

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040359.D
 Acq On : 29 Sep 2020 15:18
 Operator : SY/MD
 Sample : L4164-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AD8

Quant Time: Sep 30 01:52:02 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	131168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30455	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.92	69	29084	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	49209	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	164011	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	5.08	84	72528	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	46098	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.75	84	132036	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	47463	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	102024	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	18091	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	117816	50.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46166	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48945	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

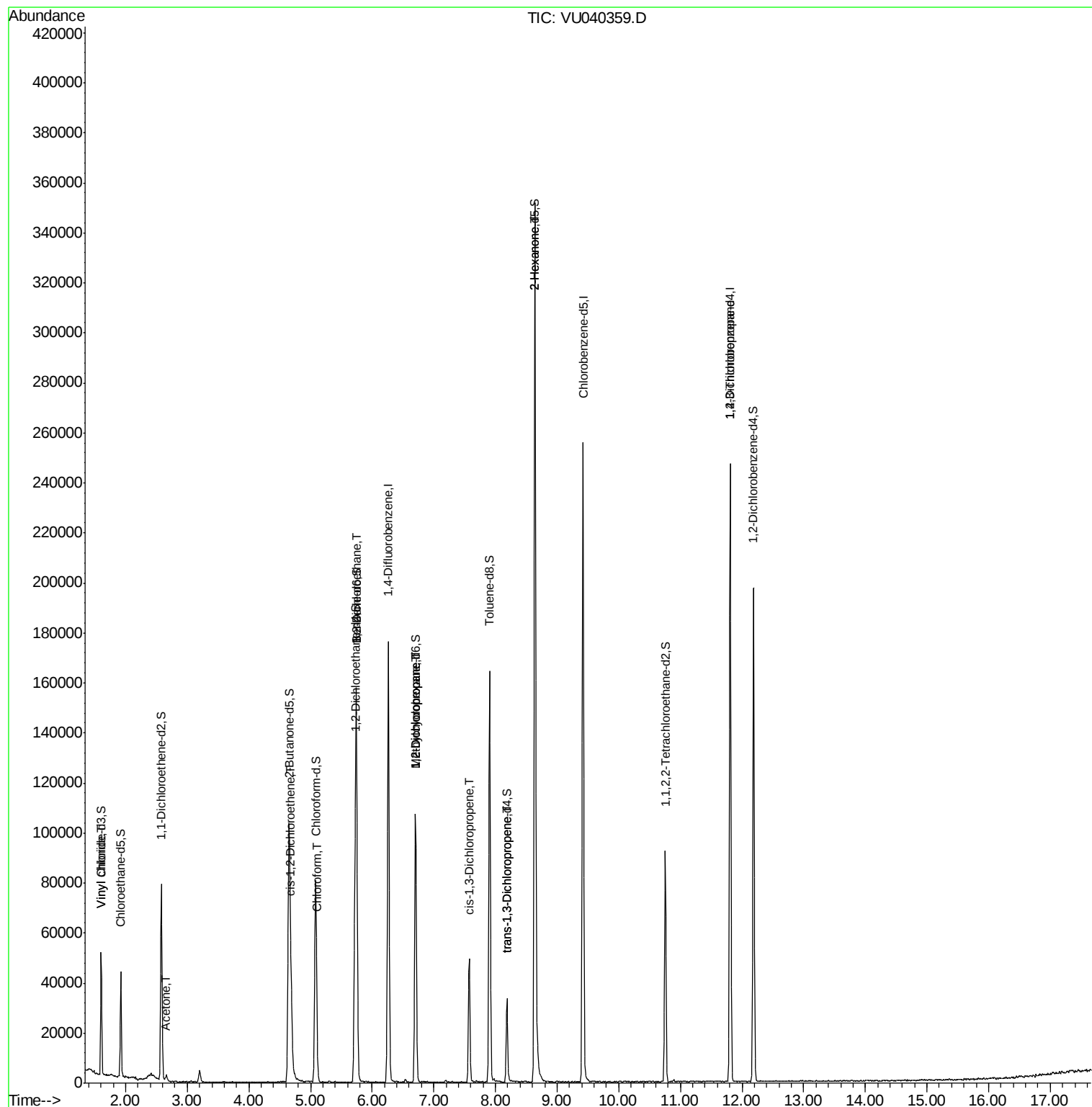
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	2222	0.175	ug/L #	74
13) Acetone	2.66	43	4185	1.557	ug/L	73
22) cis-1,2-Dichloroethene	4.69	96	6689	0.585	ug/L	89
25) Chloroform	5.11	83	2919	0.135	ug/L	92
27) 1,2-Dichloroethane	5.75	62	919	0.061	ug/L #	74
35) Methylcyclohexane	6.70	83	11477	0.663	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5389	0.435	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1382	0.083	ug/L #	81
44) trans-1,3-Dichloropropene	8.18	75	819	0.053	ug/L	86
48) 2-Hexanone	8.64	43	16493	2.308	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	8457	0.942	ug/L	89

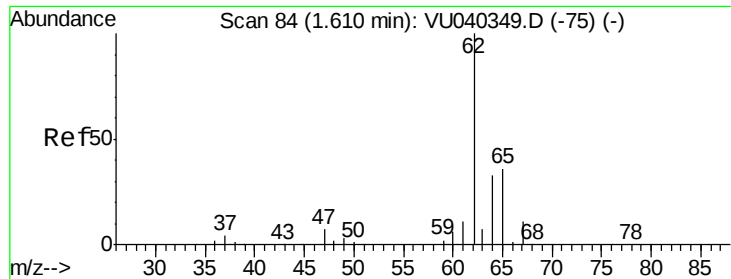
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.175 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040359.D

Acq: 29 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

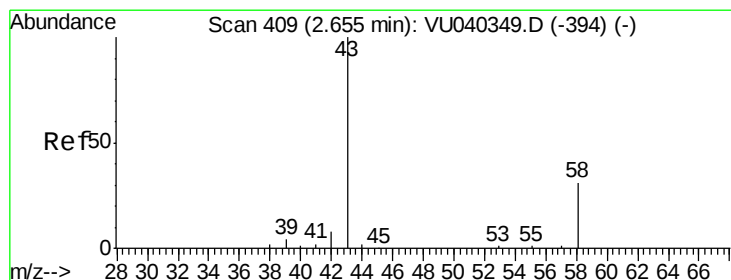
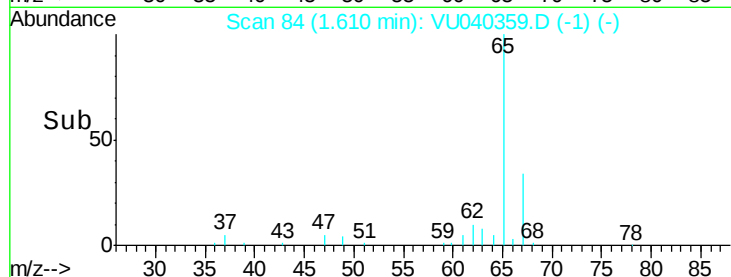
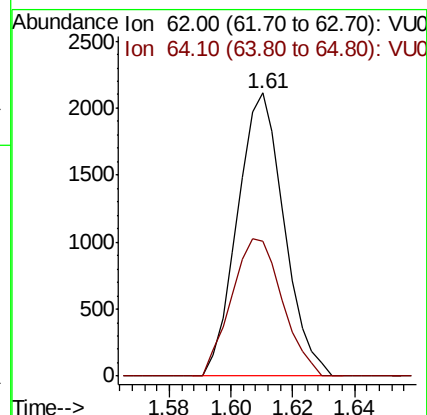
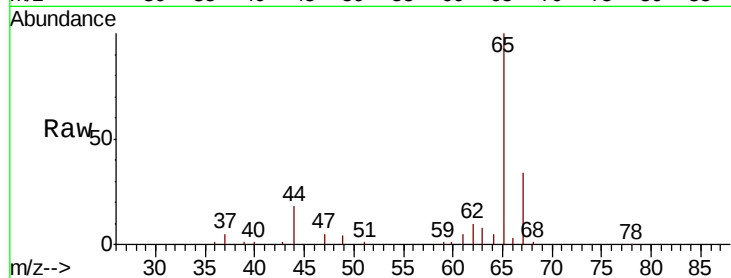
E0AD8

Tot Ion: 62 Resp: 2222

Ion Ratio Lower Upper

62 100

64 47.5 23.0 42.8#



#13

Acetone

Concen: 1.557 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040359.D

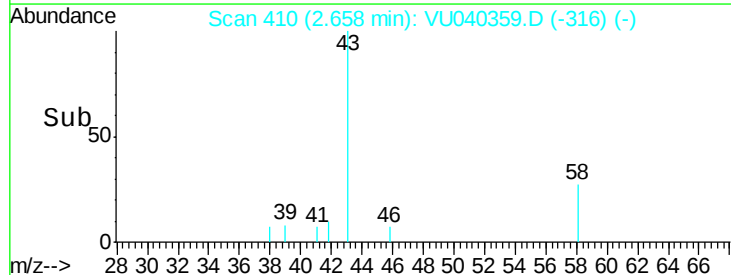
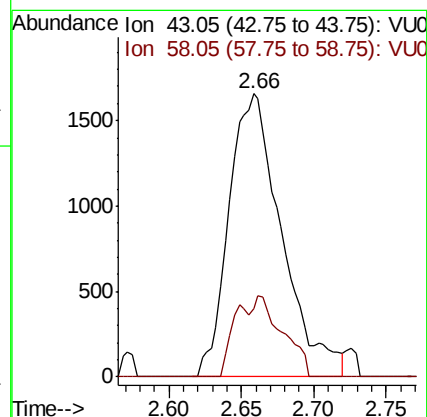
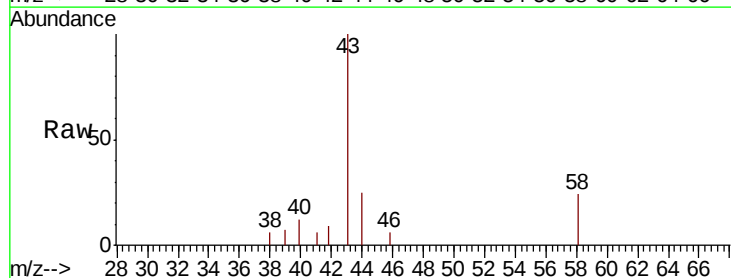
Acq: 29 Sep 2020 15:18

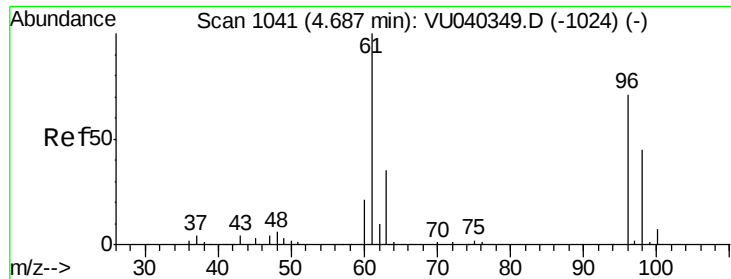
Tgt Ion: 43 Resp: 4185

Ion Ratio Lower Upper

43 100

58 16.3 0.0 61.8

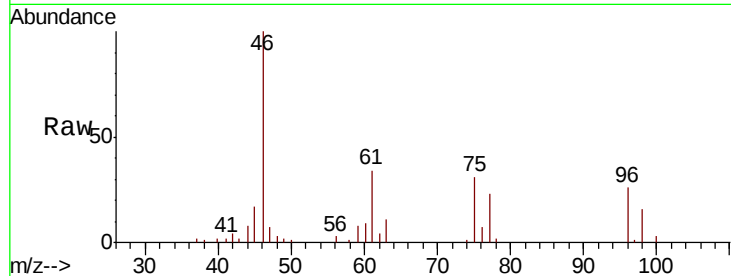




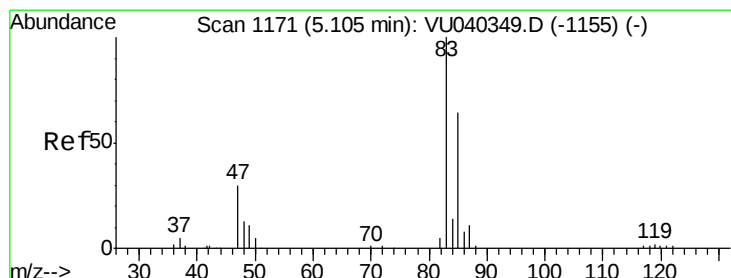
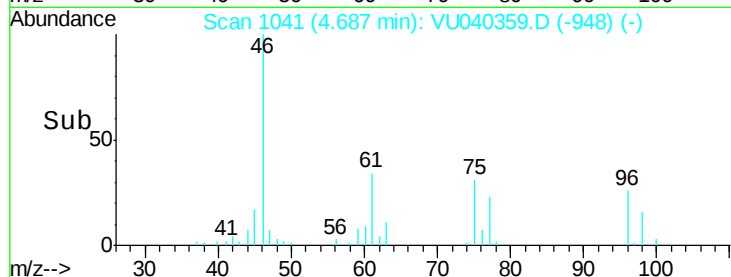
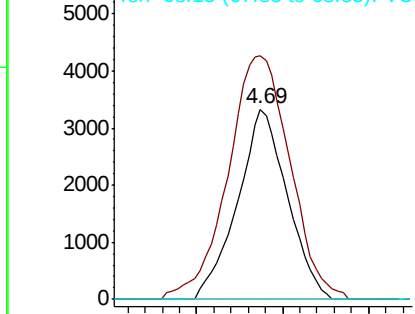
#22
 cis-1,2-Dichloroethene
 Concen: 0.585 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040359.D
 Acq: 29 Sep 2020 15:18

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AD8

Tot Ion: 96 Resp: 6689
 Ion Ratio Lower Upper
 96 100
 61 128.3 99.3 184.5
 68 0.0 0.0 0.0

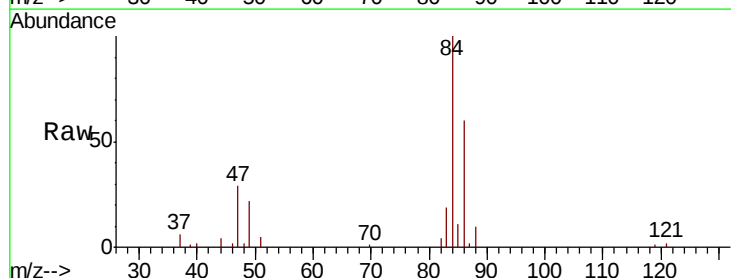


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

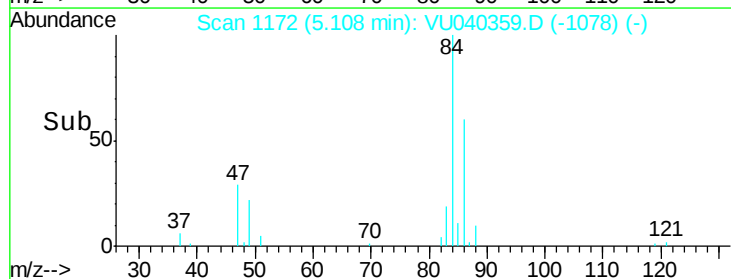
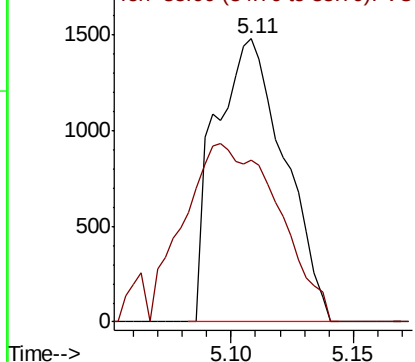


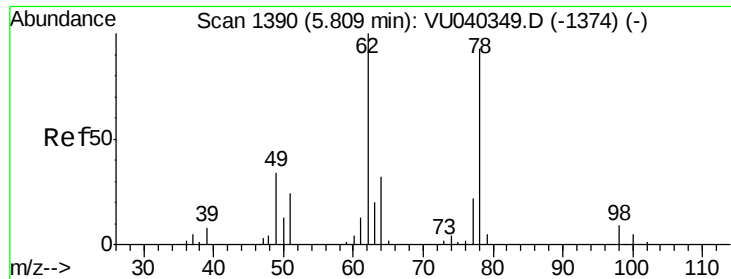
#25
 Chloroform
 Concen: 0.135 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU040359.D
 Acq: 29 Sep 2020 15:18

Tgt Ion: 83 Resp: 2919
 Ion Ratio Lower Upper
 83 100
 85 57.3 44.6 82.8



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

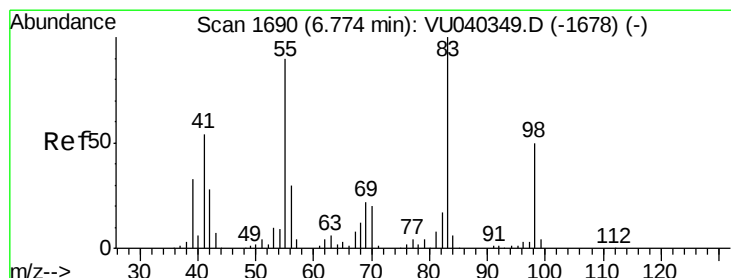
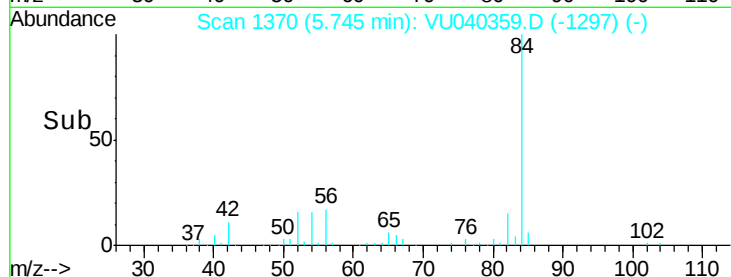
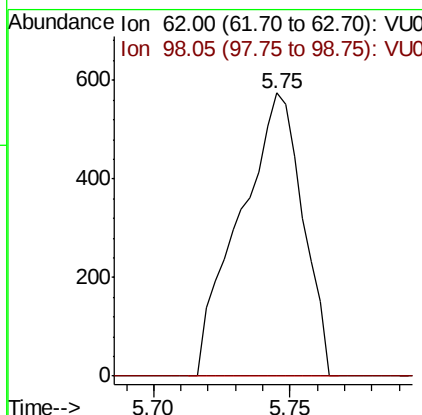
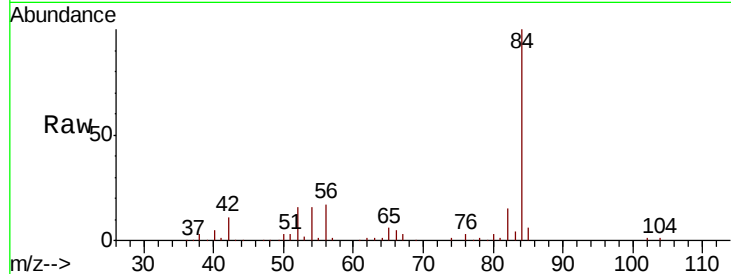




#27
 1,2-Dichloroethane
 Concen: 0.061 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040359.D
 Acq: 29 Sep 2020 15:18

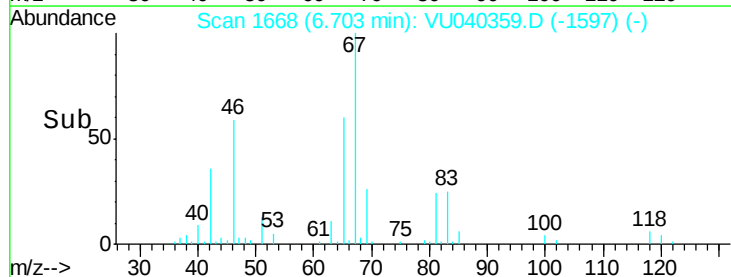
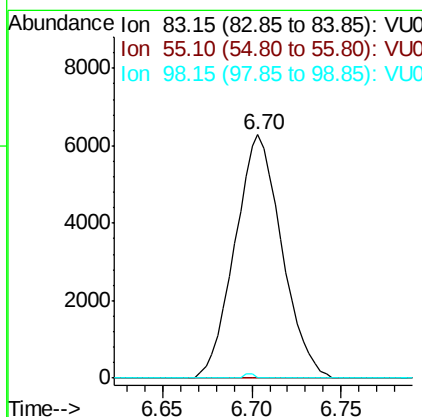
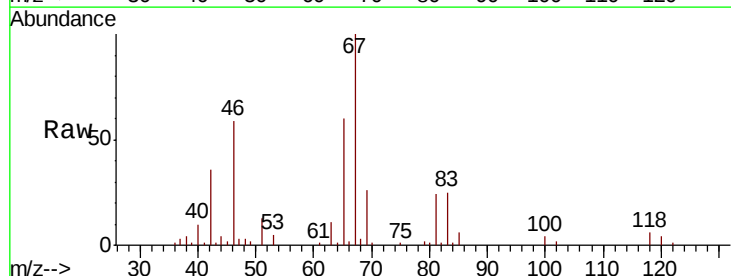
Instrument :
 MSVOA_U
 ClientSampleId :
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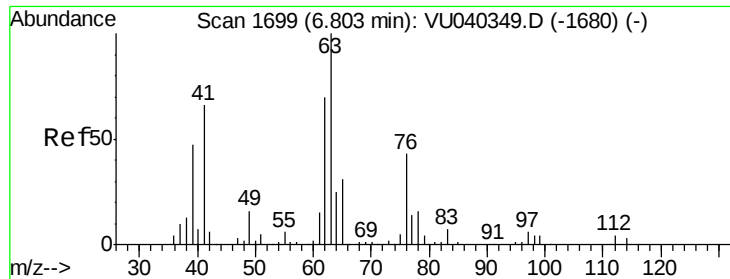
Tot Ion: 62.00 Resp: 919
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.663 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040359.D
 Acq: 29 Sep 2020 15:18

Tgt Ion: 83 Resp: 11477
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.4 38.5 57.7#

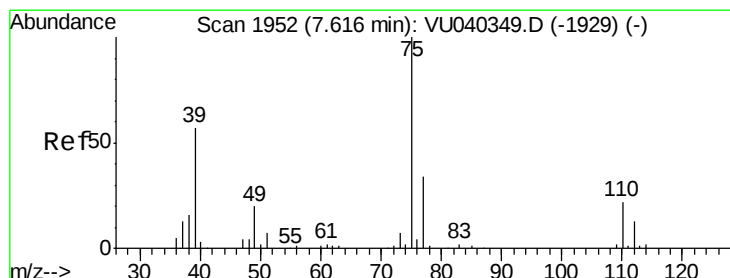
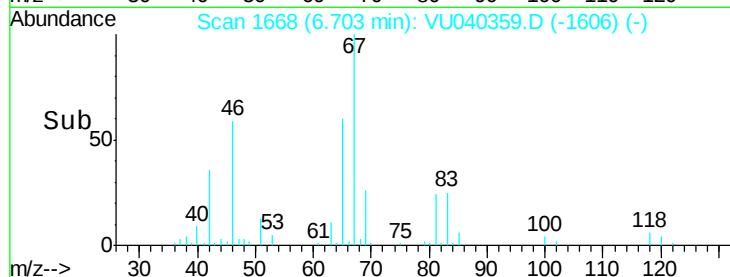
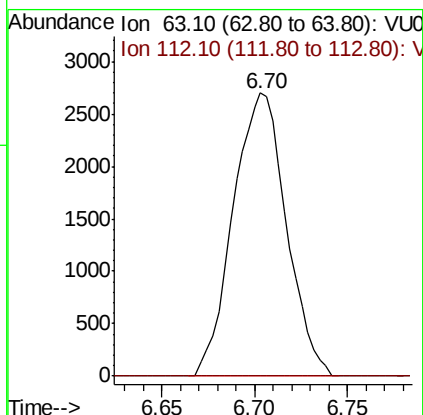
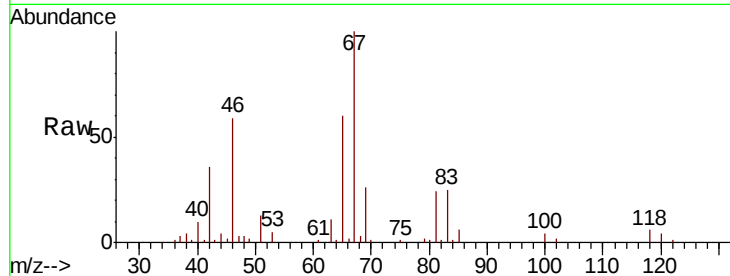




#37
 1,2-Dichloropropane
 Concen: 0.435 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040359.D
 Acq: 29 Sep 2020 15:18

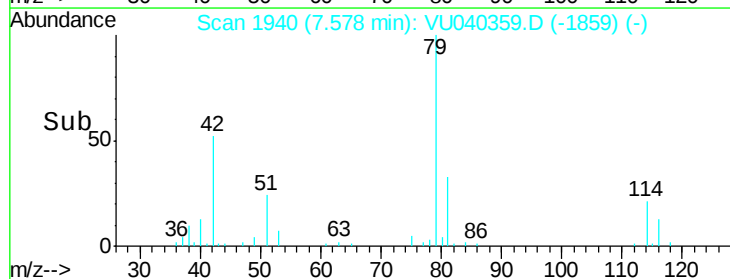
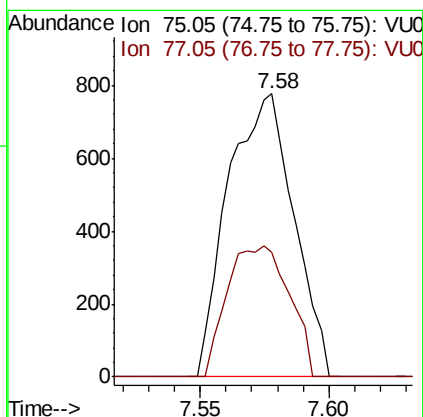
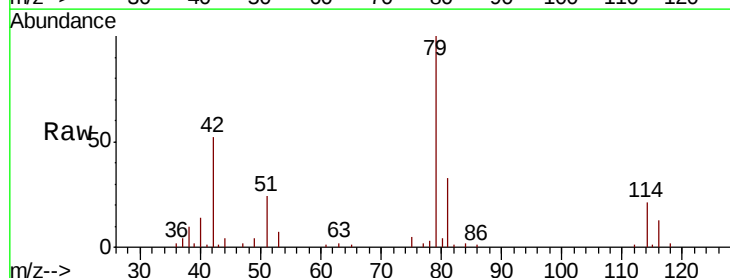
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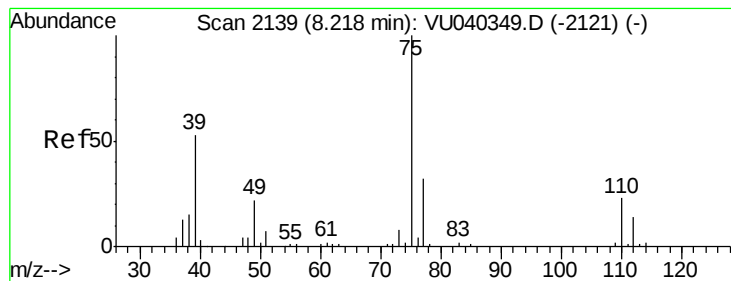
Tot Ion: 63 Resp: 5389
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040359.D
 Acq: 29 Sep 2020 15:18

Tgt Ion: 75 Resp: 1382
 Ion Ratio Lower Upper
 75 100
 77 44.3 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.053 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU040359.D

Acq: 29 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

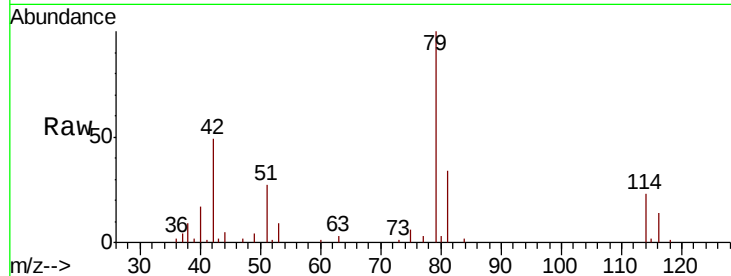
E0AD8

Tot Ion: 75 Resp: 819

Ion Ratio Lower Upper

75 100

77 39.8 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

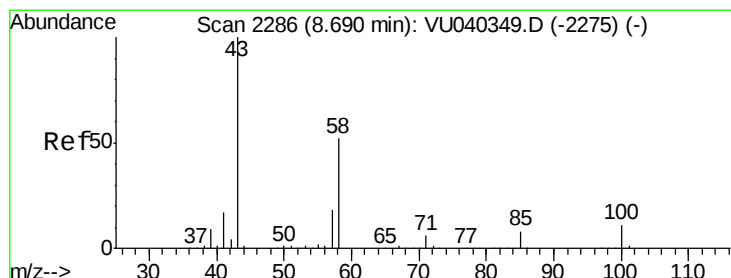
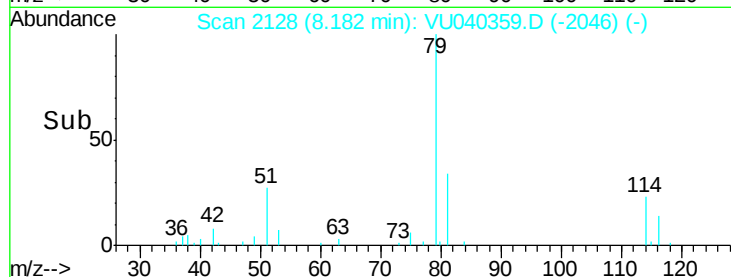
600

400

200

0

Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 2.308 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040359.D

Acq: 29 Sep 2020 15:18

Tgt Ion: 43 Resp: 16493

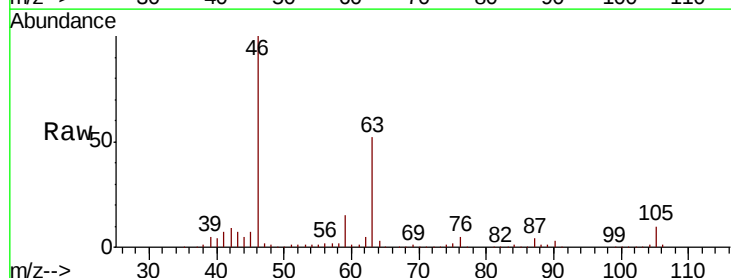
Ion Ratio Lower Upper

43 100

58 25.8 41.0 61.4#

57 27.9 14.6 22.0#

100 0.8 8.2 12.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

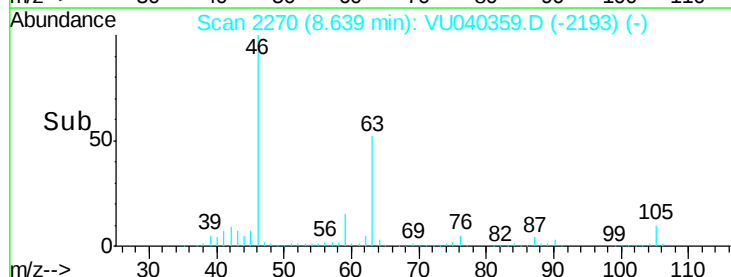
Ion 100.15 (99.85 to 100.85): VU0

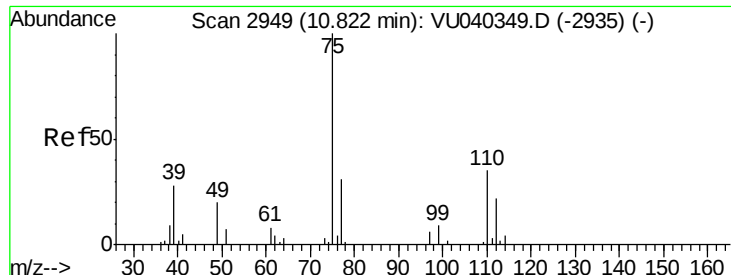
10000

5000

0

Time--> 8.60 8.65 8.70





#59

1,2,3-Trichloropropane

Concen: 0.942 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040359.D

Acq: 29 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

E0AD8

Tot Ion: 75 Resp: 8457

Ion Ratio Lower Upper

75 100

77 38.1 25.7 38.5

