

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039969.D
 Acq On : 25 Aug 2020 15:44
 Operator : SY/MD
 Sample : L3777-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y20

Quant Time: Aug 26 03:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24483	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.92	69	21289	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.58	63	39277	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.65	46	78081	36.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.56%
24) Chloroform-d	5.08	84	52509	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	27899	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
32) Benzene-d6	5.75	84	95168	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.70	67	31952	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	80614	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	11662	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.64	63	55272	35.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.42%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23620	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32603	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

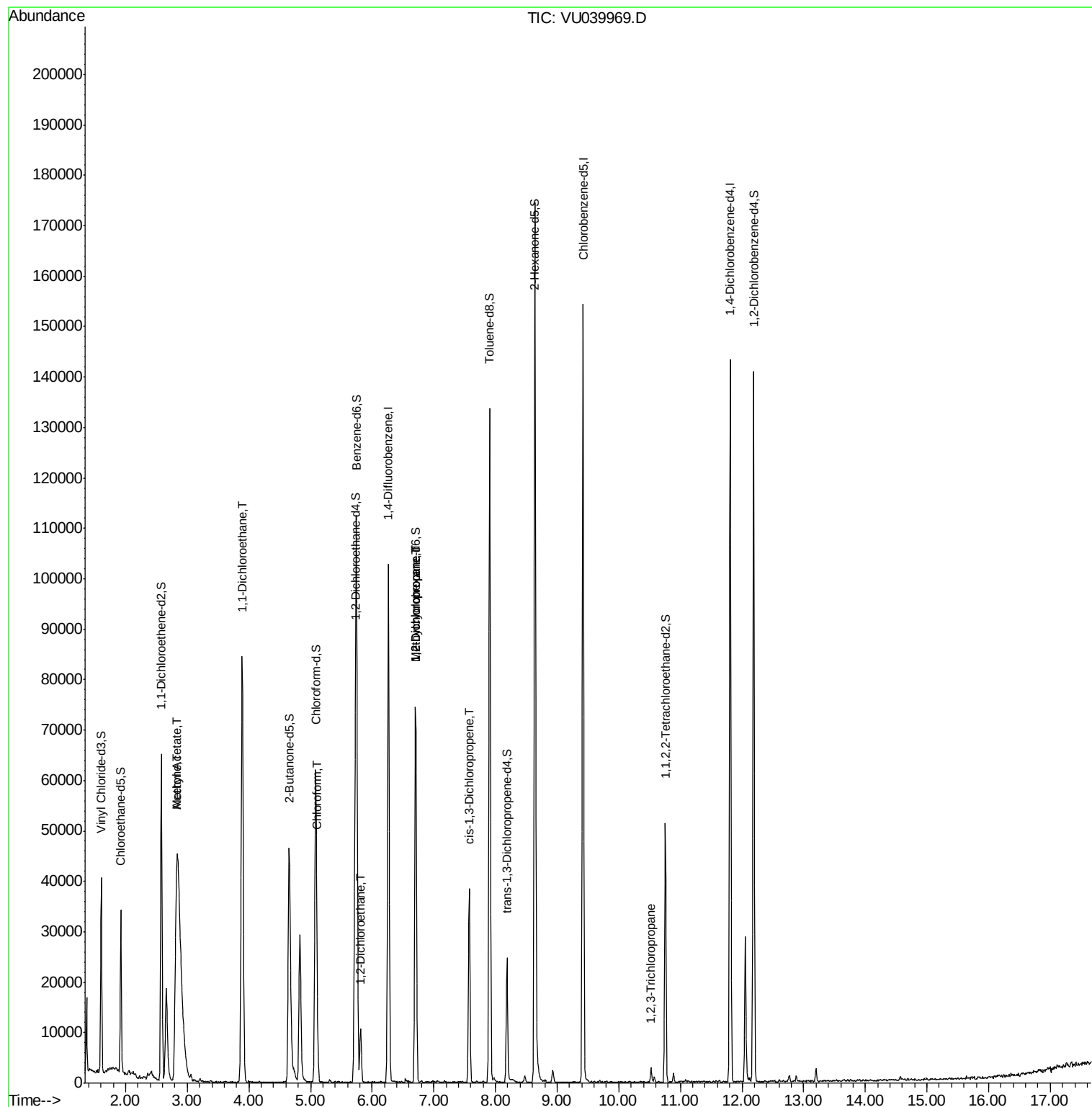
					Ovalue
13) Acetone	2.84	43	14542	10.026	ug/L 98
15) Methyl Acetate	2.84	43	14542	3.906	ug/L # 56
19) 1,1-Dichloroethane	3.89	63	94543	7.383	ug/L 99
25) Chloroform	5.11	83	5217	0.402	ug/L 95
27) 1,2-Dichloroethane	5.81	62	8418	0.924	ug/L 98
35) Methylcyclohexane	6.71	83	7547	0.696	ug/L # 17
37) 1,2-Dichloropropane	6.71	63	3801	0.524	ug/L # 85
39) cis-1,3-Dichloropropene	7.57	75	996	0.098	ug/L # 55
59) 1,2,3-Trichloropropane	10.52	75	1648	0.317	ug/L # 40

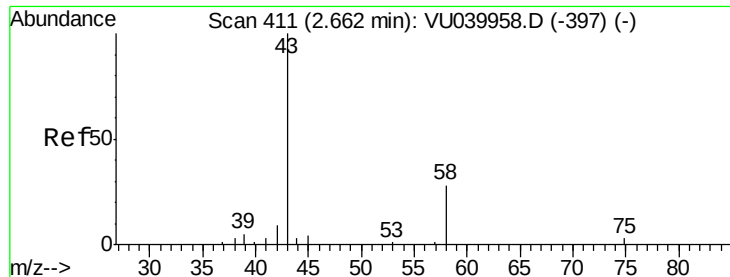
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.026 ug/L

RT: 2.84 min Scan# 465

Delta R.T. 0.17 min

Lab File: VU039969.D

Acq: 25 Aug 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

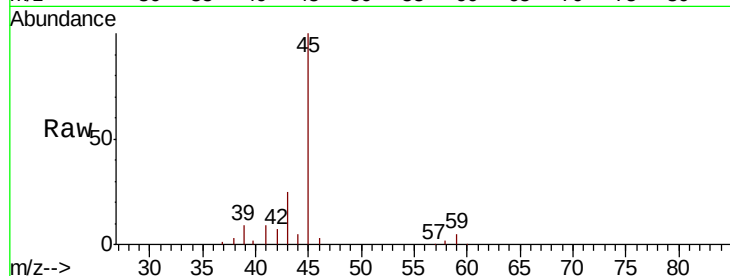
F4Y20

Tot Ion: 43 Resp: 14542

Ion Ratio Lower Upper

43 100

58 8.6 0.0 19.0



Abundance Ion 43.05 (42.75 to 43.75): VU039969.D (-414) (-)

Ion 58.05 (57.75 to 58.75): VU039969.D (-414) (-)

2.84

6000

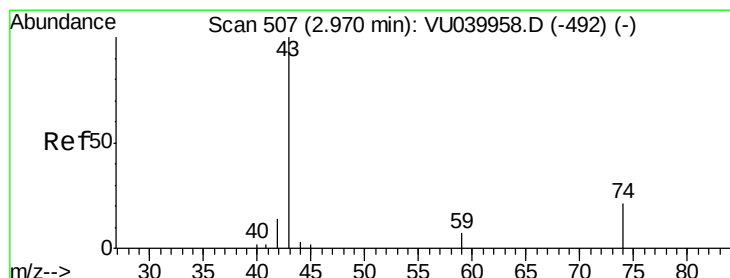
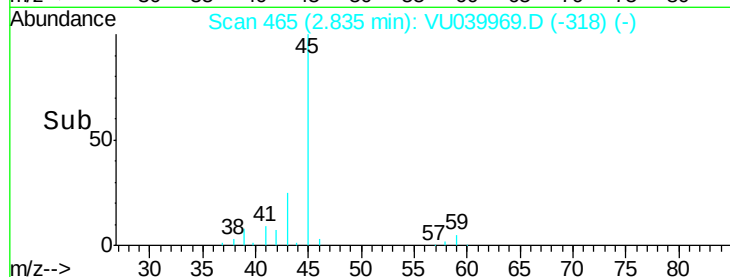
4000

2000

0

Time-->

2.75 2.80 2.85



#15

Methyl Acetate

Concen: 3.906 ug/L

RT: 2.84 min Scan# 465

Delta R.T. -0.14 min

Lab File: VU039969.D

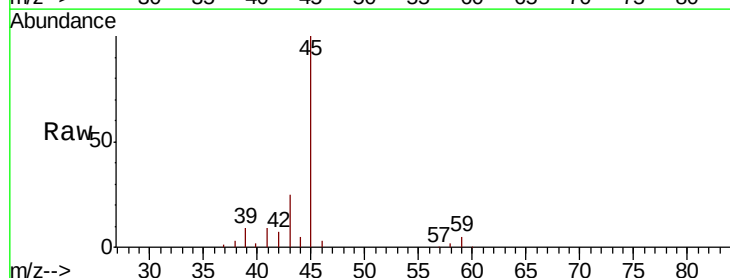
Acq: 25 Aug 2020 15:44

Tgt Ion: 43 Resp: 14542

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VU039969.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VU039969.D (-414) (-)

2.84

6000

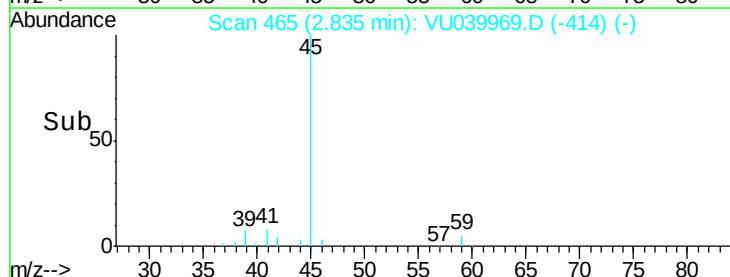
4000

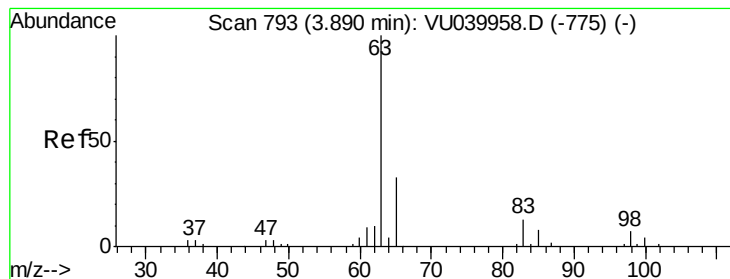
2000

0

Time-->

2.75 2.80 2.85





#19

1,1-Dichloroethane

Concen: 7.383 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

Lab File: VU039969.D

Acq: 25 Aug 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

F4Y20

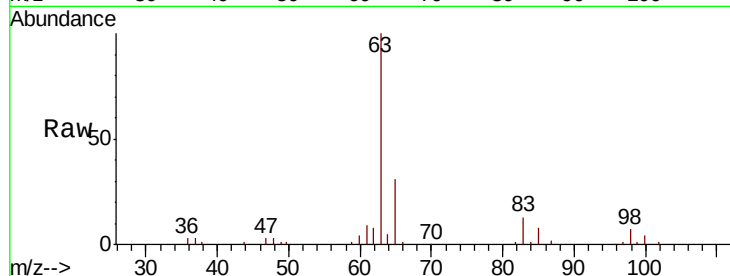
Tot Ion: 63 Resp: 94543

Ion Ratio Lower Upper

63 100

65 31.0 21.6 40.0

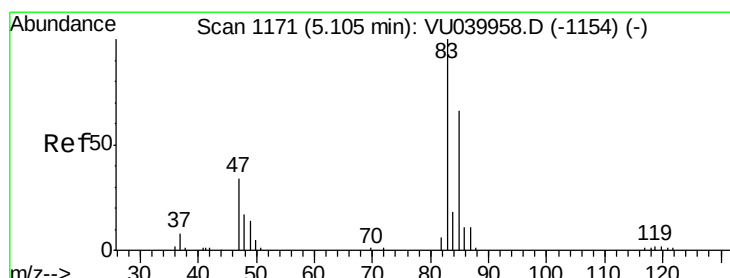
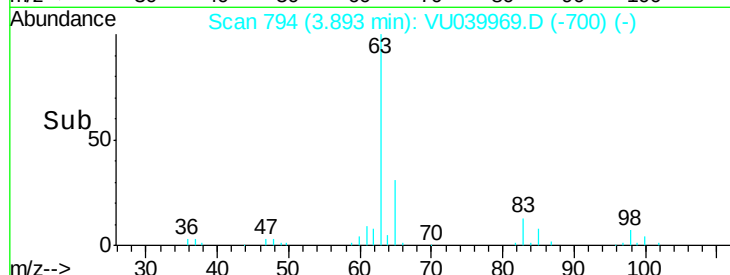
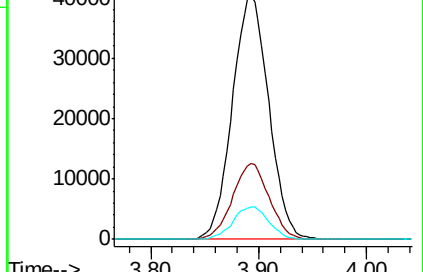
83 13.2 10.3 19.1



Abundance Ion 63.10 (62.80 to 63.80): VU039958.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU039958.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU039958.D (-775) (-)



#25

Chloroform

Concen: 0.402 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039969.D

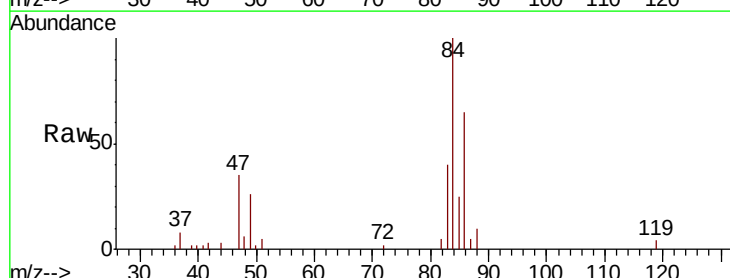
Acq: 25 Aug 2020 15:44

Tgt Ion: 83 Resp: 5217

Ion Ratio Lower Upper

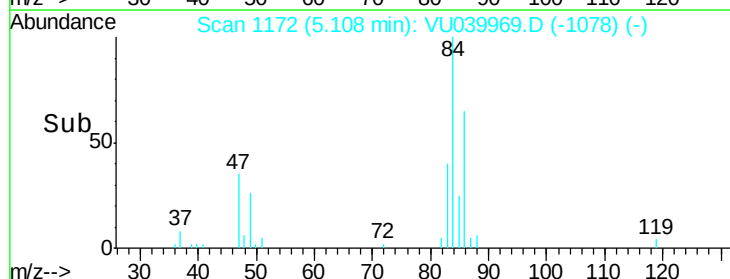
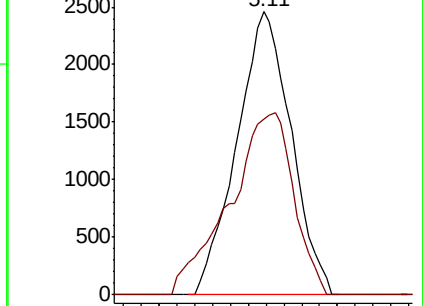
83 100

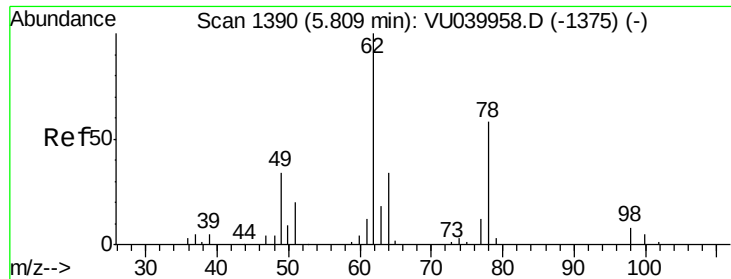
85 62.1 46.4 86.2



Abundance Ion 83.05 (82.75 to 83.75): VU039958.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039958.D (-1154) (-)

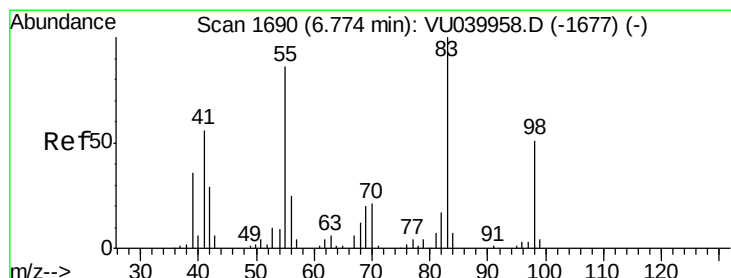
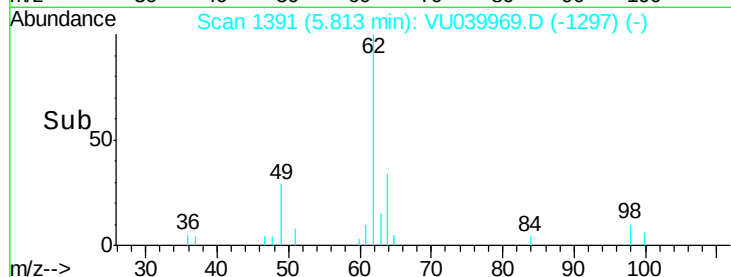
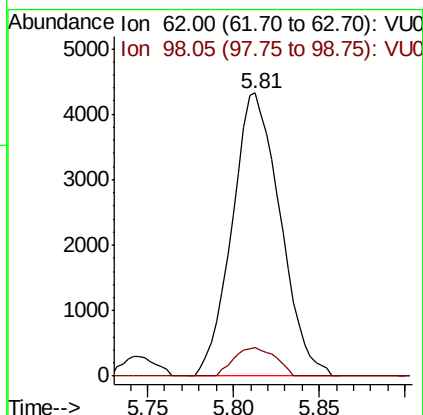
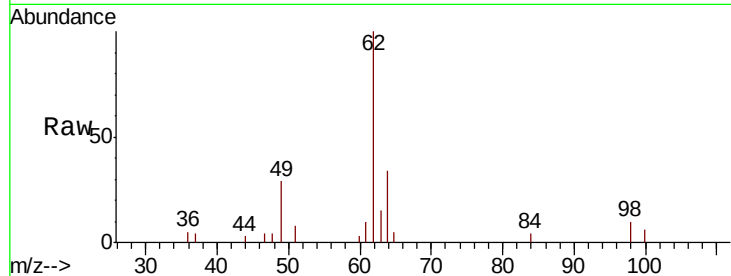




#27
 1,2-Dichloroethane
 Concen: 0.924 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VU039969.D
 Acq: 25 Aug 2020 15:44

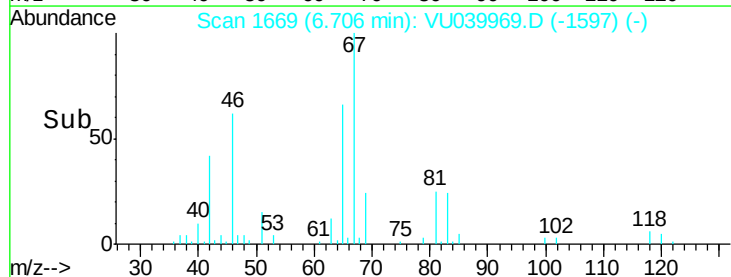
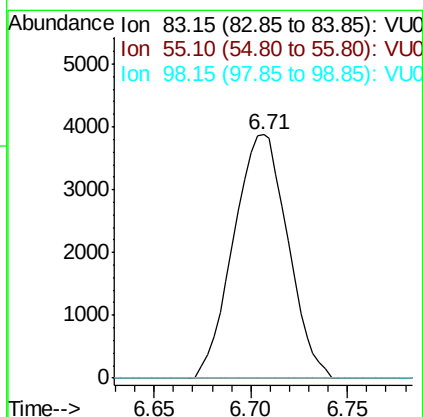
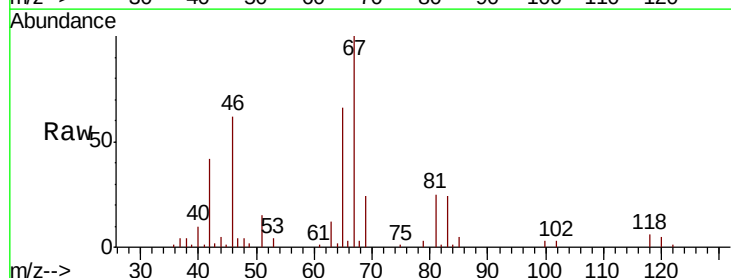
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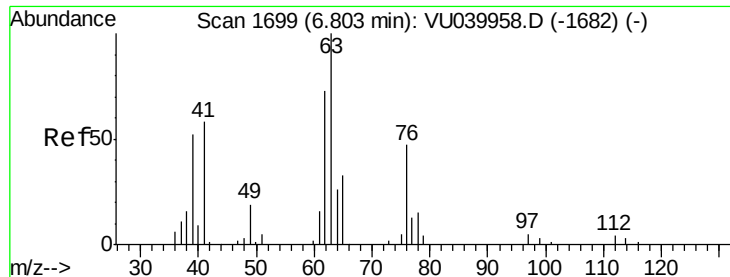
Tot Ion: 62 Resp: 8418
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.4 11.2



#35
 Methylcyclohexane
 Concen: 0.696 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU039969.D
 Acq: 25 Aug 2020 15:44

Tgt Ion: 83 Resp: 7547
 Ion Ratio Lower Upper
 83 100
 55 0.0 64.1 96.1#
 98 1.0 39.4 59.0#

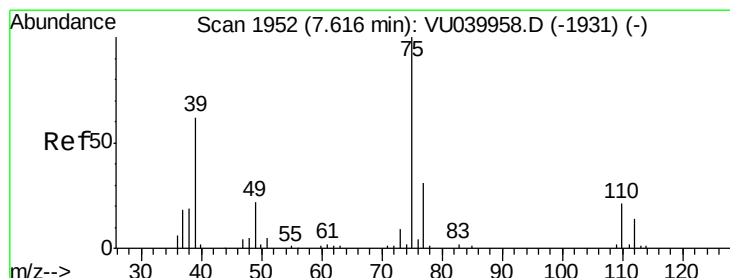
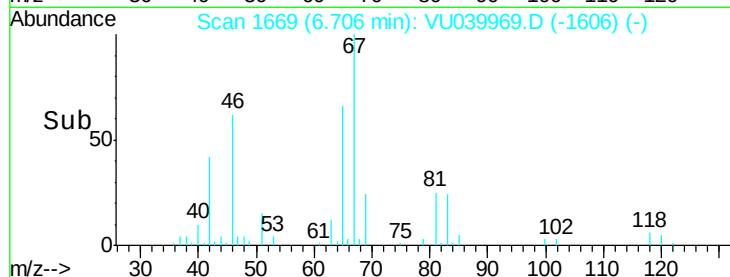
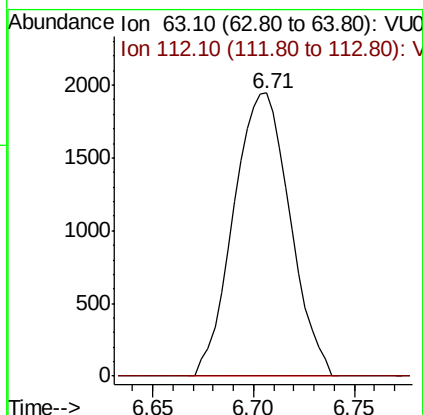
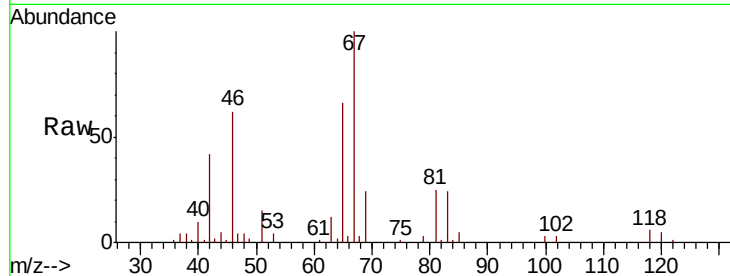




#37
 1,2-Dichloropropane
 Concen: 0.524 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039969.D
 Acq: 25 Aug 2020 15:44

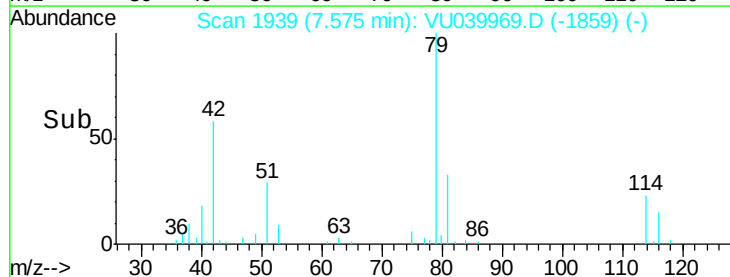
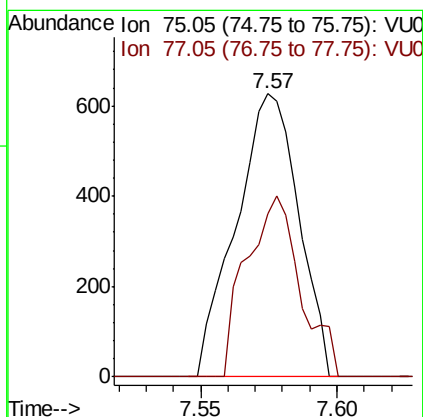
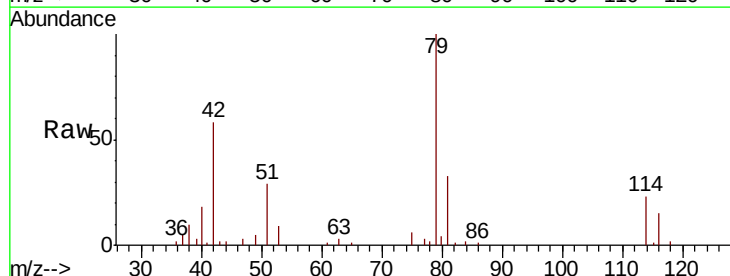
Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y20

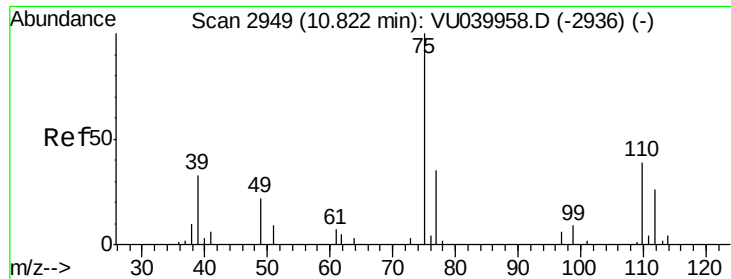
Tot Ion: 63 Resp: 3801
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039969.D
 Acq: 25 Aug 2020 15:44

Tgt Ion: 75 Resp: 996
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.317 ug/L

RT: 10.52 min Scan# 2856

Delta R.T. -0.30 min

Lab File: VU039969.D

Acq: 25 Aug 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

F4Y20

Tot Ion: 75 Resp: 1648

Ion Ratio Lower Upper

75 100

77 0.0 27.4 41.2#

