

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040152.D
 Acq On : 16 Sep 2020 16:50
 Operator : SY/MD
 Sample : L4041-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB4

Quant Time: Sep 17 01:12:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106142	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28292	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.92	69	24462	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	46784	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	107002	46.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	5.08	84	58384	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	40503	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.75	84	114396	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	37731	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.91	98	88549	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	14661	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.64	63	74568	41.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31974	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	35407	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

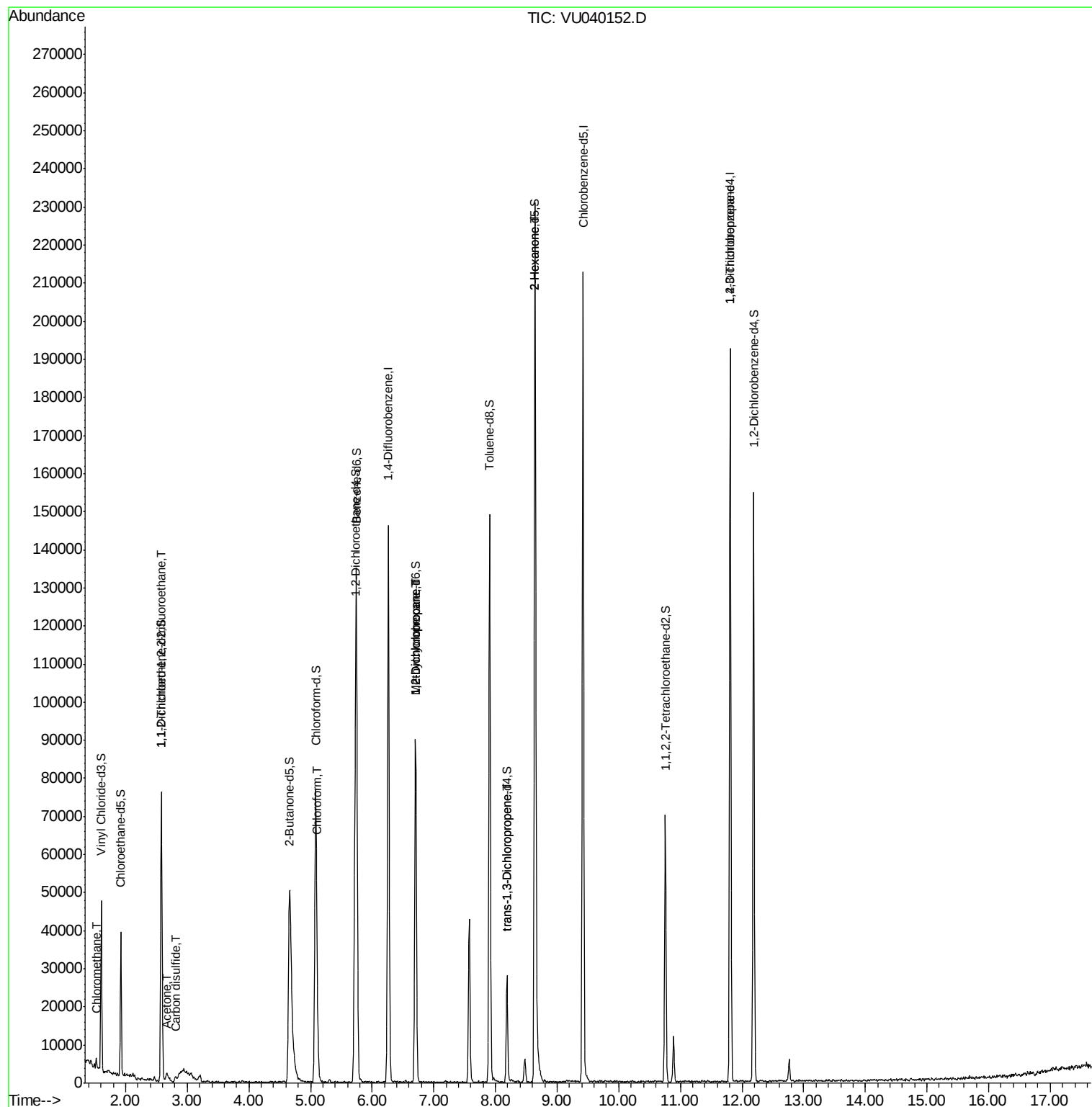
					Ovalue
3) Chloromethane	1.53	50	2017	0.200 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	460	0.048 ug/L #	22
13) Acetone	2.67	43	2241	1.044 ug/L	78
14) Carbon disulfide	2.81	76	1276	0.048 ug/L #	75
25) Chloroform	5.11	83	10415	0.559 ug/L	99
35) Methylcyclohexane	6.70	83	9027	0.573 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4822	0.464 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	962	0.068 ug/L	99
48) 2-Hexanone	8.64	43	11290	1.817 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	6452	0.839 ug/L #	85

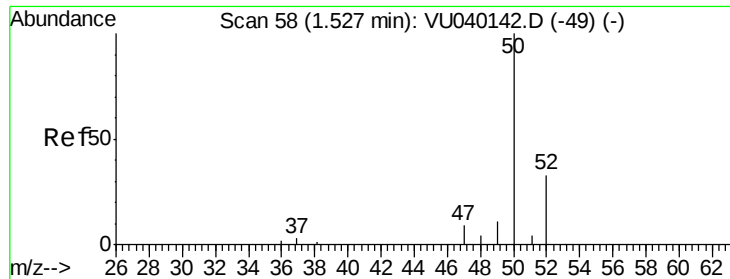
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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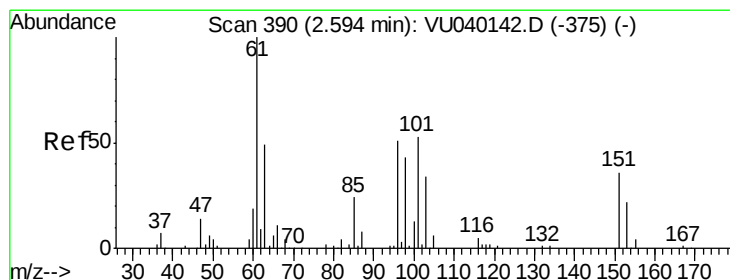
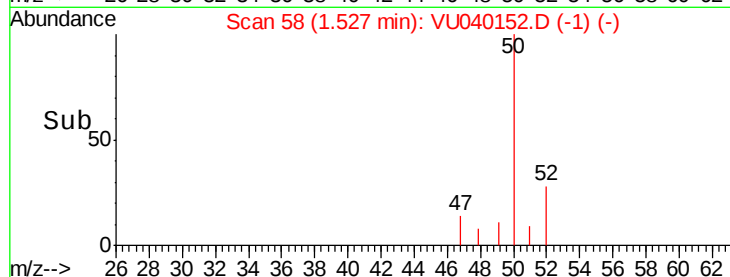
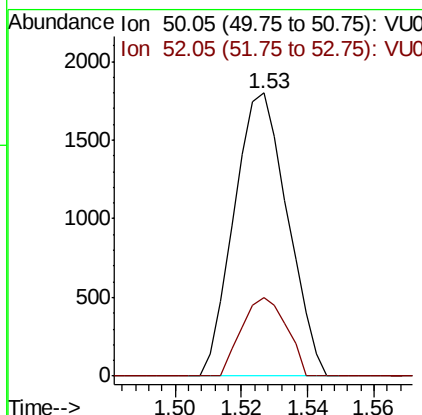
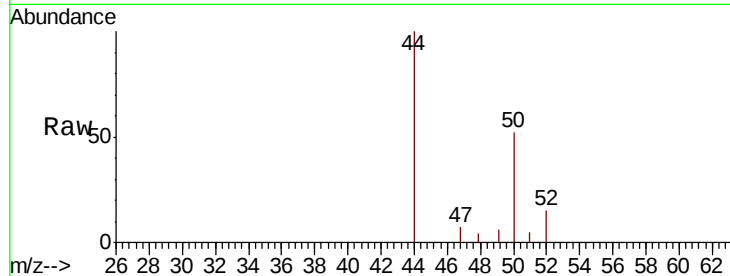




#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040152.D
Acq: 16 Sep 2020 16:50

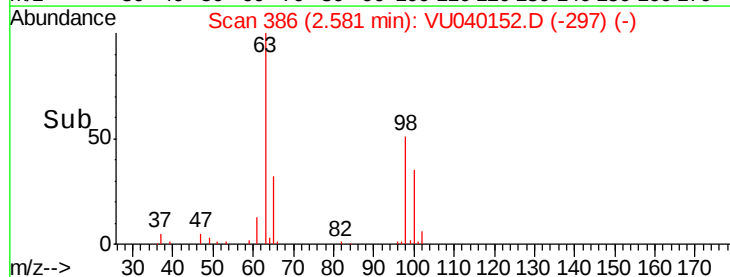
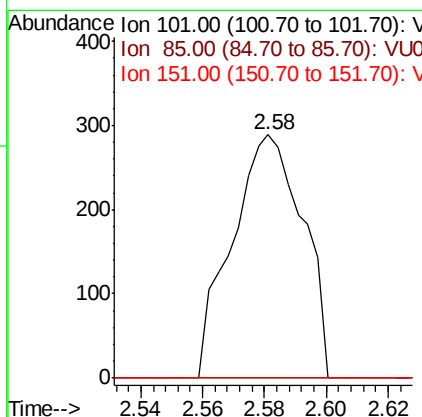
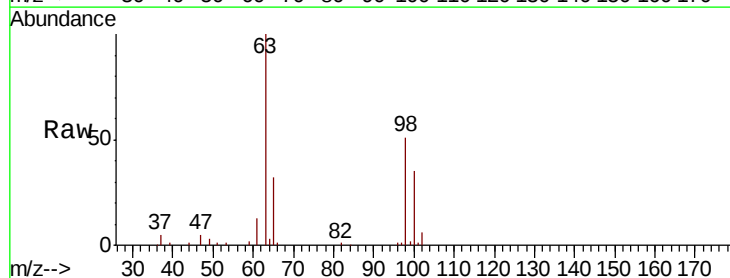
Instrument :
MSVOA_U
ClientSampleId :
C0AB4

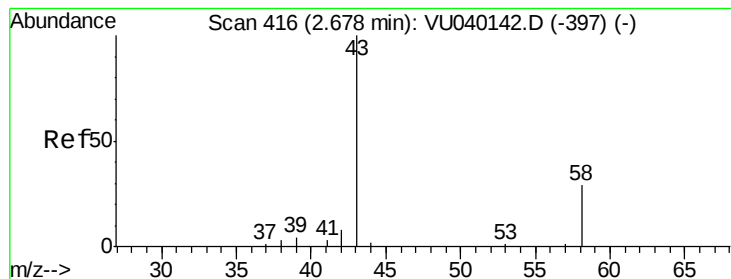
Tot Ion: 50 Resp: 2017
Ion Ratio Lower Upper
50 100
52 28.0 22.8 42.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040152.D
Acq: 16 Sep 2020 16:50

Tgt Ion: 101 Resp: 460
Ion Ratio Lower Upper
101 100
85 0.0 37.7 56.5#
151 0.0 53.9 80.9#





#13

Acetone

Concen: 1.044 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU040152.D

Acq: 16 Sep 2020 16:50

Instrument :

MSVOA_U

ClientSampleId :

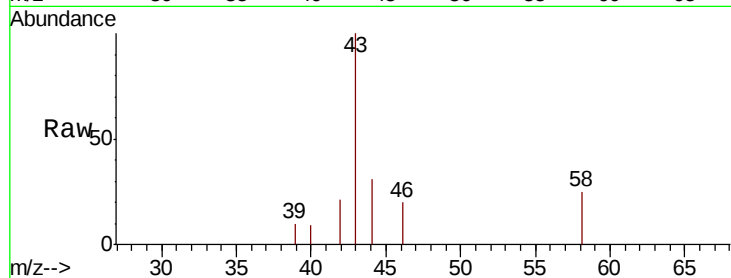
C0AB4

Tot Ion: 43 Resp: 2241

Ion Ratio Lower Upper

43 100

58 16.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040152.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU040152.D (-397) (-)

2.67

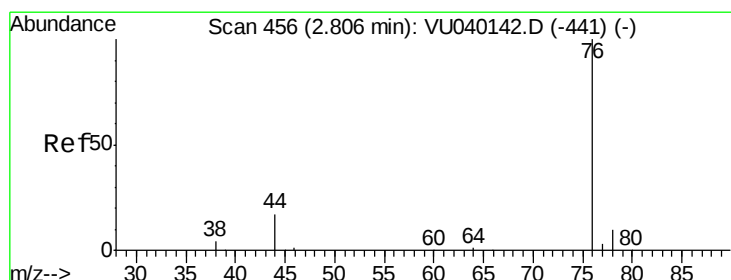
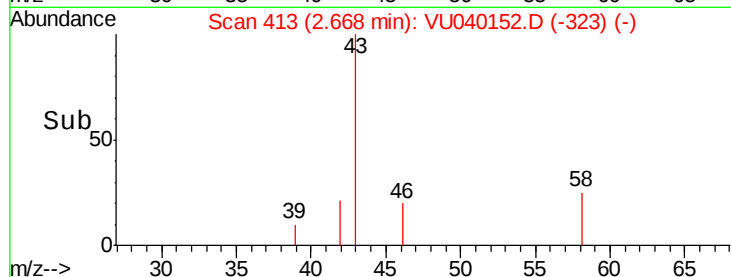
1000

500

0

Time-->

2.62 2.64 2.66 2.68



#14

Carbon disulfide

Concen: 0.048 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040152.D

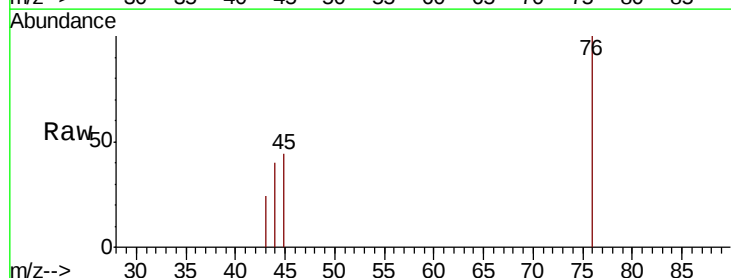
Acq: 16 Sep 2020 16:50

Tgt Ion: 76 Resp: 1276

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040152.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040152.D (-441) (-)

2.81

800

600

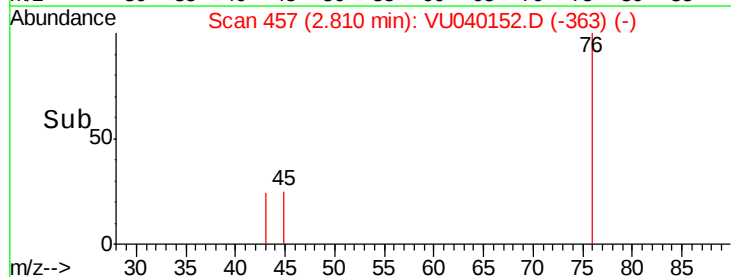
400

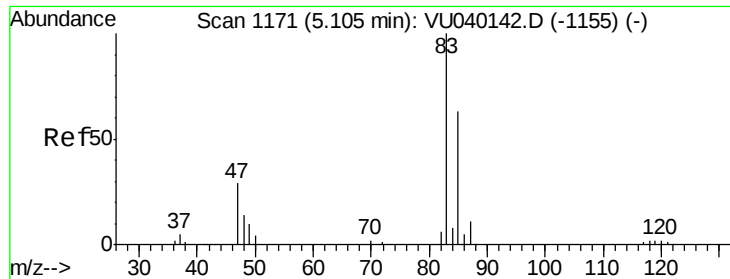
200

0

Time-->

2.80 2.85

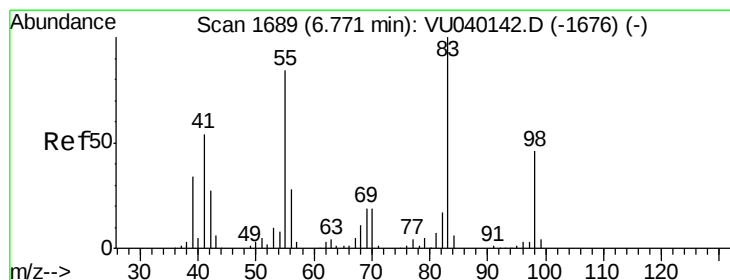
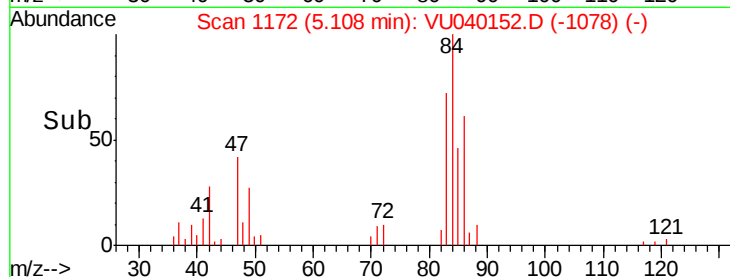
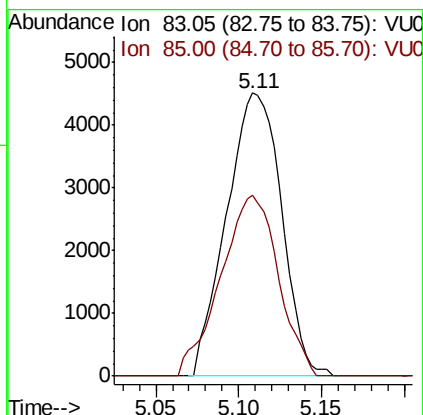
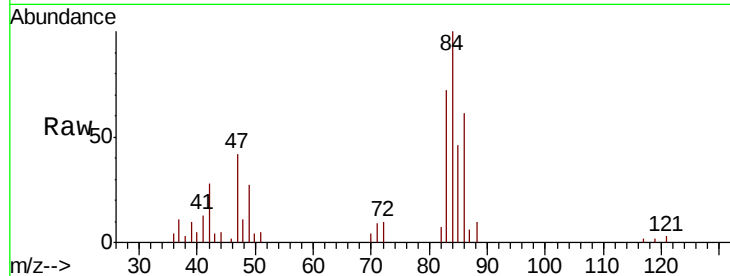




#25
Chloroform
Concen: 0.559 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040152.D
Acq: 16 Sep 2020 16:50

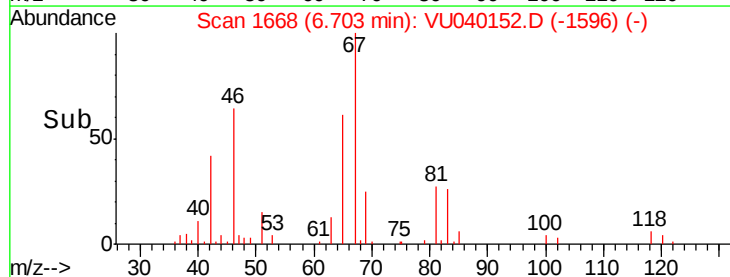
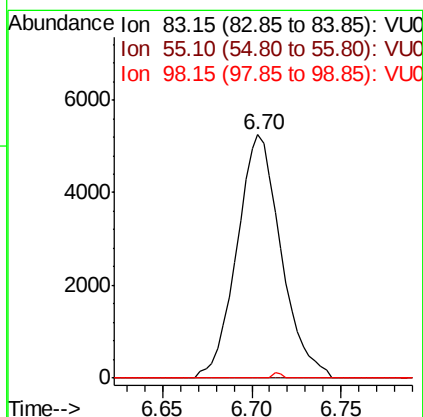
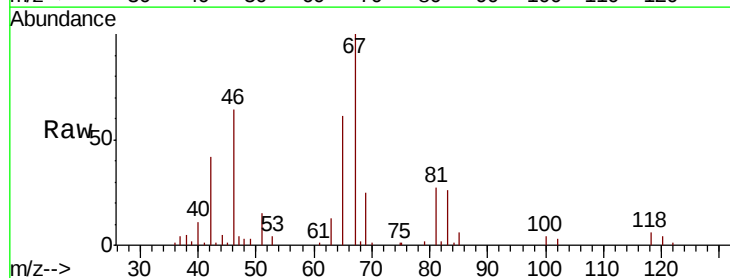
Instrument :
MSVOA_U
ClientSampled :
C0AB4

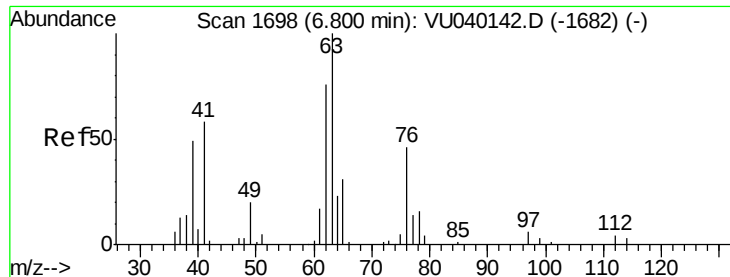
Tot Ion: 83 Resp: 10415
Ion Ratio Lower Upper
83 100
85 63.9 45.3 84.1



#35
Methylcyclohexane
Concen: 0.573 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040152.D
Acq: 16 Sep 2020 16:50

Tgt Ion: 83 Resp: 9027
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

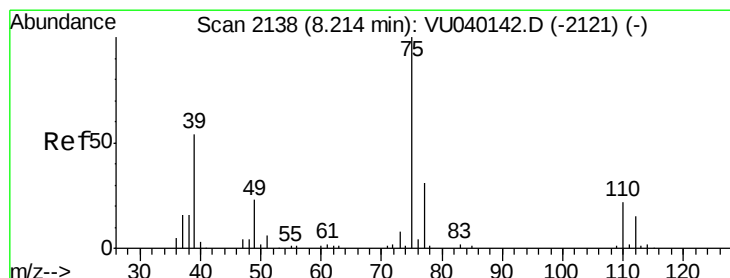
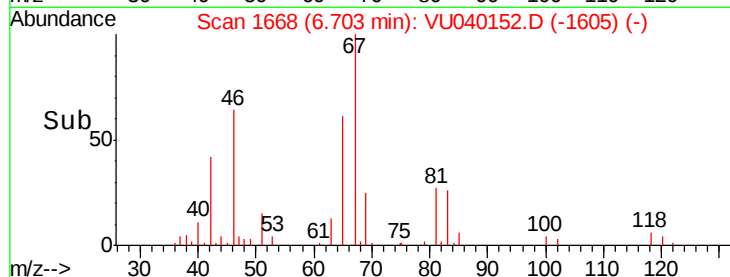
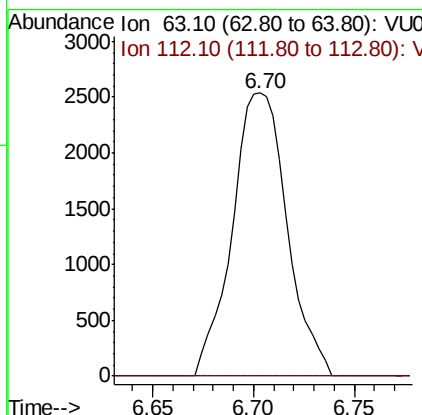
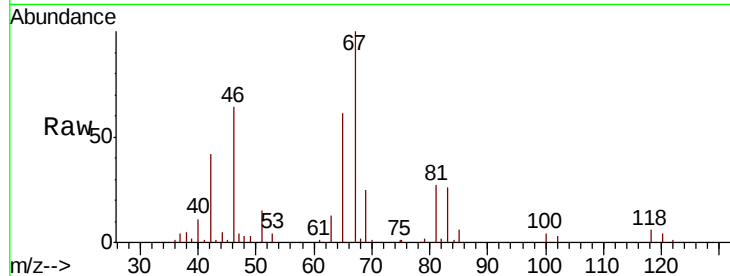




#37
 1,2-Dichloropropane
 Concen: 0.464 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040152.D
 Acq: 16 Sep 2020 16:50

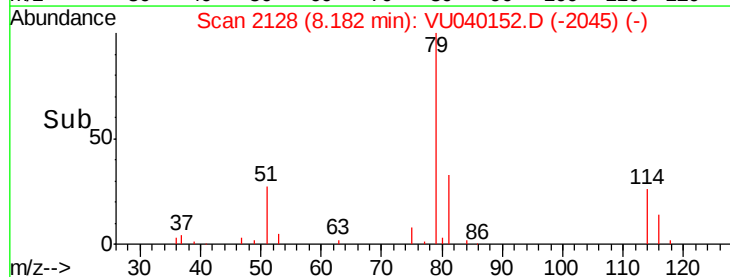
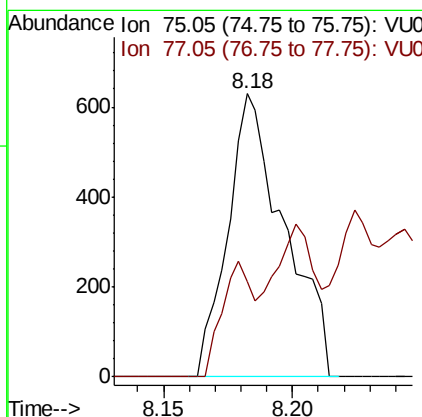
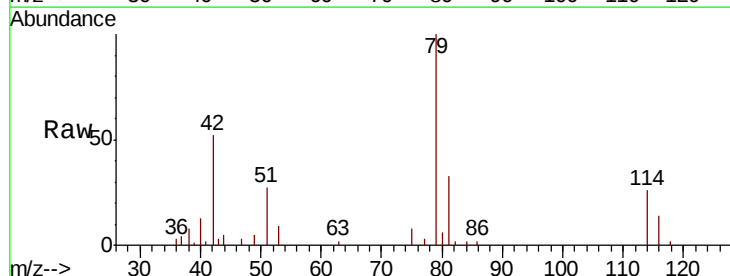
Instrument :
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 ClientSampleId :
 C0AB4

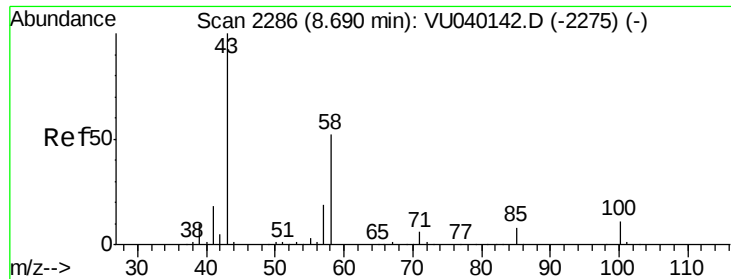
Tot Ion: 63 Resp: 4822
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040152.D
 Acq: 16 Sep 2020 16:50

Tgt Ion: 75 Resp: 962
 Ion Ratio Lower Upper
 75 100
 77 33.7 23.9 44.3

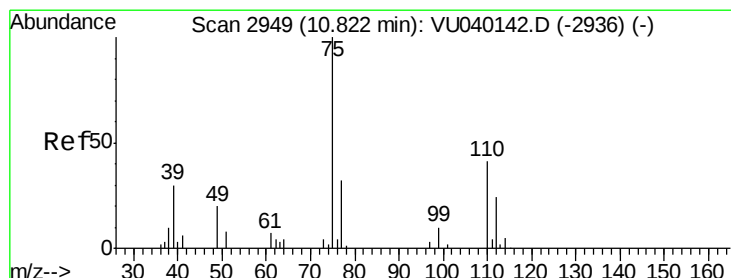
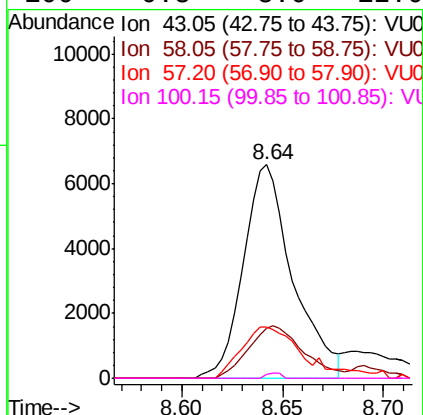
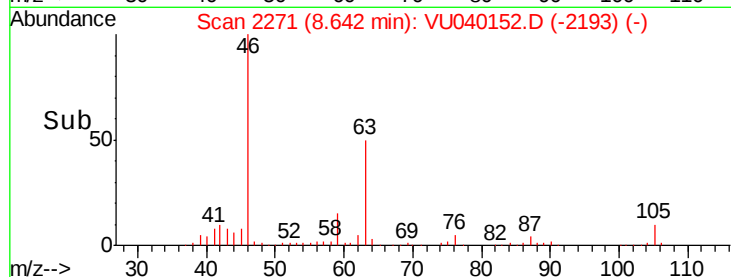
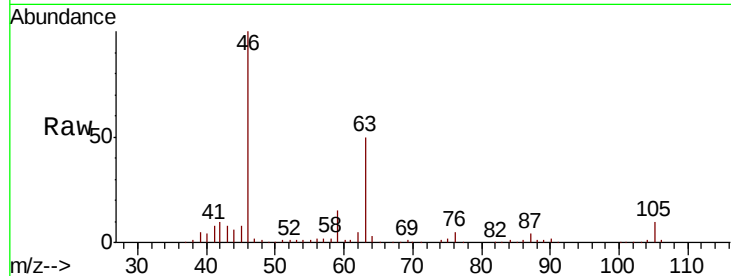




#48
 2-Hexanone
 Concen: 1.817 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040152.D
 Acq: 16 Sep 2020 16:50

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	27.2	39.6	59.4#
57	30.7	14.3	21.5#
100	0.8	8.0	12.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.839 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040152.D
 Acq: 16 Sep 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.2	24.9	37.3#

