

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040365.D
 Acq On : 29 Sep 2020 17:38
 Operator : SY/MD
 Sample : L4164-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AE3

Quant Time: Sep 30 01:53:18 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	122288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28851	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.92	69	27234	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	46832	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.65	46	157454	52.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	5.08	84	70707	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	44367	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	126941	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	45822	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	98489	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	18157	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.64	63	110576	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43709	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	46277	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

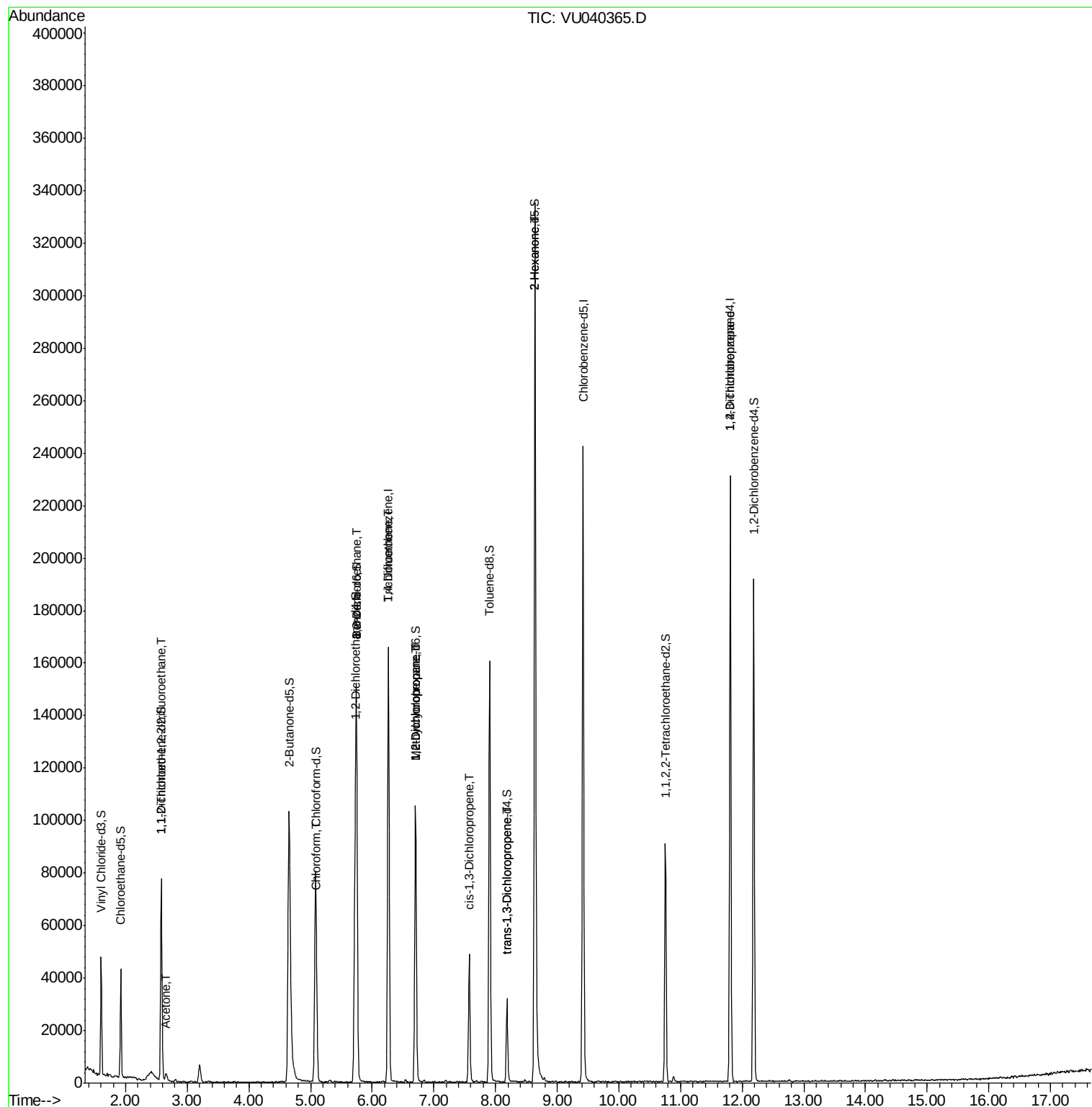
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	521	0.050	ug/L #	22
13) Acetone	2.66	43	5032	2.008	ug/L	89
25) Chloroform	5.11	83	2887	0.143	ug/L	96
27) 1,2-Dichloroethane	5.75	62	785	0.056	ug/L #	74
34) Trichloroethene	6.26	95	2171	0.196	ug/L #	8
35) Methylcyclohexane	6.70	83	10597	0.652	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5424	0.466	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1435	0.092	ug/L #	78
44) trans-1,3-Dichloropropene	8.19	75	701	0.049	ug/L #	46
48) 2-Hexanone	8.64	43	15148	2.257	ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	8170	0.969	ug/L	93

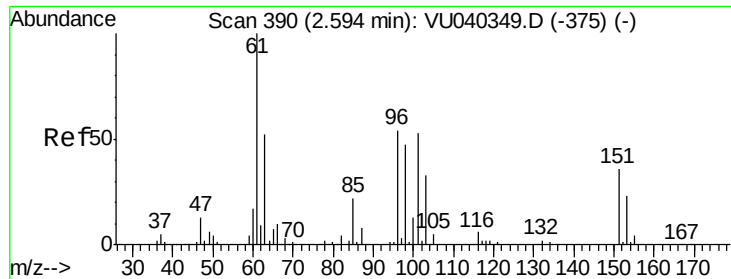
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.050 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU040365.D

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Instrument :

MSVOA_U

ClientSampleId :

E0AE3

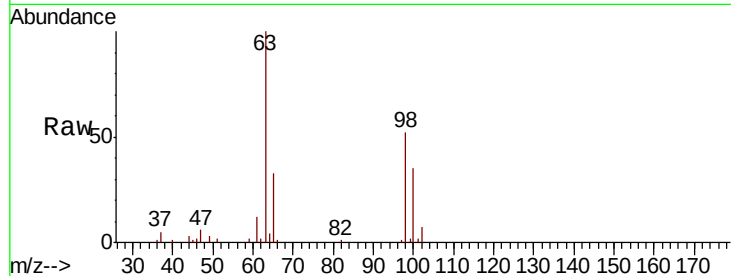
Tot Ion:101 Resp: 521

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 55.4 83.2#



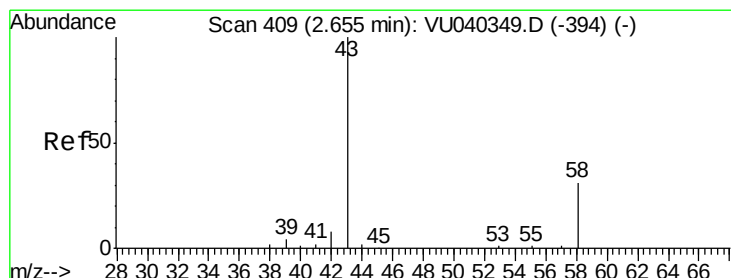
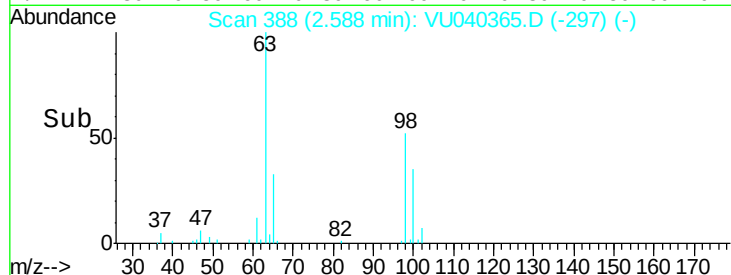
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59

Time-->



#13

Acetone

Concen: 2.008 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU040365.D

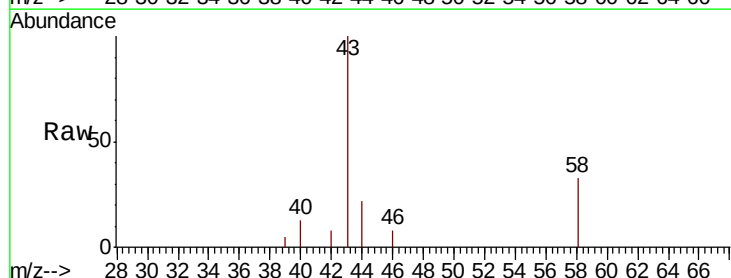
Acq: 29 Sep 2020 17:38

Tgt Ion: 43 Resp: 5032

Ion Ratio Lower Upper

43 100

58 25.1 0.0 61.8

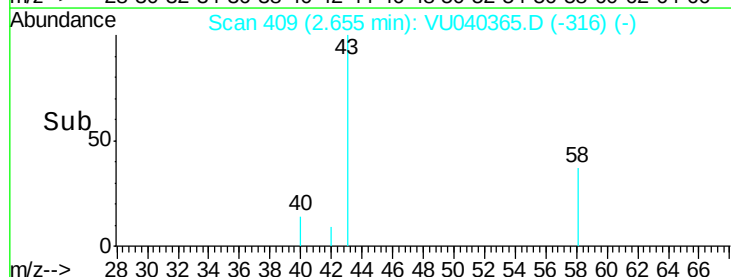


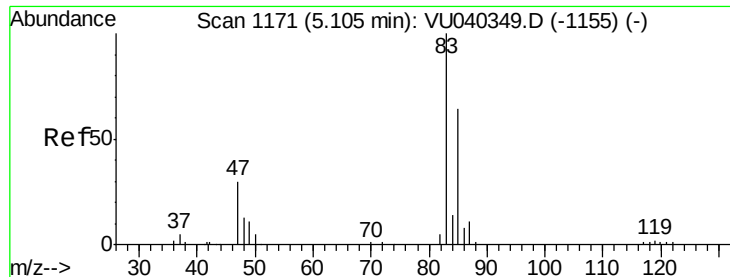
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

Time-->

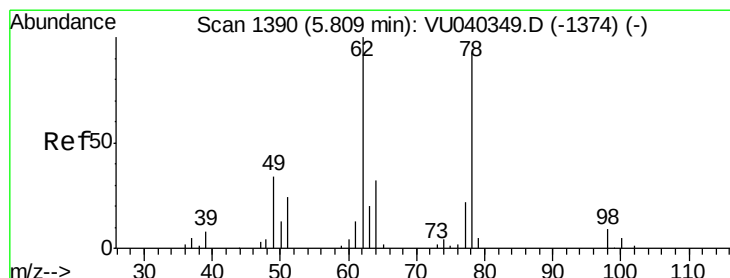
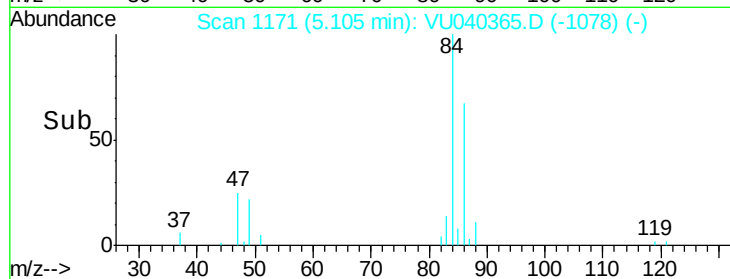
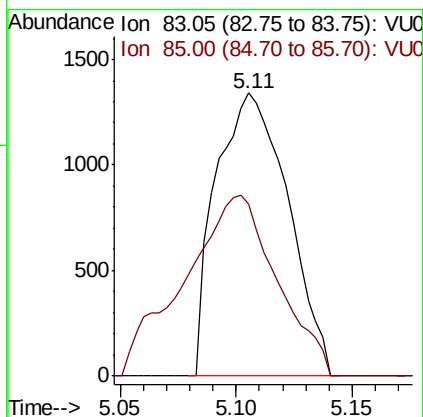
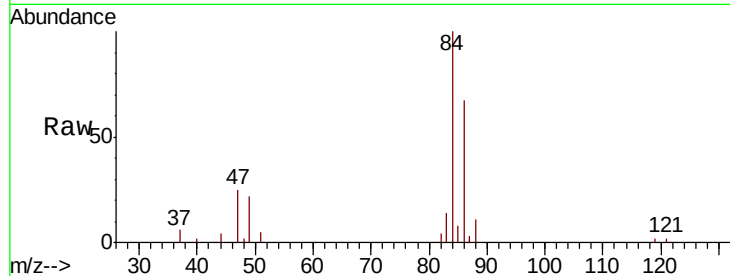




#25
Chloroform
Concen: 0.143 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040365.D
Acq: 29 Sep 2020 17:38

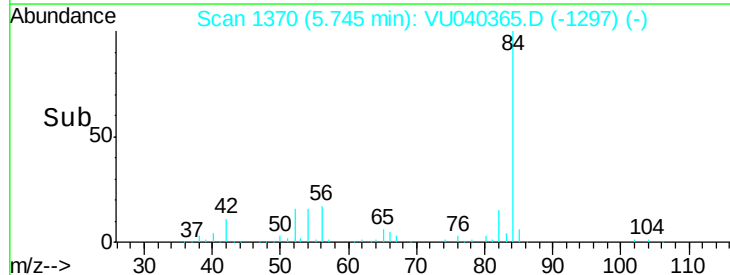
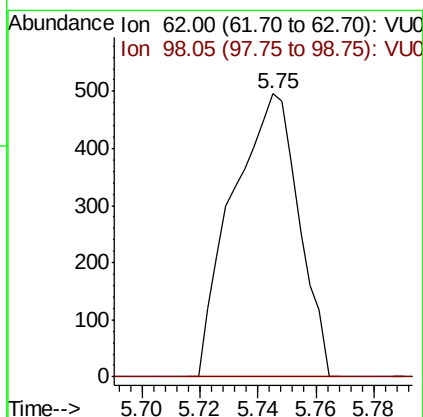
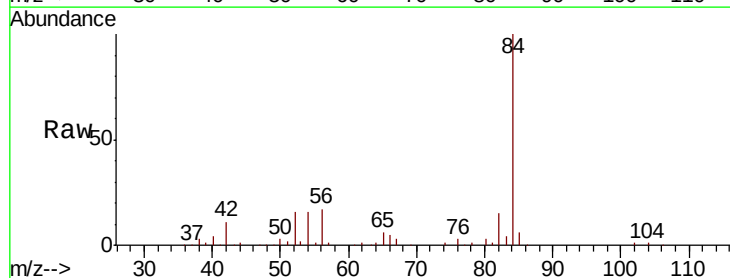
Instrument :
MSVOA_U
ClientSampled :
E0AE3

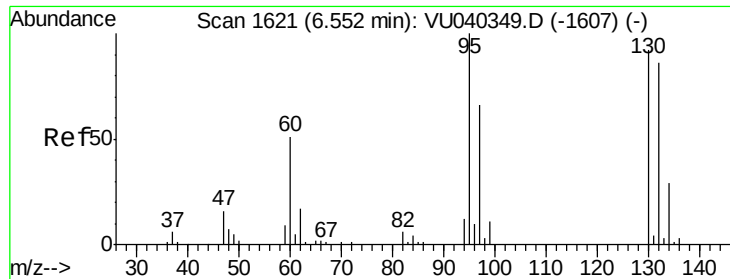
Tot Ion: 83 Resp: 2887
Ion Ratio Lower Upper
83 100
85 60.9 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.056 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040365.D
Acq: 29 Sep 2020 17:38

Tgt Ion: 62 Resp: 785
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 0.196 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU040365.D

Acq: 29 Sep 2020 17:38

Instrument :

MSVOA_U

ClientSampleId :

E0AE3

Tot Ion: 95 Resp: 2171

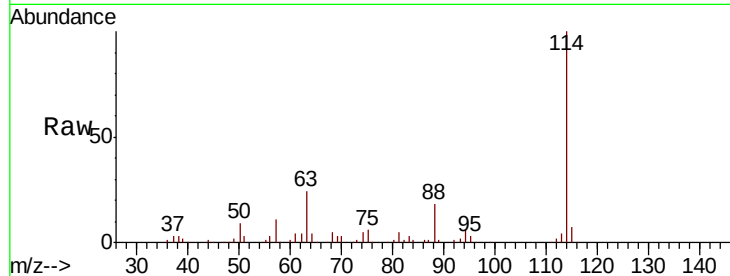
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 60.5 112.3#

130 0.0 64.3 119.3#

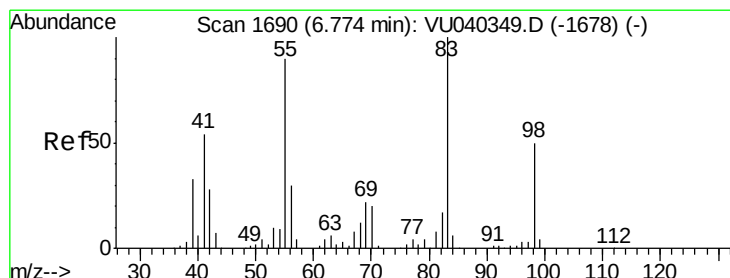
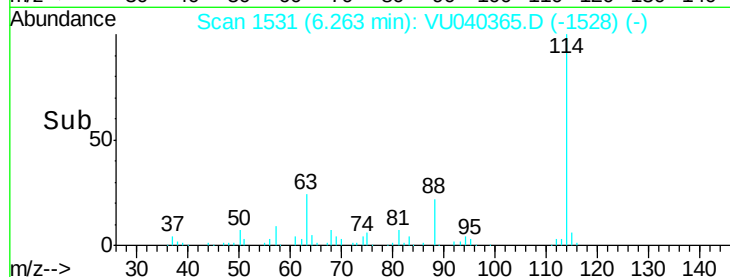
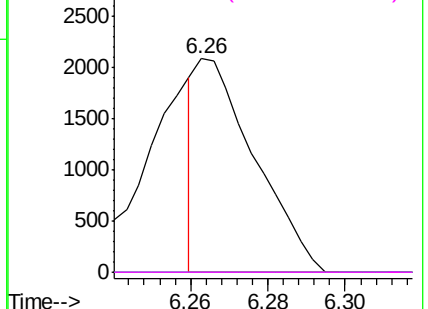


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040365.D

Acq: 29 Sep 2020 17:38

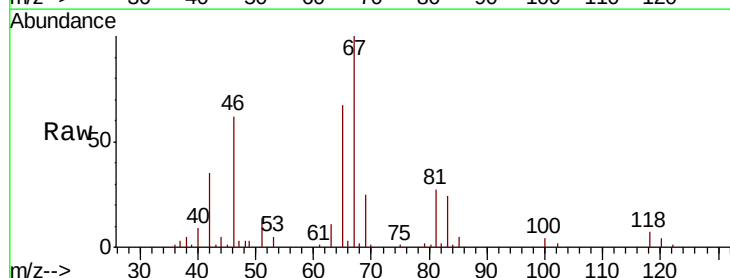
Tgt Ion: 83 Resp: 10597

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

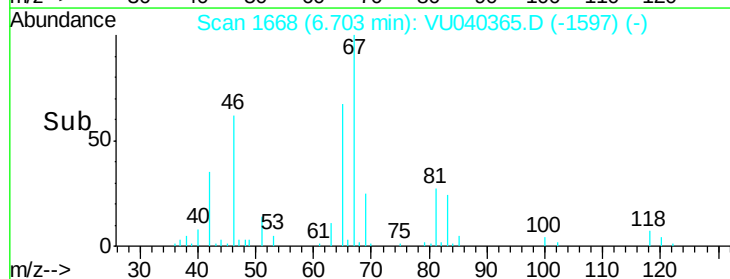
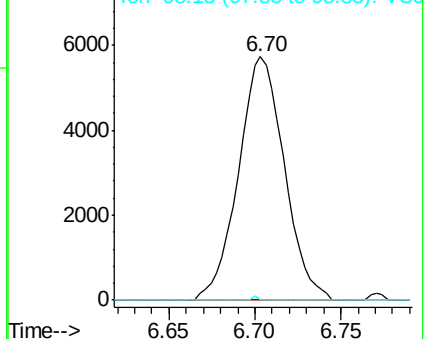
98 0.2 38.5 57.7#

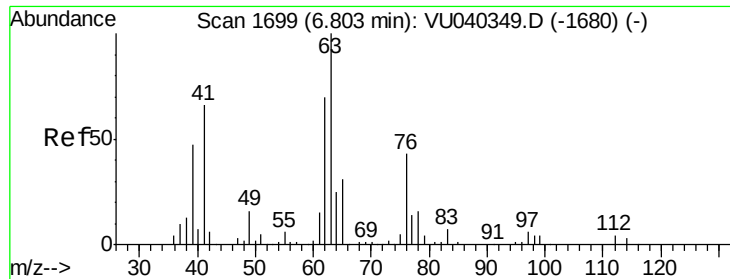


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

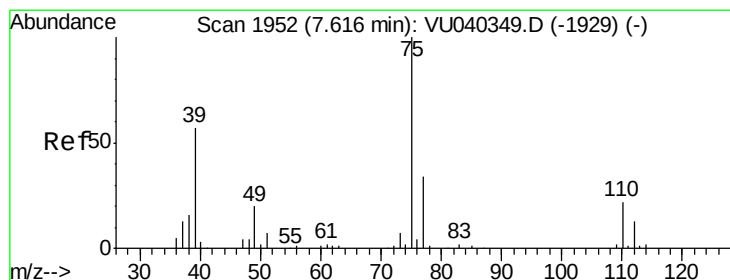
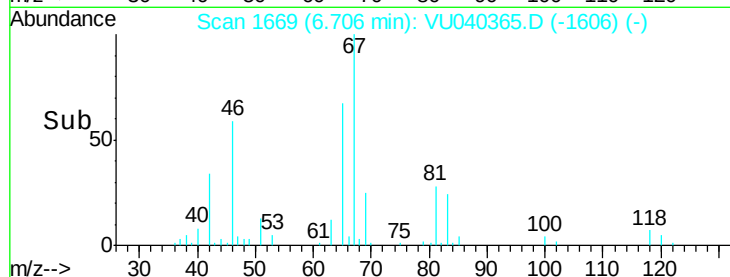
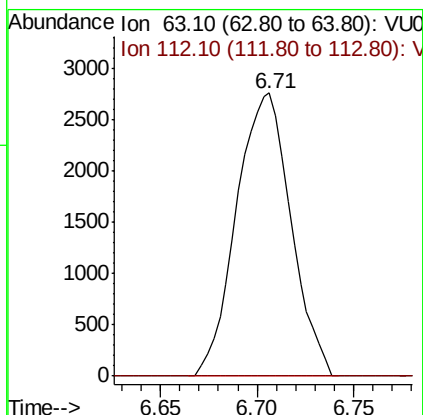
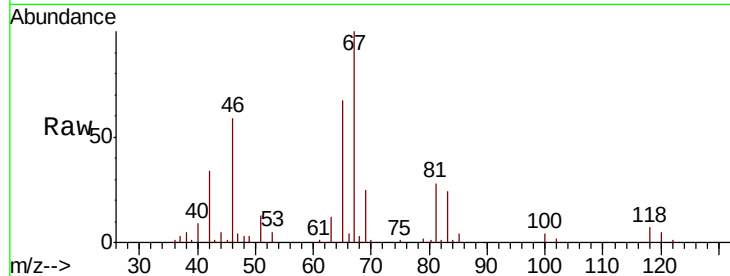




#37
 1,2-Dichloropropane
 Concen: 0.466 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040365.D
 Acq: 29 Sep 2020 17:38

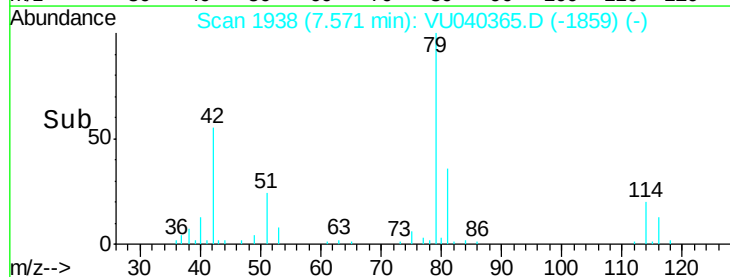
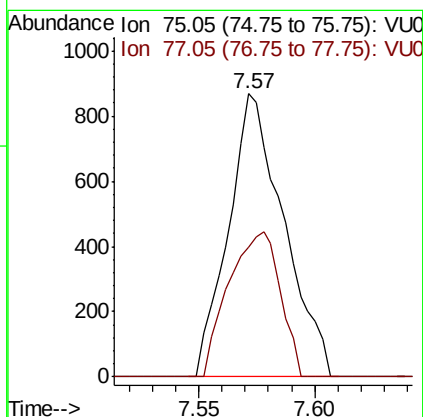
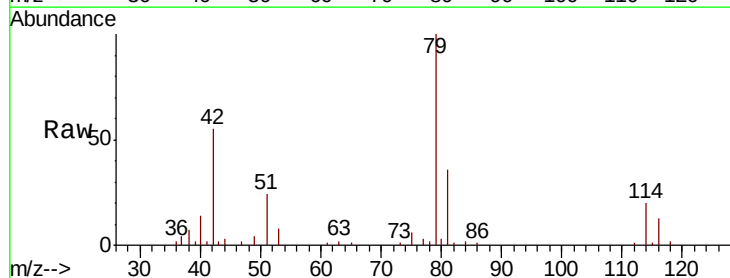
Instrument :
 MSVOA_U
 ClientSampleId :
 E0AE3

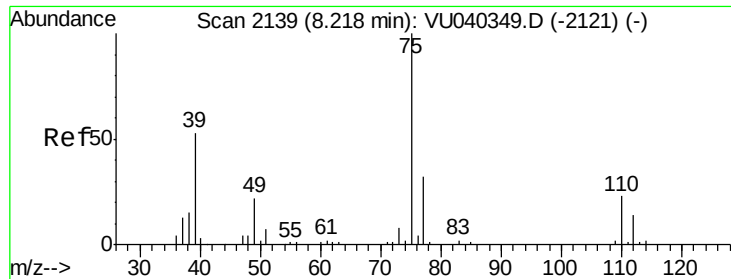
Tot Ion: 63 Resp: 5424
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040365.D
 Acq: 29 Sep 2020 17:38

Tgt Ion: 75 Resp: 1435
 Ion Ratio Lower Upper
 75 100
 77 46.1 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040365.D

Acq: 29 Sep 2020 17:38

Instrument :

MSVOA_U

ClientSampled :

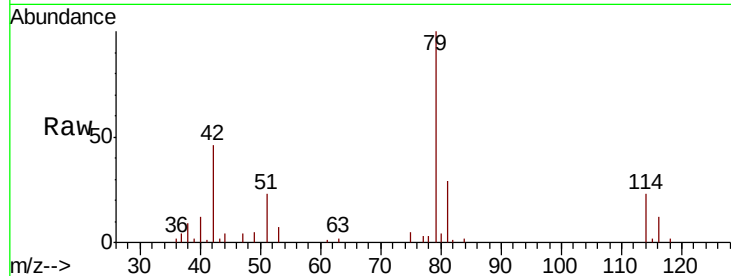
E0AE3

Tot Ion: 75 Resp: 701

Ion Ratio Lower Upper

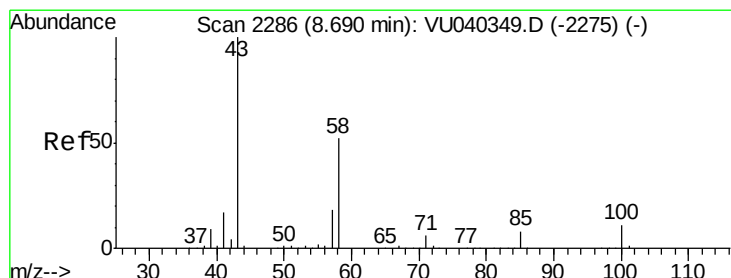
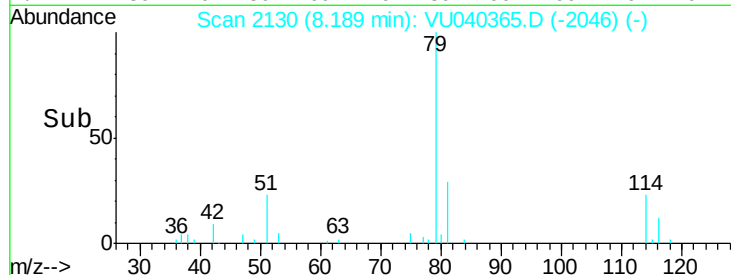
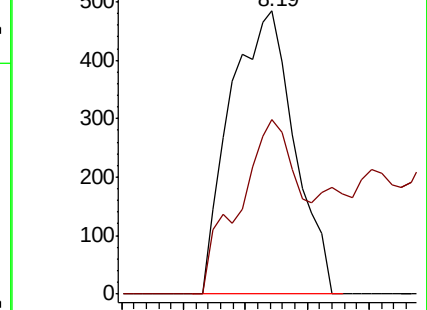
75 100

77 61.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.257 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040365.D

Acq: 29 Sep 2020 17:38

Tgt Ion: 43 Resp: 15148

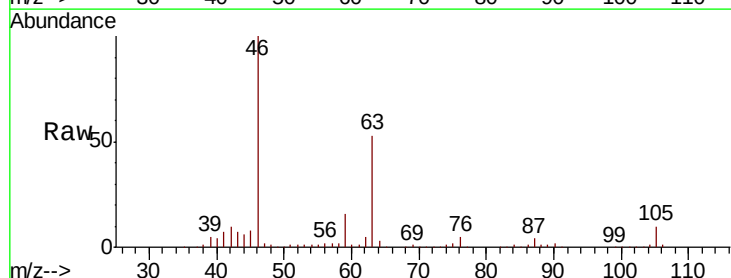
Ion Ratio Lower Upper

43 100

58 37.4 41.0 61.4#

57 30.5 14.6 22.0#

100 1.1 8.2 12.4#

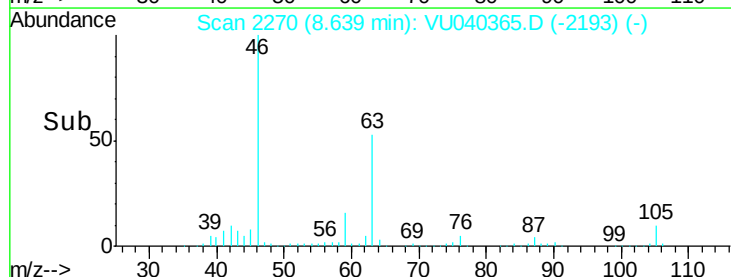
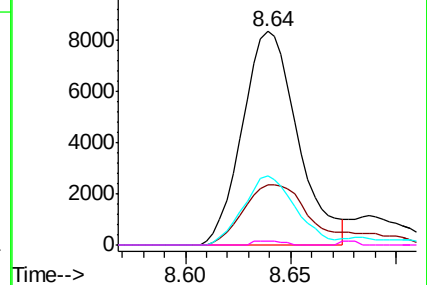


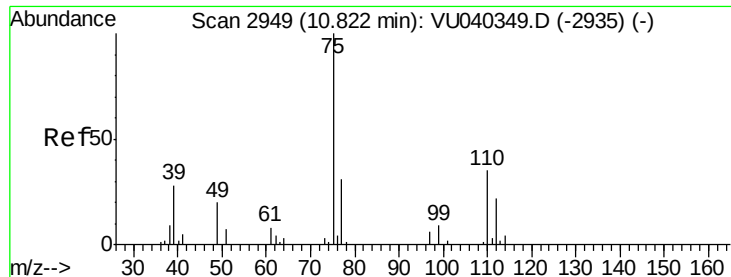
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040365.D

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ClientSampleId :

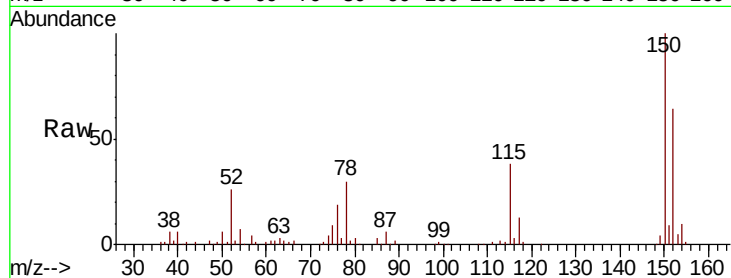
E0AE3

Tot Ion: 75 Resp: 8170

Ion Ratio Lower Upper

75 100

77 36.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

