

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040183.D
 Acq On : 17 Sep 2020 15:57
 Operator : SY/MD
 Sample : L4041-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE8

Quant Time: Sep 18 04:03:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120794	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54867	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29481	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.92	69	25752	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	50753	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.65	46	125227	47.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.94%
24) Chloroform-d	5.08	84	69226	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	44061	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.75	84	128743	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	42798	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.91	98	104112	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	17588	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	93326	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39371	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	43283	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

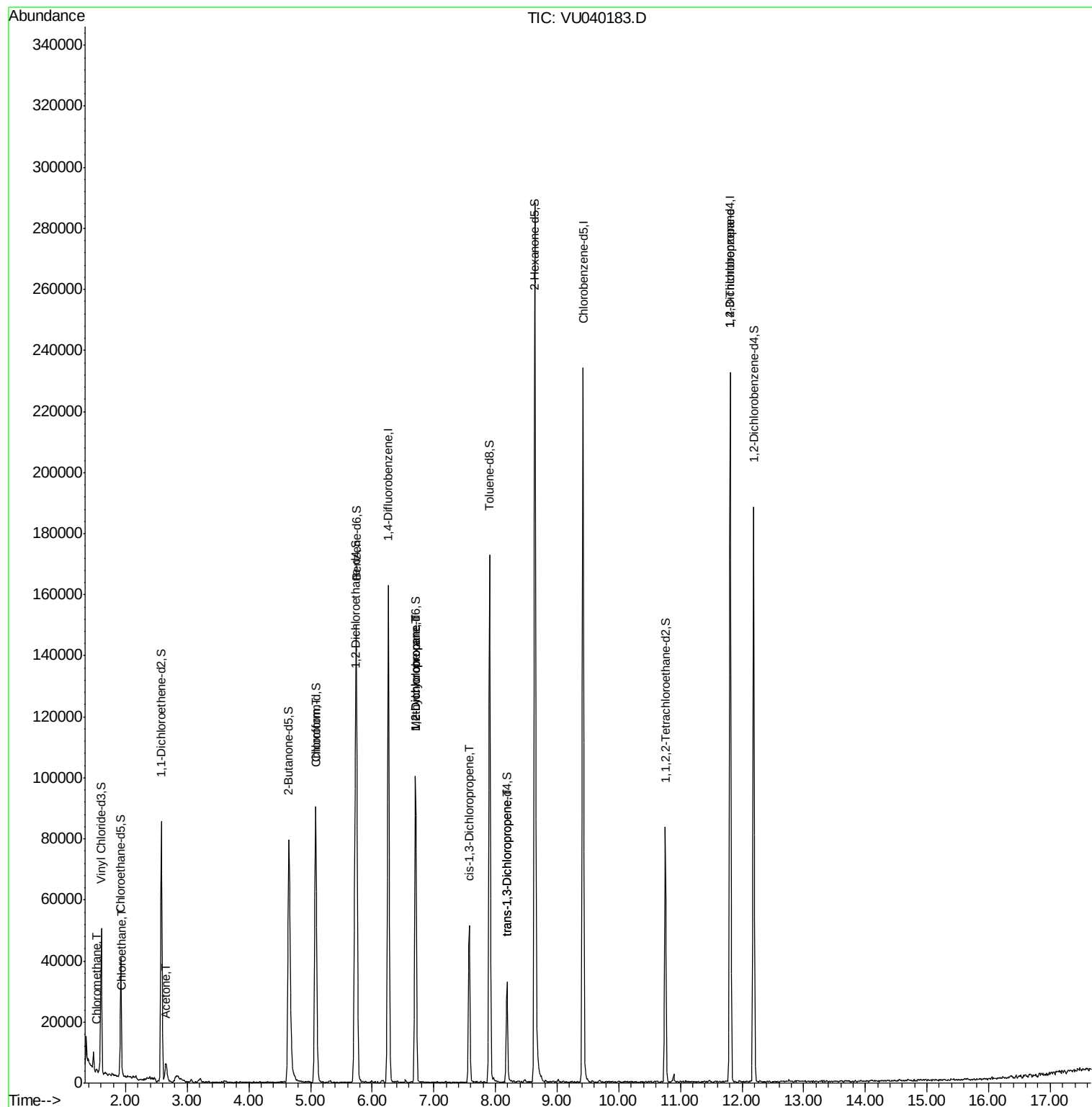
					Ovalue
3) Chloromethane	1.53	50	969	0.084	ug/L 84
8) Chloroethane	1.94	64	441	0.063	ug/L 84
13) Acetone	2.65	43	10235	4.191	ug/L 99
25) Chloroform	5.10	83	2760	0.130	ug/L 76
35) Methylcyclohexane	6.70	83	9953	0.574	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	4732	0.414	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1463	0.087	ug/L # 78
44) trans-1,3-Dichloropropene	8.19	75	1107	0.071	ug/L 91
59) 1,2,3-Trichloropropane	11.81	75	8045	0.950	ug/L # 78

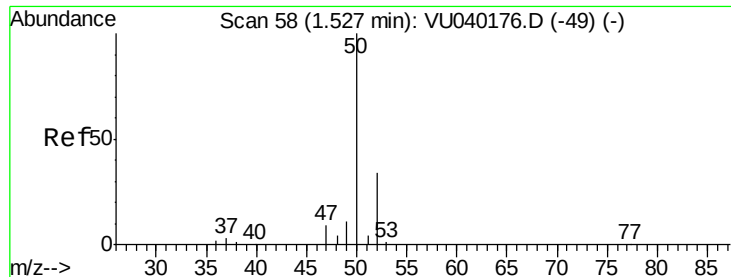
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040183.D

Acq: 17 Sep 2020 15:57

Instrument :

MSVOA_U

ClientSampleId :

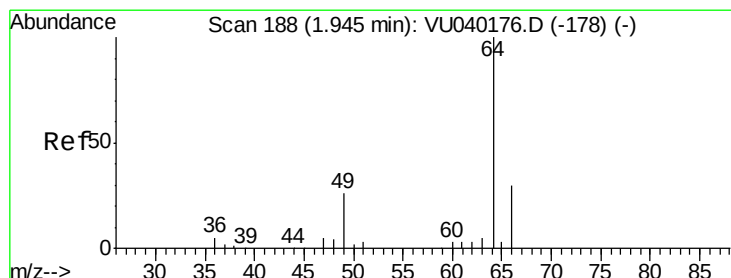
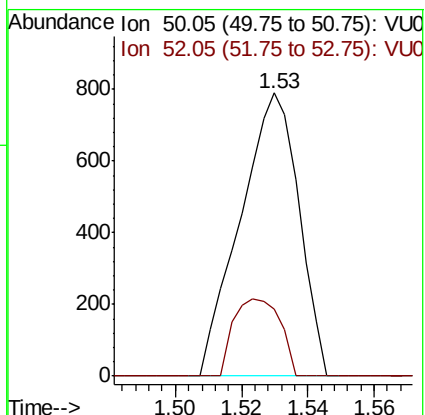
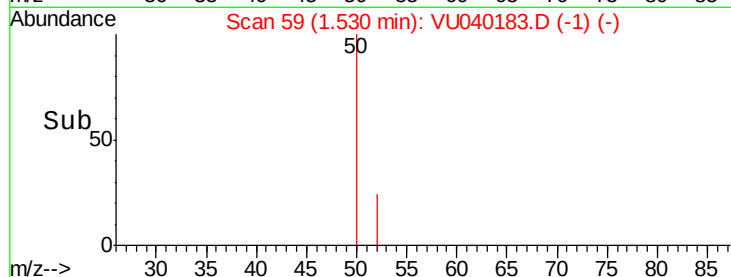
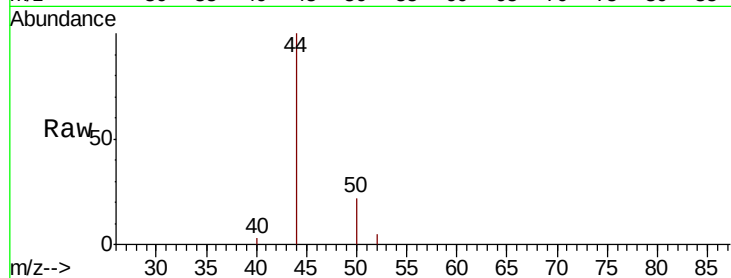
C0AE8

Tot Ion: 50 Resp: 969

Ion Ratio Lower Upper

50 100

52 23.8 22.8 42.4



#8

Chloroethane

Concen: 0.063 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040183.D

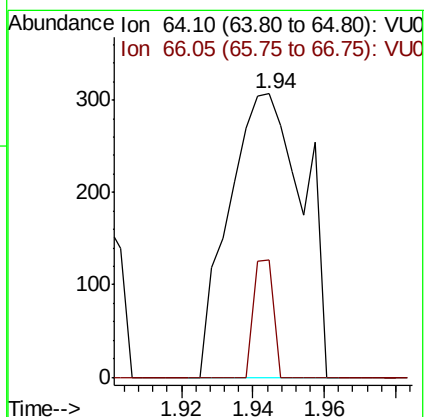
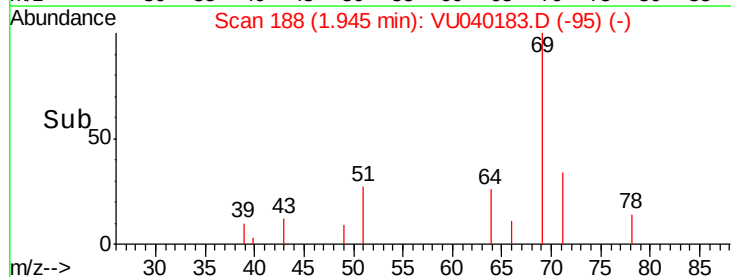
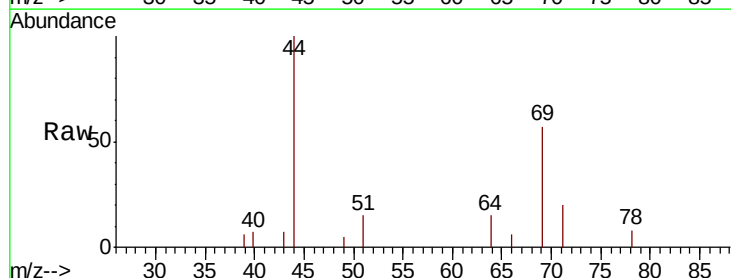
Acq: 17 Sep 2020 15:57

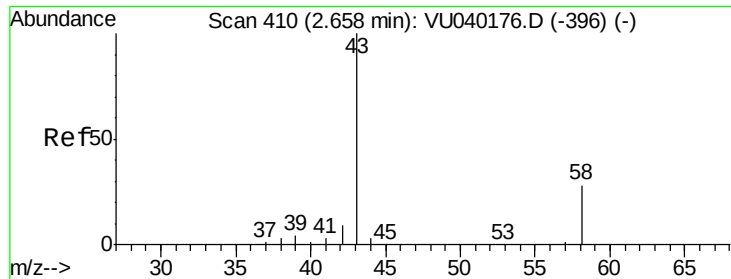
Tgt Ion: 64 Resp: 441

Ion Ratio Lower Upper

64 100

66 41.4 22.7 42.1





#13

Acetone

Concen: 4.191 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU040183.D

Acq: 17 Sep 2020 15:57

Instrument :

MSVOA_U

ClientSampleId :

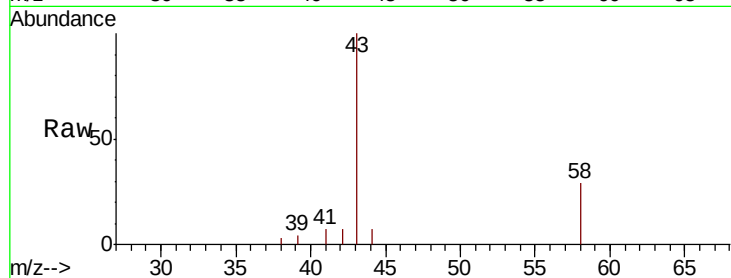
C0AE8

Tot Ion: 43 Resp: 10235

Ion Ratio Lower Upper

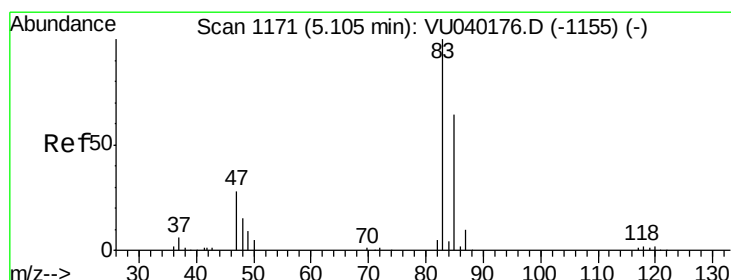
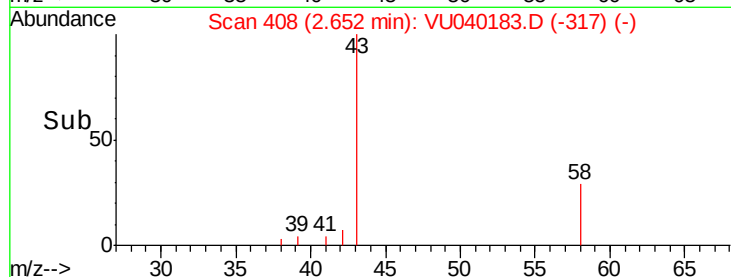
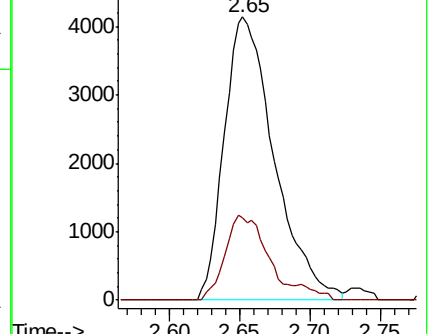
43 100

58 27.2 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.130 ug/L

RT: 5.10 min Scan# 1168

Delta R.T. -0.01 min

Lab File: VU040183.D

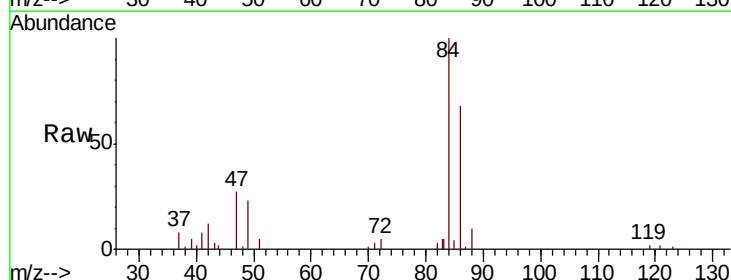
Acq: 17 Sep 2020 15:57

Tgt Ion: 83 Resp: 2760

Ion Ratio Lower Upper

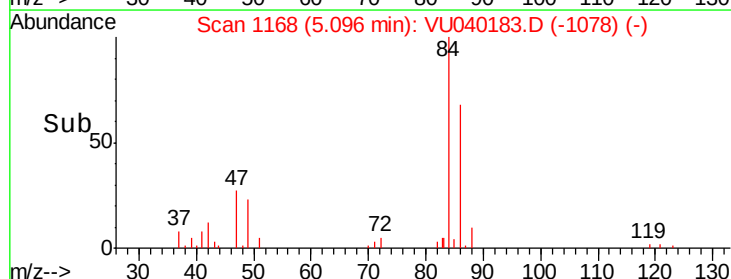
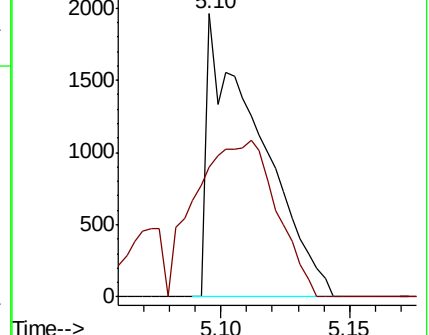
83 100

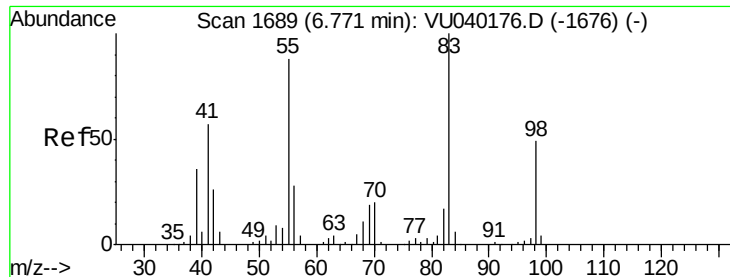
85 45.6 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

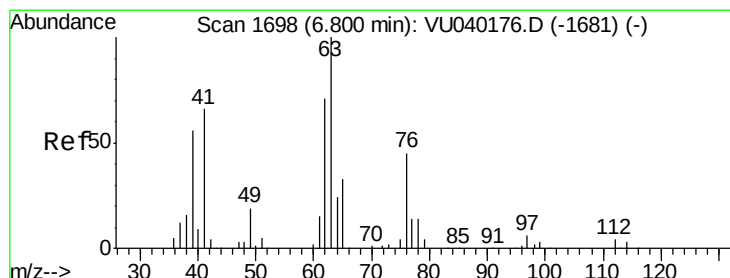
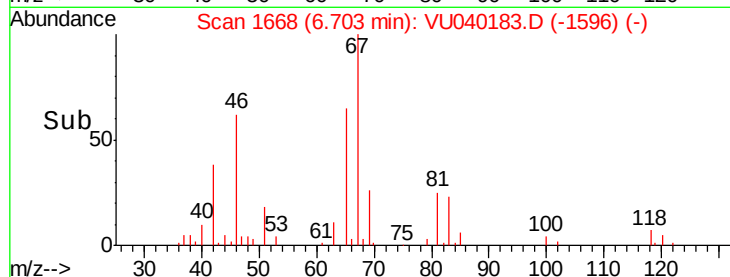
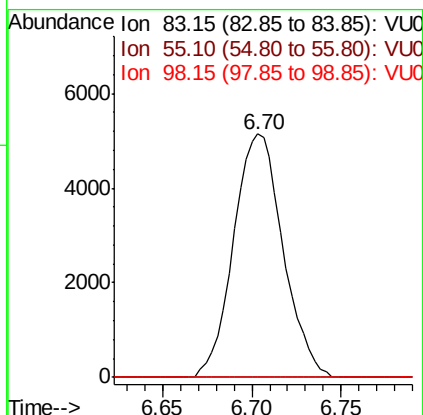
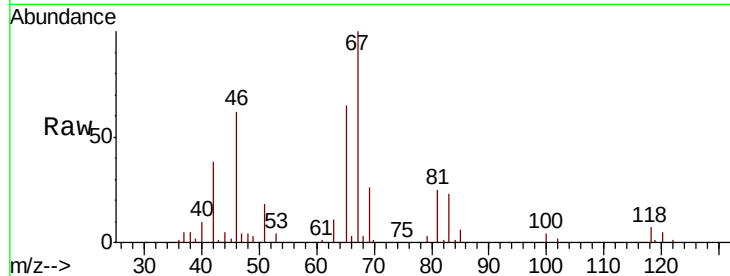




#35
Methylvlcyclohexane
Concen: 0.574 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040183.D
Acq: 17 Sep 2020 15:57

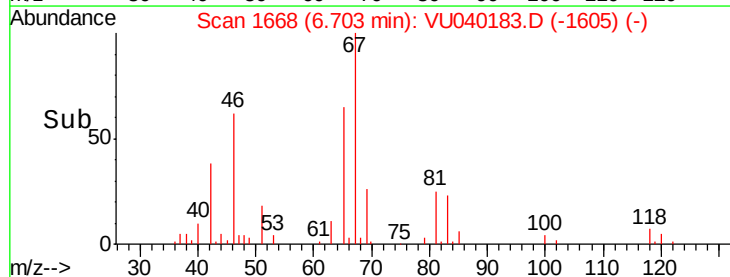
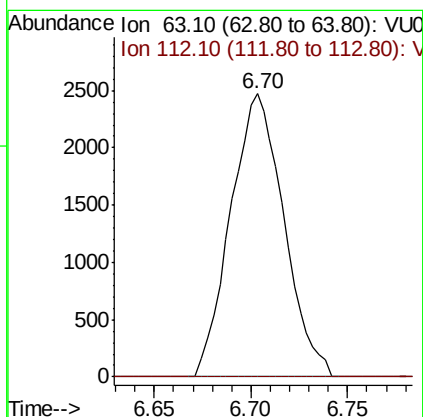
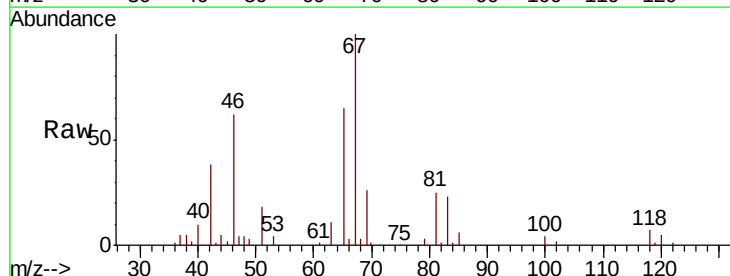
Instrument :
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ClientSampleId :
C0AE8

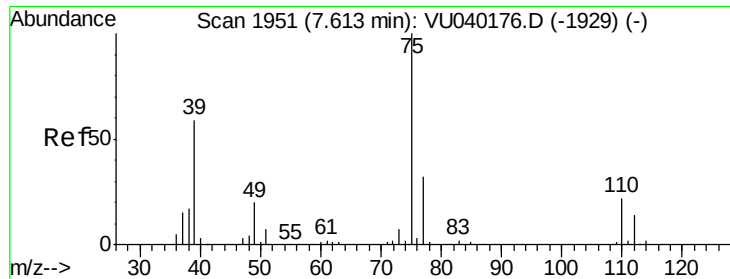
Tot Ion: 83 Resp: 9953
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.414 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040183.D
Acq: 17 Sep 2020 15:57

Tgt Ion: 63 Resp: 4732
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

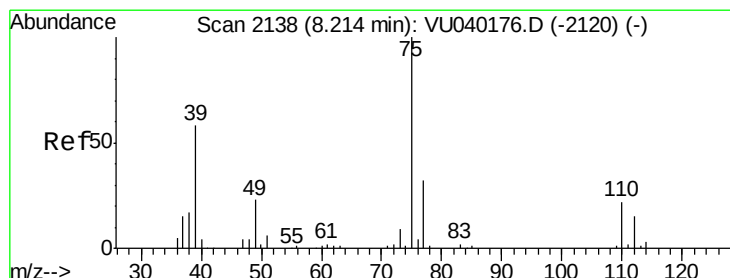
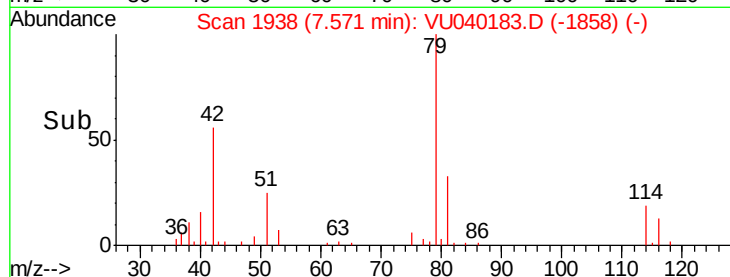
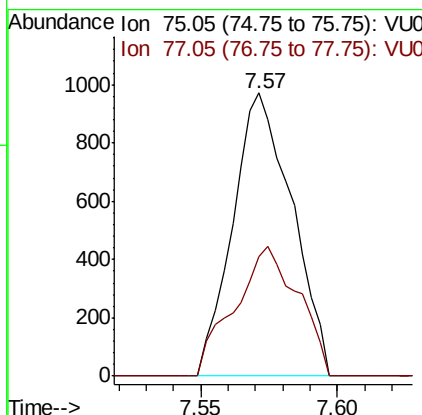
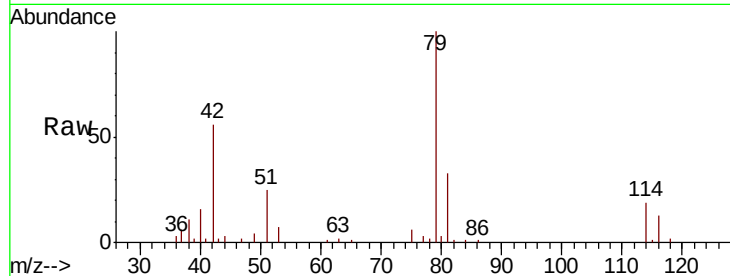




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040183.D
 Acq: 17 Sep 2020 15:57

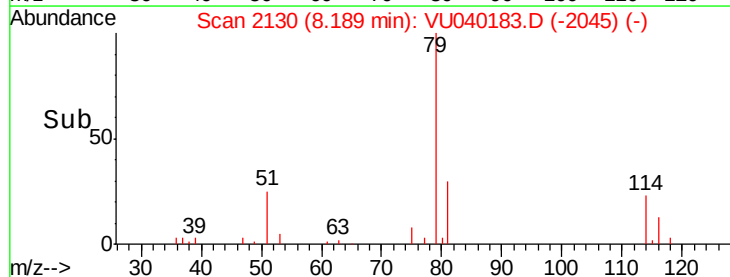
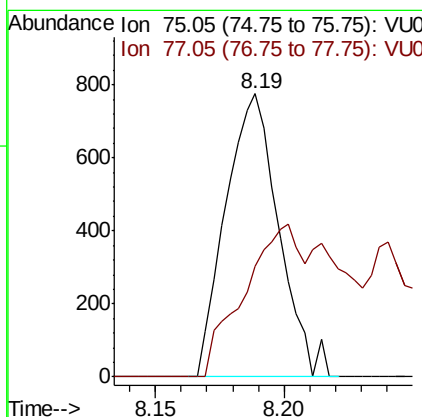
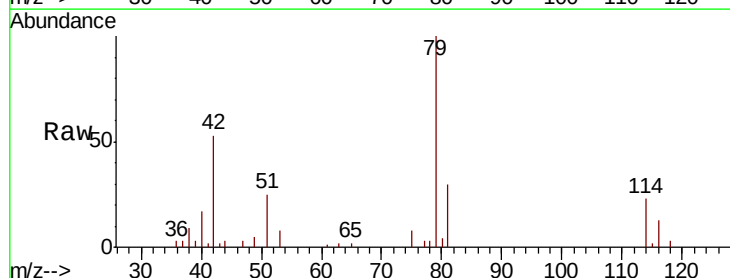
Instrument :
 MSVOA_U
 ClientSampled :
 C0AE8

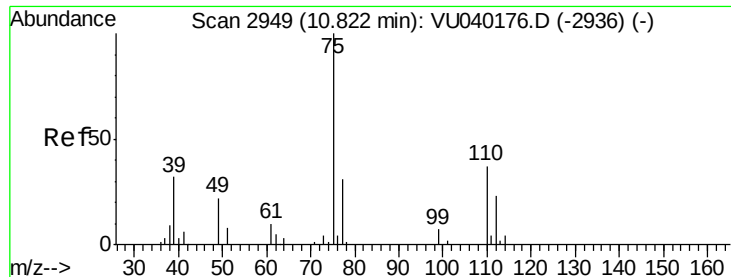
Tot Ion: 75 Resp: 1463
 Ion Ratio Lower Upper
 75 100
 77 42.3 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040183.D
 Acq: 17 Sep 2020 15:57

Tgt Ion: 75 Resp: 1107
 Ion Ratio Lower Upper
 75 100
 77 39.2 23.9 44.3





#59

1,2,3-Trichloropropane

Concen: 0.950 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040183.D

Acq: 17 Sep 2020 15:57

Instrument :

MSVOA_U

ClientSampleId :

C0AE8

Tot Ion: 75 Resp: 8045

Ion Ratio Lower Upper

75 100

77 43.0 24.9 37.3#

