

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040814.D
 Acq On : 19 Oct 2020 19:09
 Operator : SY/MD
 Sample : L4420-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Quant Time: Oct 20 01:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113652	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29304	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	29033	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.58	63	45499	2.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.40%#
20) 2-Butanone-d5	4.65	46	179077	59.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.84%
24) Chloroform-d	5.08	84	81336	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	49657	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.75	84	131150	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.70	67	48233	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	95686	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.60%#
43) trans-1,3-Dichloropropene-	8.19	79	18629	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	119381	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49967	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45989	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

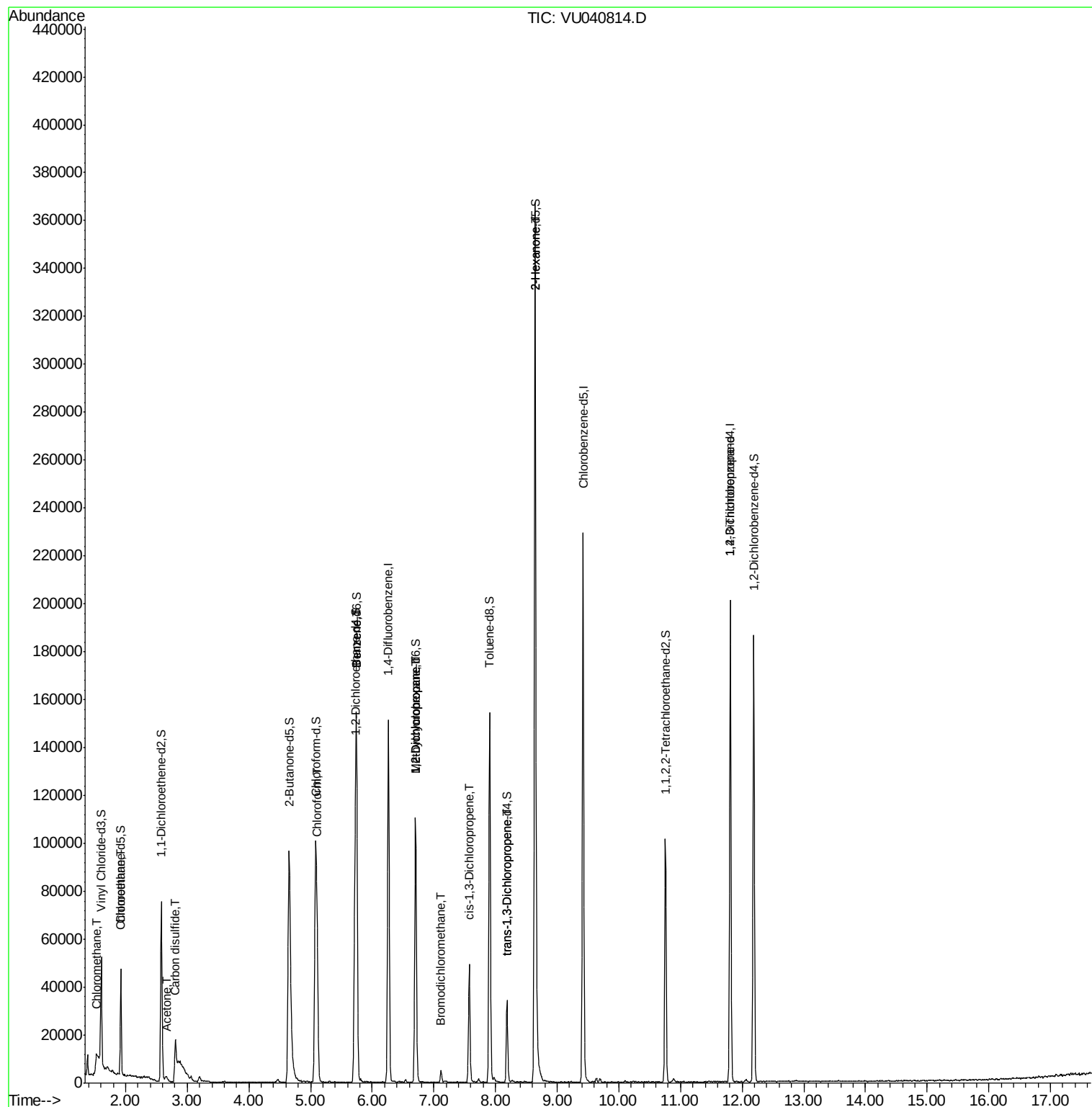
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	744	0.077	ug/L #	43
8) Chloroethane	1.93	64	216	0.033	ug/L #	41
13) Acetone	2.66	43	4110	1.759	ug/L	95
14) Carbon disulfide	2.81	76	18258	0.804	ug/L	98
25) Chloroform	5.11	83	39696	2.215	ug/L	99
33) Benzene	5.74	78	957	0.025	ug/L	100
35) Methylcyclohexane	6.70	83	11626	0.814	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5523	0.510	ug/L #	87
38) Bromodichloromethane	7.11	83	3238	0.234	ug/L #	97
39) cis-1,3-Dichloropropene	7.57	75	1415	0.096	ug/L #	33
44) trans-1,3-Dichloropropene	8.18	75	826	0.061	ug/L #	48
48) 2-Hexanone	8.64	43	17258	2.686	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	6741	0.848	ug/L	92

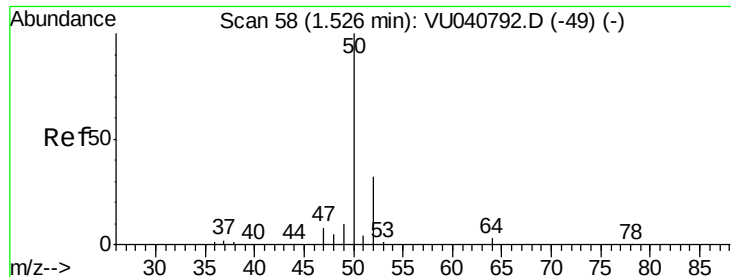
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040814.D

Acq: 19 Oct 2020 19:09

Instrument :

MSVOA_U

ClientSampleId :

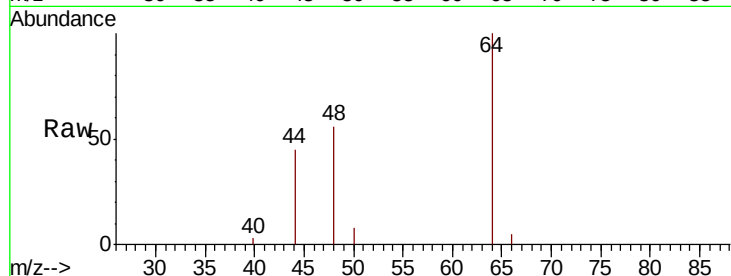
C0AL1

Tot Ion: 50 Resp: 744

Ion Ratio Lower Upper

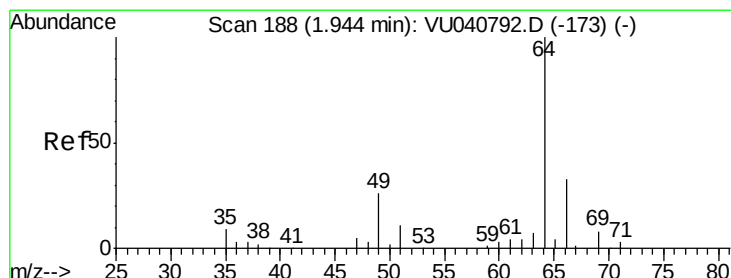
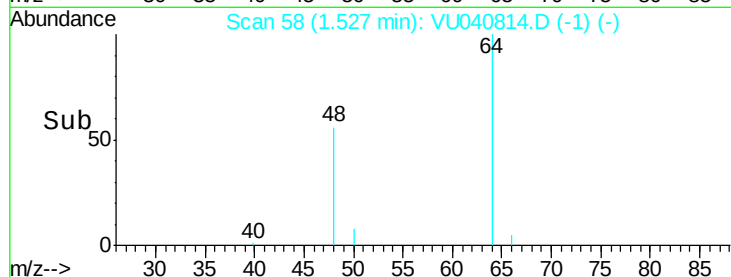
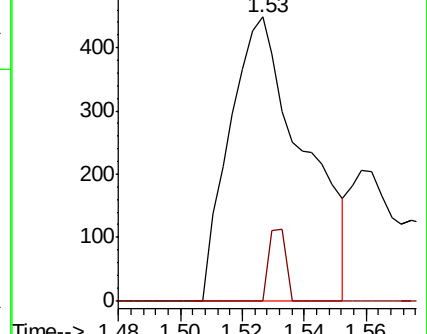
50 100

52 0.0 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.033 ug/L

RT: 1.93 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU040814.D

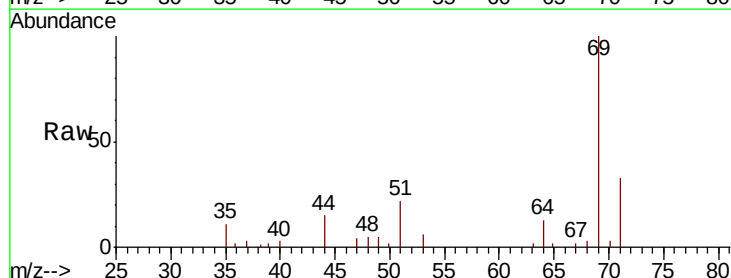
Acq: 19 Oct 2020 19:09

Tgt Ion: 64 Resp: 216

Ion Ratio Lower Upper

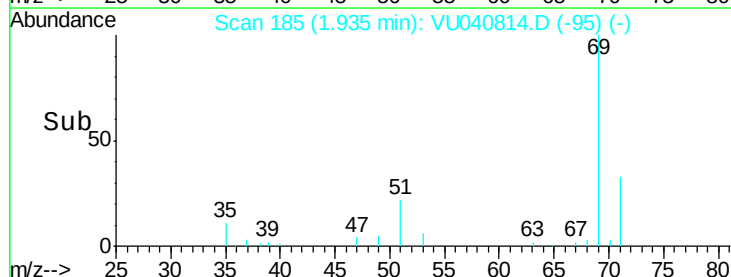
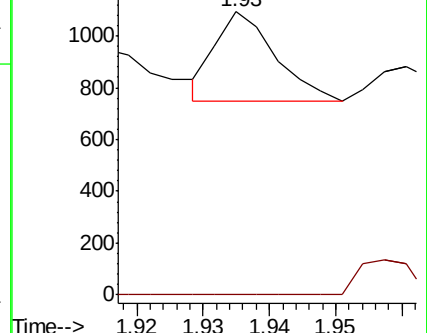
64 100

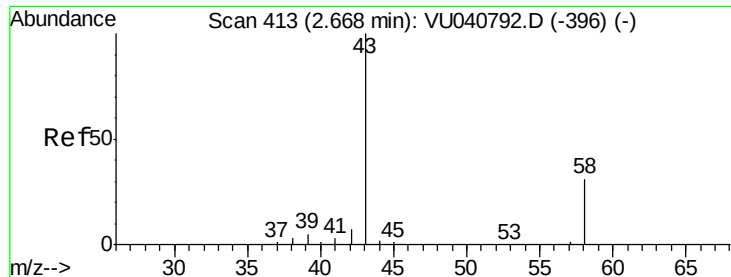
66 0.0 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 1.759 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040814.D

Acq: 19 Oct 2020 19:09

Instrument :

MSVOA_U

ClientSampleId :

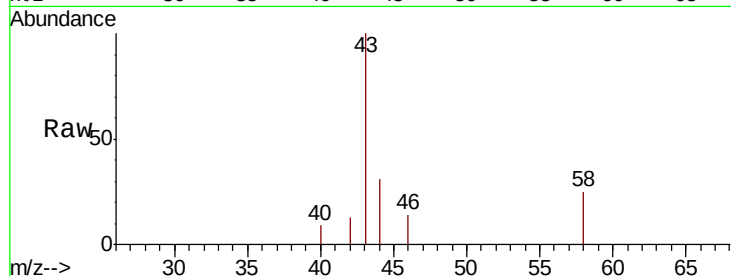
C0AL1

Tot Ion: 43 Resp: 4110

Ion Ratio Lower Upper

43 100

58 27.5 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040814.D (-320) (-)

Ion 58.05 (57.75 to 58.75): VU040814.D (-320) (-)

2.66

1500

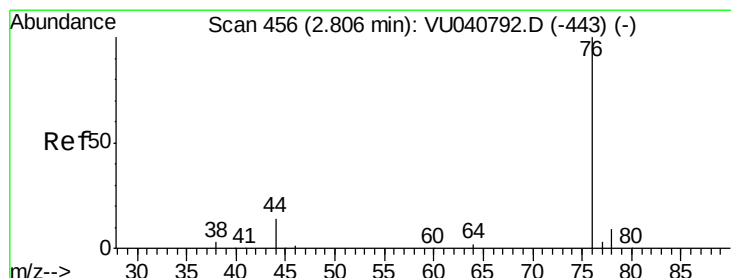
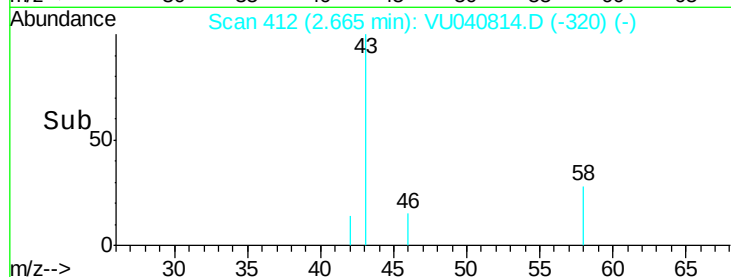
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.804 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040814.D

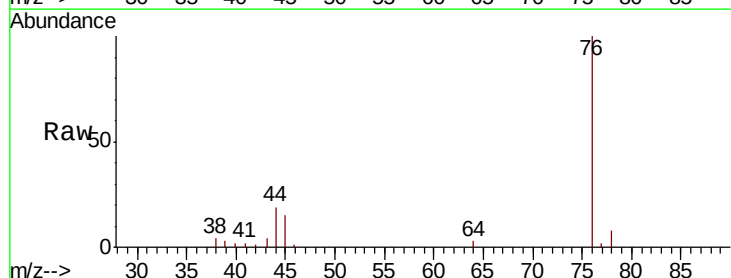
Acq: 19 Oct 2020 19:09

Tgt Ion: 76 Resp: 18258

Ion Ratio Lower Upper

76 100

78 7.8 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU040814.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040814.D (-363) (-)

2.81

12000

10000

8000

6000

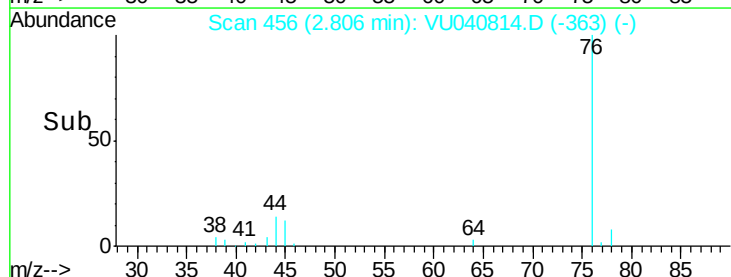
4000

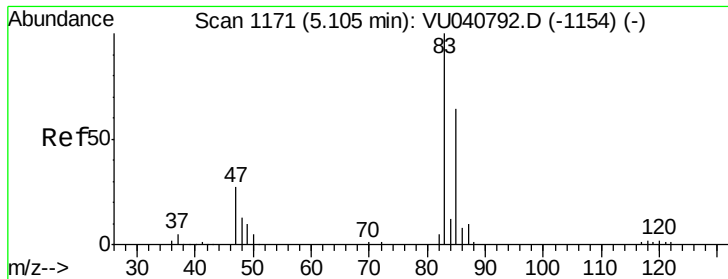
2000

0

2.75 2.80 2.85

Time-->

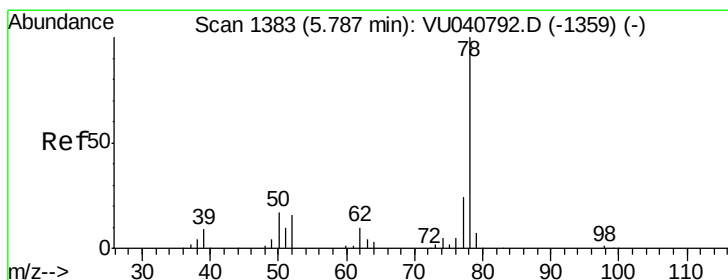
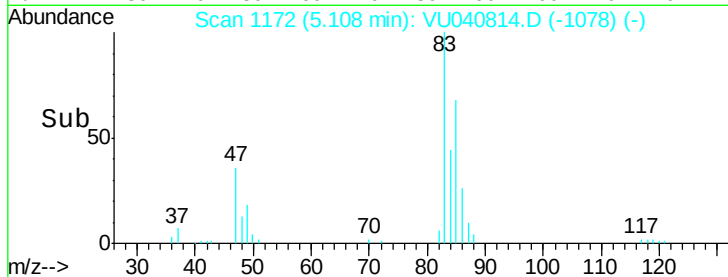
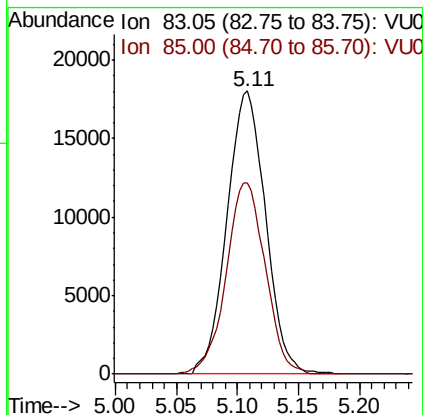
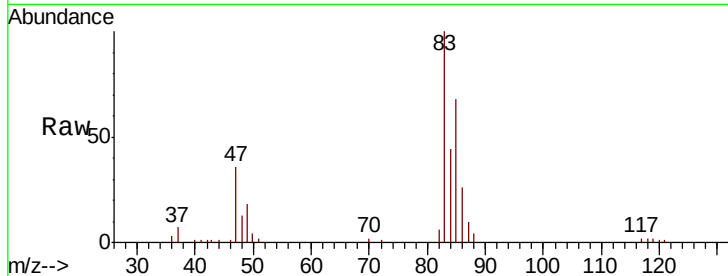




#25
Chloroform
Concen: 2.215 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040814.D
Acq: 19 Oct 2020 19:09

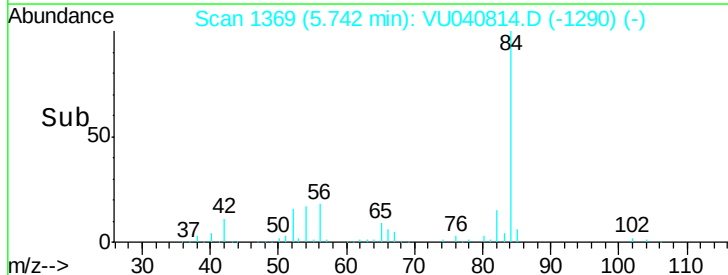
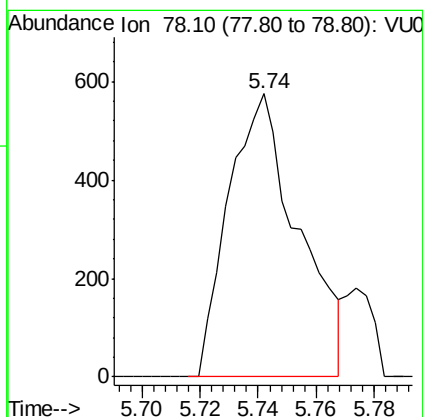
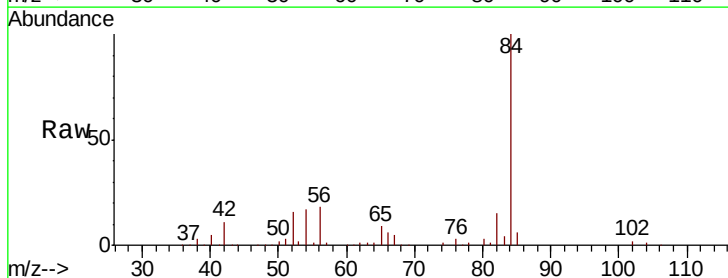
Instrument :
MSVOA_U
ClientSampled :
C0AL1

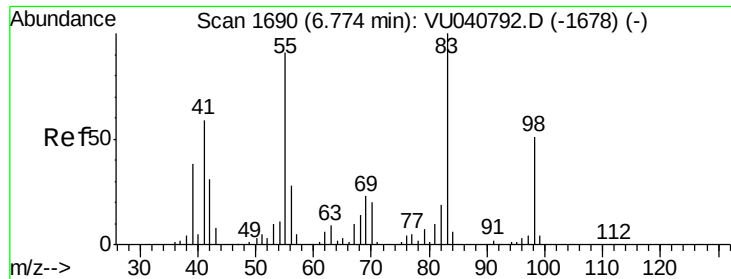
Tot Ion: 83 Resp: 39696
Ion Ratio Lower Upper
83 100
85 67.6 46.5 86.5



#33
Benzene
Concen: 0.025 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU040814.D
Acq: 19 Oct 2020 19:09

Tgt Ion: 78 Resp: 957

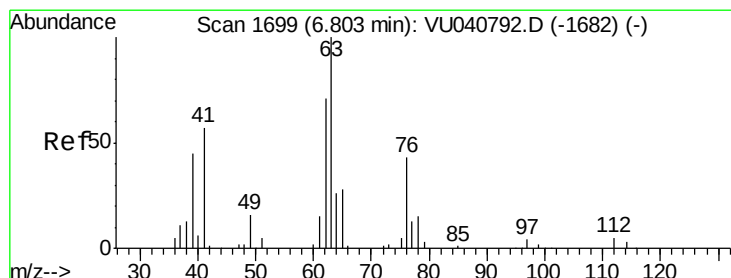
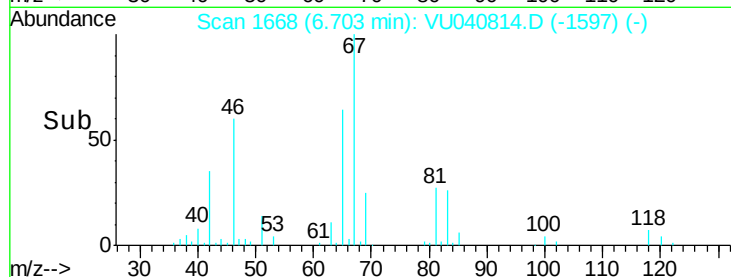
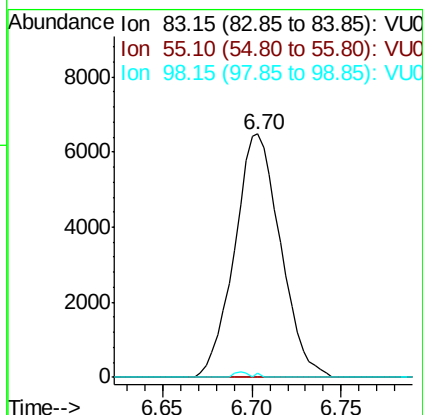
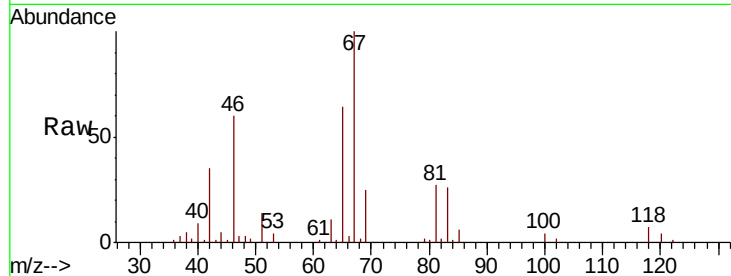




#35
Methylvlcyclohexane
Concen: 0.814 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040814.D
Acq: 19 Oct 2020 19:09

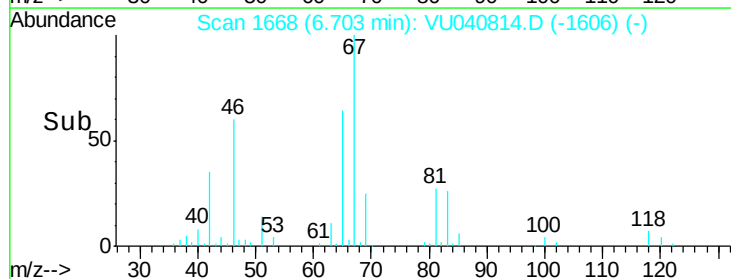
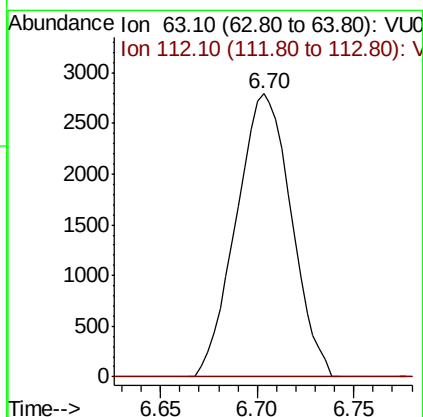
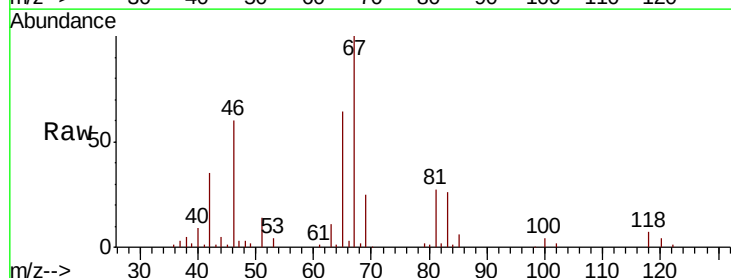
Instrument :
MSVOA_U
ClientSampleId :
C0AL1

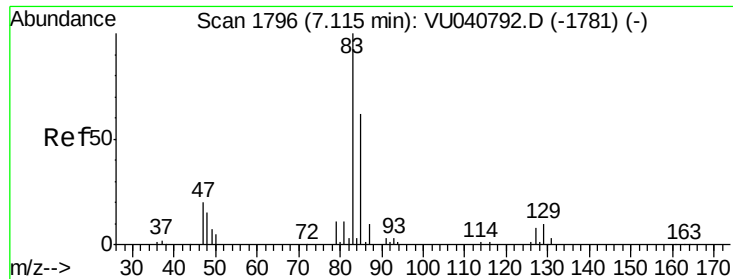
Tot Ion: 83 Resp: 11626
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.7 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040814.D
Acq: 19 Oct 2020 19:09

Tgt Ion: 63 Resp: 5523
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#38

Bromodichloromethane

Concen: 0.234 ug/L

RT: 7.11 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VU040814.D

Acq: 19 Oct 2020 19:09

Instrument :

MSVOA_U

ClientSampleId :

C0AL1

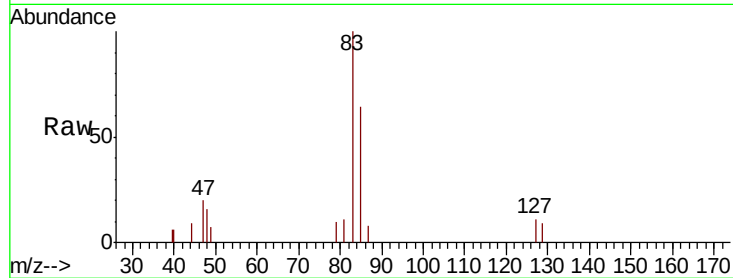
Tot Ion: 83 Resp: 3238

Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4

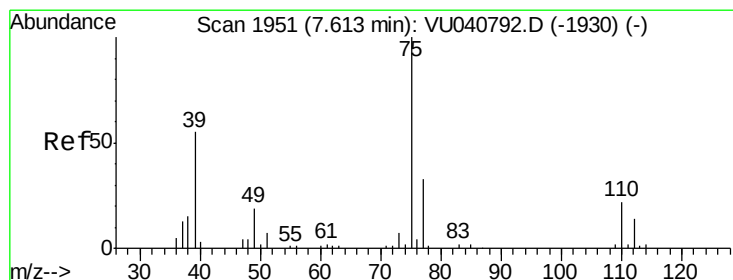
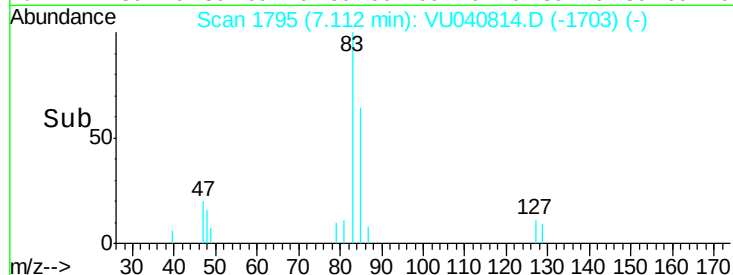
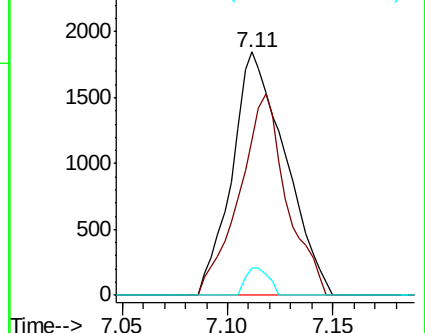
127 11.4 6.7 10.1#



Abundance Ion 82.95 (82.65 to 83.65): VU040814.D (-1703) (-)

Ion 85.00 (84.70 to 85.70): VU040814.D (-1703) (-)

Ion 126.90 (126.60 to 127.60): VU040814.D (-1703) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040814.D

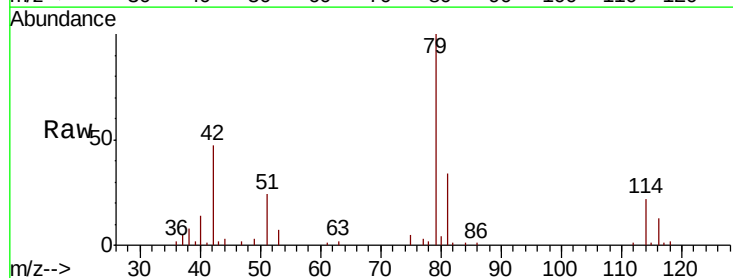
Acq: 19 Oct 2020 19:09

Tgt Ion: 75 Resp: 1415

Ion Ratio Lower Upper

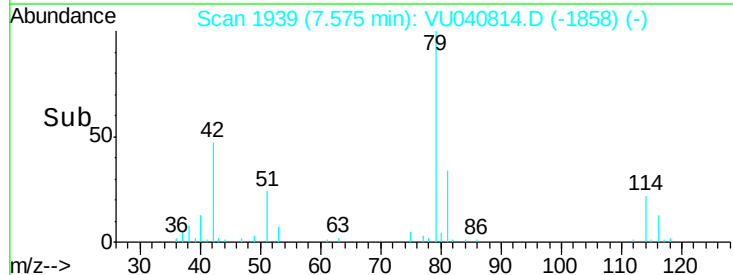
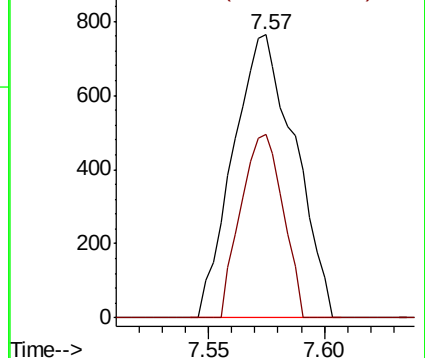
75 100

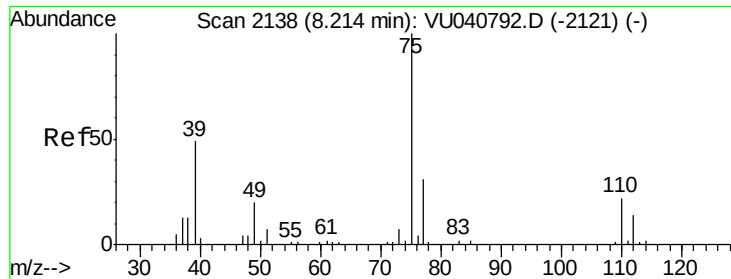
77 65.0 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU040814.D (-1858) (-)

Ion 77.05 (76.75 to 77.75): VU040814.D (-1858) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040814.D

Acq: 19 Oct 2020 19:09

Instrument :

MSVOA_U

ClientSampled :

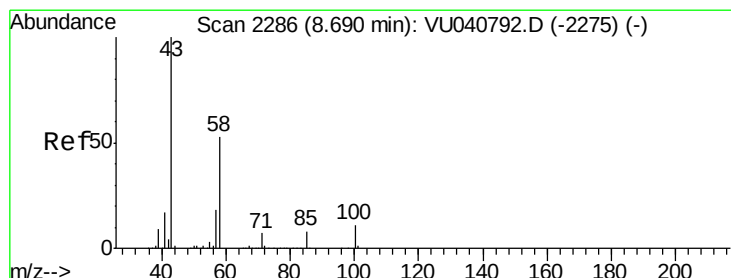
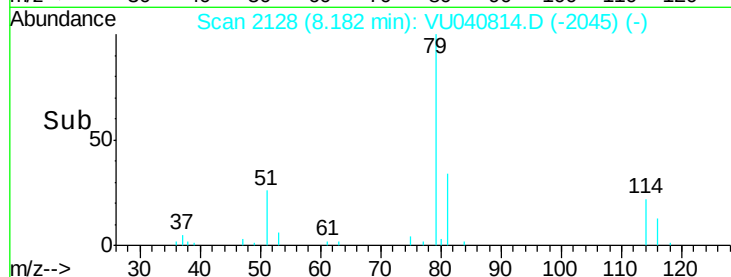
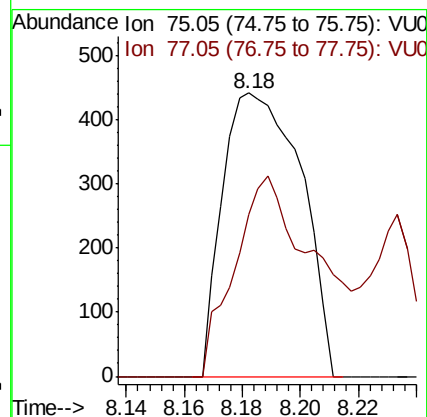
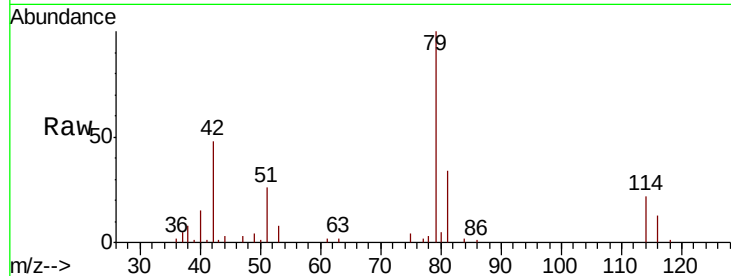
C0AL1

Tot Ion: 75 Resp: 826

Ion Ratio Lower Upper

75 100

77 57.1 20.4 38.0#



#48

2-Hexanone

Concen: 2.686 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040814.D

Acq: 19 Oct 2020 19:09

Tgt Ion: 43 Resp: 17258

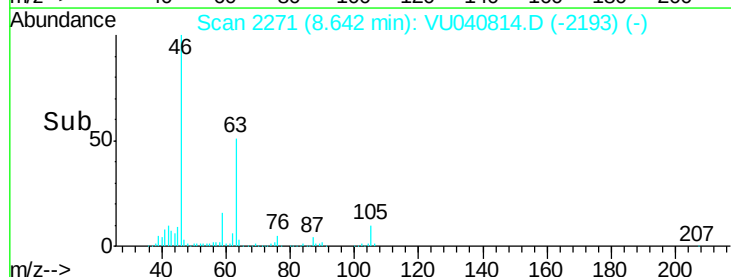
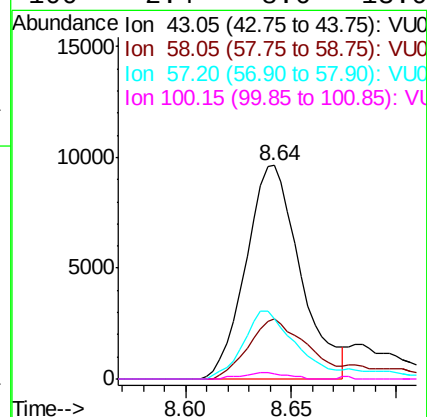
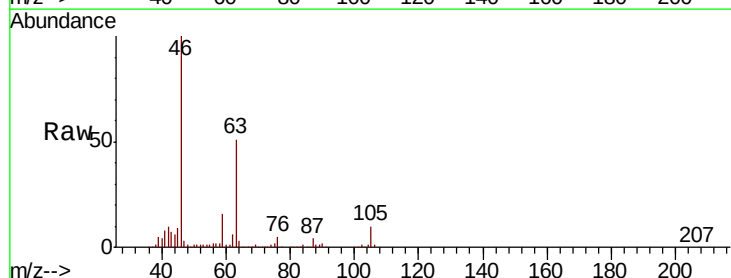
Ion Ratio Lower Upper

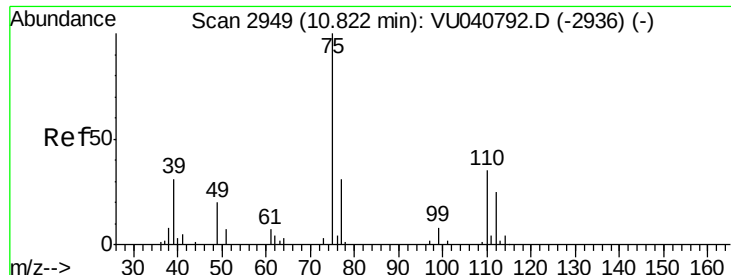
43 100

58 30.3 41.0 61.6#

57 32.6 14.4 21.6#

100 2.4 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.848 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040814.D

Acq: 19 Oct 2020 19:09

Instrument :

MSVOA_U

ClientSampleId :

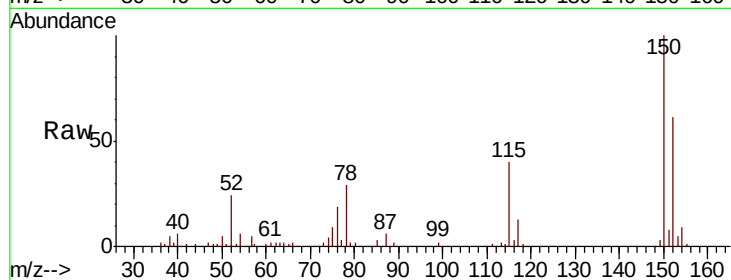
C0AL1

Tot Ion: 75 Resp: 6741

Ion Ratio Lower Upper

75 100

77 37.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

