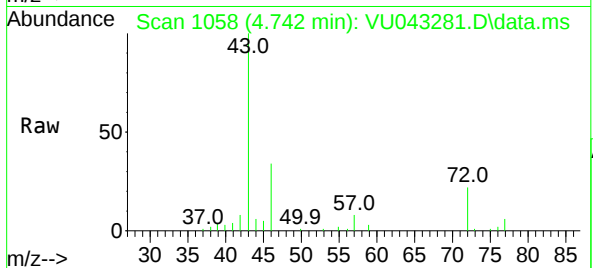
Acq: 22 Apr 2021 16:24

Tgt Ion: 43 Resp: 31270

Ion Ratio Lower Upper

43 100

72 17.8 15.8 47.3



#27

1,2-Dichloroethane

Concen: 0.10 ug/L

RT: 5.735 min Scan# 1367

Delta R.T. -0.071 min

Lab File: VU043281.D

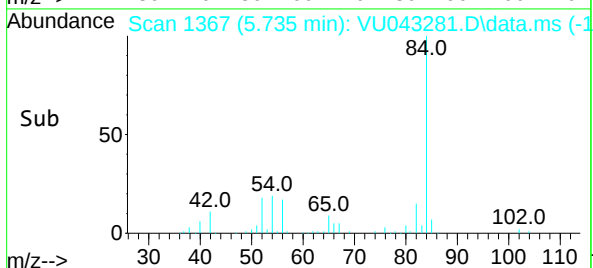
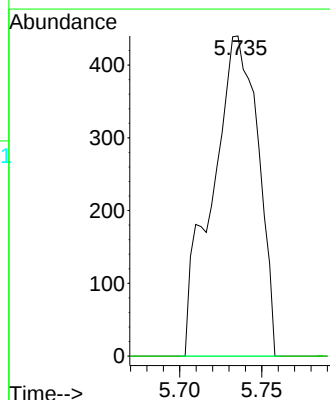
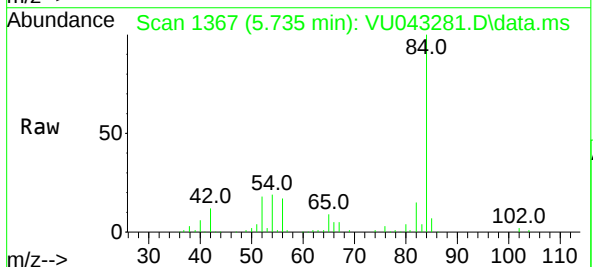
Acq: 22 Apr 2021 16:24

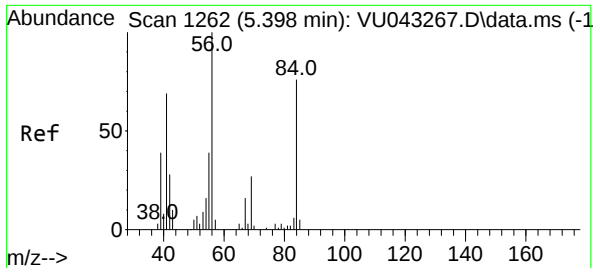
Tgt Ion: 62 Resp: 855

Ion Ratio Lower Upper

62 100

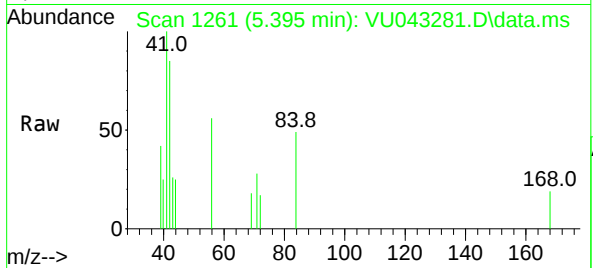
98 0.0 7.5 11.3#



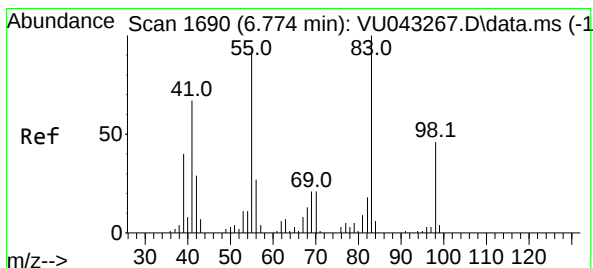
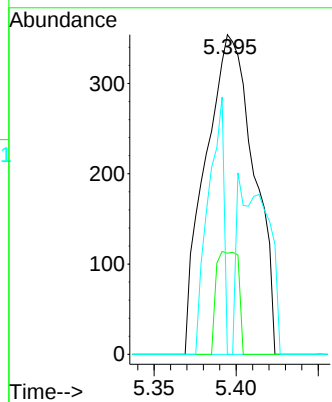
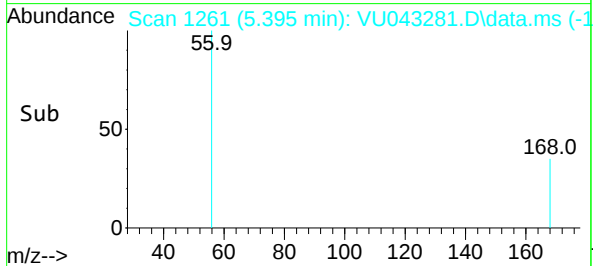


#30
Cyclohexane
Concen: 0.08 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

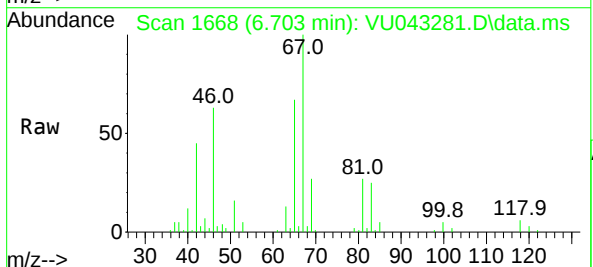
Instrument :
MSVOA_U
ClientSampleId :
H4547



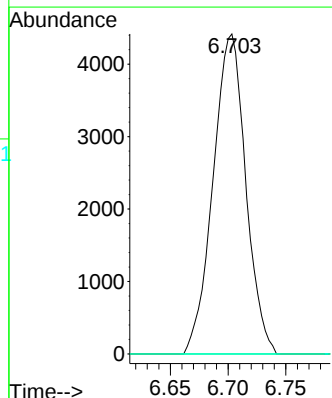
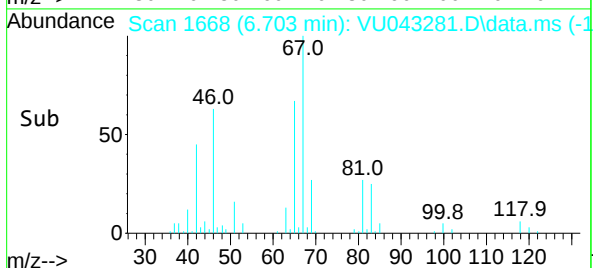
Tgt Ion: 56 Resp: 726
Ion Ratio Lower Upper
56 100
69 14.6 25.2 37.8#
84 0.0 76.2 114.4#

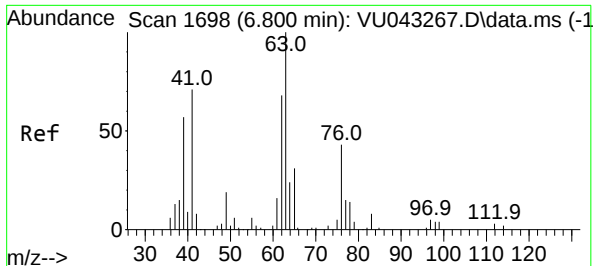


#35
Methylcyclohexane
Concen: 0.96 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24



Tgt Ion: 83 Resp: 8708
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#



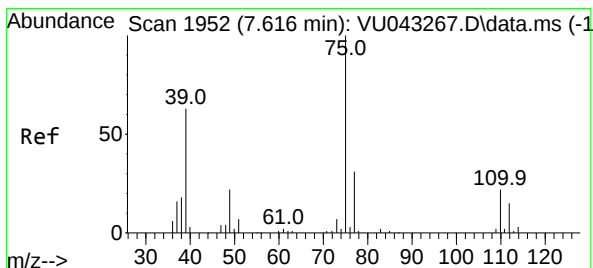
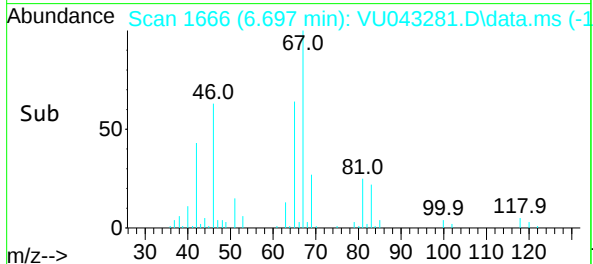
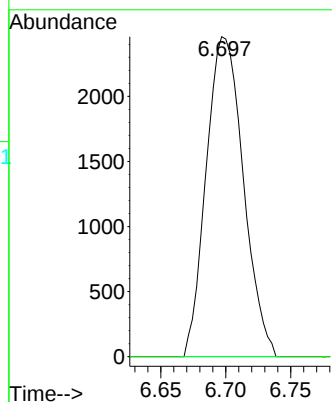
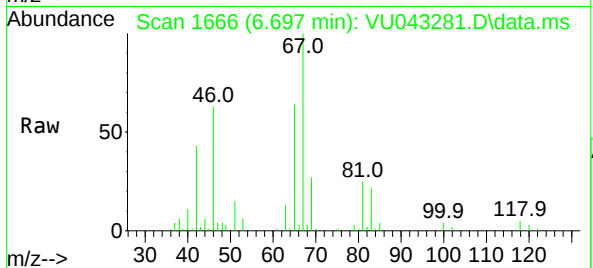


#37

1,2-Dichloropropane
Concen: 0.73 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampled :
H4547

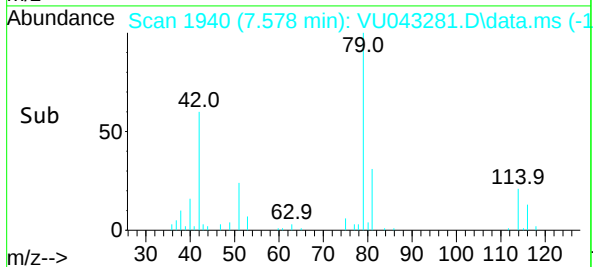
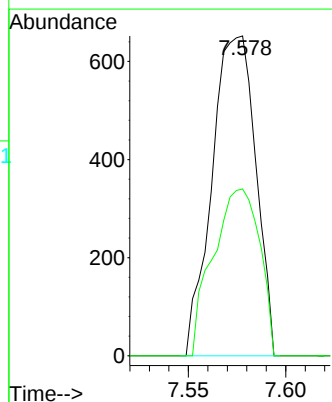
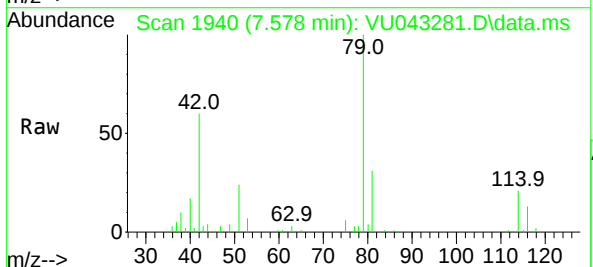
Tgt Ion: 63 Resp: 4892
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

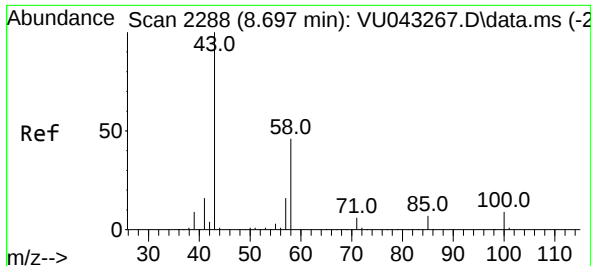


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
77 52.1 21.8 40.6#

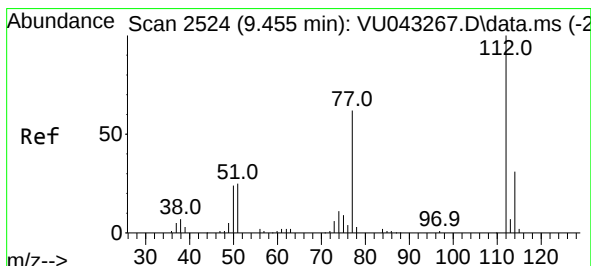
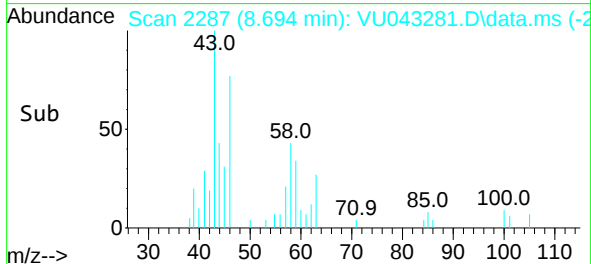
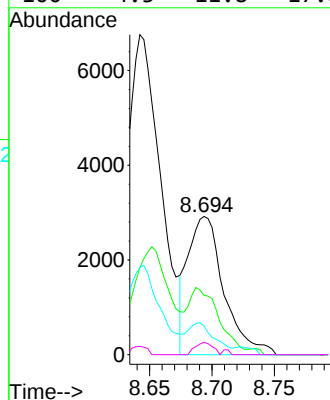
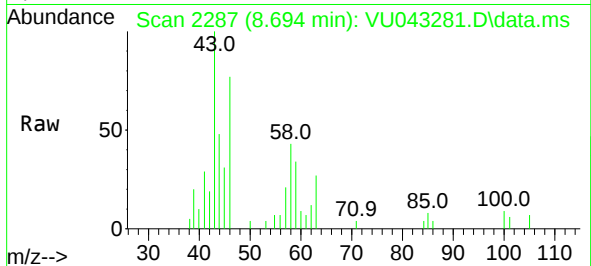




#48
2-Hexanone
Concen: 1.33 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

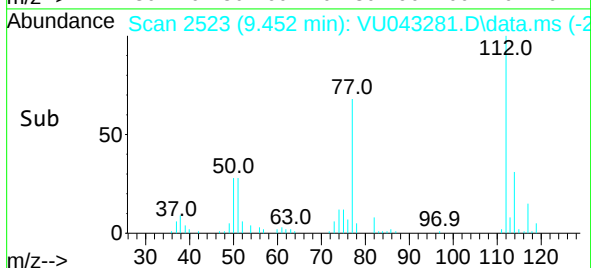
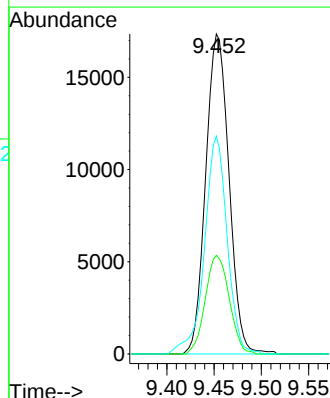
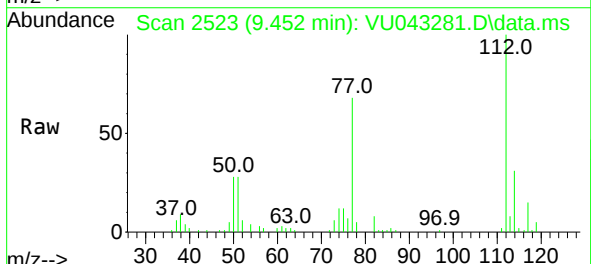
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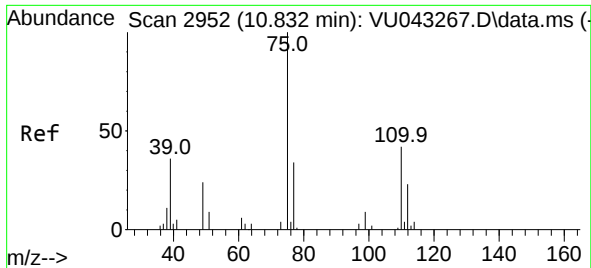
Tgt Ion:	43	Resp:	5850
Ion	Ratio	Lower	Upper
43	100		
58	36.3	50.0	75.0#
57	13.4	17.4	26.0#
100	4.3	11.8	17.8#



#51
Chlorobenzene
Concen: 1.76 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043281.D
Acq: 22 Apr 2021 16:24

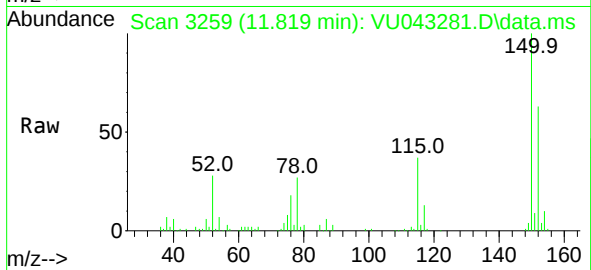
Tgt Ion:	112	Resp:	29731
Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.9	40.7
77	68.0	45.1	67.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.26 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043281.D
 Acq: 22 Apr 2021 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 H4547



Tgt Ion: 75 Resp: 5152
 Ion Ratio Lower Upper
 75 100
 110 0.9 31.5 47.3#
 77 36.6 26.3 39.5

