

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039411.D
 Acq On : 09 Jul 2020 22:24
 Operator : SY/MD
 Sample : L3244-07DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B13DL

Quant Time: Jul 10 02:04:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104838	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25087	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	50447	8.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	162.40%#
11) 1,1-Dichloroethene-d2	2.57	63	42338	3.54	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	154769	55.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.34%
24) Chloroform-d	5.08	84	57560	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.72	65	43496	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.74	84	126859	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.70	67	45325	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.91	98	108951	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.19	79	17669	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.65	63	119160	55.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43144	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	43811	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

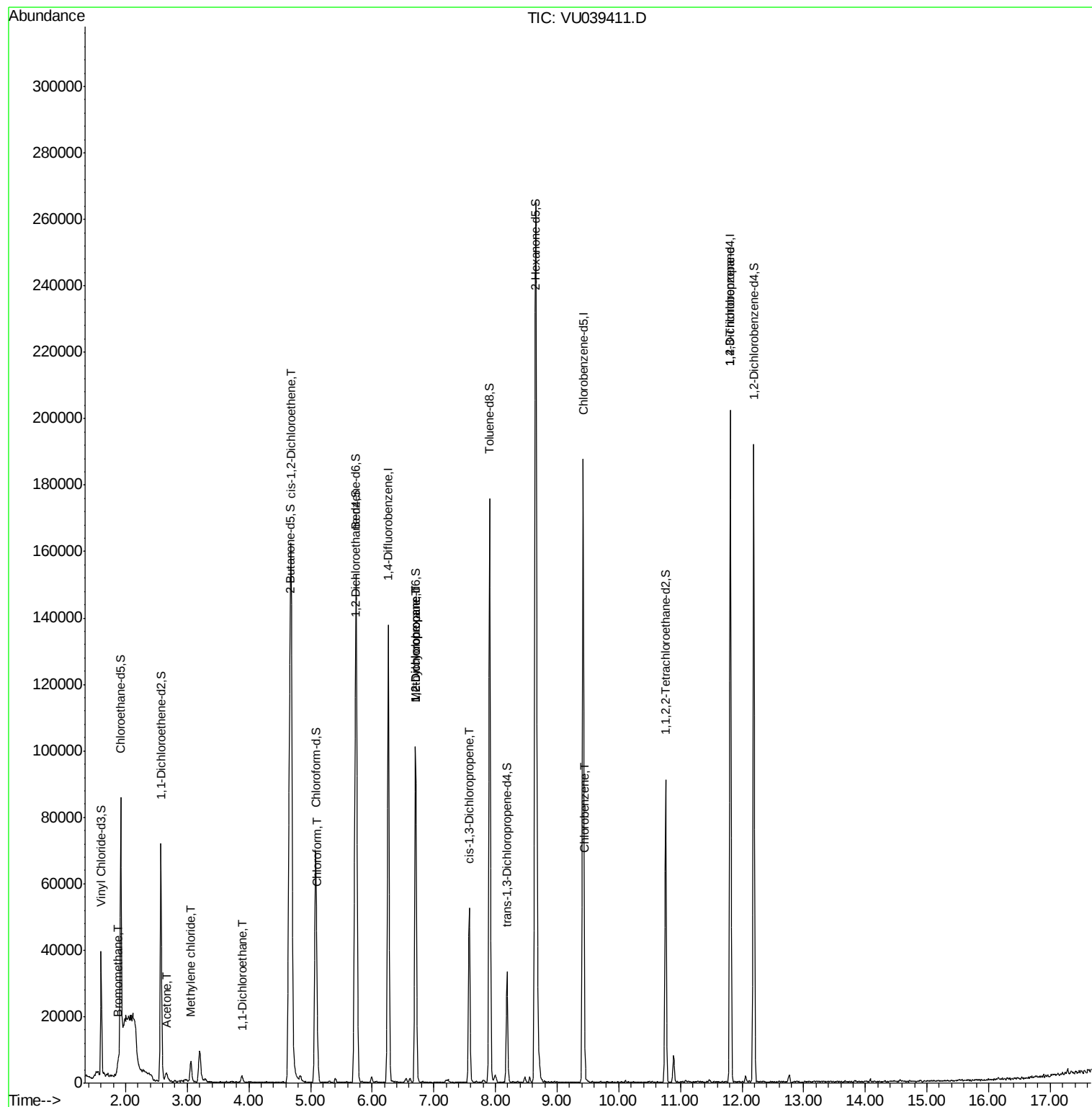
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	518	0.141	ug/L	89
13) Acetone	2.66	43	4687	3.123	ug/L	83
16) Methylene chloride	3.06	84	2575	0.328	ug/L	90
19) 1,1-Dichloroethane	3.88	63	2562	0.190	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	58580	7.569	ug/L	98
25) Chloroform	5.11	83	9621	0.705	ug/L	99
35) Methylcyclohexane	6.70	83	9719	0.816	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4966	0.633	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1828	0.154	ug/L #	74
51) Chlorobenzene	9.45	112	1462	0.078	ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	7628	1.319	ug/L	89

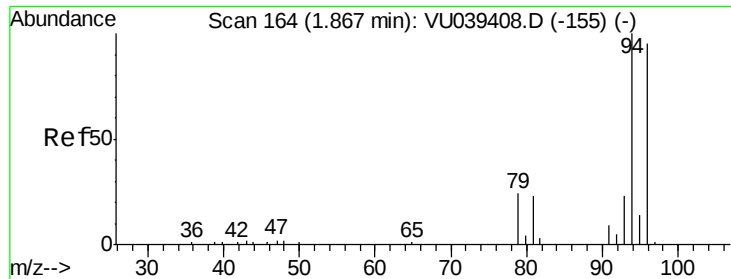
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.141 ug/L

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU039411.D

Acq: 09 Jul 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

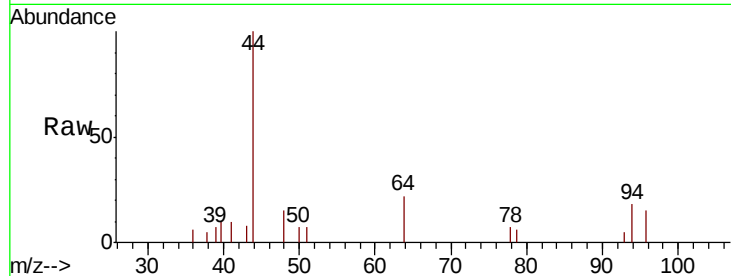
F4B13DL

Tot Ion: 94 Resp: 518

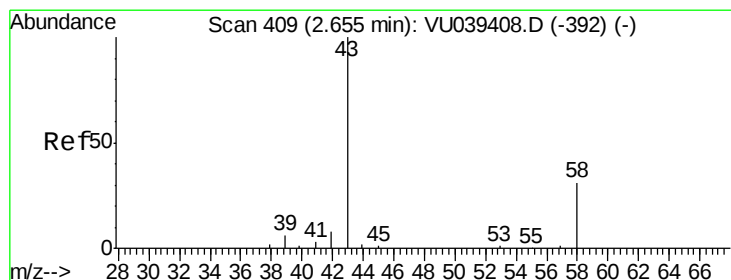
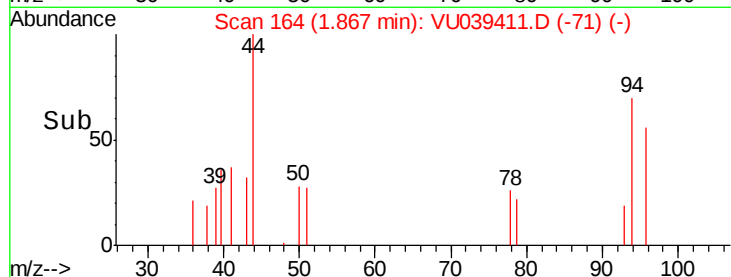
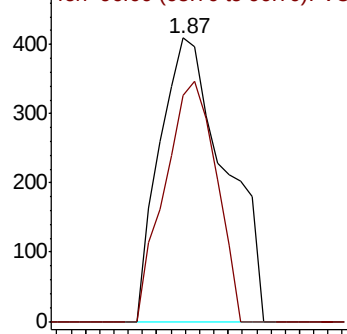
Ion Ratio Lower Upper

94 100

96 79.7 62.7 116.5



Abundance Ion 94.00 (93.70 to 94.70): VU039411.D (-155) (-)



#13

Acetone

Concen: 3.123 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU039411.D

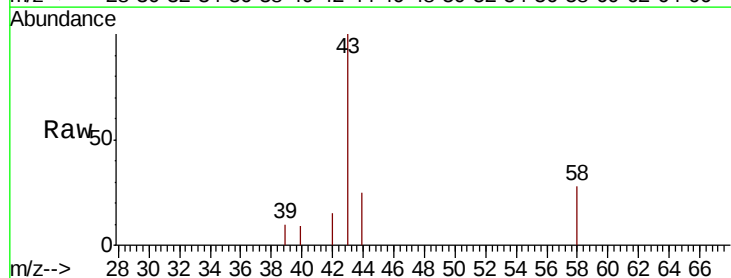
Acq: 09 Jul 2020 22:24

Tgt Ion: 43 Resp: 4687

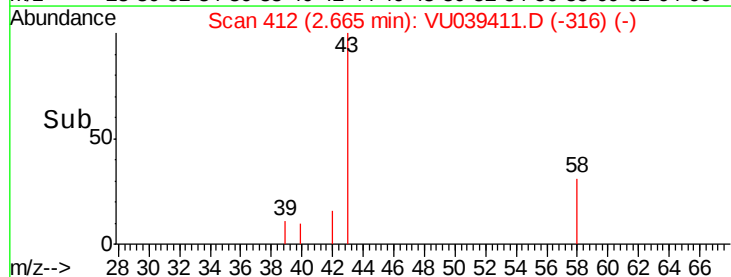
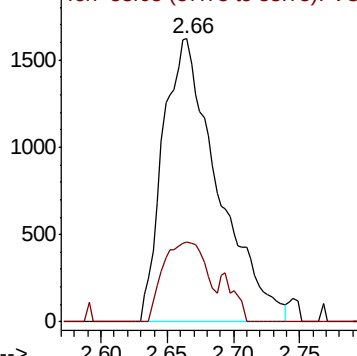
Ion Ratio Lower Upper

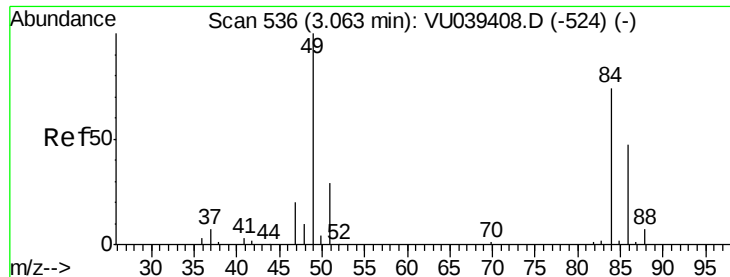
43 100

58 22.3 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039411.D (-392) (-)

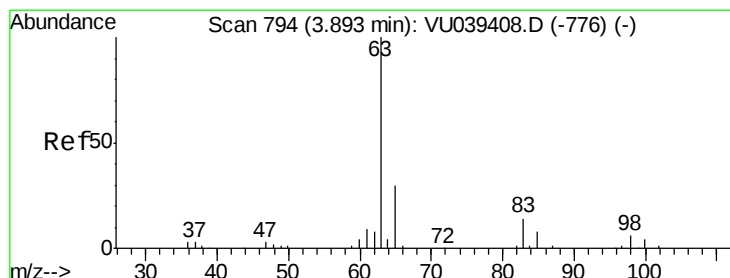
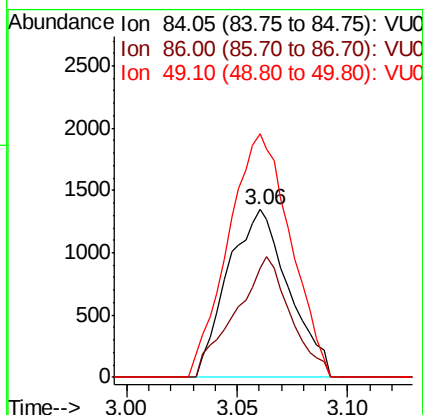
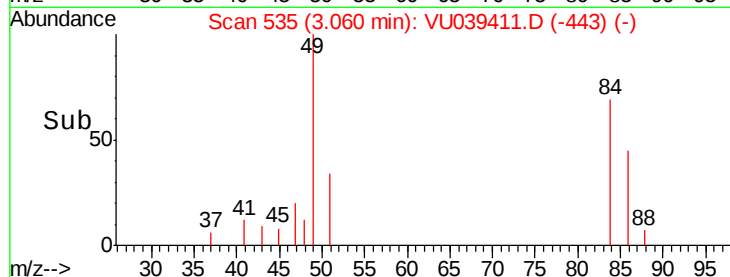
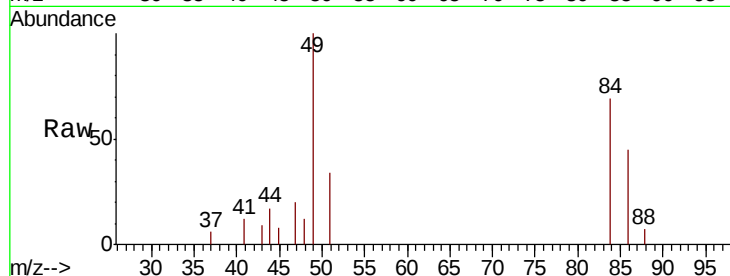




#16
Methvlene chloride
Concen: 0.328 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039411.D
Acq: 09 Jul 2020 22:24

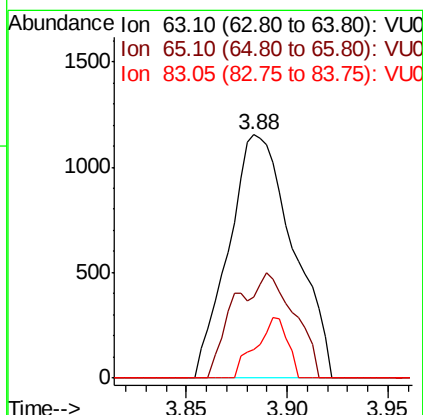
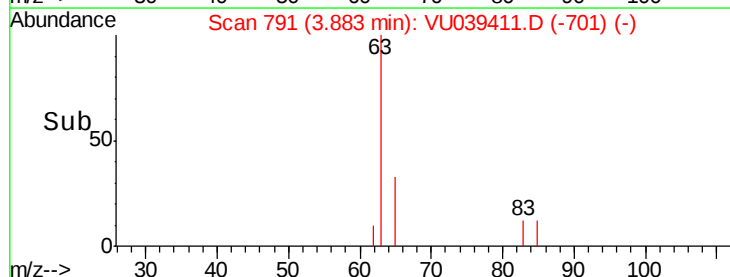
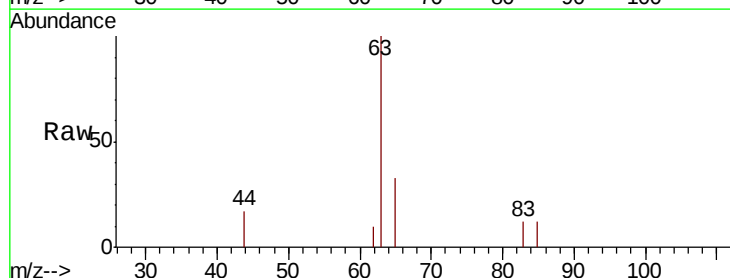
Instrument :
MSVOA_U
ClientSampleId :
F4B13DL

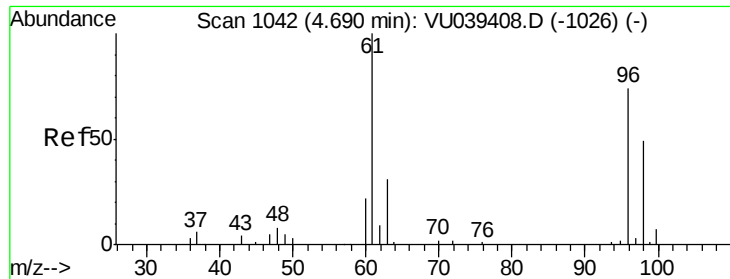
Tot Ion: 84 Resp: 2575
Ion Ratio Lower Upper
84 100
86 65.4 43.5 80.9
49 145.3 91.1 169.1



#19
1,1-Dichloroethane
Concen: 0.190 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.01 min
Lab File: VU039411.D
Acq: 09 Jul 2020 22:24

Tgt Ion: 63 Resp: 2562
Ion Ratio Lower Upper
63 100
65 33.1 23.0 42.6
83 11.5 9.6 17.8

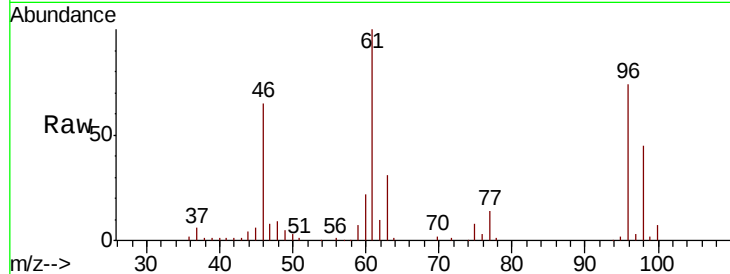




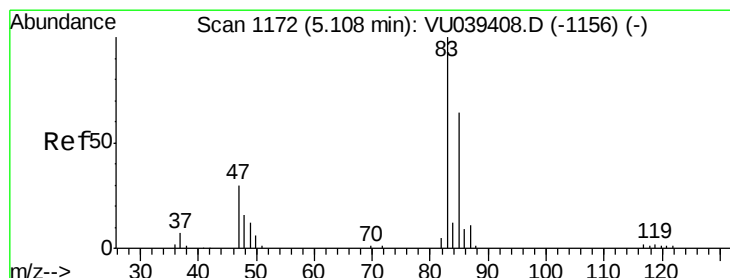
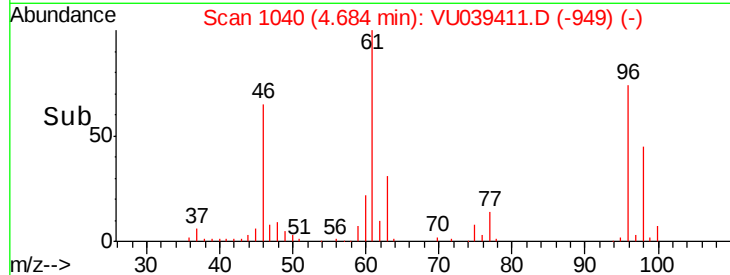
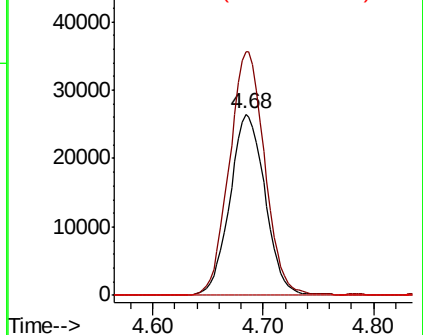
#22
 cis-1,2-Dichloroethene
 Concen: 7.569 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: VU039411.D
 Acq: 09 Jul 2020 22:24

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B13DL

Tot Ion: 96 Resp: 58580
 Ion Ratio Lower Upper
 96 100
 61 134.5 92.8 172.4
 68 0.0 0.0 0.0

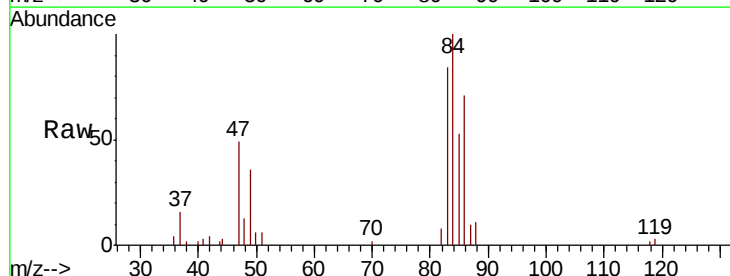


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

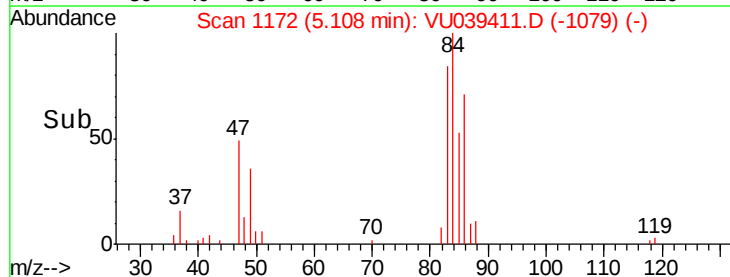
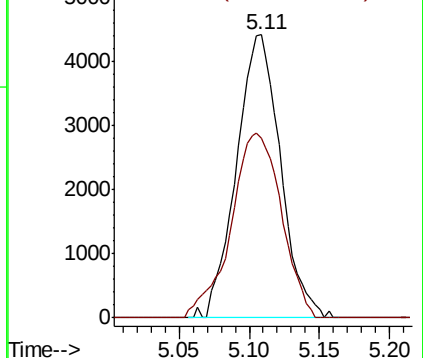


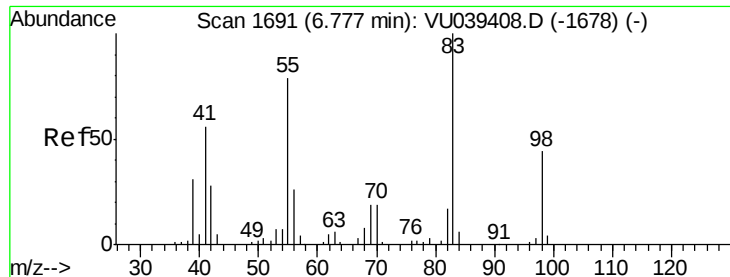
#25
 Chloroform
 Concen: 0.705 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU039411.D
 Acq: 09 Jul 2020 22:24

Tgt Ion: 83 Resp: 9621
 Ion Ratio Lower Upper
 83 100
 85 63.5 44.9 83.5



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

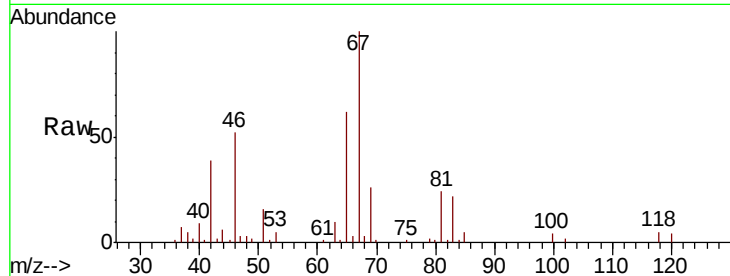




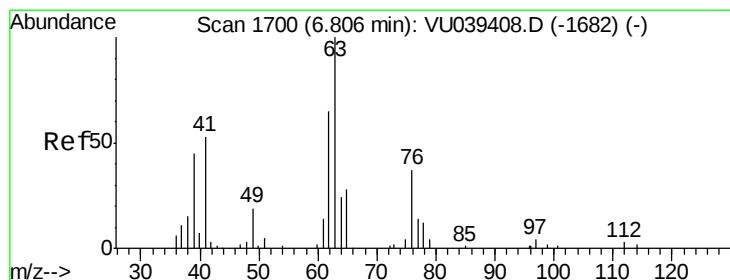
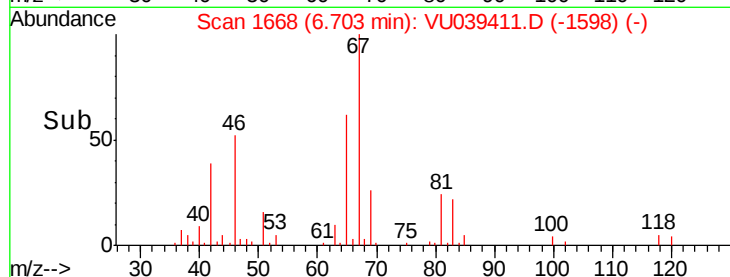
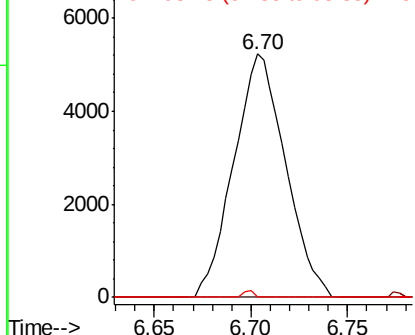
#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039411.D
Acq: 09 Jul 2020 22:24

Instrument :
MSVOA_U
ClientSampleId :
F4B13DL

Tot Ion: 83 Resp: 9719
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 0.5 35.9 53.9#

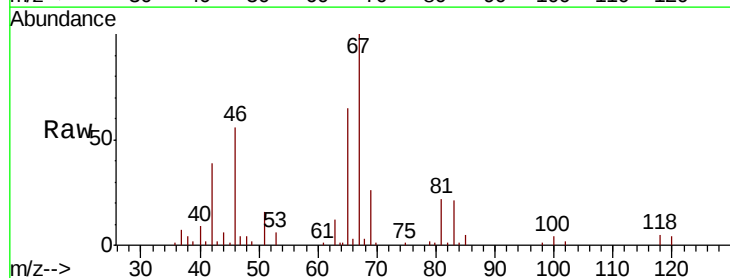


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

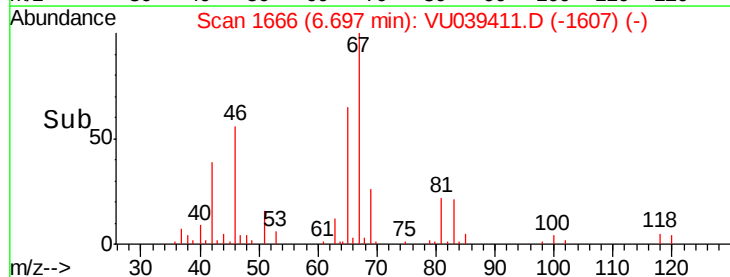
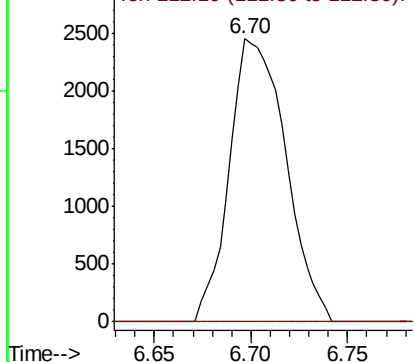


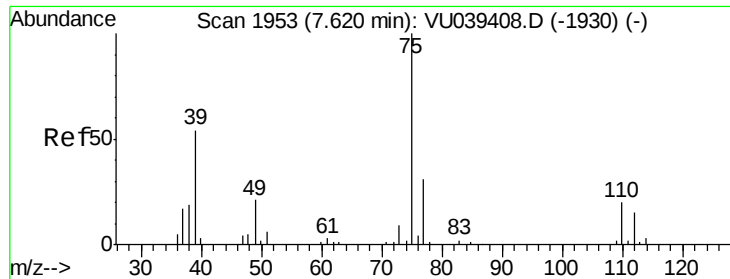
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.11 min
Lab File: VU039411.D
Acq: 09 Jul 2020 22:24

Tgt Ion: 63 Resp: 4966
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

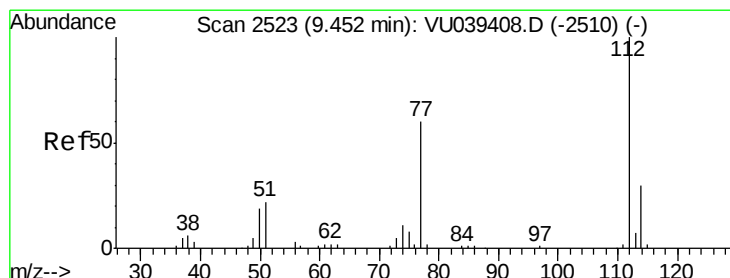
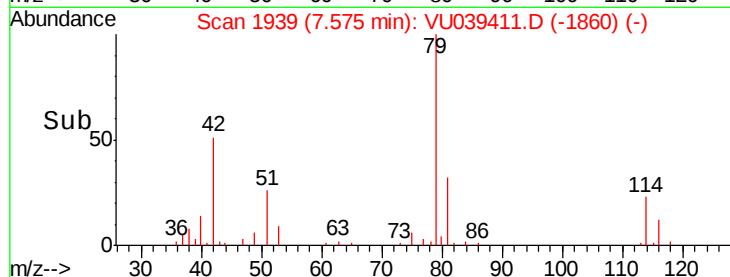
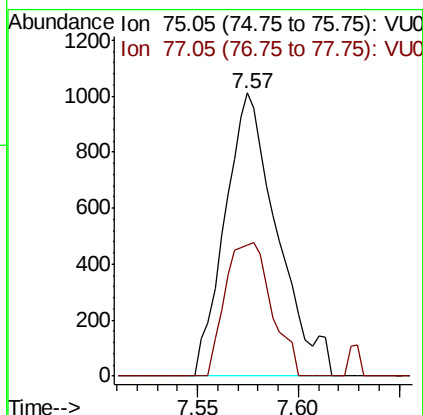
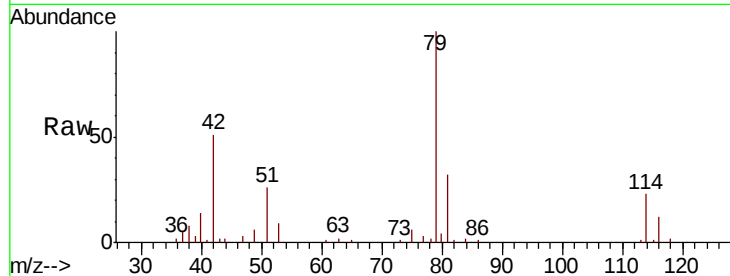




#39
 cis-1,3-Dichloropropene
 Concen: 0.154 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039411.D
 Acq: 09 Jul 2020 22:24

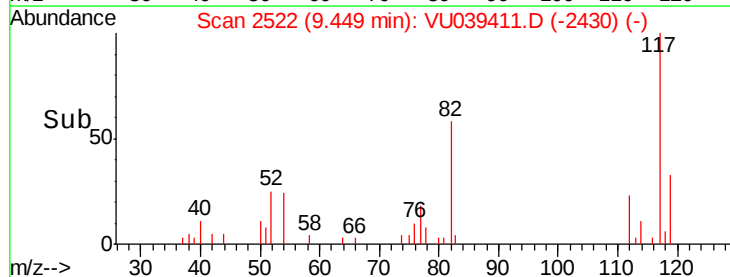
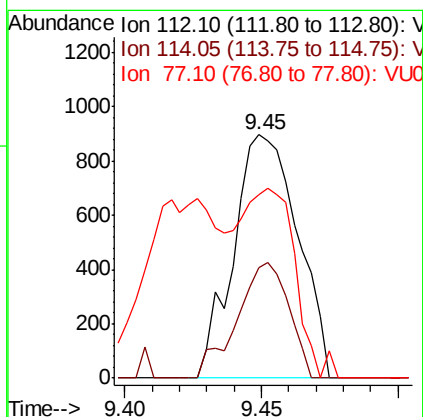
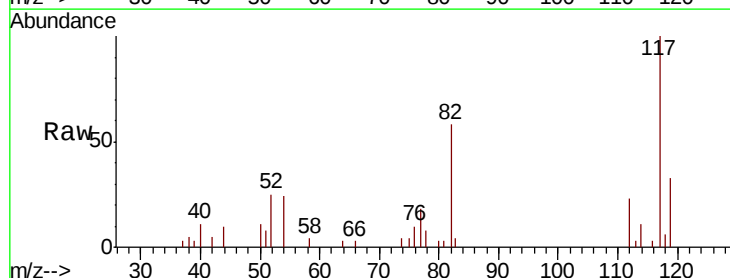
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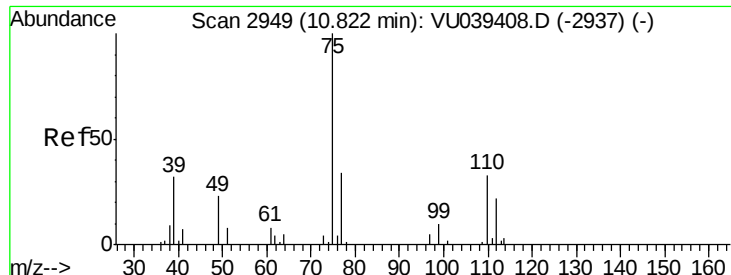
Tot Ion: 75 Resp: 1828
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.3 41.3#



#51
 Chlorobenzene
 Concen: 0.078 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU039411.D
 Acq: 09 Jul 2020 22:24

Tgt Ion: 112 Resp: 1462
 Ion Ratio Lower Upper
 112 100
 114 45.5 22.1 41.1#
 77 75.5 49.9 74.9#





#59

1,2,3-Trichloropropane

Concen: 1.319 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039411.D

Acq: 09 Jul 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

F4B13DL

Tot Ion: 75 Resp: 7628

Ion Ratio Lower Upper

75 100

77 39.8 26.8 40.2

