

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040219.D
 Acq On : 18 Sep 2020 18:22
 Operator : SY/MD
 Sample : L4078-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

Quant Time: Sep 18 23:24:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113138	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26900	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.92	69	26188	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	47223	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	126682	51.27	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	5.08	84	67085	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	42398	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.75	84	121452	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	41762	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	95452	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	16219	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	90146	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36393	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	38853	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

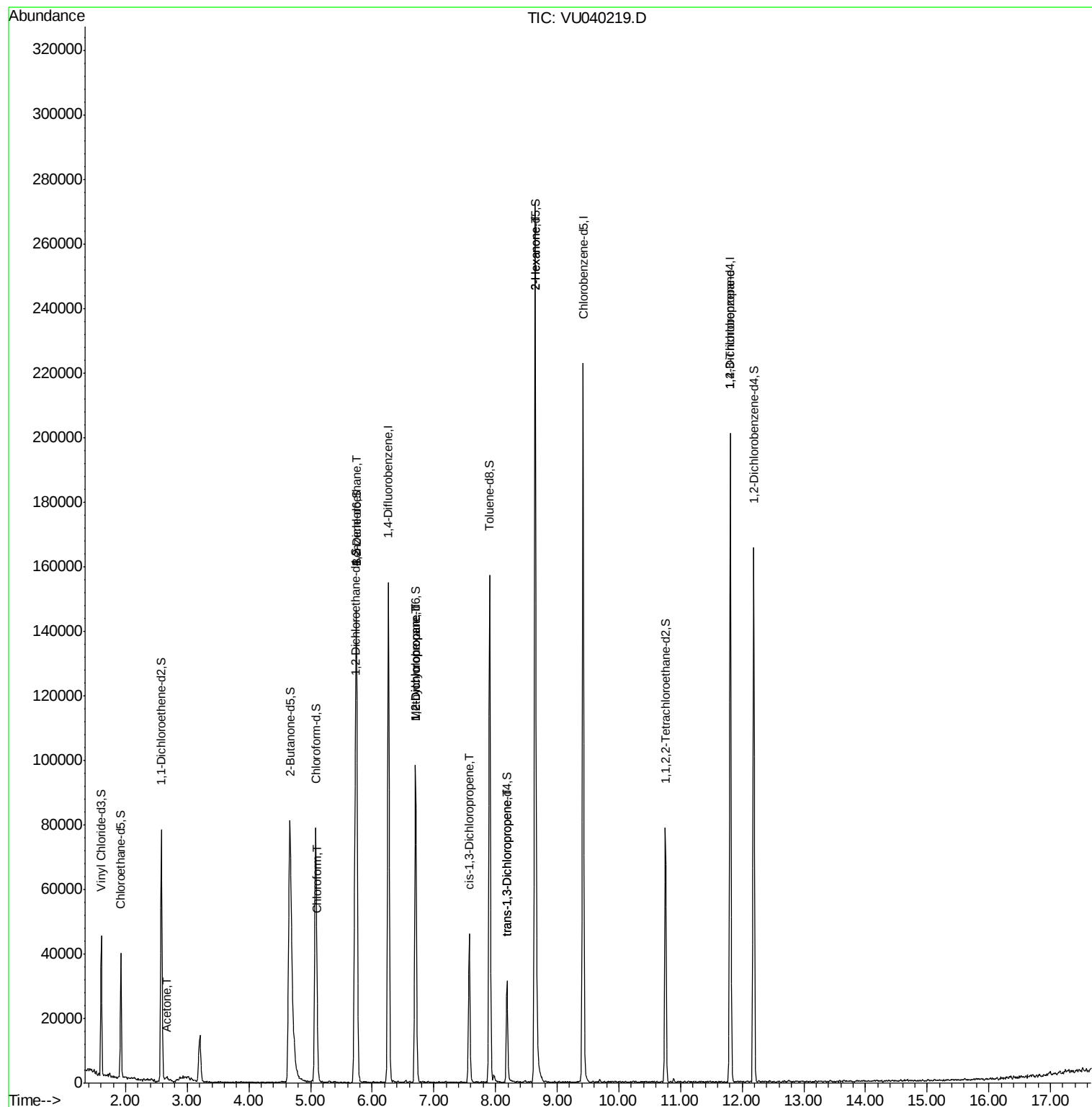
					Ovalue
13) Acetone	2.67	43	2589	1.132	ug/L 72
25) Chloroform	5.11	83	3491	0.176	ug/L # 71
27) 1,2-Dichloroethane	5.74	62	689	0.047	ug/L # 78
35) Methylcyclohexane	6.70	83	10361	0.624	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5158	0.471	ug/L # 90
39) cis-1,3-Dichloropropene	7.57	75	1118	0.069	ug/L # 72
44) trans-1,3-Dichloropropene	8.19	75	777	0.052	ug/L # 27
48) 2-Hexanone	8.64	43	14270	2.178	ug/L # 75
59) 1,2,3-Trichloropropane	11.80	75	6566	0.810	ug/L 94

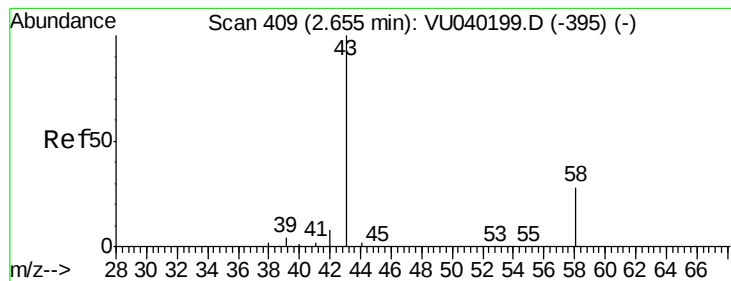
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.132 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.02 min

Lab File: VU040219.D

Acq: 18 Sep 2020 18:22

Instrument :

MSVOA_U

ClientSampled :

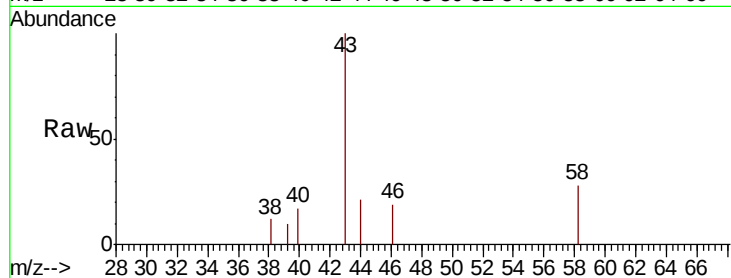
C0AK8

Tot Ion: 43 Resp: 2589

Ion Ratio Lower Upper

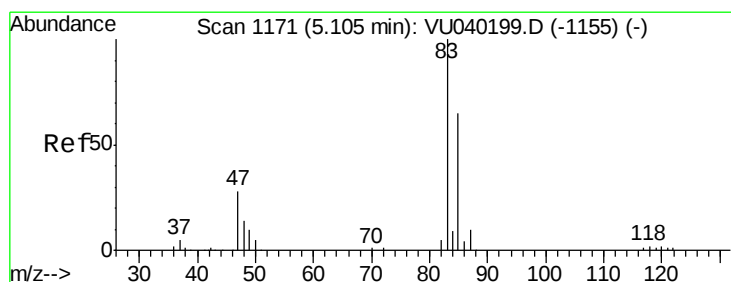
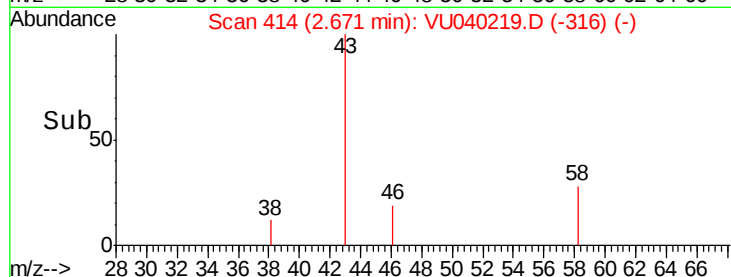
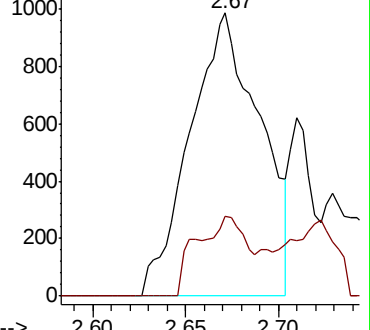
43 100

58 13.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040219.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040219.D (-395) (-)



#25

Chloroform

Concen: 0.176 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040219.D

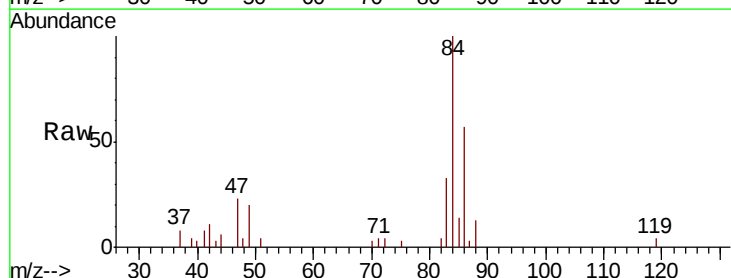
Acq: 18 Sep 2020 18:22

Tgt Ion: 83 Resp: 3491

Ion Ratio Lower Upper

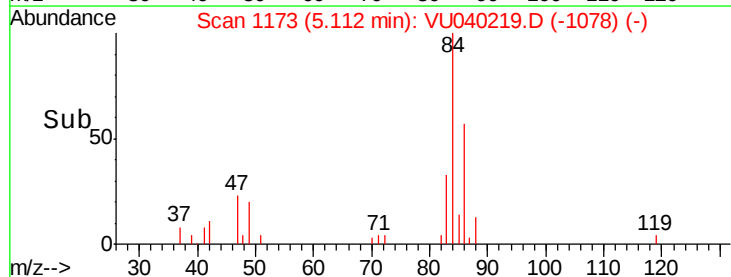
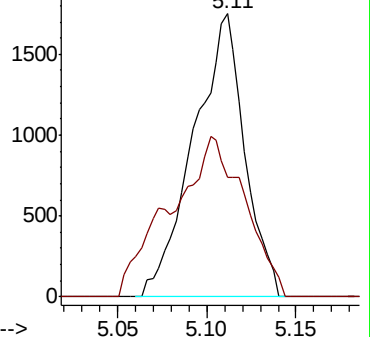
83 100

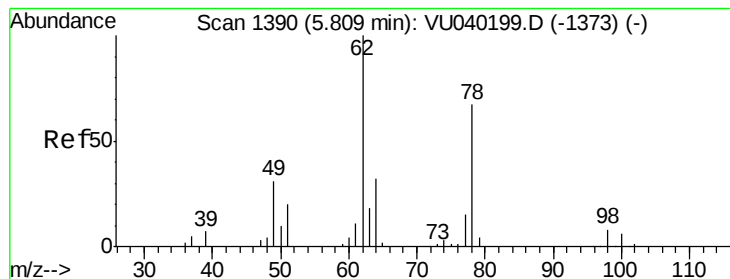
85 42.2 45.3 84.1#



Abundance Ion 83.05 (82.75 to 83.75): VU040219.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040219.D (-1078) (-)





#27

1,2-Dichloroethane

Concen: 0.047 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU040219.D

Acq: 18 Sep 2020 18:22

Instrument :

MSVOA_U

ClientSampleId :

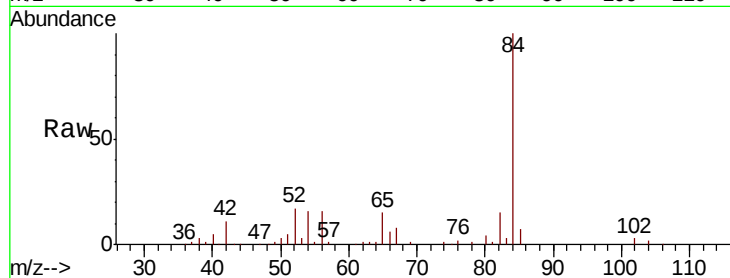
C0AK8

Tot Ion: 62 Resp: 689

Ion Ratio Lower Upper

62 100

98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU040219.D (-1373) (-)

Ion 98.05 (97.75 to 98.75): VU040219.D (-1373) (-)

5.74

400

300

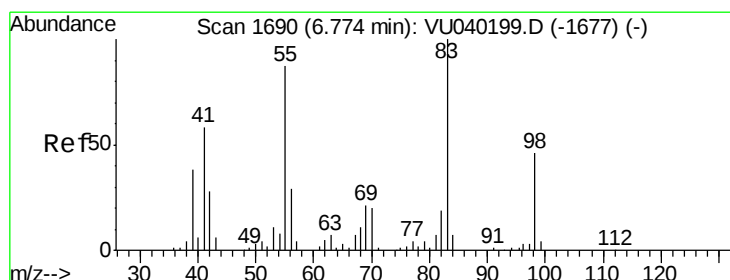
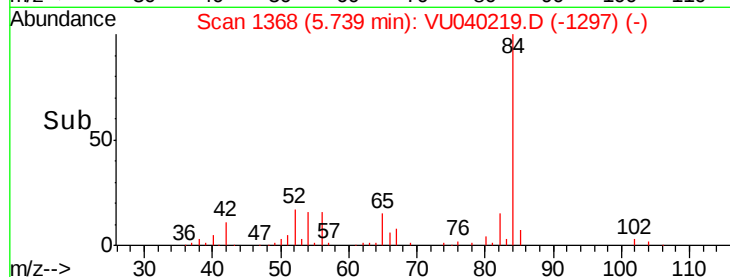
200

100

0

5.70 5.72 5.74 5.76 5.78

Time-->



#35

Methylcyclohexane

Concen: 0.624 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040219.D

Acq: 18 Sep 2020 18:22

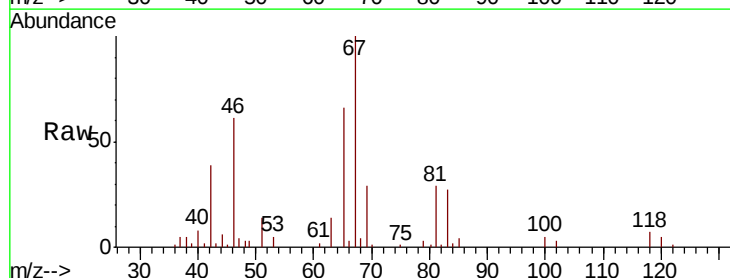
Tgt Ion: 83 Resp: 10361

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 0.7 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VU040219.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU040219.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU040219.D (-1597) (-)

6.70

8000

6000

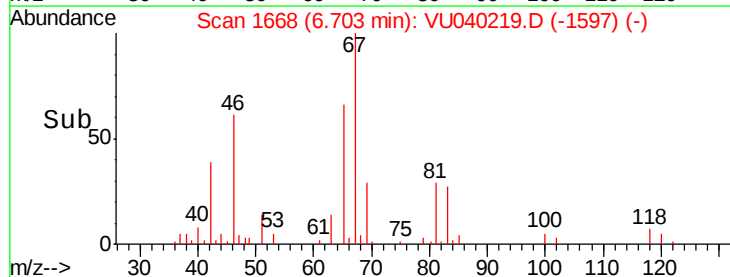
4000

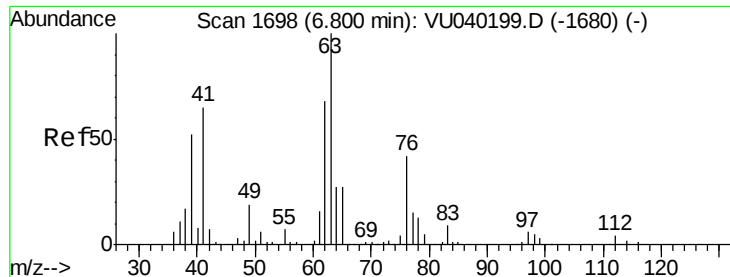
2000

0

6.65 6.70 6.75

Time-->

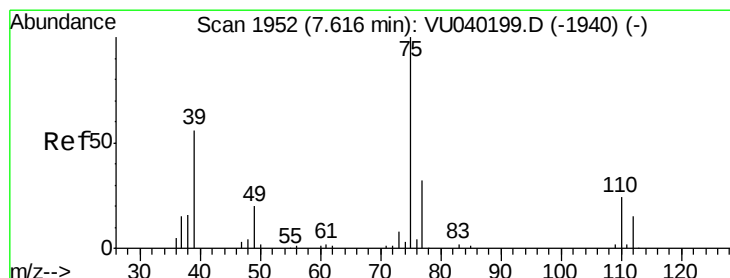
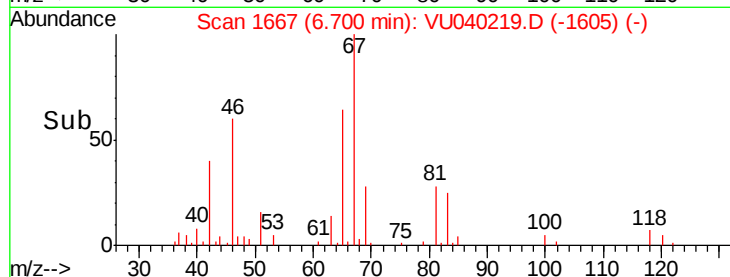
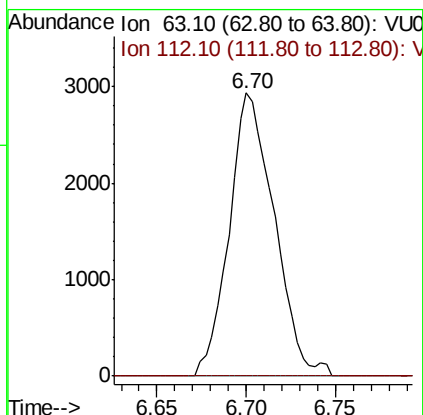
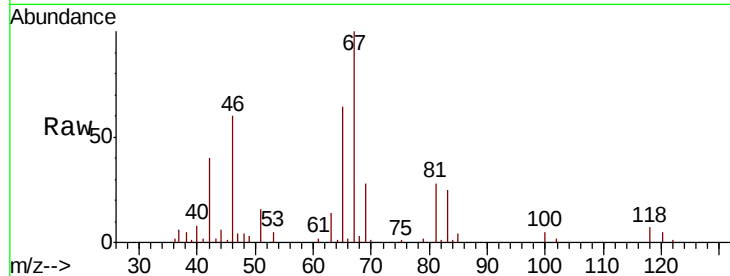




#37
 1,2-Dichloropropane
 Concen: 0.471 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040219.D
 Acq: 18 Sep 2020 18:22

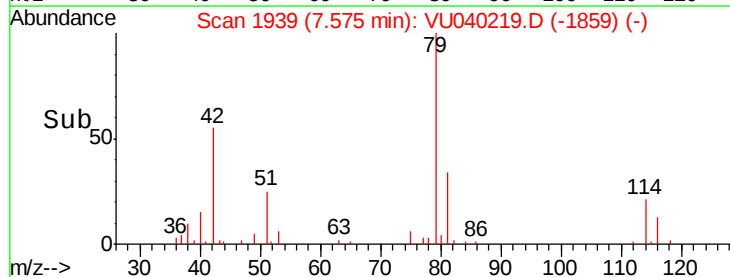
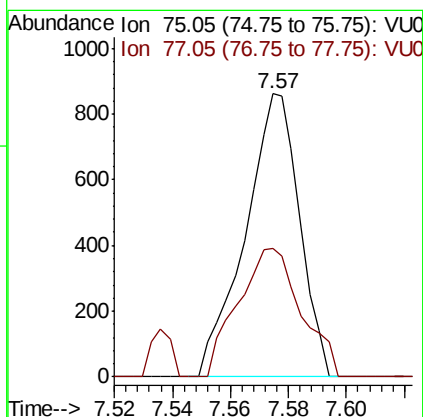
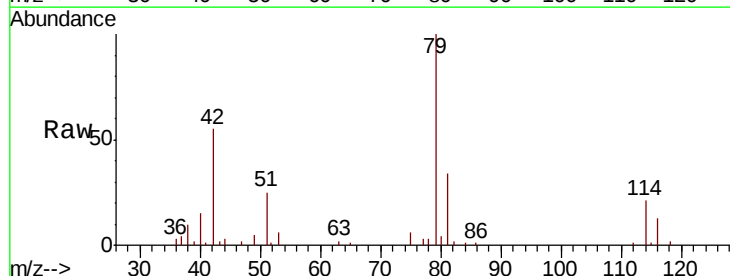
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK8

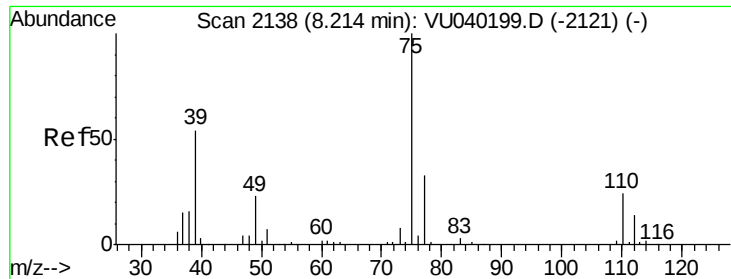
Tot Ion: 63 Resp: 5158
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040219.D
 Acq: 18 Sep 2020 18:22

Tgt Ion: 75 Resp: 1118
 Ion Ratio Lower Upper
 75 100
 77 45.6 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040219.D

Acq: 18 Sep 2020 18:22

Instrument :

MSVOA_U

ClientSampleId :

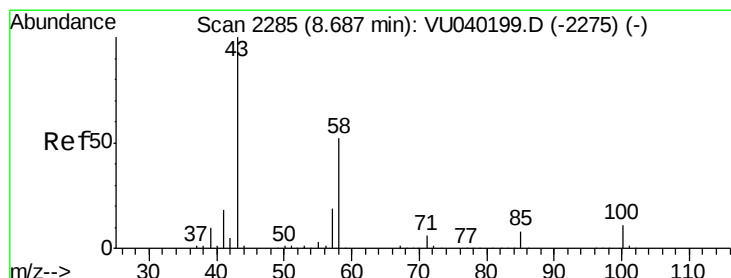
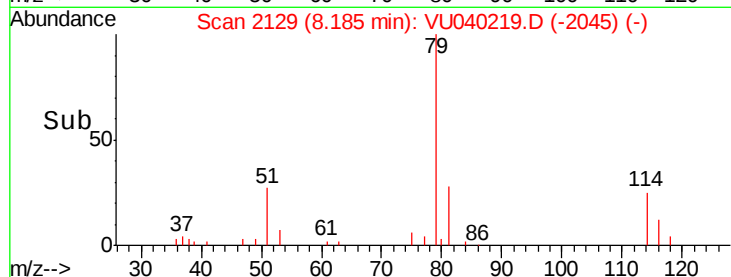
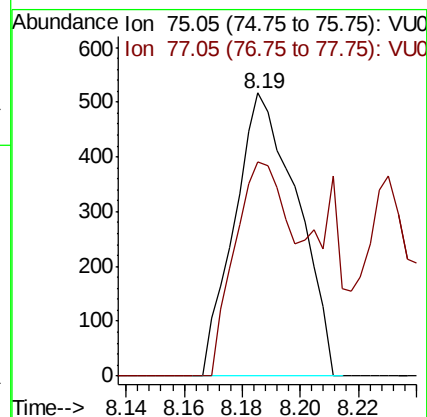
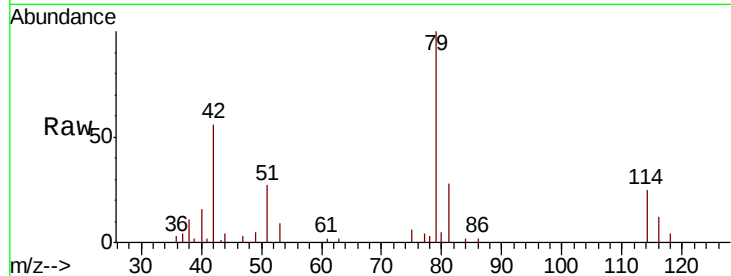
C0AK8

Tot Ion: 75 Resp: 777

Ion Ratio Lower Upper

75 100

77 75.8 23.9 44.3#



#48

2-Hexanone

Concen: 2.178 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040219.D

Acq: 18 Sep 2020 18:22

Tgt Ion: 43 Resp: 14270

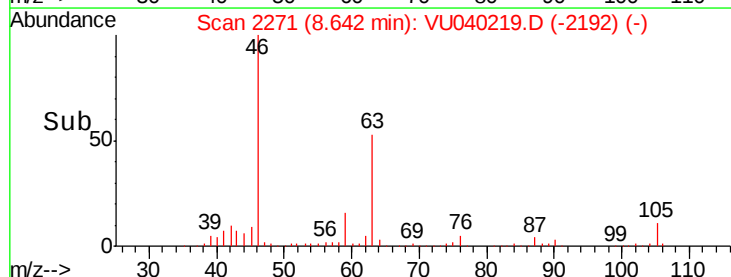
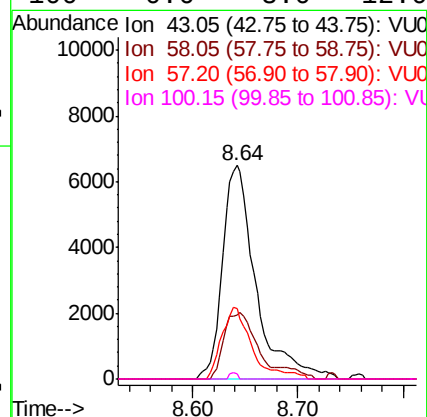
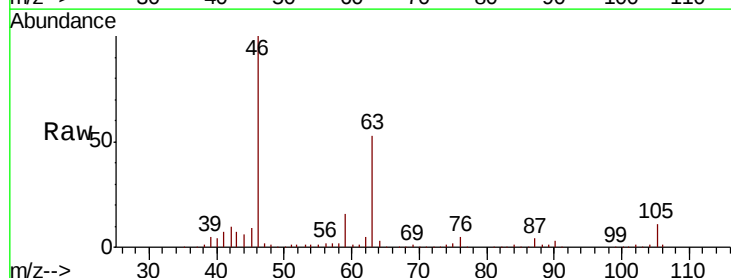
Ion Ratio Lower Upper

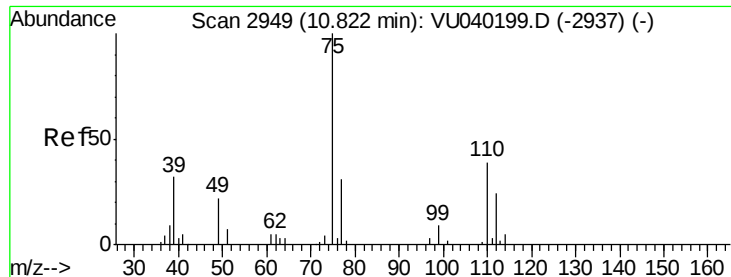
43 100

58 33.2 39.6 59.4#

57 30.3 14.3 21.5#

100 0.6 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.810 ug/L

RT: 11.80 min Scan# 3254

Delta R.T. 0.98 min

Lab File: VU040219.D

Acq: 18 Sep 2020 18:22

Instrument :

MSVOA_U

ClientSampleId :

C0AK8

Tot Ion: 75 Resp: 6566

Ion Ratio Lower Upper

75 100

77 34.2 24.9 37.3

