

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041565.D
 Acq On : 11 Dec 2020 03:25
 Operator : SY/MD
 Sample : L5027-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H6

Quant Time: Dec 11 07:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	39520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	44488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8971	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	8628	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	18114	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.66	46	25686	33.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.50%
24) Chloroform-d	5.09	84	25031	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	17768	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.75	84	35904	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	6.70	67	9538	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	65.80%
41) Toluene-d8	7.91	98	43016	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	6859	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	22525	31.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11822	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	19362	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

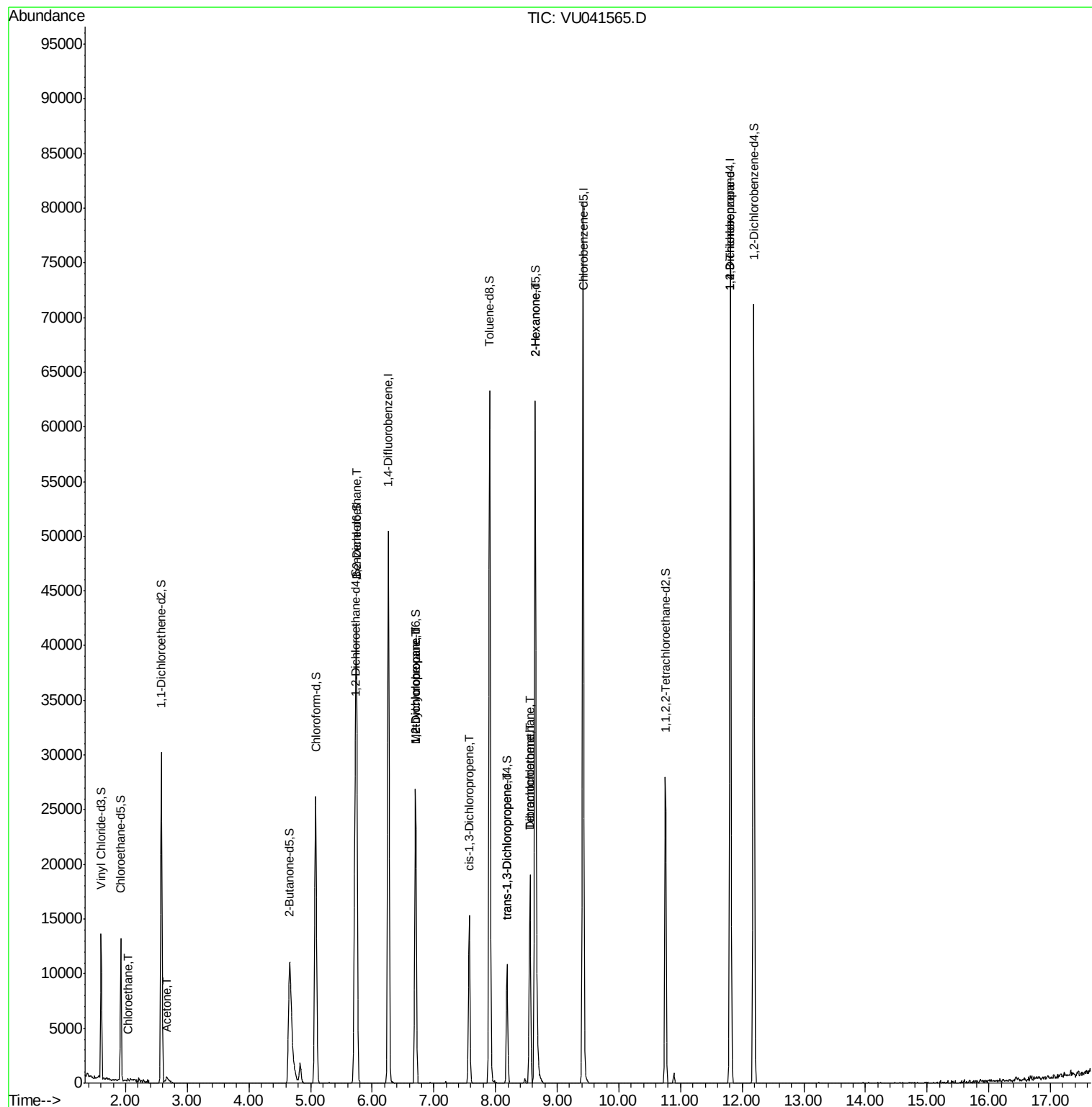
					Ovalue
8) Chloroethane	2.04	64	92	0.052	ug/L # 45
13) Acetone	2.66	43	1368	2.309	ug/L 75
27) 1,2-Dichloroethane	5.74	62	150	0.035	ug/L # 79
35) Methylcyclohexane	6.70	83	3129	0.690	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	1653	0.641	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	350	0.075	ug/L # 79
44) trans-1,3-Dichloropropene	8.19	75	250	0.054	ug/L # 42
47) Tetrachloroethene	8.56	164	4434	1.689	ug/L 91
48) 2-Hexanone	8.64	43	3314	1.995	ug/L # 70
49) Dibromochloromethane	8.56	129	4133	1.219	ug/L # 12
59) 1,2,3-Trichloropropane	11.81	75	1731	0.691	ug/L # 73

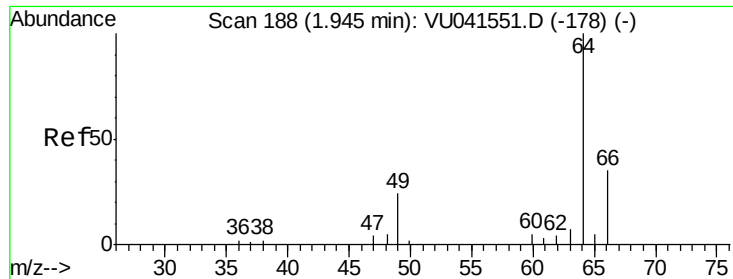
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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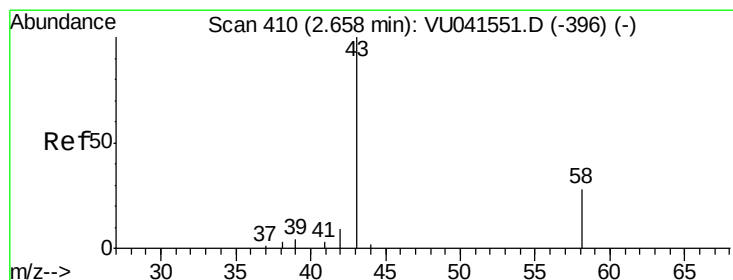
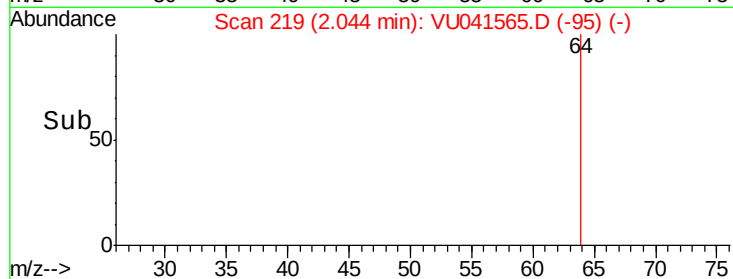
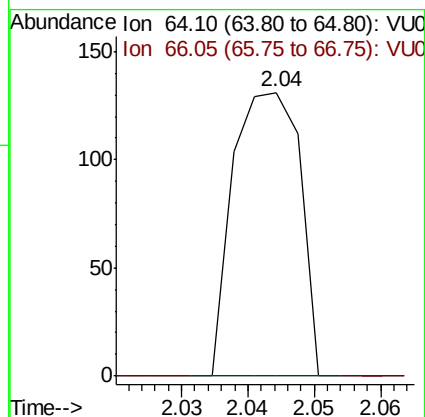
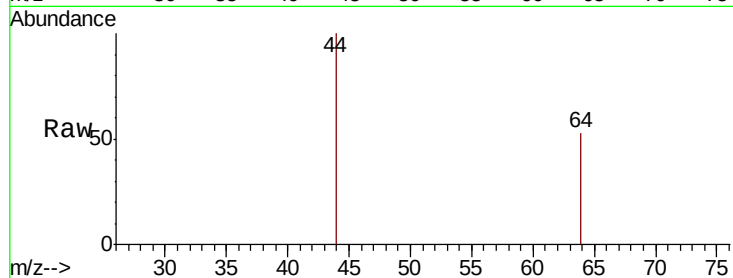




#8
Chloroethane
Concen: 0.052 ug/L
RT: 2.04 min Scan# 219
Delta R.T. 0.10 min
Lab File: VU041565.D
Acq: 11 Dec 2020 03:25

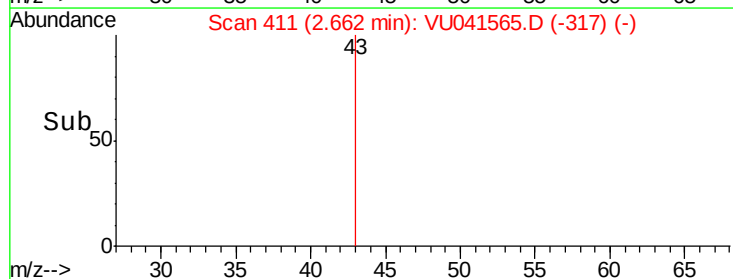
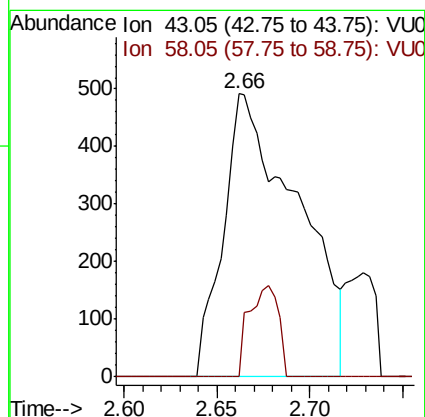
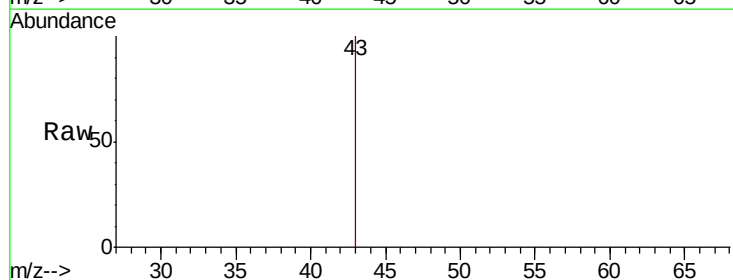
Instrument :
MSVOA_U
ClientSampleId :
GB1H6

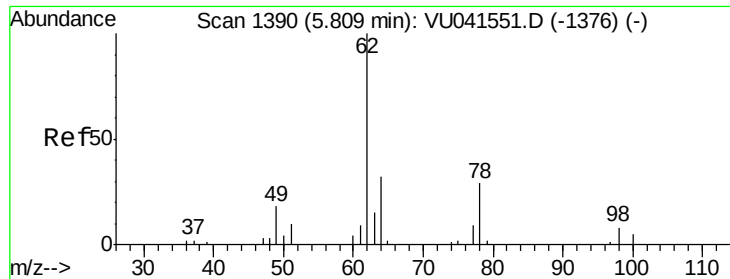
Tot Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 2.309 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041565.D
Acq: 11 Dec 2020 03:25

Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 12.6 0.0 50.0

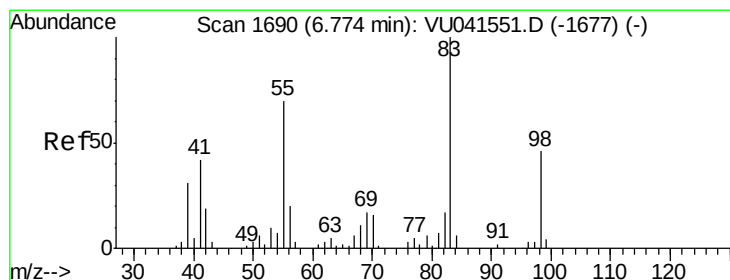
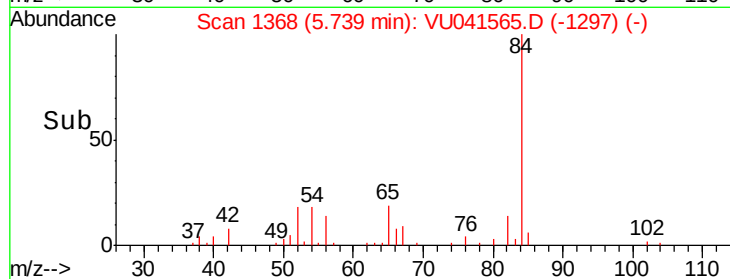
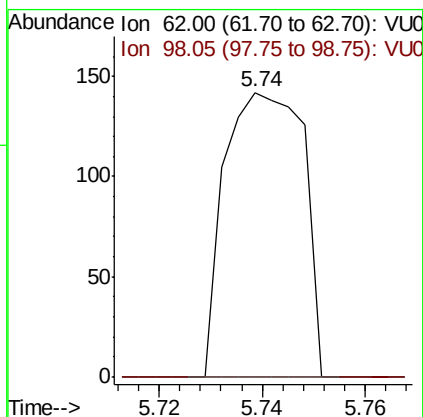
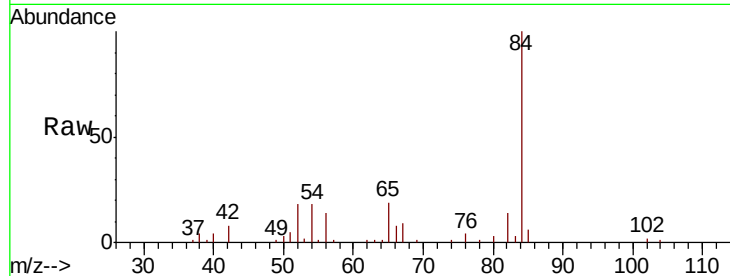




#27
 1,2-Dichloroethane
 Concen: 0.035 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041565.D
 Acq: 11 Dec 2020 03:25

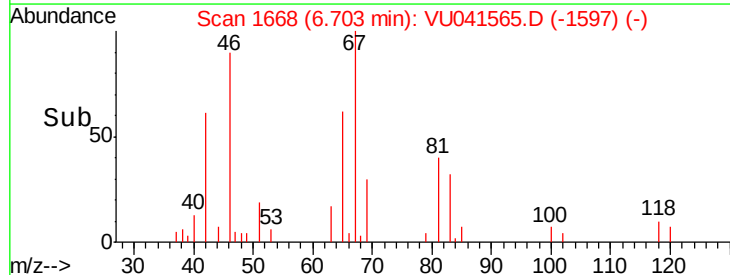
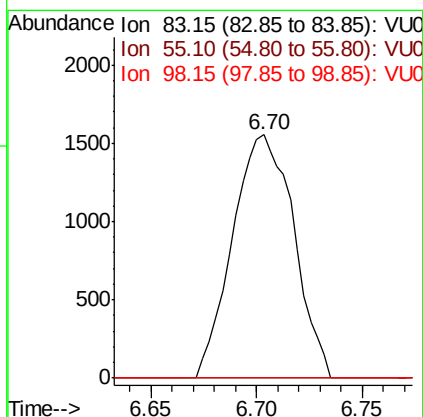
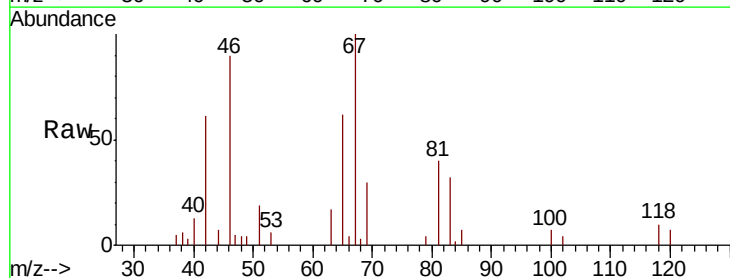
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H6

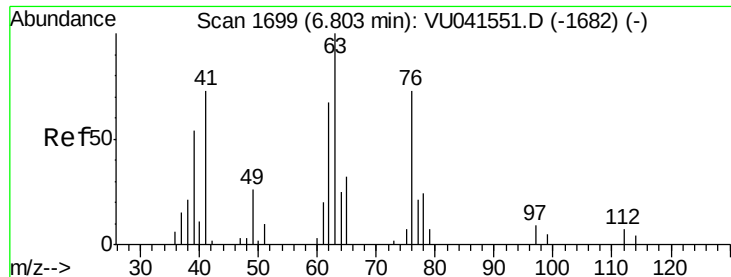
Tot Ion: 62 Resp: 150
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.690 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041565.D
 Acq: 11 Dec 2020 03:25

Tgt Ion: 83 Resp: 3129
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 38.7 58.1#

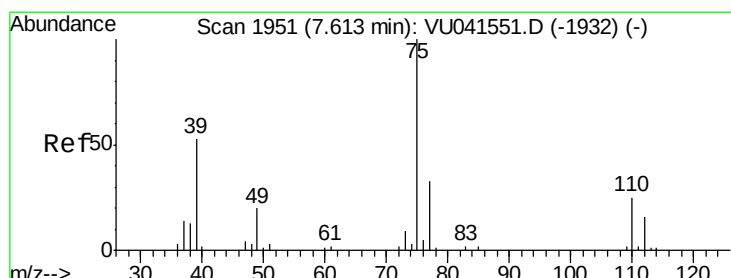
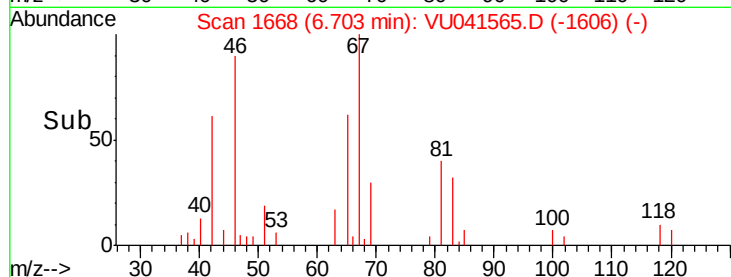
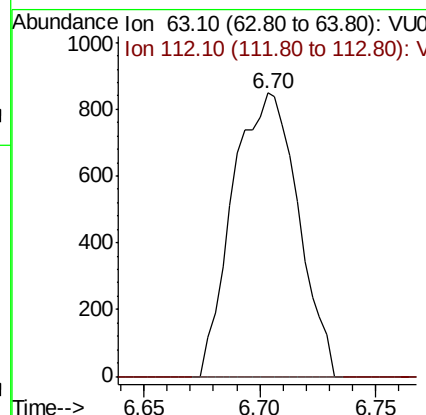
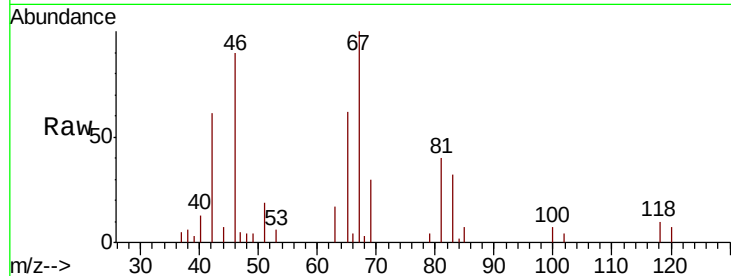




#37
 1,2-Dichloropropane
 Concen: 0.641 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041565.D
 Acq: 11 Dec 2020 03:25

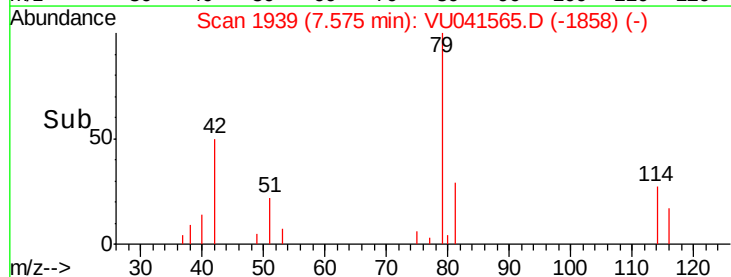
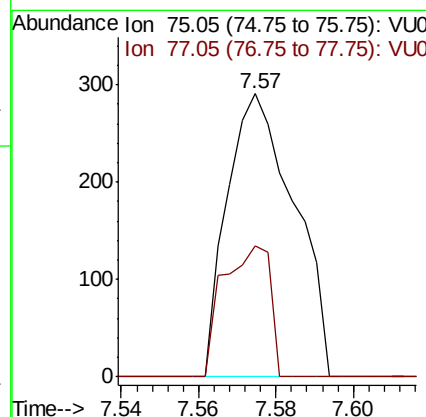
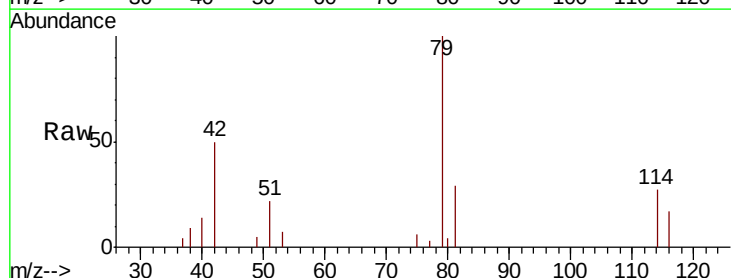
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H6

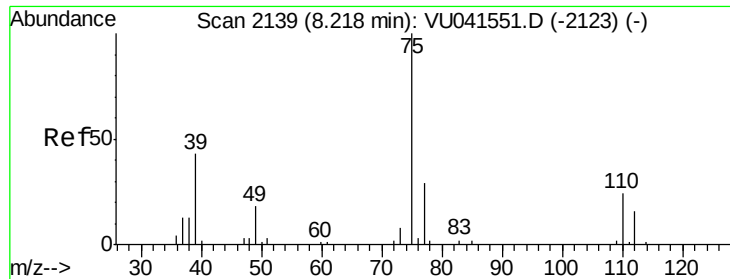
Tot Ion: 63 Resp: 1653
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041565.D
 Acq: 11 Dec 2020 03:25

Tgt Ion: 75 Resp: 350
 Ion Ratio Lower Upper
 75 100
 77 46.4 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041565.D

Acq: 11 Dec 2020 03:25

Instrument :

MSVOA_U

ClientSampleId :

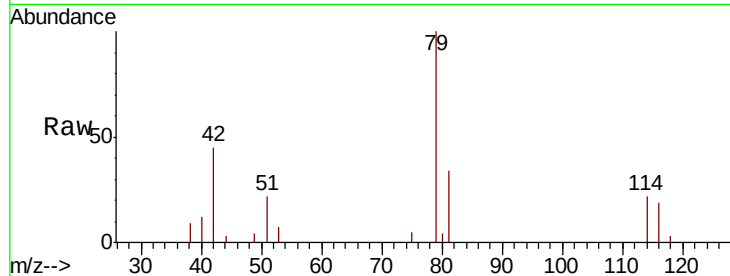
GB1H6

Tot Ion: 75 Resp: 250

Ion Ratio Lower Upper

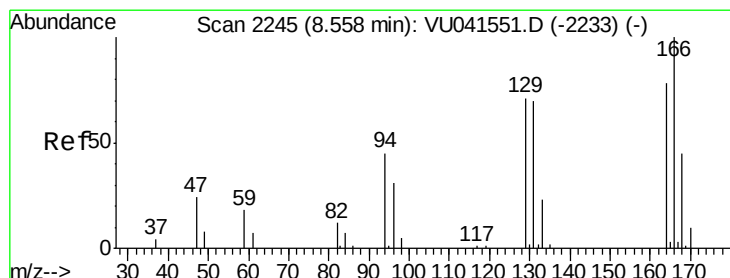
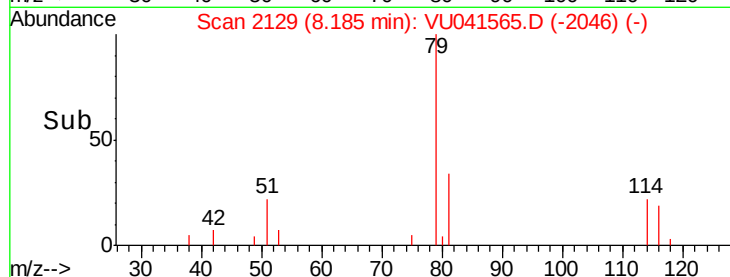
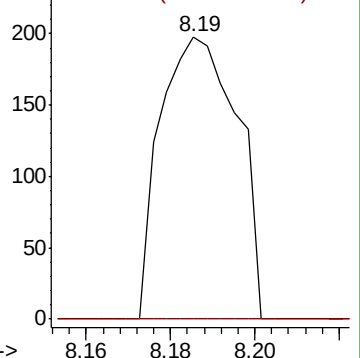
75 100

77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 1.689 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041565.D

Acq: 11 Dec 2020 03:25

Tgt Ion:164 Resp: 4434

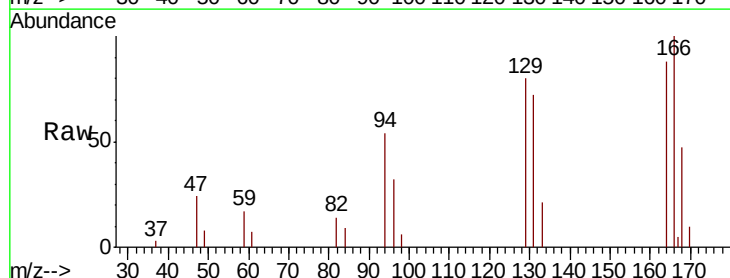
Ion Ratio Lower Upper

164 100

129 91.1 67.1 124.7

131 81.9 63.3 117.7

166 113.6 88.8 164.8

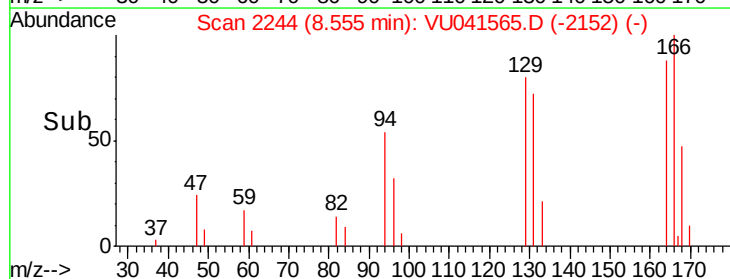
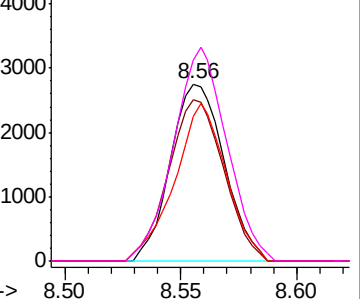


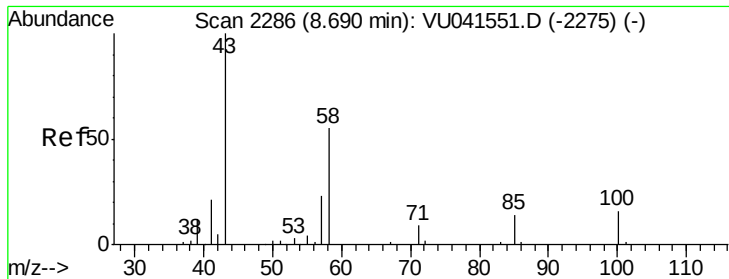
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

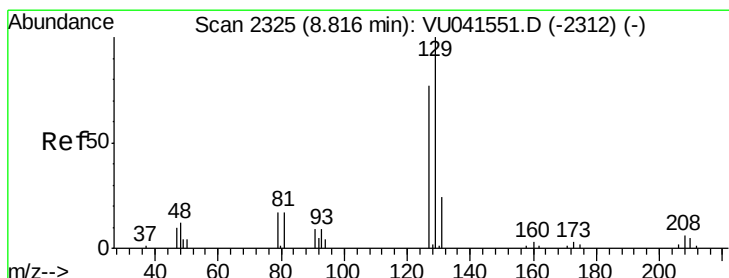
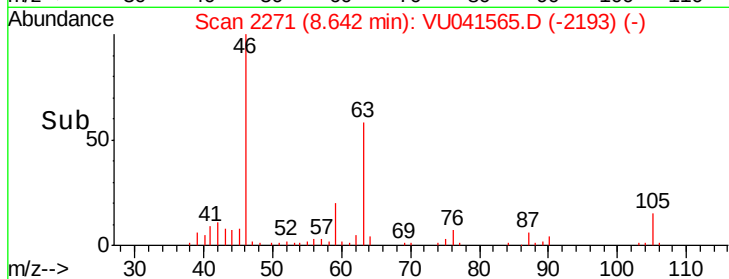
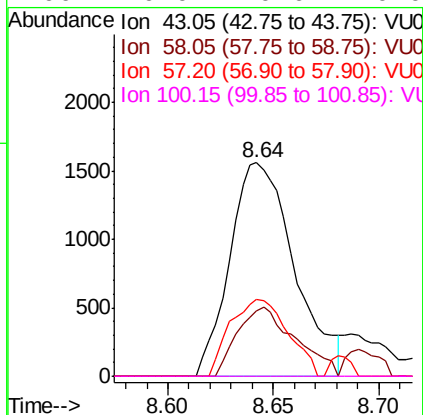
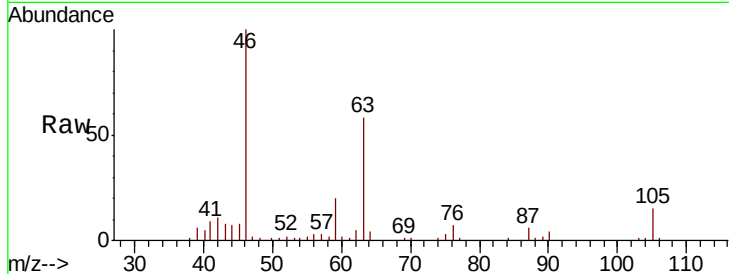




#48
2-Hexanone
Concen: 1.995 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041565.D
Acq: 11 Dec 2020 03:25

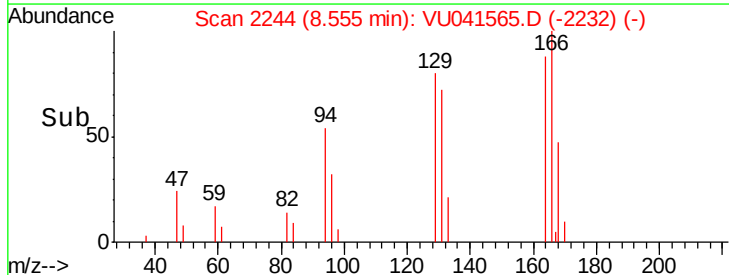
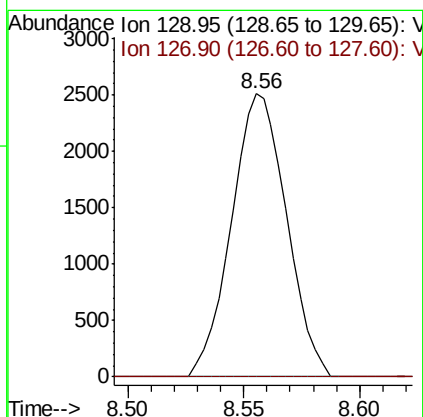
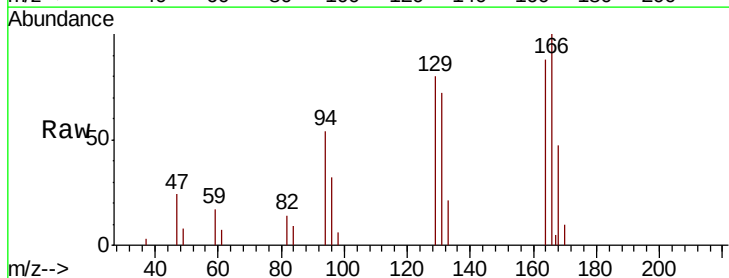
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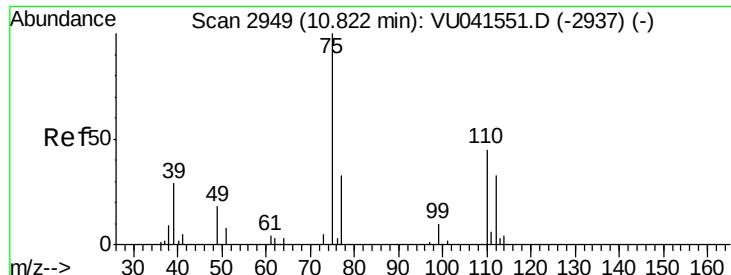
Tot Ion: 43 Resp: 3314
Ion Ratio Lower Upper
43 100
58 29.0 41.4 62.0#
57 32.2 17.1 25.7#
100 0.0 10.6 16.0#



#49
Dibromochloromethane
Concen: 1.219 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041565.D
Acq: 11 Dec 2020 03:25

Tgt Ion: 129 Resp: 4133
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#





#59

1,2,3-Trichloropropane

Concen: 0.691 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041565.D

Acq: 11 Dec 2020 03:25

Instrument :

MSVOA_U

ClientSampleId :

GB1H6

Tot Ion: 75 Resp: 1731

Ion Ratio Lower Upper

75 100

77 48.4 26.3 39.5#

