

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041567.D
 Acq On : 11 Dec 2020 04:12
 Operator : SY/MD
 Sample : L5027-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H9

Quant Time: Dec 11 07:36:36 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	35724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22361	5.00	ug/L	0.00

System Monitoring Compounds

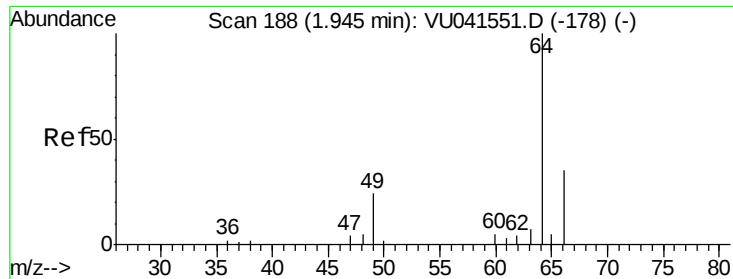
4) Vinyl Chloride-d3	1.60	65	9186	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.92	69	9146	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.58	63	18516	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.66	46	26158	38.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.04%
24) Chloroform-d	5.08	84	25031	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.72	65	17811	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	37962	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	10747	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.91	98	36944	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.19	79	5761	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	21103	36.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	12257	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	21134	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	81	0.051	ug/L #	45
13) Acetone	2.66	43	1818	3.394	ug/L	75
22) cis-1,2-Dichloroethene	4.69	96	513	0.219	ug/L	82
25) Chloroform	5.10	83	322	0.065	ug/L #	73
34) Trichloroethene	6.55	95	2088	0.771	ug/L	91
35) Methylcyclohexane	6.70	83	3788	1.026	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1773	0.844	ug/L #	84
39) cis-1,3-Dichloropropene	7.58	75	340	0.090	ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	330	0.087	ug/L #	59
45) 1,1,2-Trichloroethane	8.56	97	2827	1.395	ug/L #	55
47) Tetrachloroethene	8.56	164	276176	129.183	ug/L	98
48) 2-Hexanone	8.64	43	3149	2.327	ug/L #	71
49) Dibromochloromethane	8.56	129	264128	95.654	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	1884	0.924	ug/L #	82

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

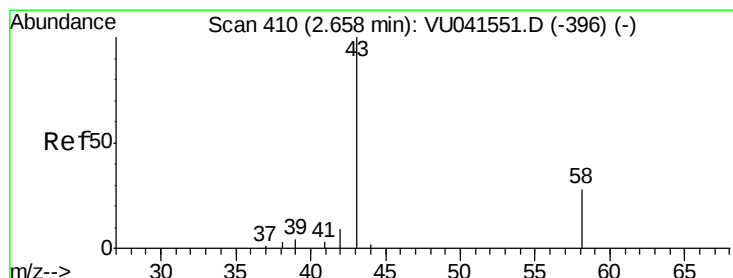
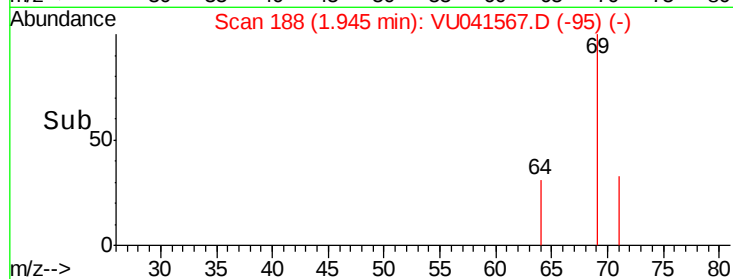
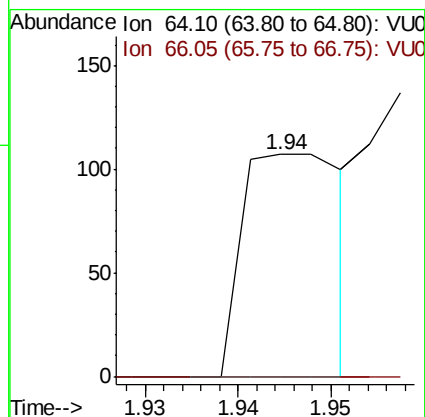
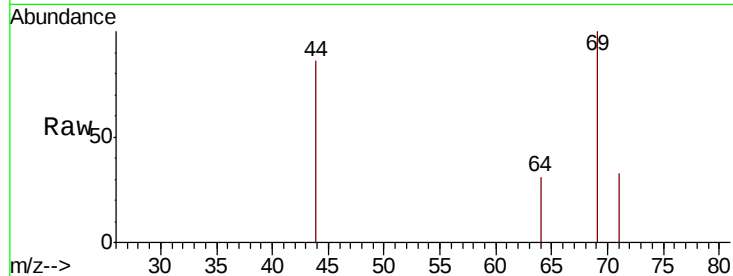
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121020\
Data File : VU041567.D
Acq On : 11 Dec 2020 04:12
Operator : SY/MD
Sample : L5027-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1



#8
Chloroethane
Concen: 0.051 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU041567.D
Acq: 11 Dec 2020 04:12

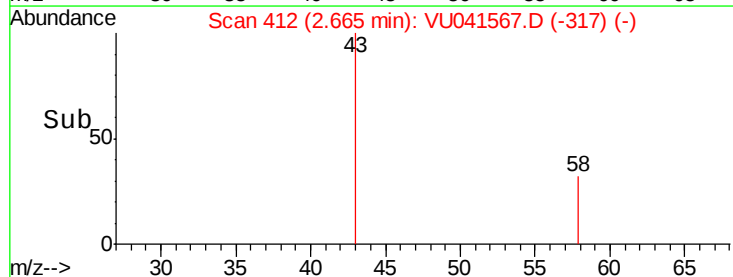
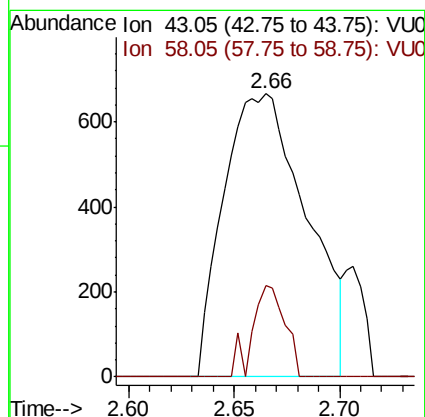
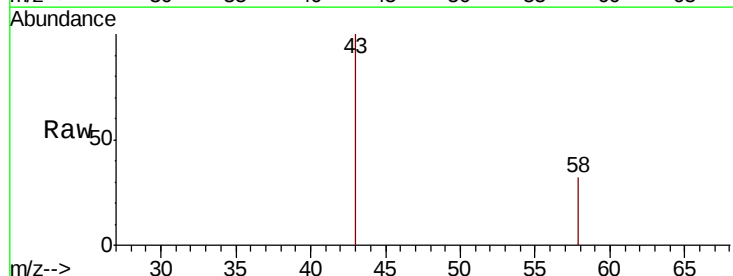
Instrument :
MSVOA_U
ClientSampled :
GB1H9

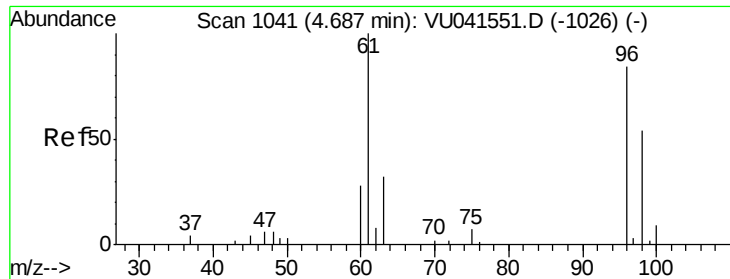
Tot Ion: 64 Resp: 81
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#13
Acetone
Concen: 3.394 ug/L
RT: 2.66 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041567.D
Acq: 11 Dec 2020 04:12

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 12.7 0.0 50.0

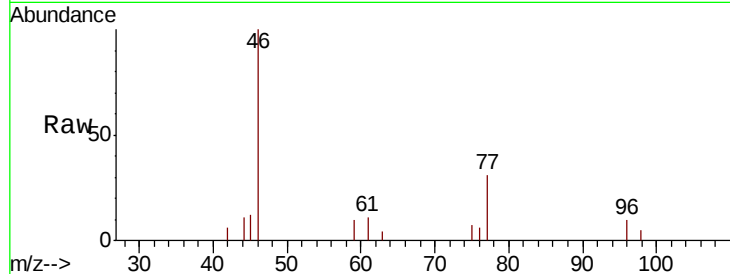




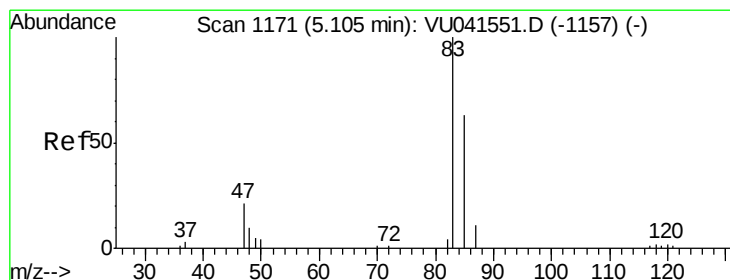
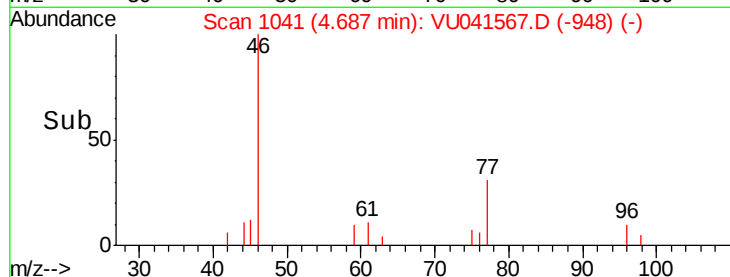
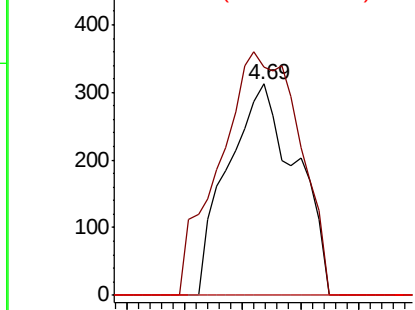
#22
 cis-1,2-Dichloroethene
 Concen: 0.219 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041567.D
 Acq: 11 Dec 2020 04:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H9

Tot Ion: 96 Resp: 513
 Ion Ratio Lower Upper
 96 100
 61 108.0 90.5 168.1
 68 0.0 0.0 0.0

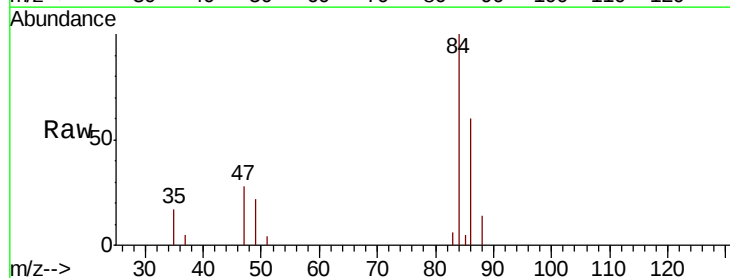


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

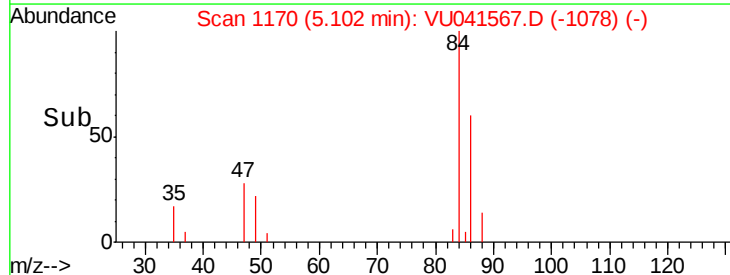
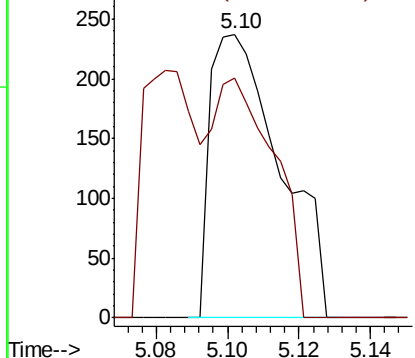


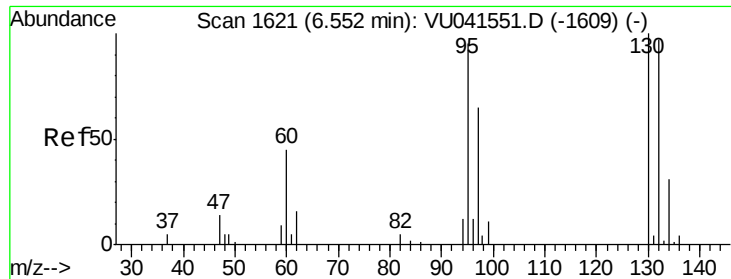
#25
 Chloroform
 Concen: 0.065 ug/L
 RT: 5.10 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: VU041567.D
 Acq: 11 Dec 2020 04:12

Tgt Ion: 83 Resp: 322
 Ion Ratio Lower Upper
 83 100
 85 84.8 44.7 82.9#



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

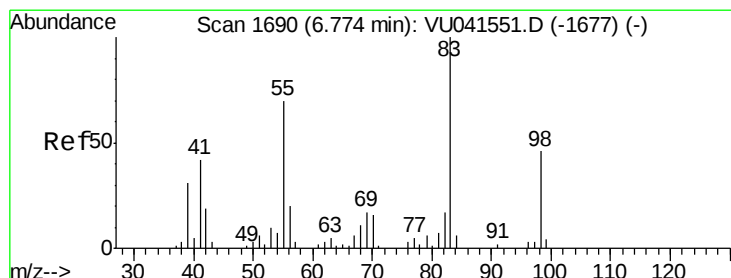
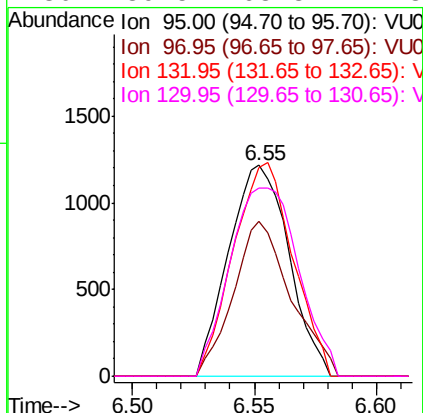
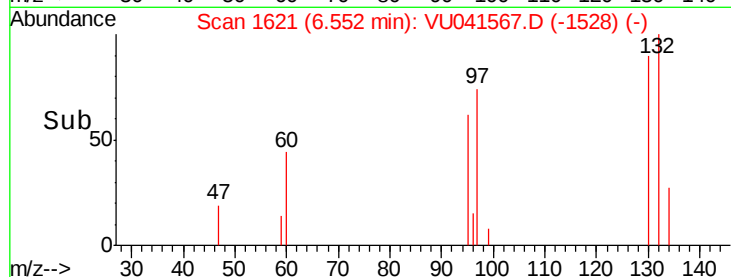
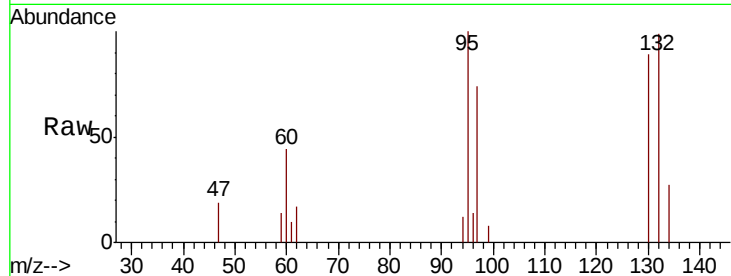




#34
 Trichloroethene
 Concen: 0.771 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041567.D
 Acq: 11 Dec 2020 04:12

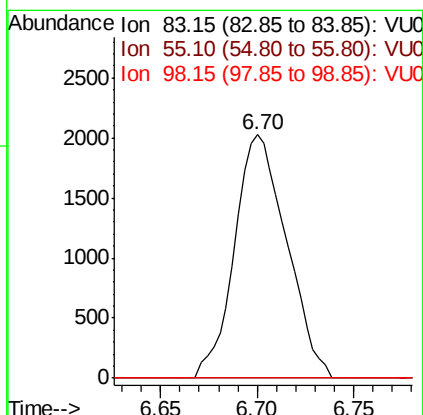
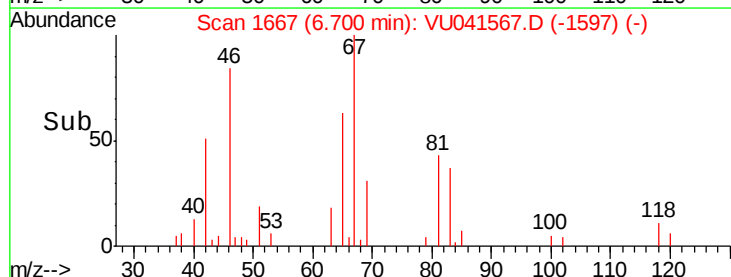
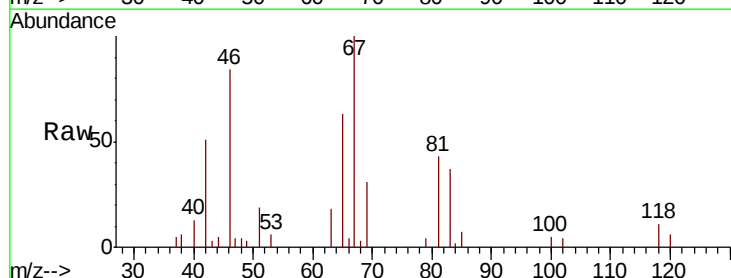
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1H9

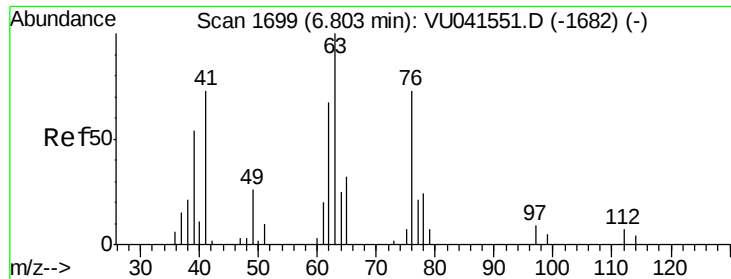
Tot Ion: 95 Resp: 2088
 Ion Ratio Lower Upper
 95 100
 97 73.7 44.7 83.1
 132 99.2 65.7 121.9
 130 89.5 68.8 127.8



#35
 Methylcyclohexane
 Concen: 1.026 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041567.D
 Acq: 11 Dec 2020 04:12

Tgt Ion: 83 Resp: 3788
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.1 93.1#
 98 0.0 38.7 58.1#

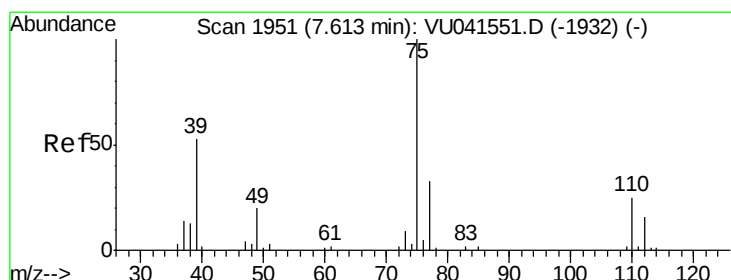
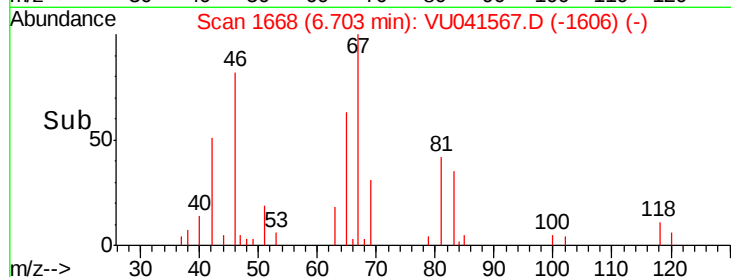
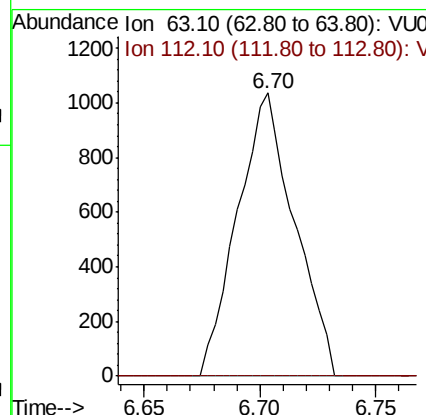
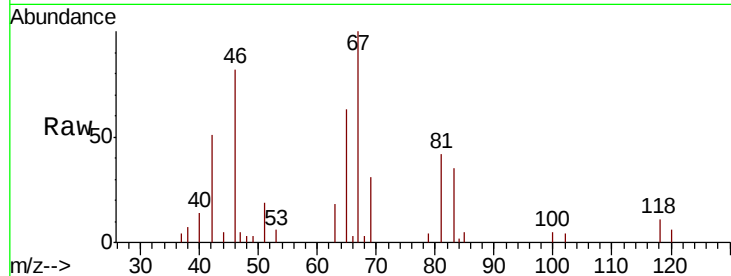




#37
 1,2-Dichloropropane
 Concen: 0.844 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041567.D
 Acq: 11 Dec 2020 04:12

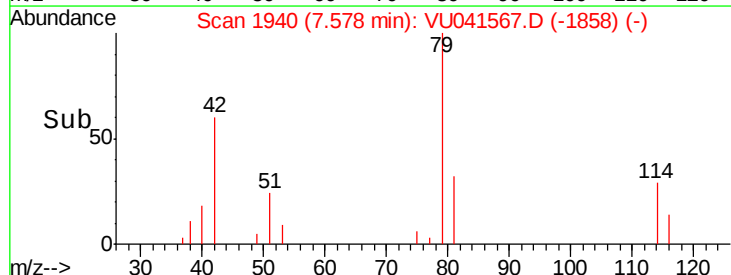
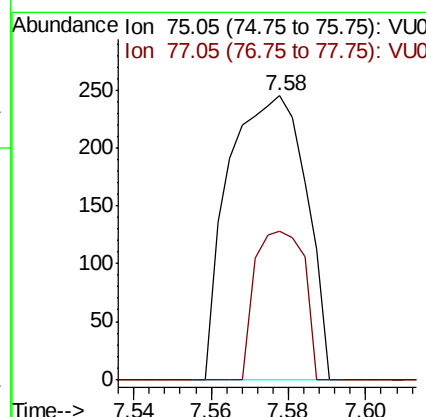
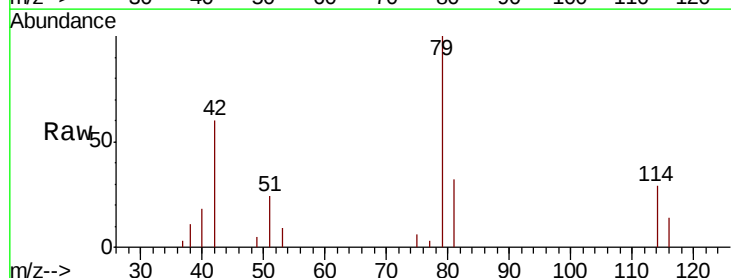
Instrument :
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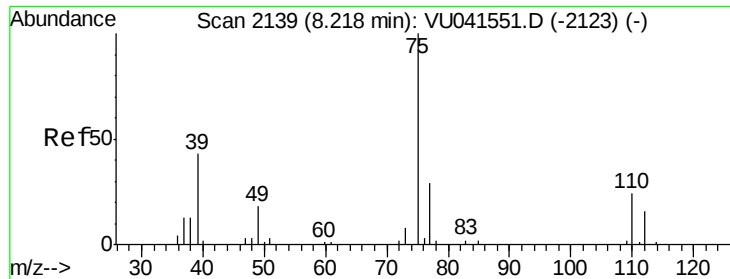
Tot Ion: 63 Resp: 1773
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041567.D
 Acq: 11 Dec 2020 04:12

Tgt Ion: 75 Resp: 340
 Ion Ratio Lower Upper
 75 100
 77 52.2 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041567.D

Acq: 11 Dec 2020 04:12

Instrument :

MSVOA_U

ClientSampleId :

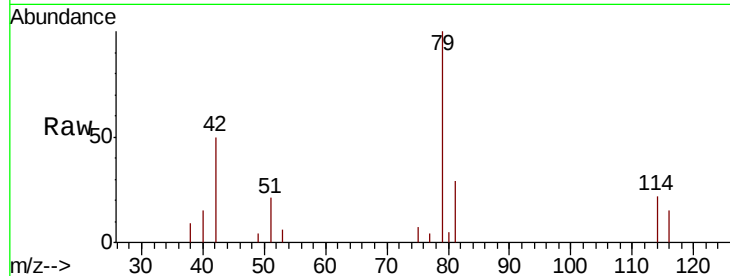
GB1H9

Tot Ion: 75 Resp: 330

Ion Ratio Lower Upper

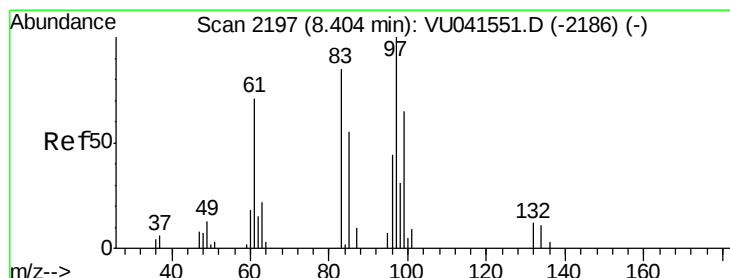
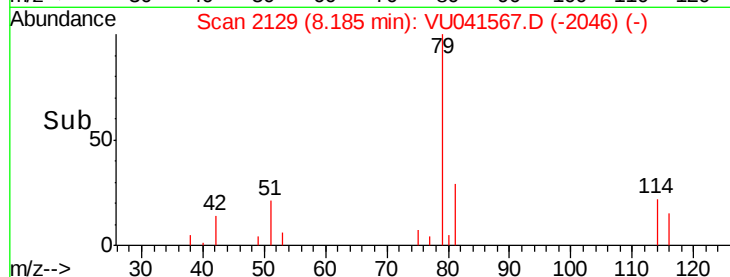
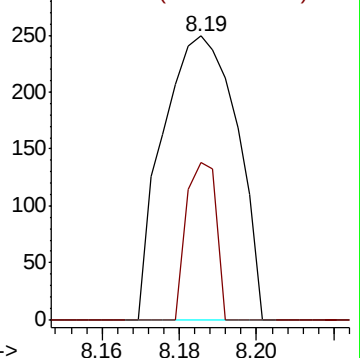
75 100

77 55.4 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#45

1,1,2-Trichloroethane

Concen: 1.395 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.15 min

Lab File: VU041567.D

Acq: 11 Dec 2020 04:12

Tgt Ion: 97 Resp: 2827

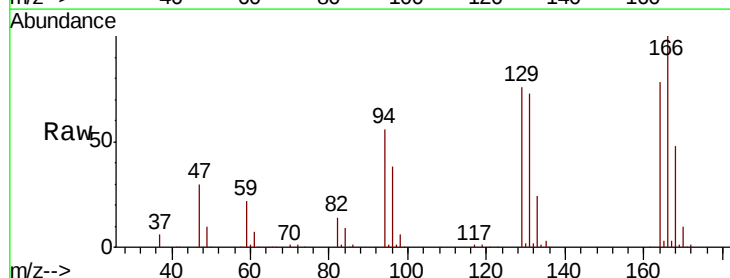
Ion Ratio Lower Upper

97 100

99 15.2 40.7 75.7#

83 117.3 56.2 104.4#

85 27.7 36.0 67.0#

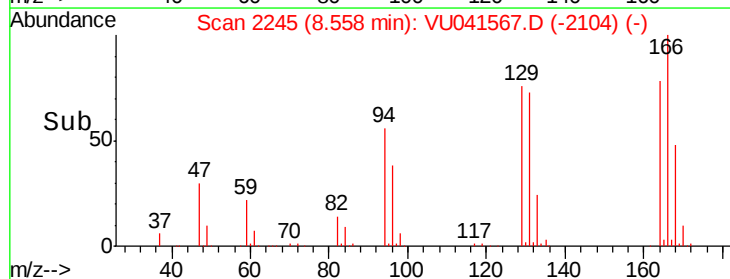
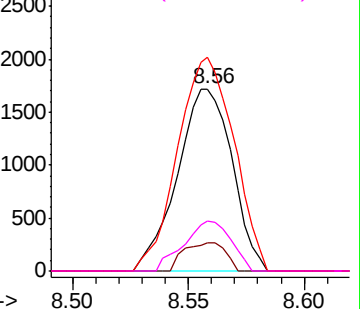


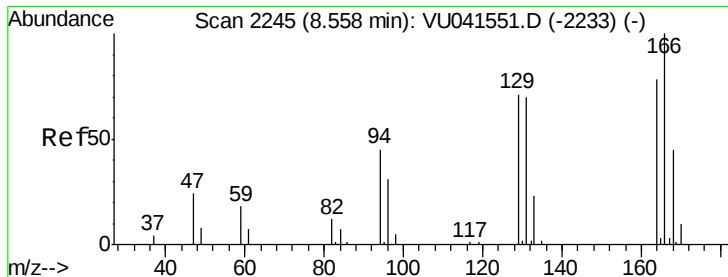
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

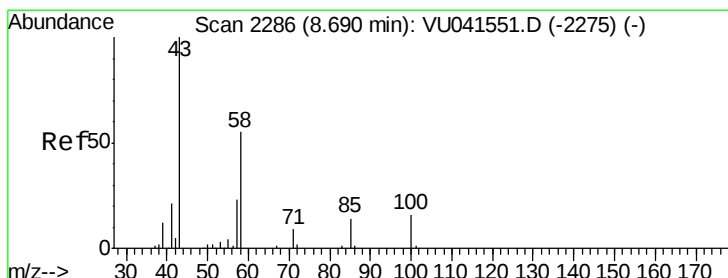
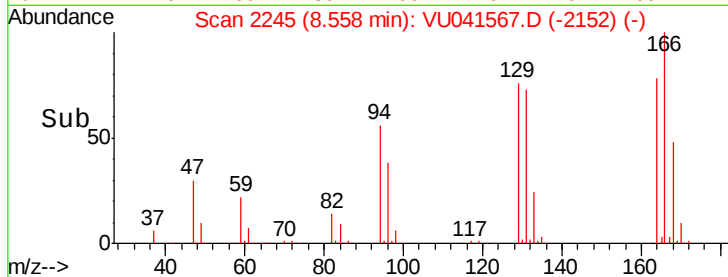
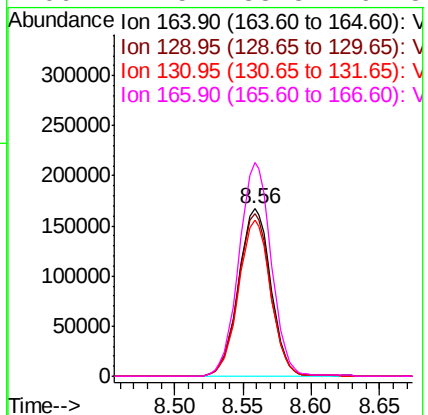
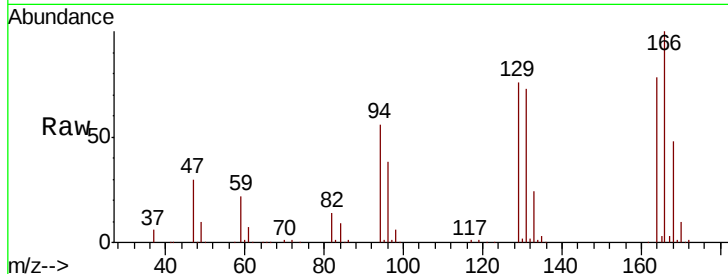




#47
Tetrachloroethene
Concen: 129.183 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU041567.D
Acq: 11 Dec 2020 04:12

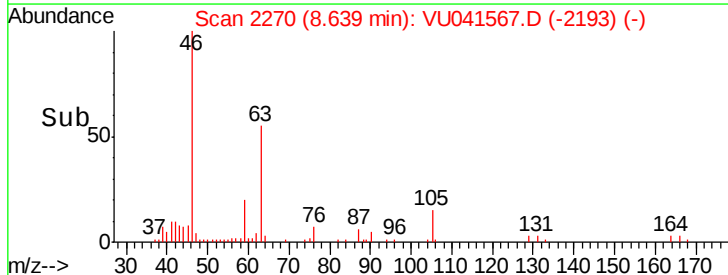
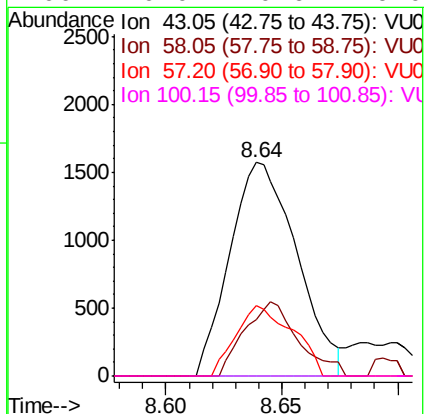
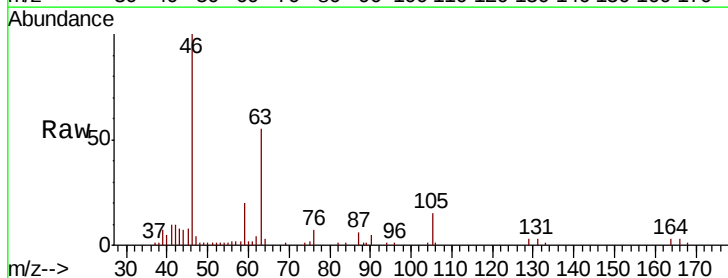
Instrument :
MSVOA_U
ClientSampleId :
GB1H9

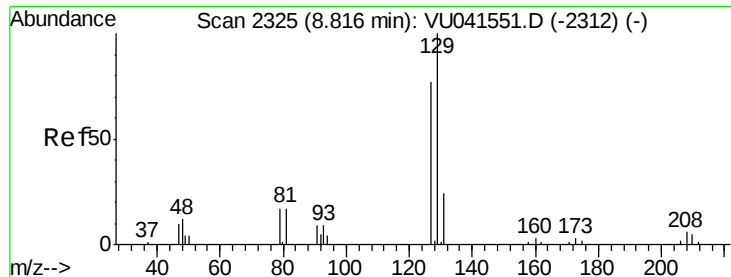
Tot Ion	Ratio	Lower	Upper
164	100		
129	97.4	67.1	124.7
131	93.5	63.3	117.7
166	127.5	88.8	164.8



#48
2-Hexanone
Concen: 2.327 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041567.D
Acq: 11 Dec 2020 04:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.0	41.4	62.0#
57	27.9	17.1	25.7#
100	0.0	10.6	16.0#





#49

Dibromochloromethane

Concen: 95.654 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU041567.D

Acq: 11 Dec 2020 04:12

Instrument :

MSVOA_U

ClientSampled :

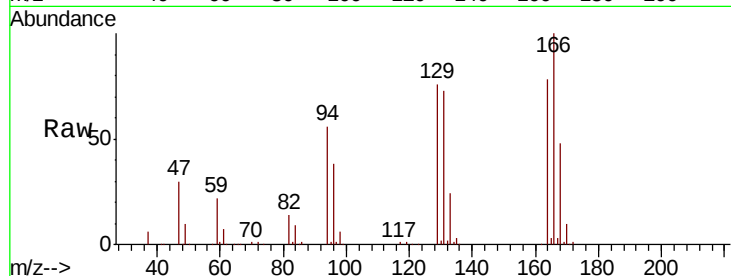
GB1H9

Tot Ion:129 Resp: 264128

Ion Ratio Lower Upper

129 100

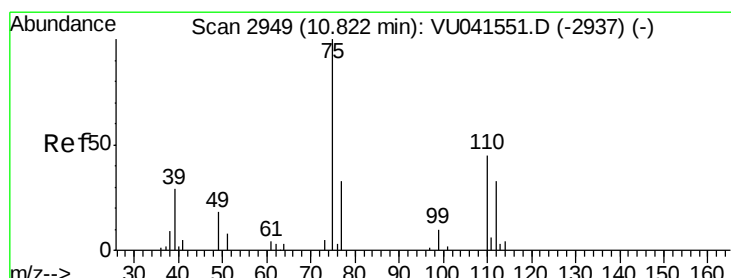
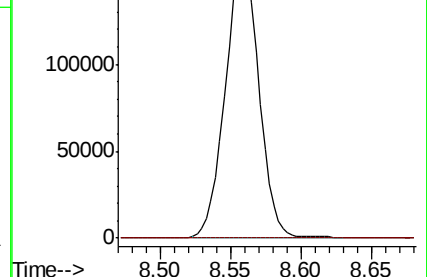
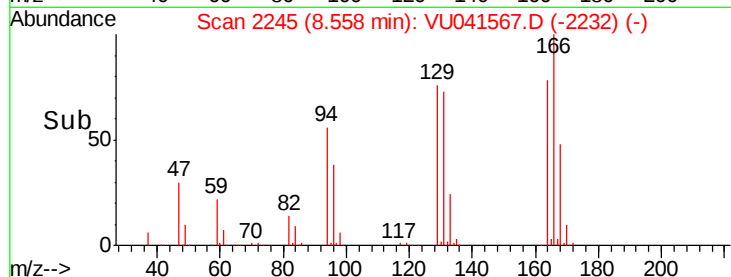
127 0.0 52.4 97.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56



#59

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041567.D

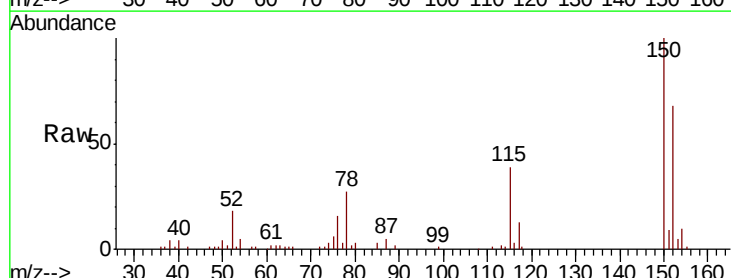
Acq: 11 Dec 2020 04:12

Tgt Ion: 75 Resp: 1884

Ion Ratio Lower Upper

75 100

77 43.3 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

