

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039482.D
 Acq On : 14 Jul 2020 14:16
 Operator : SY/MD
 Sample : L3296-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG0

Quant Time: Jul 15 06:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	94193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89702	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24791	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	28636	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	39239	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.65	46	117087	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	5.08	84	57950	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	35665	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	108569	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.71	67	37058	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	97411	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.19	79	14754	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	85221	42.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32486	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	36002	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

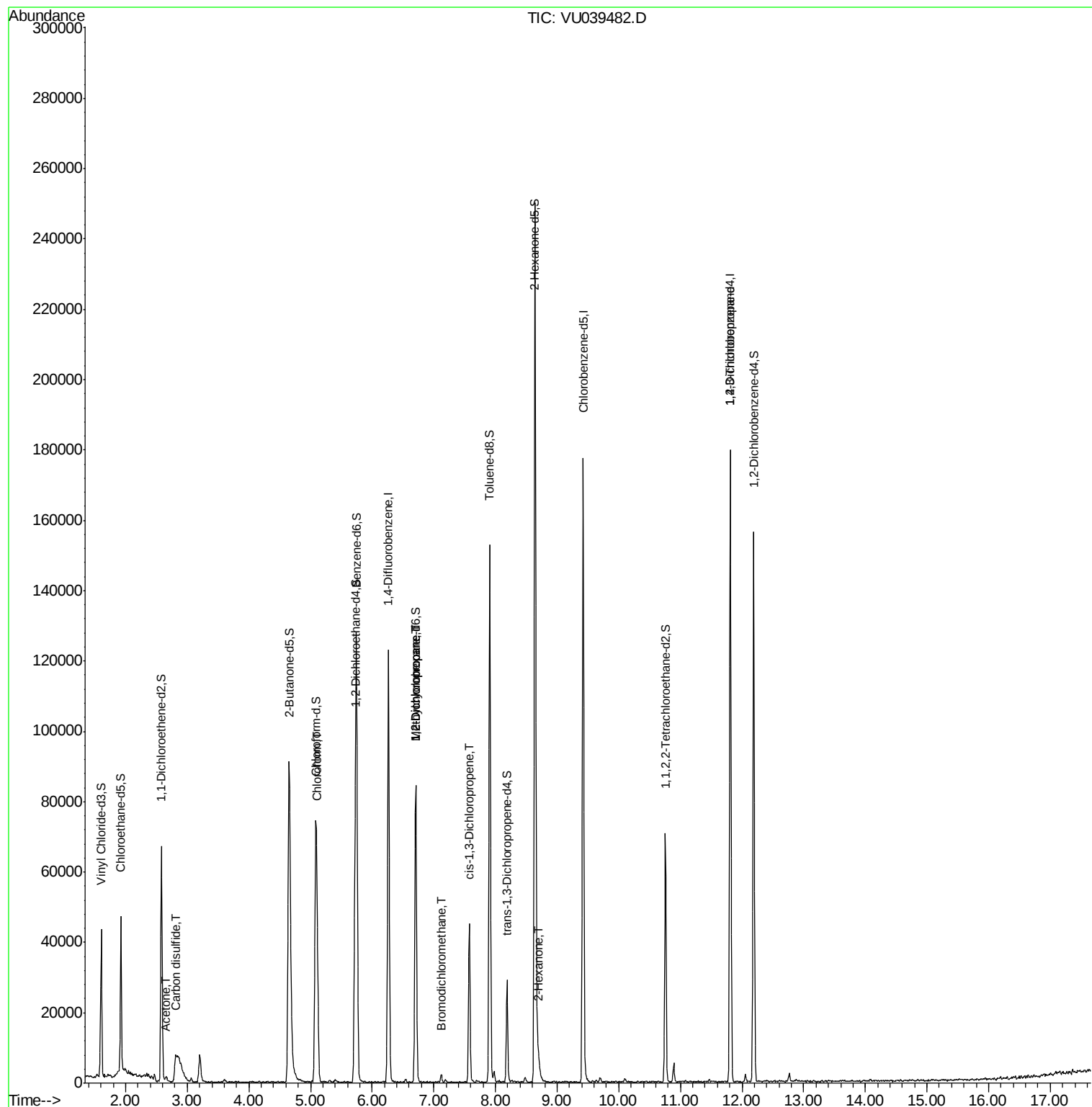
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	2343	1.738	ug/L	66
14) Carbon disulfide	2.81	76	3157	0.160	ug/L	95
25) Chloroform	5.11	83	26947	2.199	ug/L	97
35) Methylcyclohexane	6.71	83	8209	0.739	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4708	0.644	ug/L #	91
38) Bromodichloromethane	7.12	83	1399	0.150	ug/L #	80
39) cis-1,3-Dichloropropene	7.58	75	1460	0.132	ug/L	85
48) 2-Hexanone	8.70	43	4825	1.073	ug/L #	89
59) 1,2,3-Trichloropropane	11.81	75	6770	1.256	ug/L	90

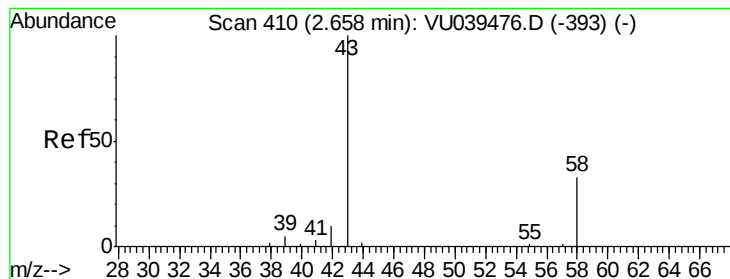
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.738 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU039482.D

Acq: 14 Jul 2020 14:16

Instrument :

MSVOA_U

ClientSampleId :

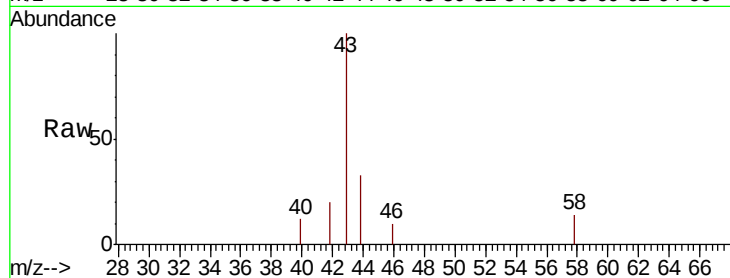
C0AG0

Tot Ion: 43 Resp: 2343

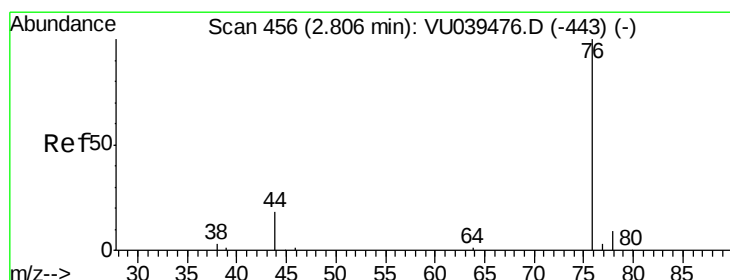
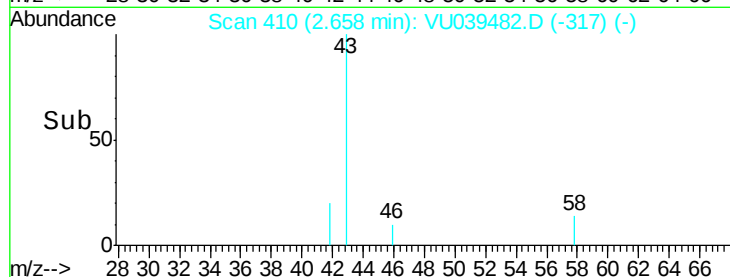
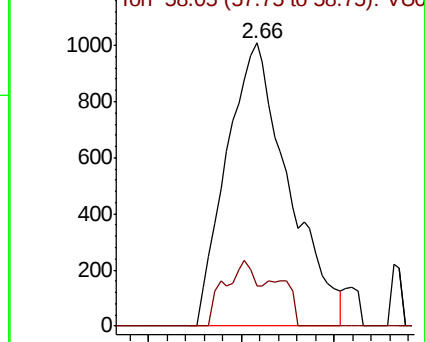
Ion Ratio Lower Upper

43 100

58 12.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039482.D (-317) (-)



#14

Carbon disulfide

Concen: 0.160 ug/L

RT: 2.81 min Scan# 458

Delta R.T. 0.01 min

Lab File: VU039482.D

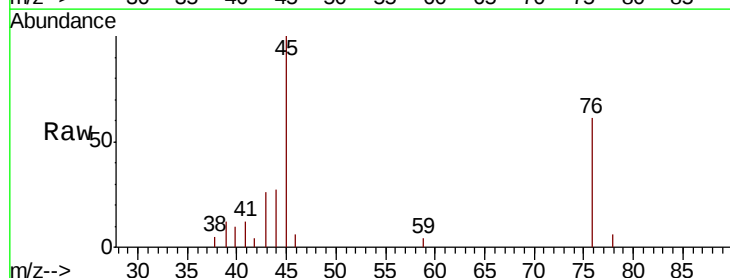
Acq: 14 Jul 2020 14:16

Tgt Ion: 76 Resp: 3157

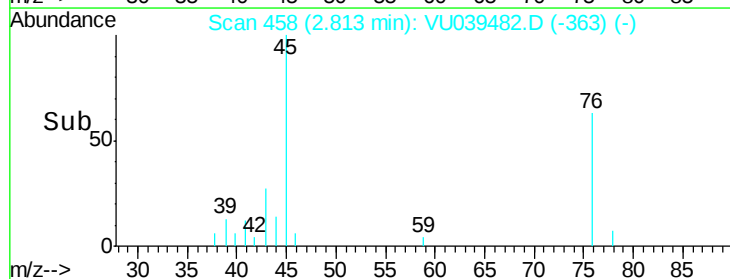
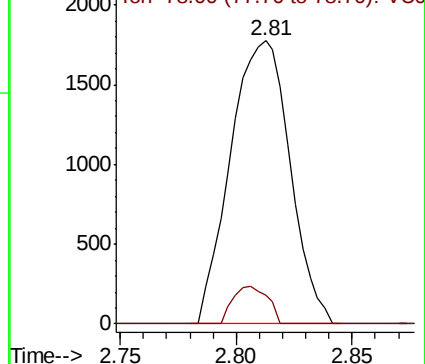
Ion Ratio Lower Upper

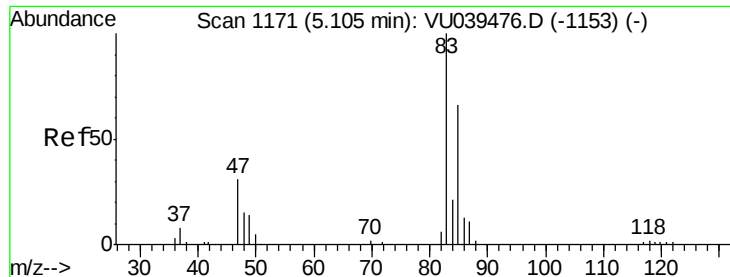
76 100

78 10.4 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VU039482.D (-363) (-)





#25

Chloroform

Concen: 2.199 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039482.D

Acq: 14 Jul 2020 14:16

Instrument :

MSVOA_U

ClientSampleId :

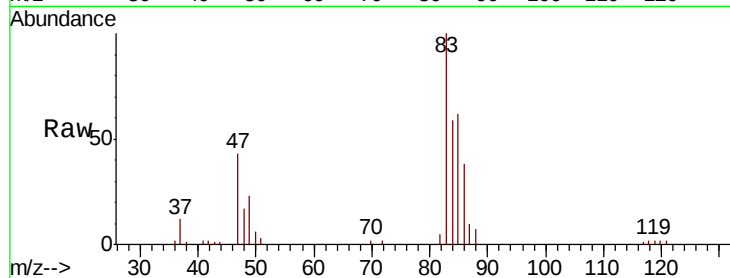
C0AG0

Tot Ion: 83 Resp: 26947

Ion Ratio Lower Upper

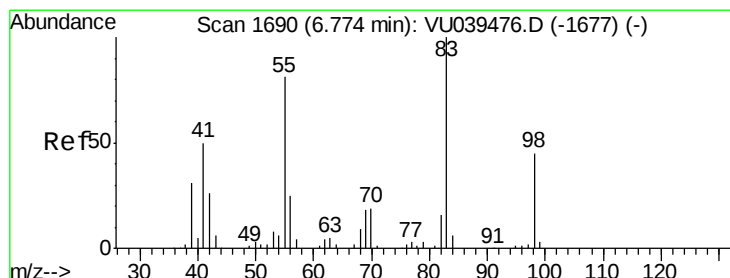
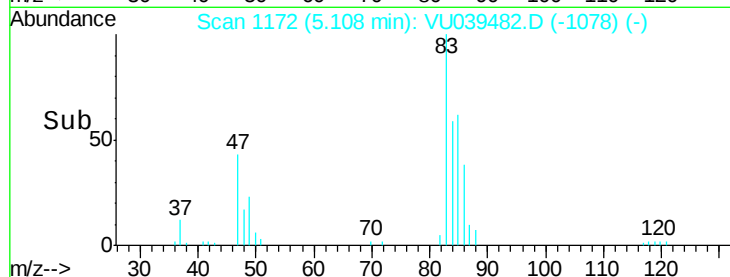
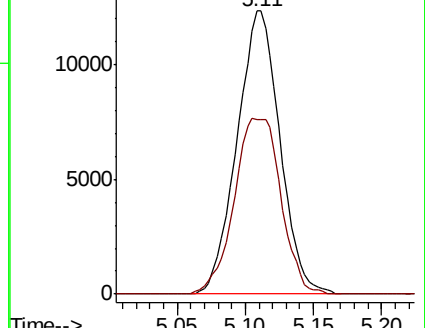
83 100

85 61.9 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039476.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU039476.D (-1153) (-)



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039482.D

Acq: 14 Jul 2020 14:16

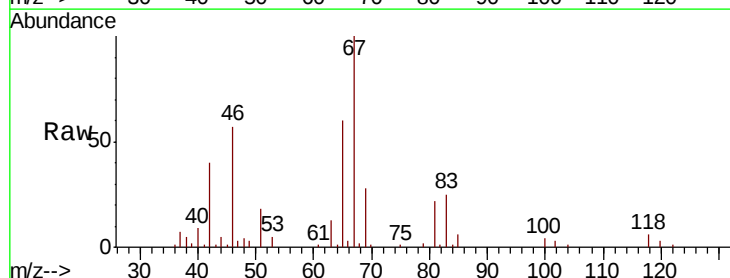
Tgt Ion: 83 Resp: 8209

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

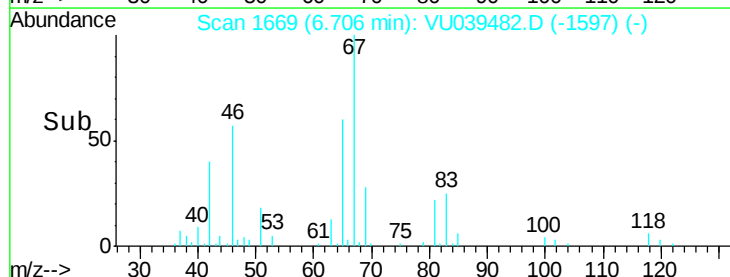
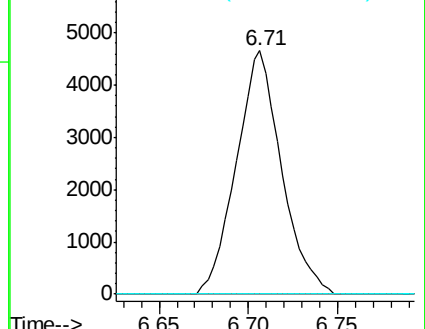
98 0.0 35.9 53.9#

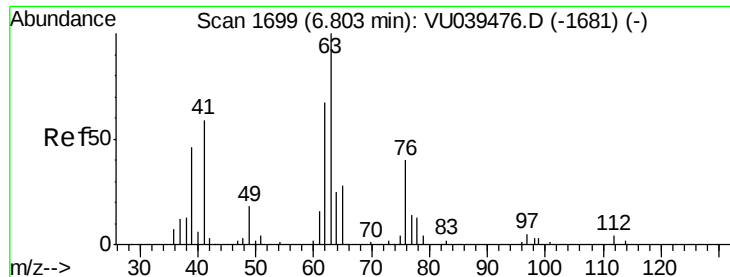


Abundance Ion 83.15 (82.85 to 83.85): VU039476.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039476.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039476.D (-1677) (-)

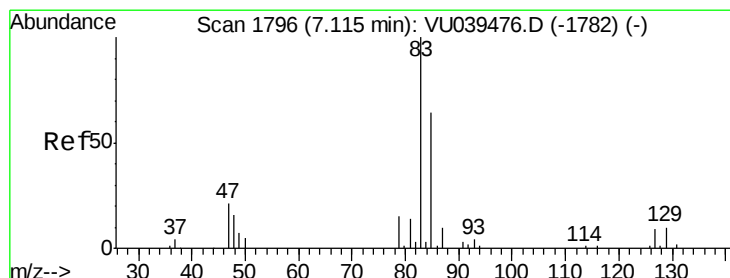
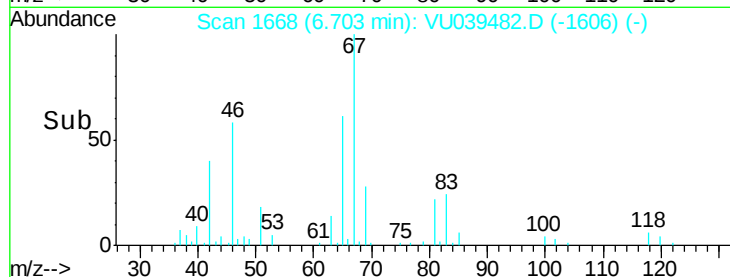
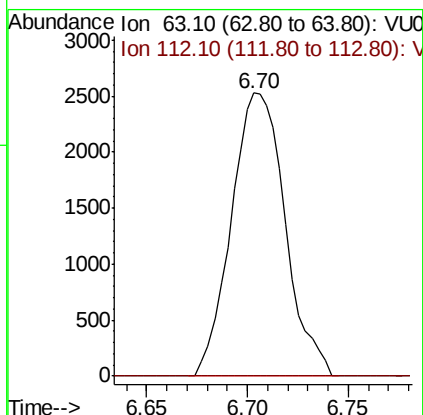
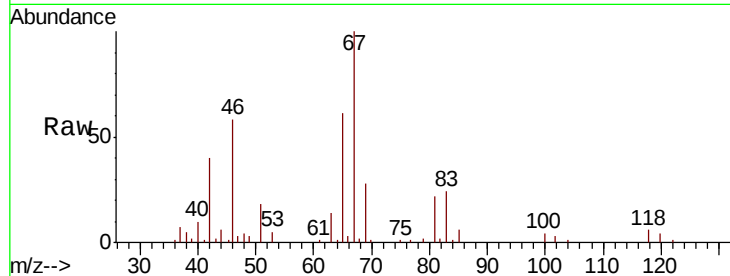




#37
 1,2-Dichloropropane
 Concen: 0.644 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039482.D
 Acq: 14 Jul 2020 14:16

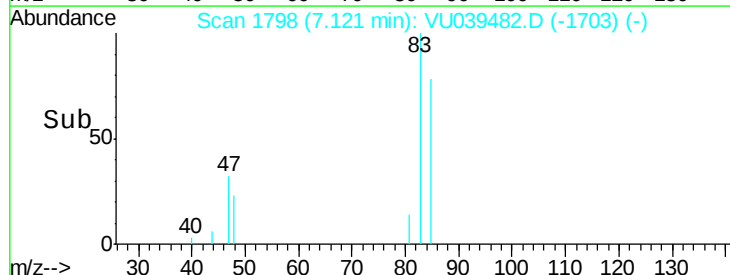
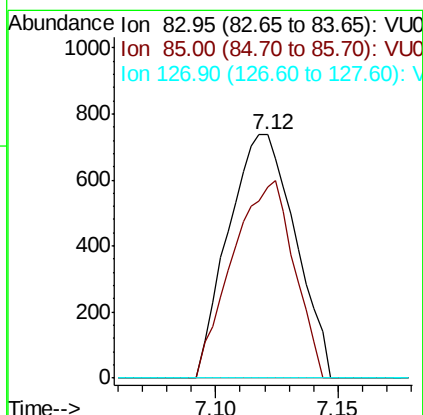
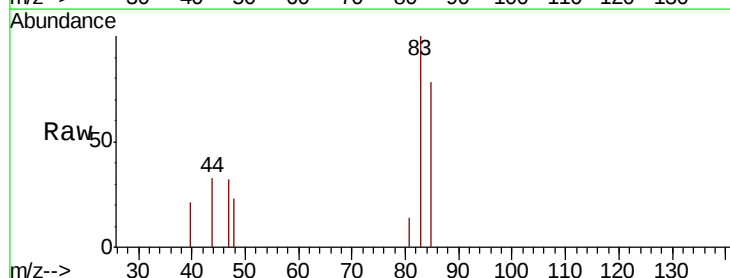
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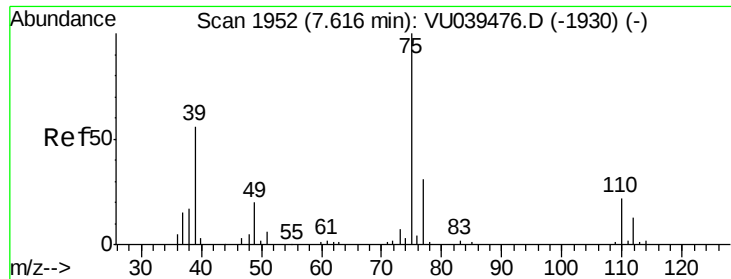
Tot Ion: 63 Resp: 4708
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#38
 Bromodichloromethane
 Concen: 0.150 ug/L
 RT: 7.12 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: VU039482.D
 Acq: 14 Jul 2020 14:16

Tgt Ion: 83 Resp: 1399
 Ion Ratio Lower Upper
 83 100
 85 78.3 44.0 81.6
 127 0.0 6.2 9.4#

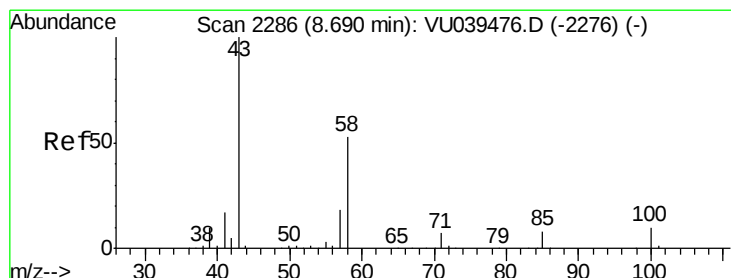
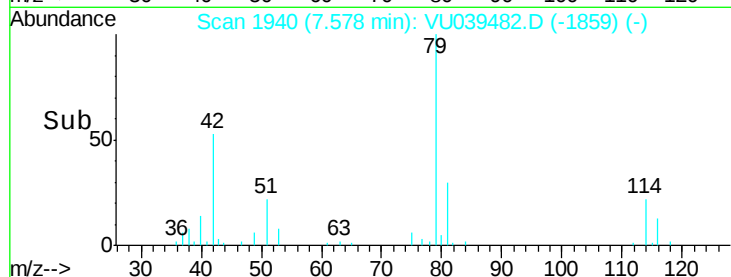
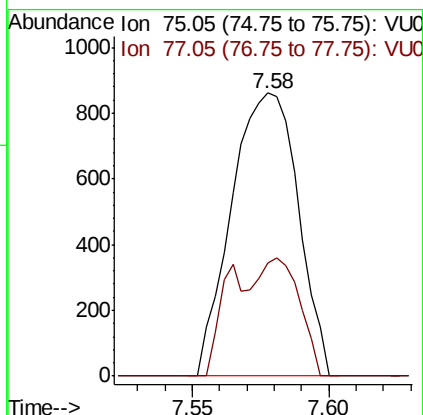
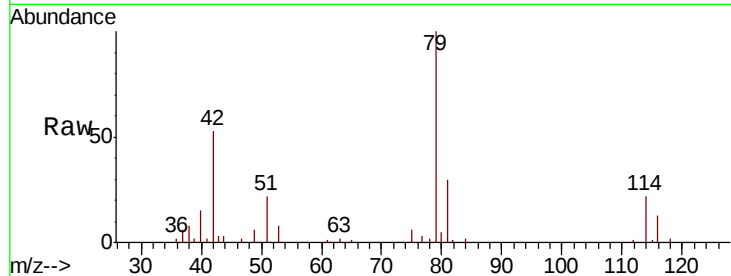




#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039482.D
 Acq: 14 Jul 2020 14:16

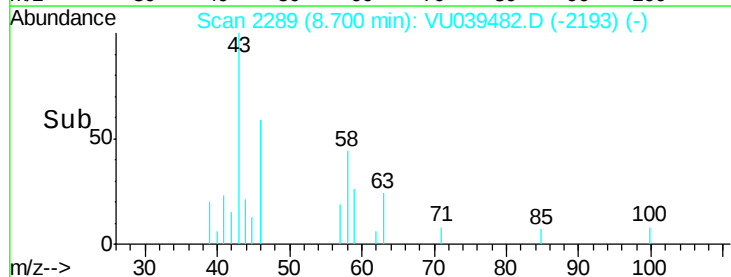
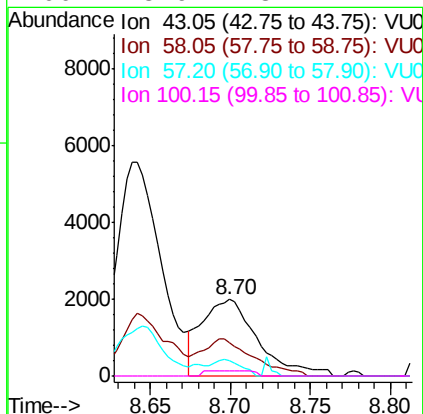
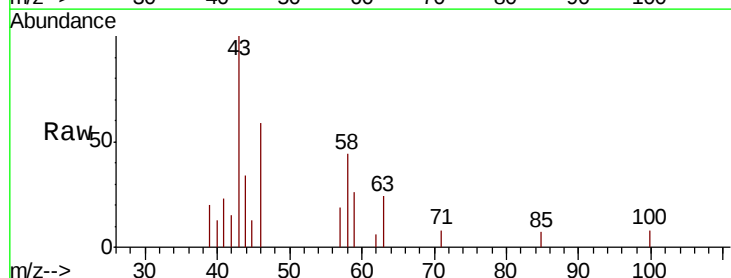
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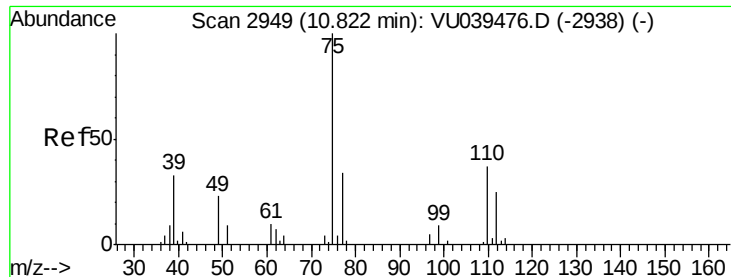
Tot Ion: 75 Resp: 1460
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.3 41.3



#48
 2-Hexanone
 Concen: 1.073 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU039482.D
 Acq: 14 Jul 2020 14:16

Tgt Ion: 43 Resp: 4825
 Ion Ratio Lower Upper
 43 100
 58 45.1 42.0 63.0
 57 11.3 14.0 21.0#
 100 5.9 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.256 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039482.D

Acq: 14 Jul 2020 14:16

Instrument :

MSVOA_U

ClientSampleId :

C0AG0

Tot Ion: 75 Resp: 6770

Ion Ratio Lower Upper

75 100

77 38.9 26.8 40.2

