

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040362.D
 Acq On : 29 Sep 2020 16:28
 Operator : SY/MD
 Sample : L4164-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AD9

Quant Time: Sep 30 01:52:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28447	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.92	69	27426	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	46687	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.65	46	155304	50.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.18%
24) Chloroform-d	5.08	84	71025	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	44728	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.75	84	126895	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	46995	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	98979	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.19	79	17021	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	110539	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43289	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46375	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

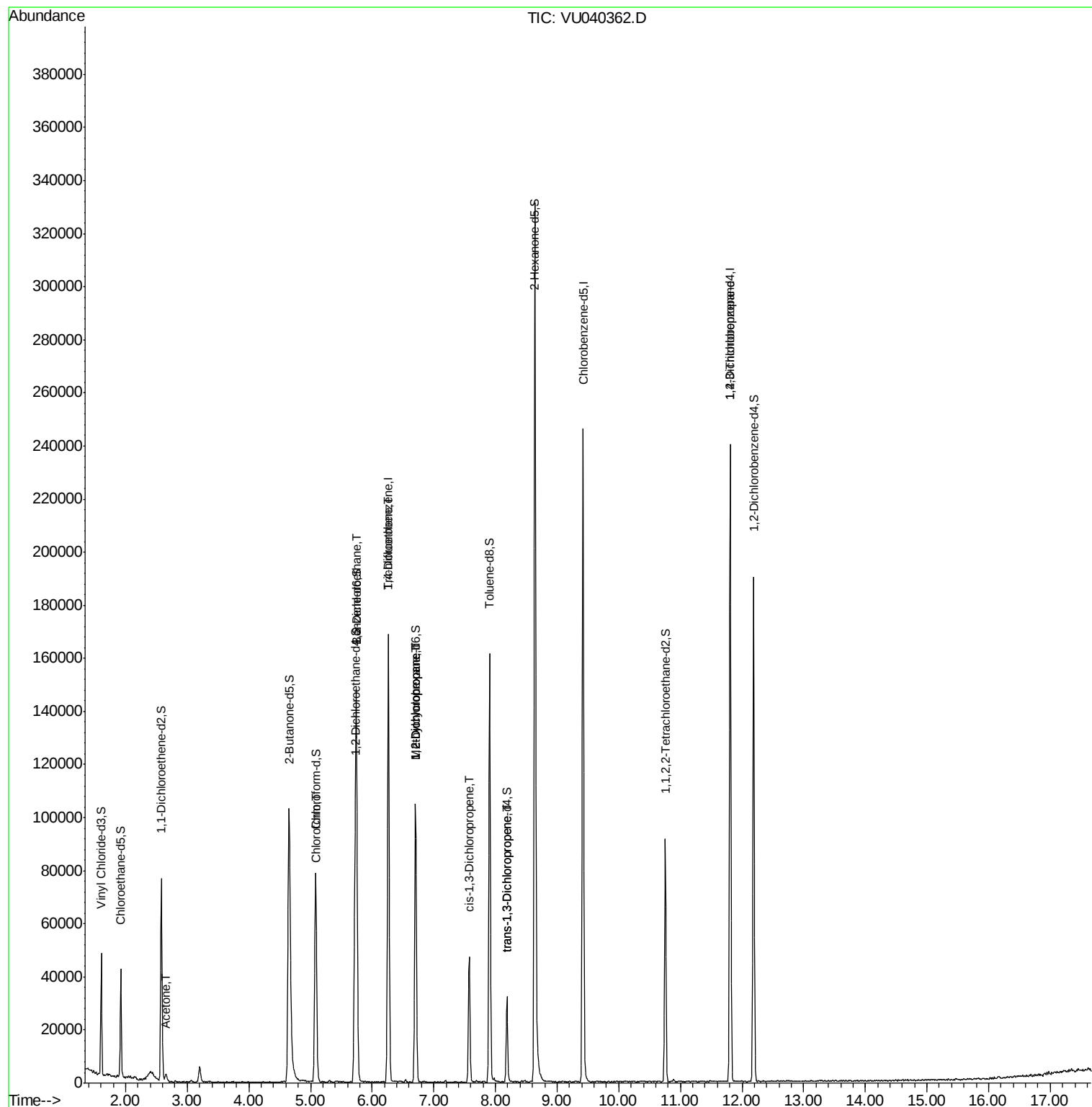
					Ovalue
13) Acetone	2.65	43	4370	1.691 ug/L	98
25) Chloroform	5.10	83	2205	0.106 ug/L	95
27) 1,2-Dichloroethane	5.75	62	777	0.054 ug/L #	74
34) Trichloroethene	6.27	95	2307	0.203 ug/L #	8
35) Methylcyclohexane	6.70	83	10999	0.659 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4984	0.417 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1185	0.074 ug/L #	51
44) trans-1,3-Dichloropropene	8.19	75	866	0.059 ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	7832	0.905 ug/L	96

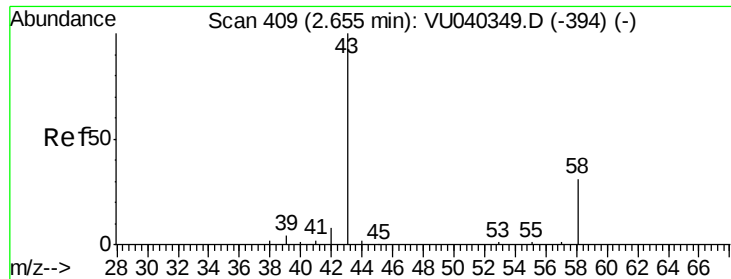
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 01:43:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.691 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040362.D

Acq: 29 Sep 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

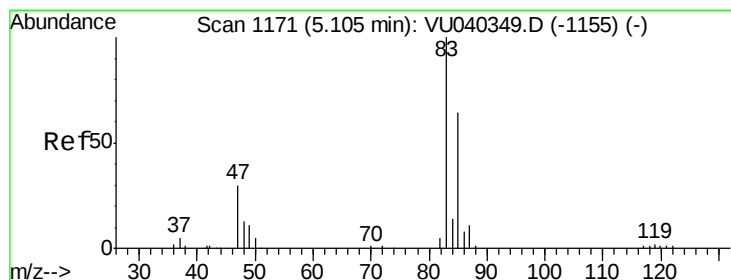
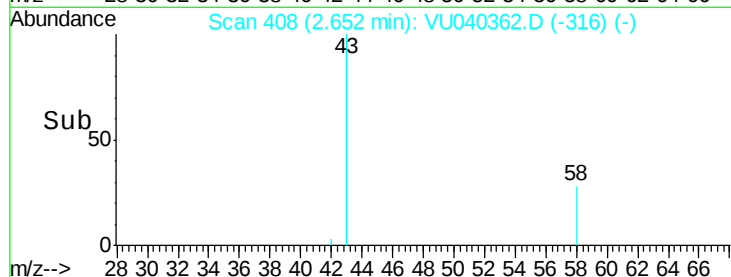
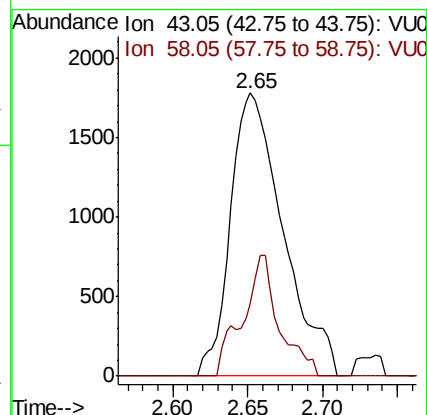
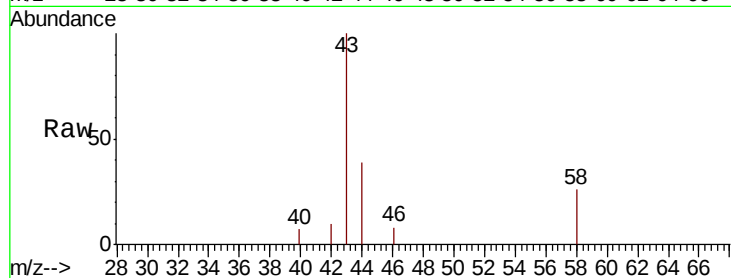
E0AD9

Tot Ion: 43 Resp: 4370

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.8



#25

Chloroform

Concen: 0.106 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040362.D

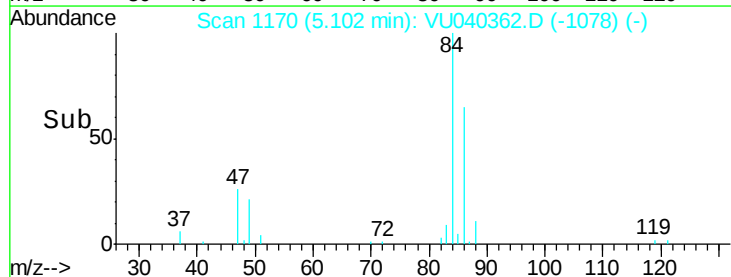
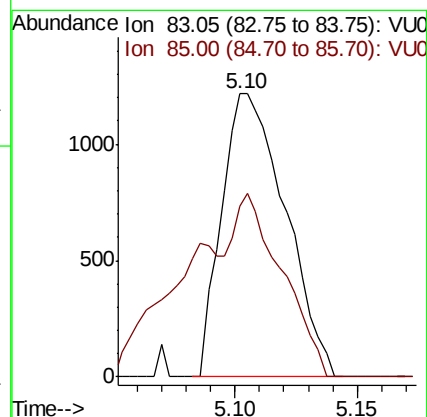
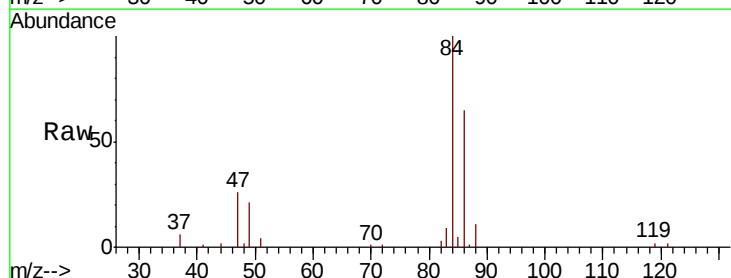
Acq: 29 Sep 2020 16:28

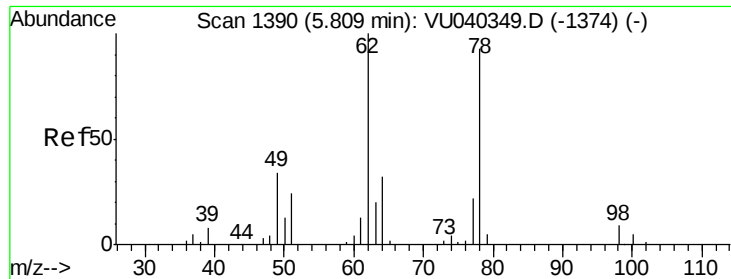
Tgt Ion: 83 Resp: 2205

Ion Ratio Lower Upper

83 100

85 60.1 44.6 82.8

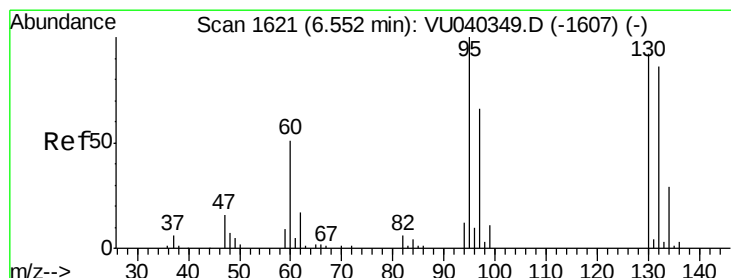
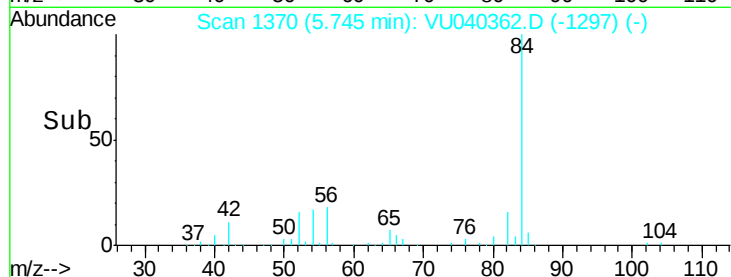
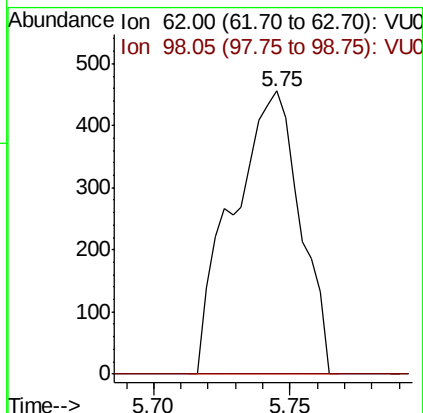
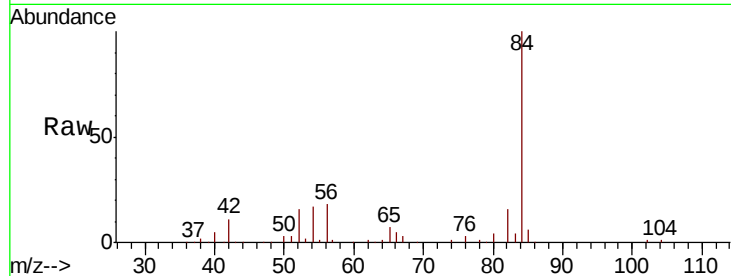




#27
 1,2-Dichloroethane
 Concen: 0.054 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040362.D
 Acq: 29 Sep 2020 16:28

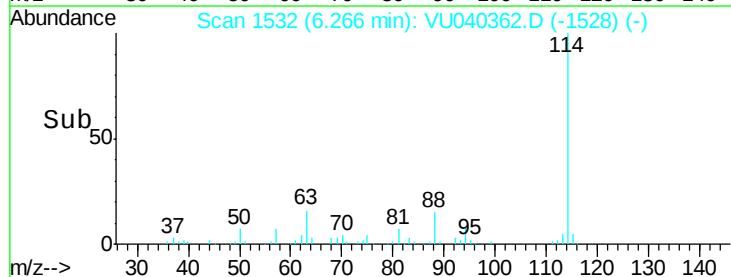
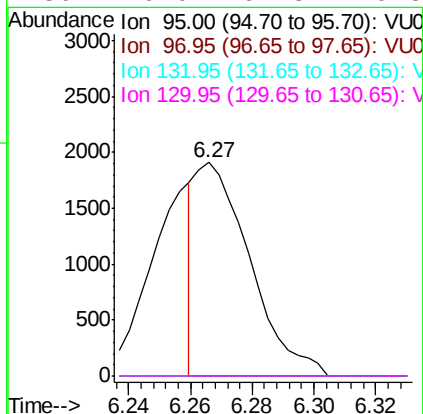
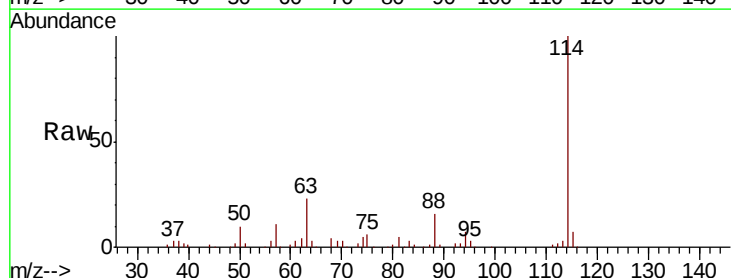
Instrument :
 MSVOA_U
 ClientSampled :
 E0AD9

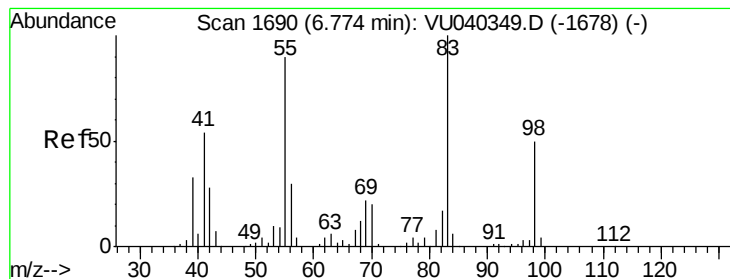
Tot Ion: 62 Resp: 777
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#34
 Trichloroethene
 Concen: 0.203 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040362.D
 Acq: 29 Sep 2020 16:28

Tgt Ion: 95 Resp: 2307
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 60.5 112.3#
 130 0.0 64.3 119.3#





#35

Methvlcvclohexane

Concen: 0.659 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040362.D

Acq: 29 Sep 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

E0AD9

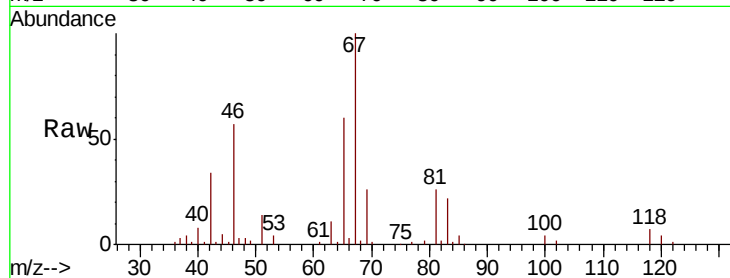
Tot Ion: 83 Resp: 10999

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

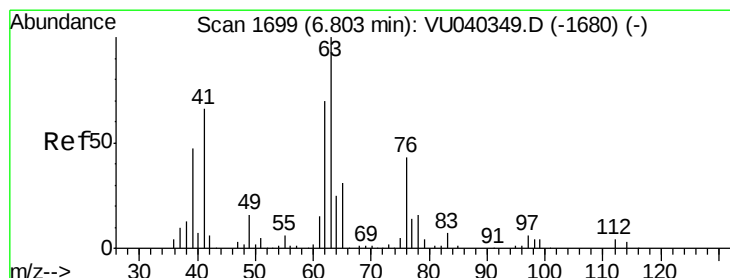
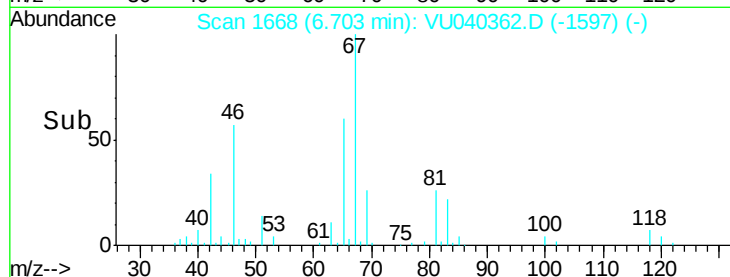
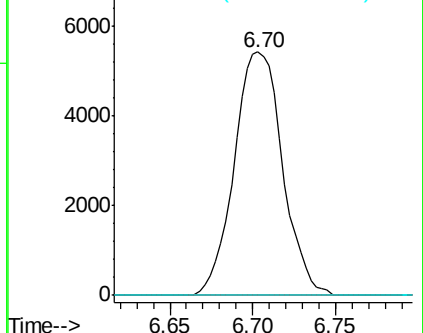
98 0.2 38.5 57.7#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.417 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040362.D

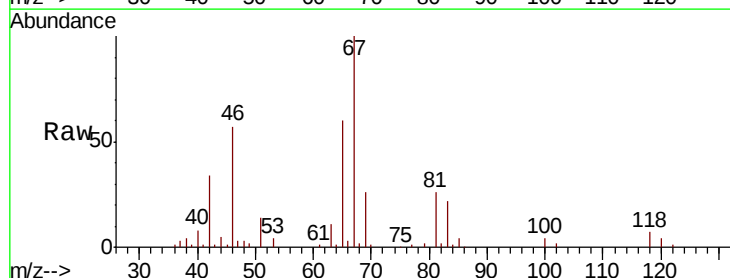
Acq: 29 Sep 2020 16:28

Tgt Ion: 63 Resp: 4984

Ion Ratio Lower Upper

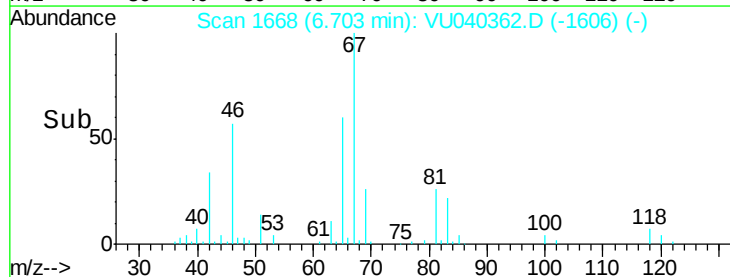
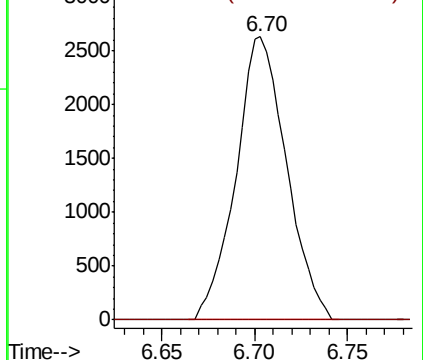
63 100

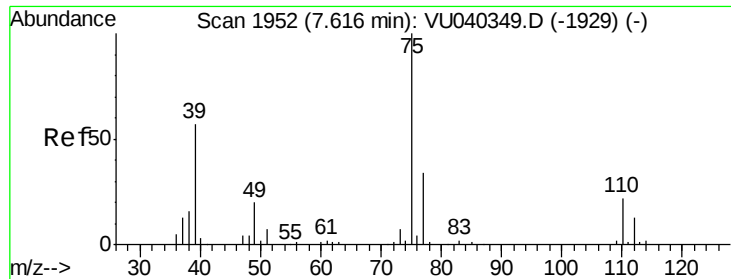
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

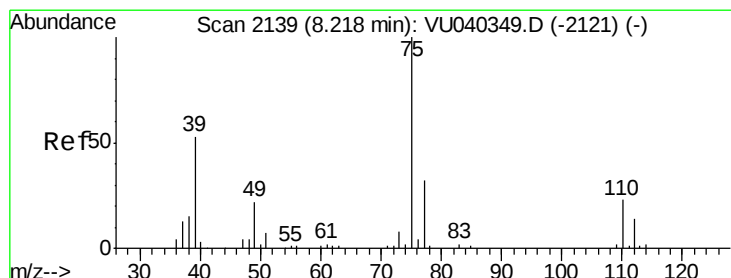
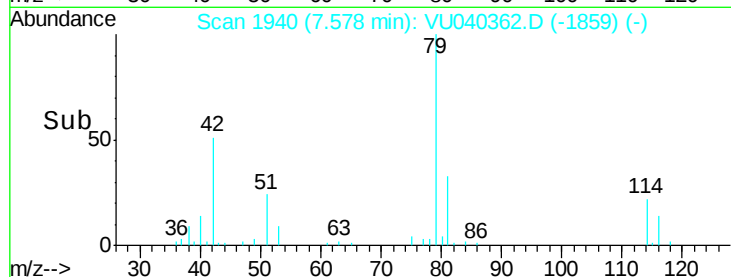
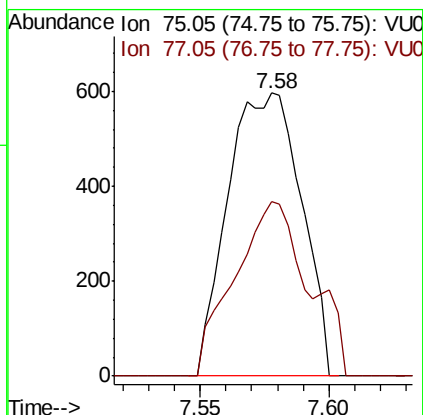
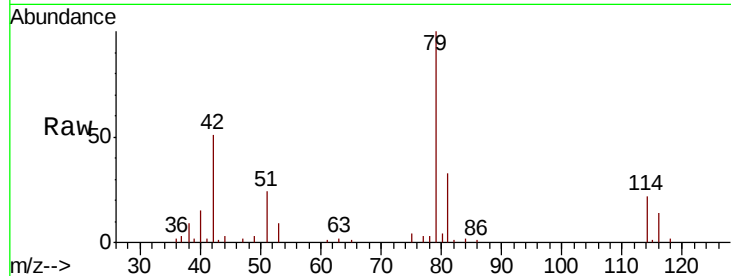




#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040362.D
 Acq: 29 Sep 2020 16:28

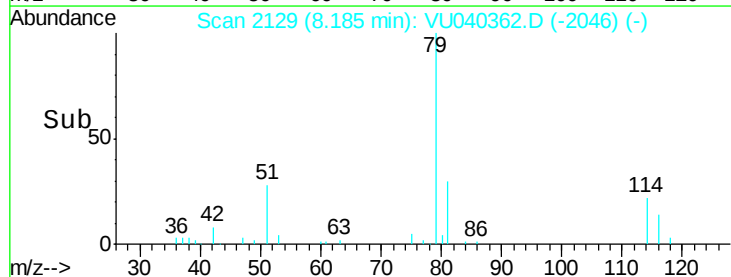
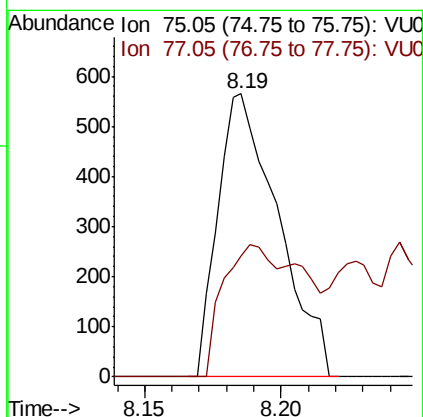
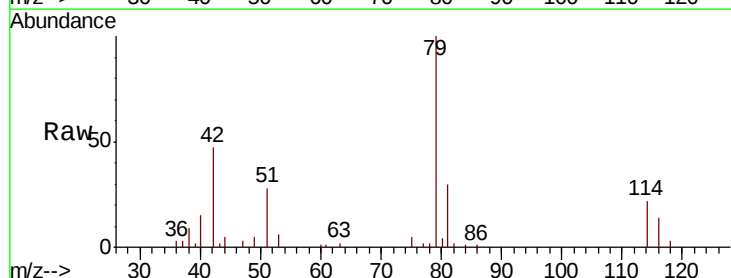
Instrument :
 MSVOA_U
 ClientSampleId :
 E0AD9

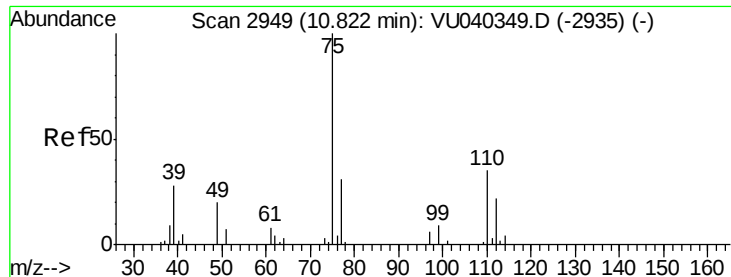
Tot Ion: 75 Resp: 1185
 Ion Ratio Lower Upper
 75 100
 77 61.5 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.059 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040362.D
 Acq: 29 Sep 2020 16:28

Tgt Ion: 75 Resp: 866
 Ion Ratio Lower Upper
 75 100
 77 42.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.905 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040362.D

Acq: 29 Sep 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

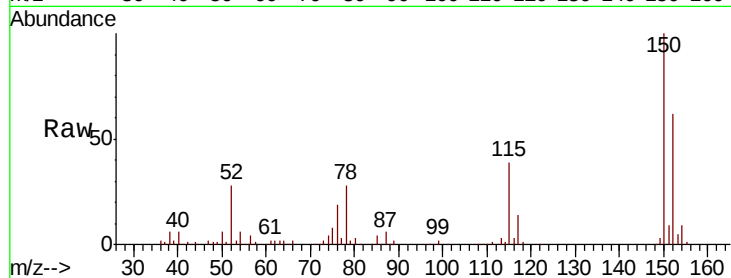
E0AD9

Tot Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

77 34.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

