

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041615.D
 Acq On : 14 Dec 2020 17:02
 Operator : SY/MD
 Sample : L5027-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J4

Quant Time: Dec 15 00:49:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129321	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31153	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.92	69	31941	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.58	63	56072	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.67	46	147684	50.35	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	5.08	84	80085	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	48356	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	159570	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.70	67	52039	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.90	98	137231	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	21294	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	120492	42.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52249	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52204	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

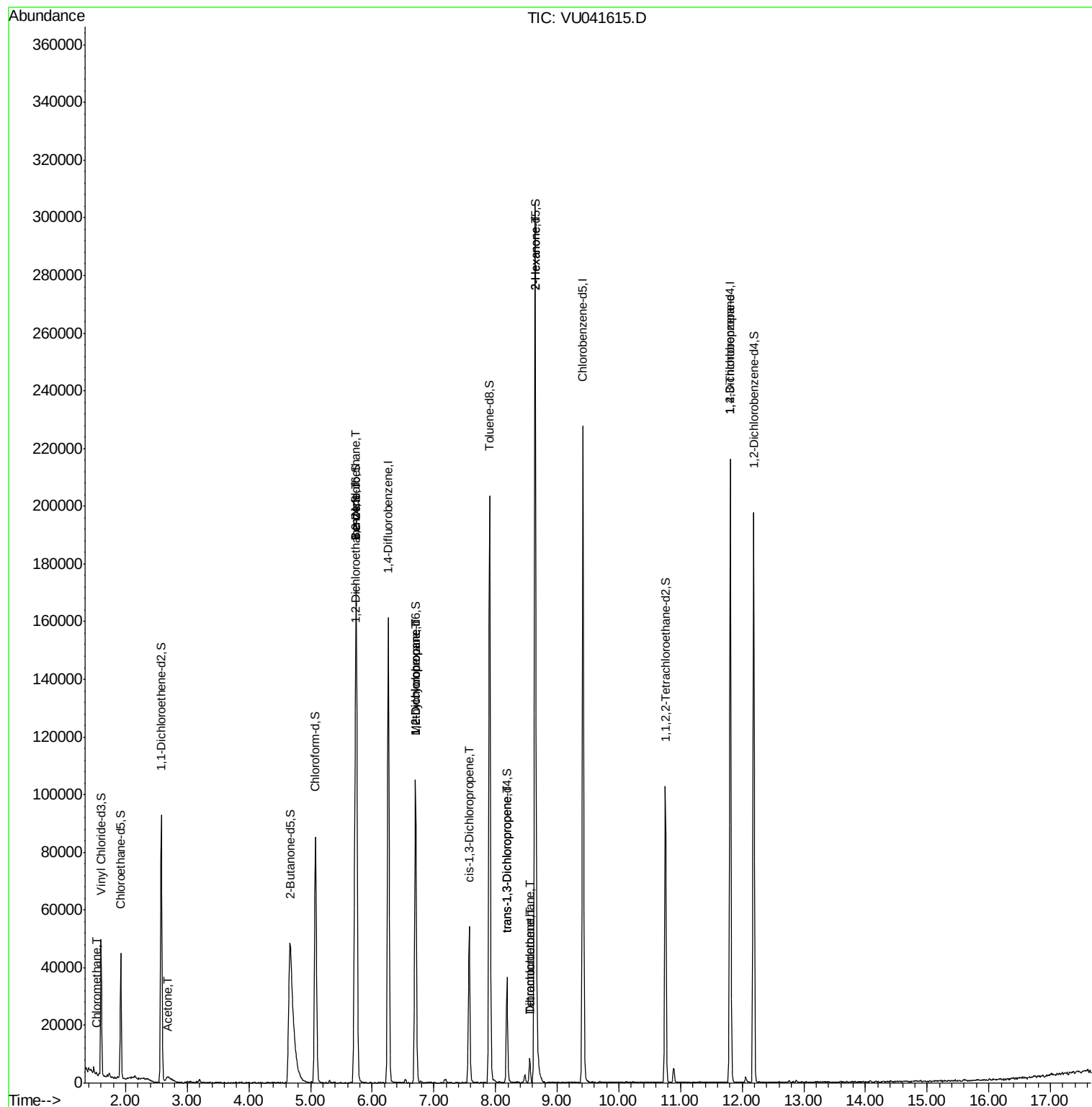
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	548	0.051	ug/L #	80
13) Acetone	2.68	43	2239	1.200	ug/L	58
27) 1,2-Dichloroethane	5.74	62	758	0.065	ug/L #	73
33) Benzene	5.75	78	1263	0.031	ug/L	100
35) Methylcyclohexane	6.70	83	12591	0.749	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5631	0.532	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1339	0.085	ug/L #	68
44) trans-1,3-Dichloropropene	8.19	75	768	0.055	ug/L #	42
47) Tetrachloroethene	8.56	164	1729	0.238	ug/L	97
48) 2-Hexanone	8.64	43	14063	2.567	ug/L #	64
49) Dibromochloromethane	8.56	129	1657	0.184	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6465	0.814	ug/L	98

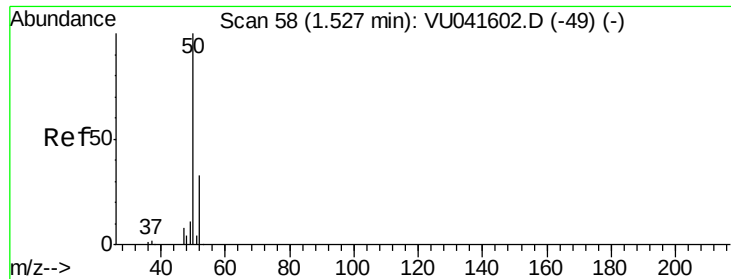
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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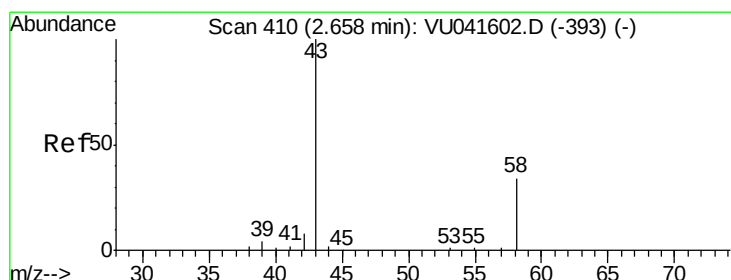
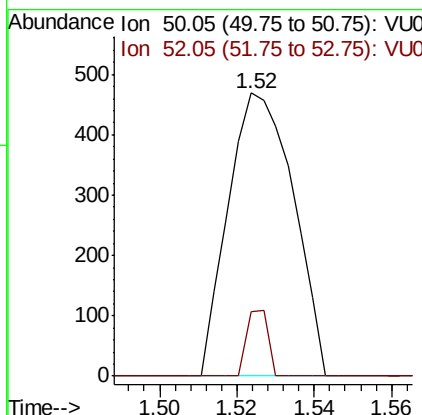
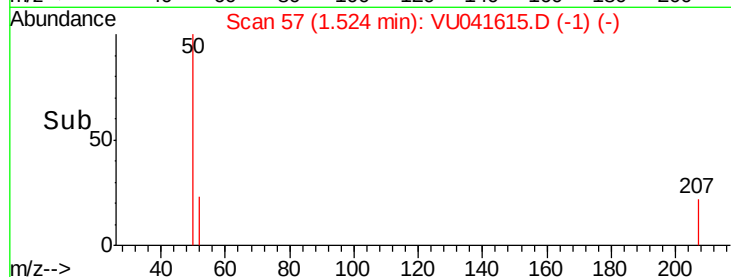
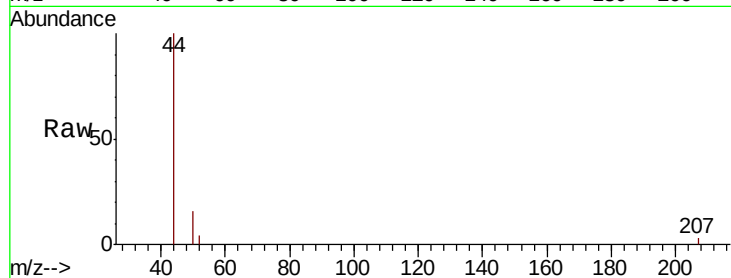




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

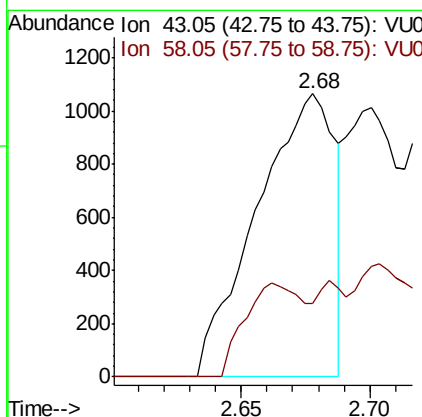
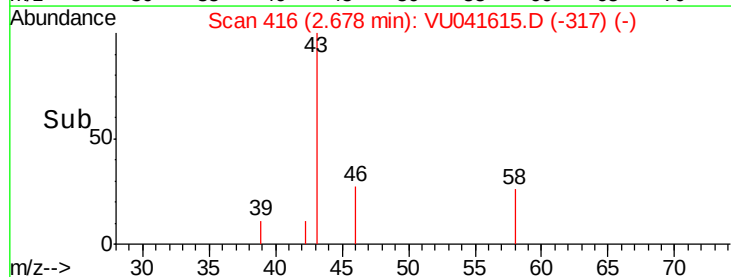
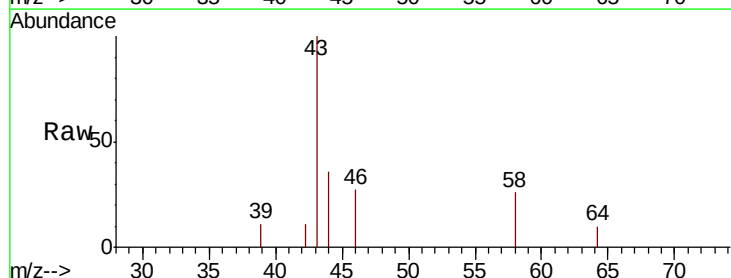
Instrument :
MSVOA_U
ClientSampled :
GB1J4

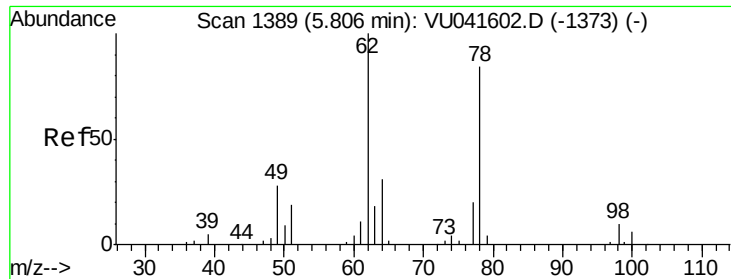
Tot Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 22.8 24.1 44.8#



#13
Acetone
Concen: 1.200 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.02 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
58 11.4 0.0 73.2

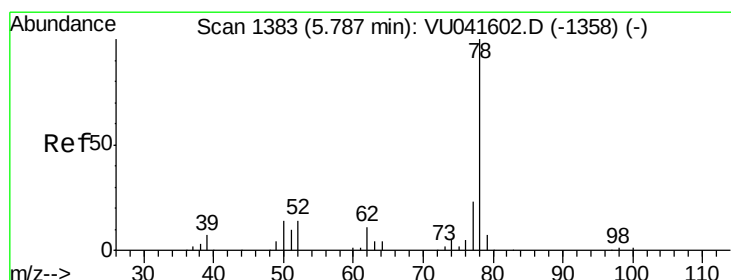
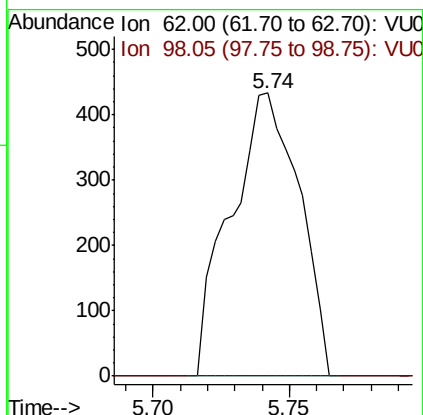
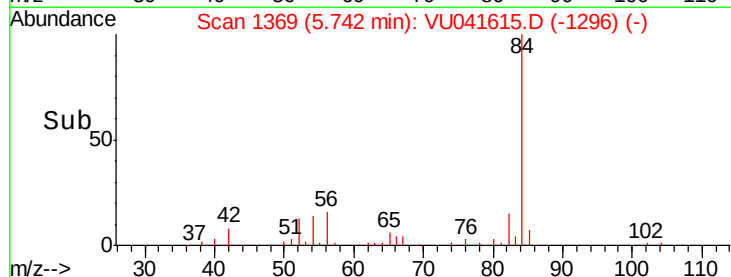
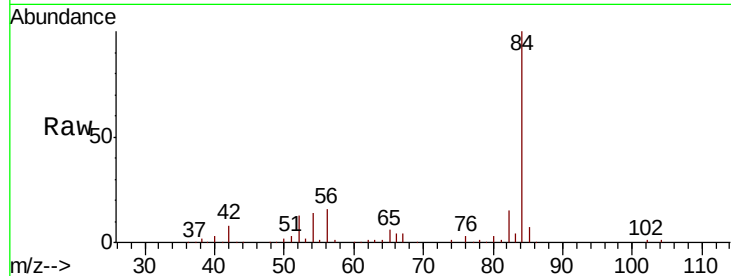




#27
 1,2-Dichloroethane
 Concen: 0.065 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041615.D
 Acq: 14 Dec 2020 17:02

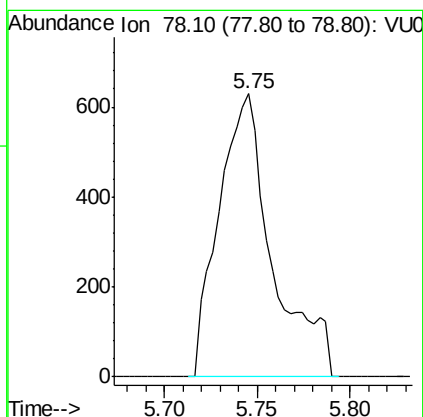
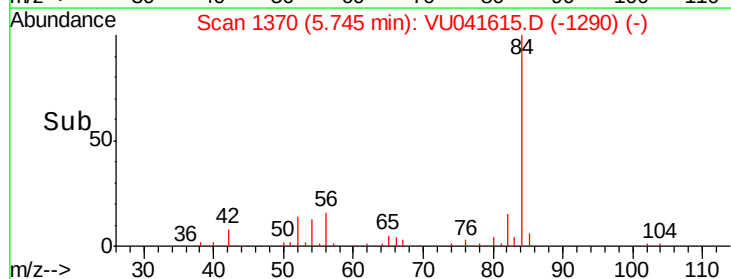
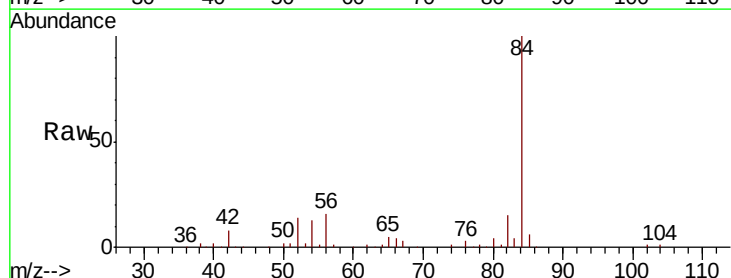
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J4

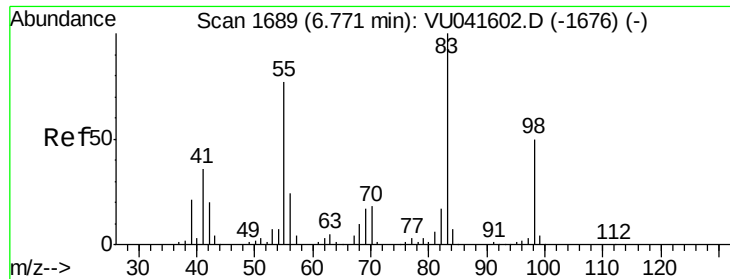
Tot Ion: 62 Resp: 758
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#33
 Benzene
 Concen: 0.031 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU041615.D
 Acq: 14 Dec 2020 17:02

Tgt Ion: 78 Resp: 1263

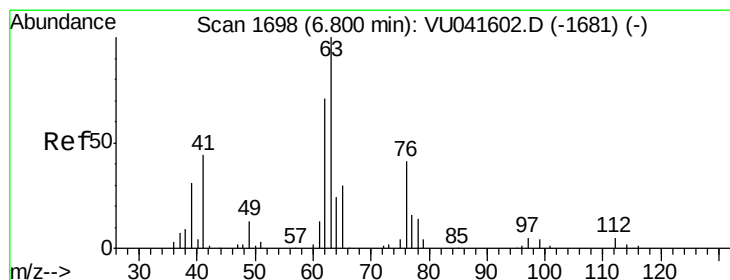
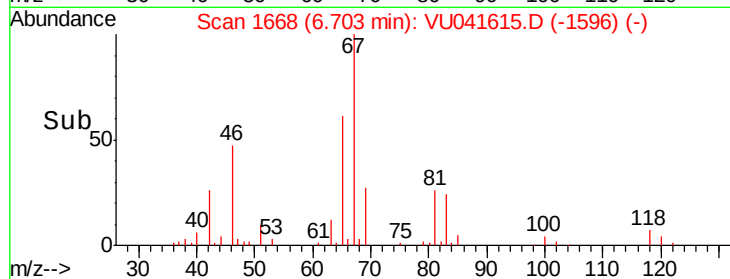
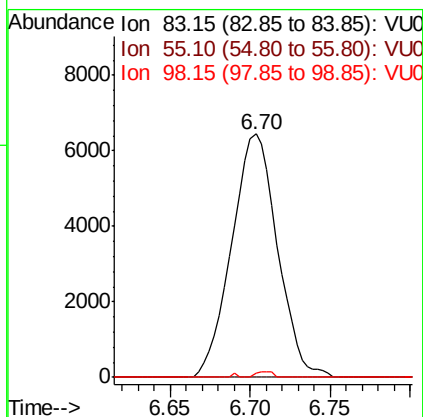
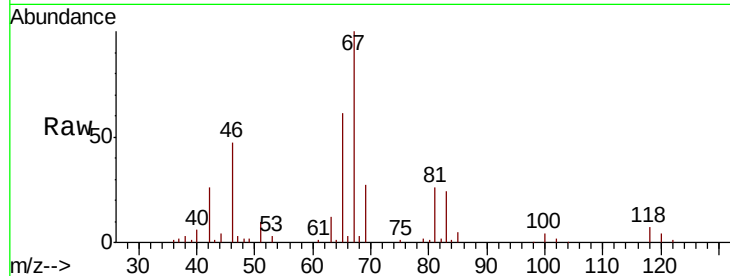




#35
Methylvlcyclohexane
Concen: 0.749 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

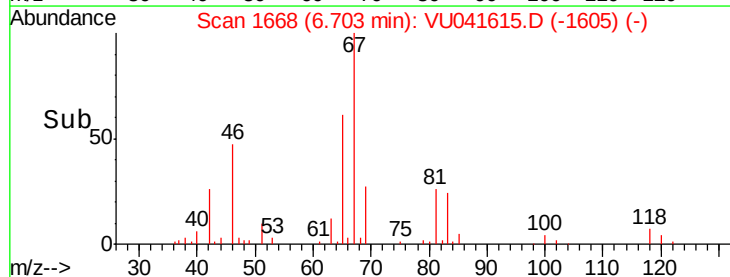
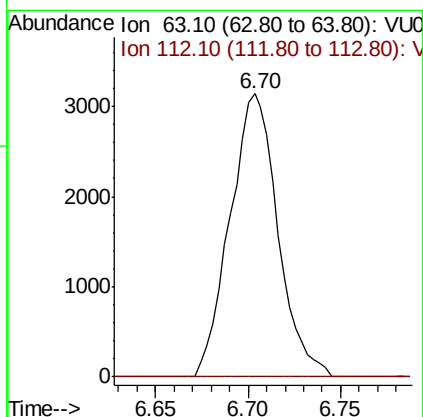
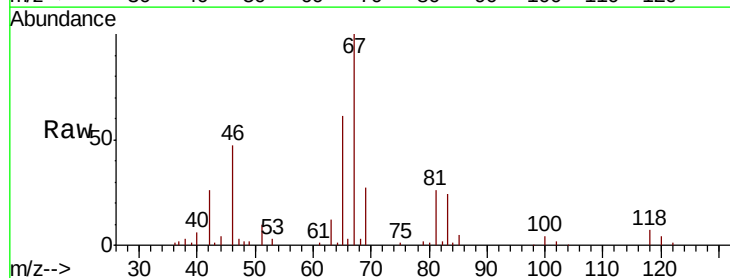
Instrument :
MSVOA_U
ClientSampleId :
GB1J4

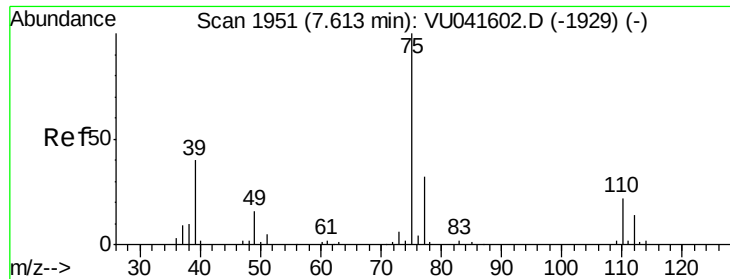
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.8	36.6	54.8#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



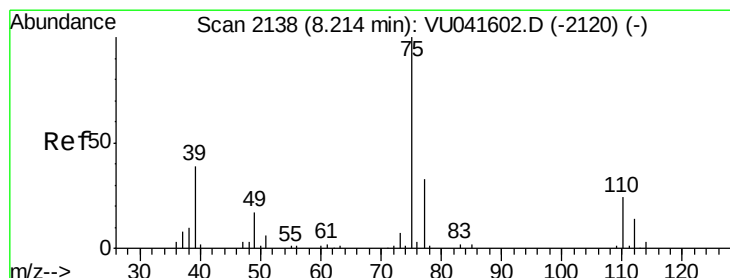
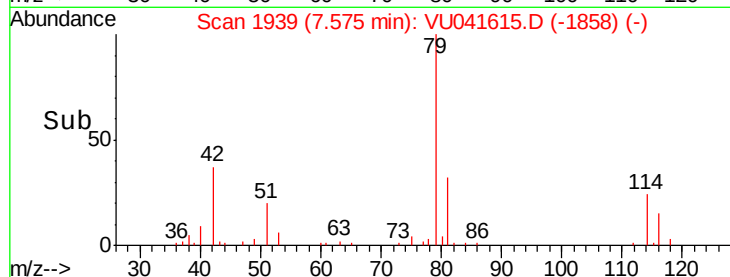
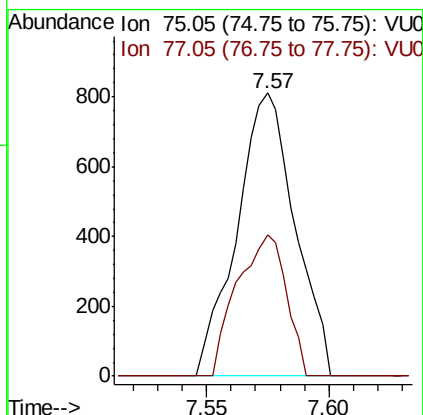
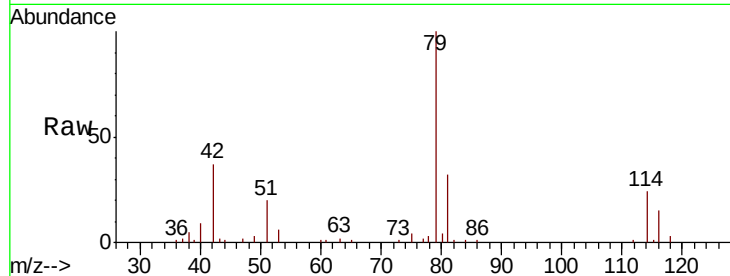


#39

cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

Instrument :
MSVOA_U
ClientSampleId :
GB1J4

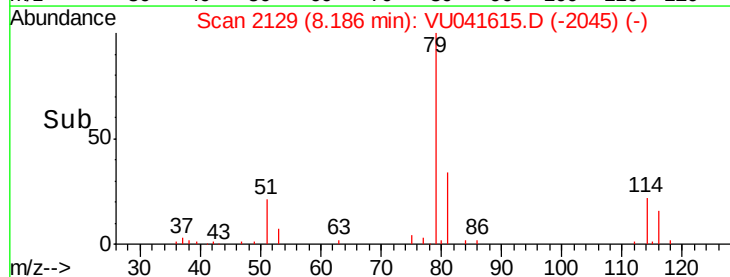
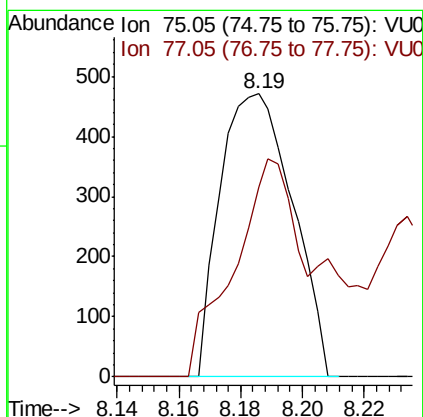
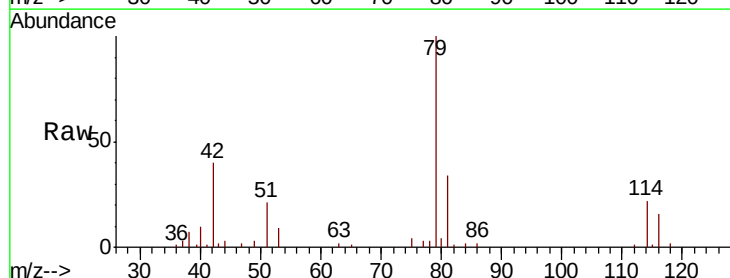
Tot Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
77 49.8 22.3 41.3#

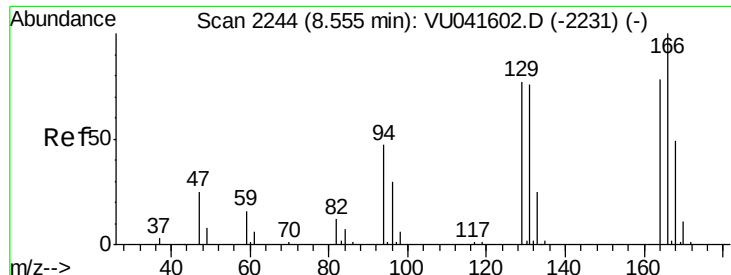


#44

trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 75 Resp: 768
Ion Ratio Lower Upper
75 100
77 67.3 23.8 44.2#

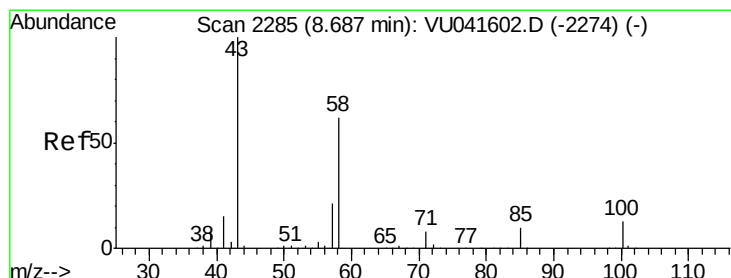
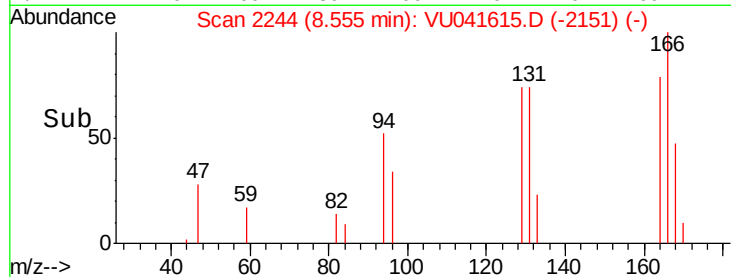
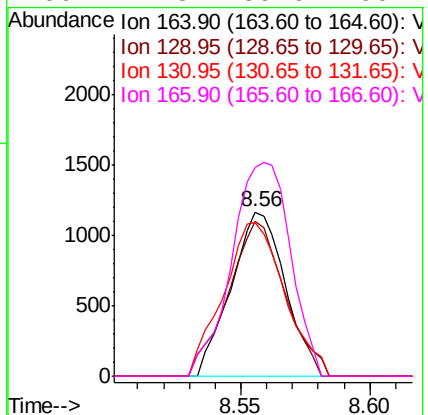
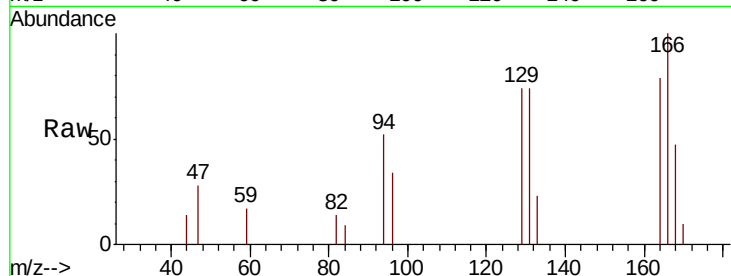




#47
Tetrachloroethene
Concen: 0.238 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

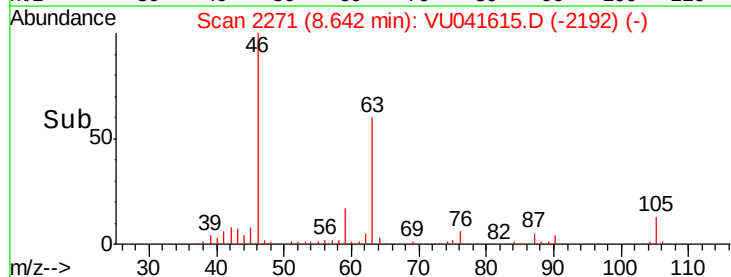
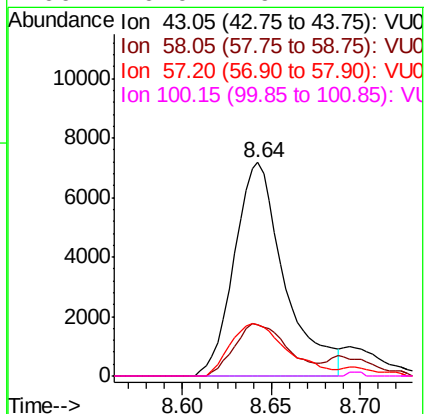
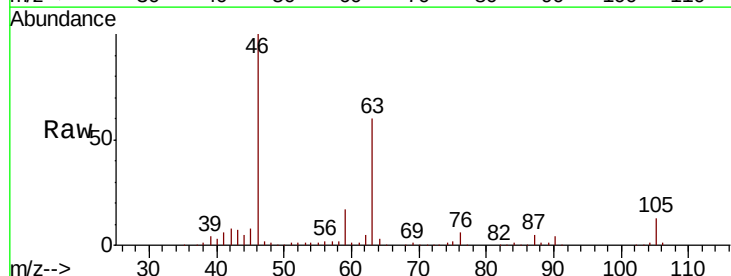
Instrument :
MSVOA_U
ClientSampleId :
GB1J4

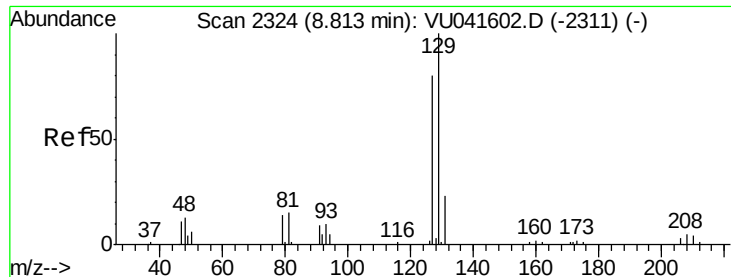
Tot Ion:164 Resp: 1729
Ion Ratio Lower Upper
164 100
129 94.7 72.2 134.0
131 93.9 66.9 124.3
166 127.3 89.6 166.4



#48
2-Hexanone
Concen: 2.567 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.04 min
Lab File: VU041615.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 14063
Ion Ratio Lower Upper
43 100
58 26.3 47.9 71.9#
57 27.8 16.5 24.7#
100 0.0 9.4 14.2#





#49

Dibromochloromethane

Concen: 0.184 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041615.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_U

ClientSampleId :

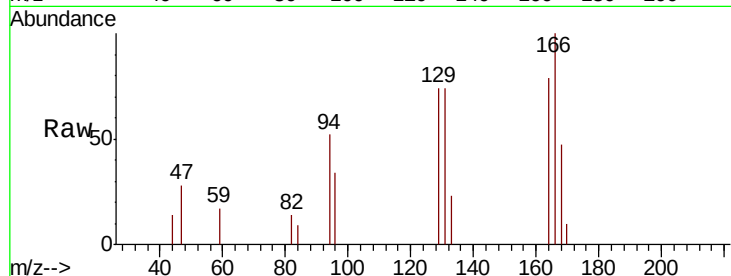
GB1J4

Tot Ion:129 Resp: 1657

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

1200

1000

800

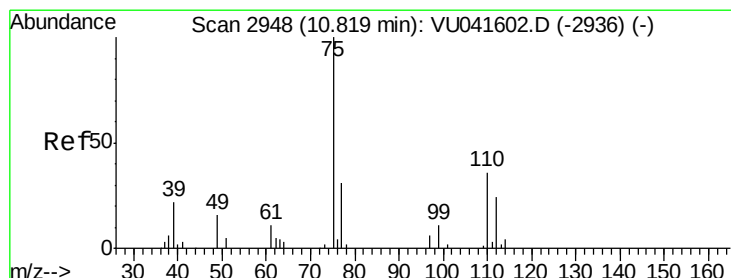
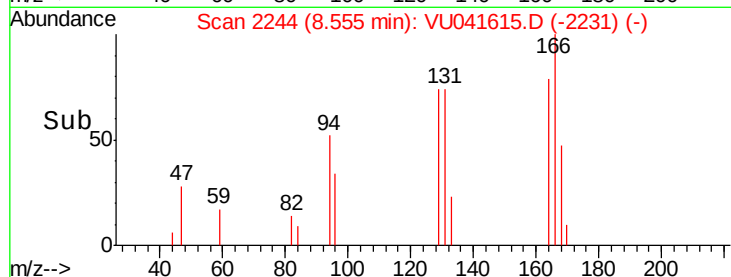
600

400

200

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 0.814 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041615.D

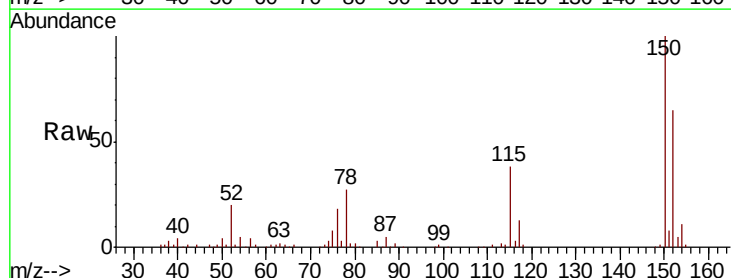
Acq: 14 Dec 2020 17:02

Tgt Ion: 75 Resp: 6465

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

5000

4000

3000

2000

1000

0

Time--> 11.75 11.80 11.85

