

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040195.D
 Acq On : 17 Sep 2020 20:39
 Operator : SY/MD
 Sample : L4063-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ1

Quant Time: Sep 18 04:05:10 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	100404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25880	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	24230	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	45721	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	109897	50.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.24%
24) Chloroform-d	5.08	84	56961	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.72	65	39894	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.75	84	116768	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	38337	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	92045	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	14505	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	76997	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32837	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	36404	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

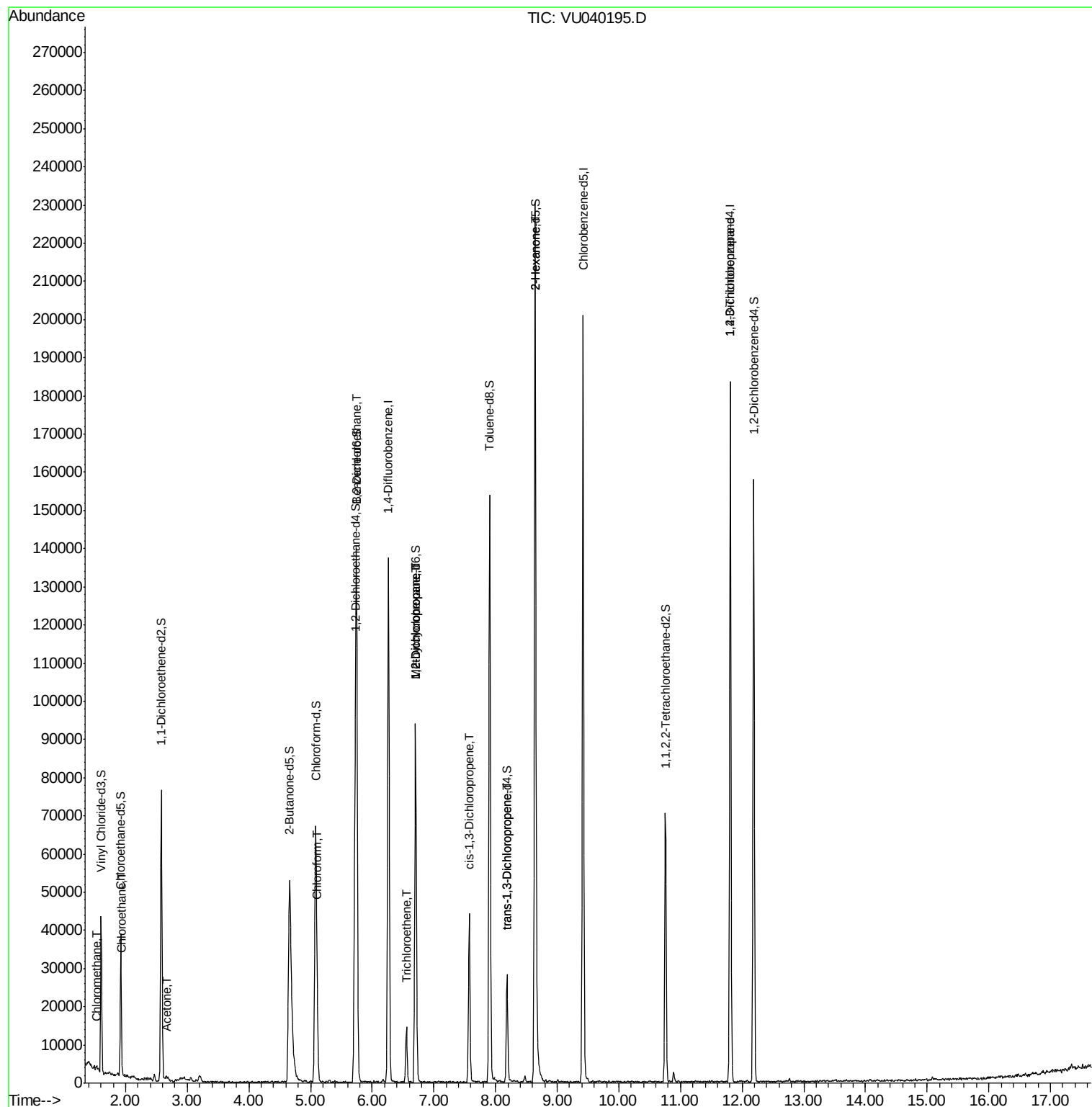
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	803	0.084	ug/L	97
8) Chloroethane	1.94	64	423	0.073	ug/L #	42
13) Acetone	2.66	43	1494	0.736	ug/L	90
25) Chloroform	5.11	83	8783	0.498	ug/L	93
27) 1,2-Dichloroethane	5.74	62	799	0.062	ug/L #	78
34) Trichloroethene	6.56	95	4428	0.462	ug/L	88
35) Methylcyclohexane	6.70	83	9702	0.662	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4967	0.514	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1206	0.085	ug/L #	28
44) trans-1,3-Dichloropropene	8.18	75	864	0.065	ug/L	87
48) 2-Hexanone	8.64	43	12579	2.174	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	6573	0.918	ug/L	92

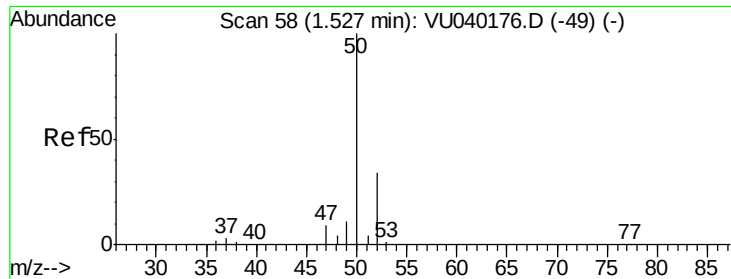
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040195.D

Acq: 17 Sep 2020 20:39

Instrument :

MSVOA_U

ClientSampleId :

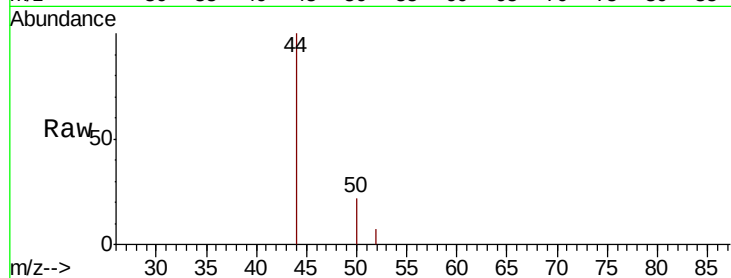
C0AJ1

Tot Ion: 50 Resp: 803

Ion Ratio Lower Upper

50 100

52 31.2 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

600

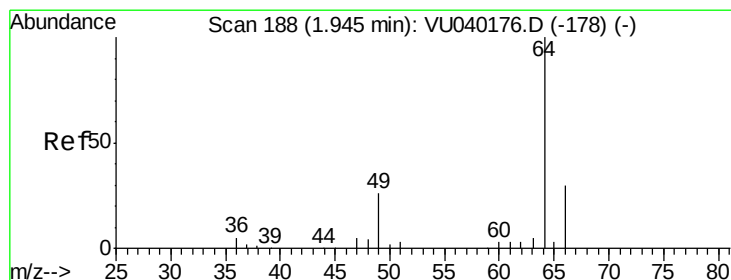
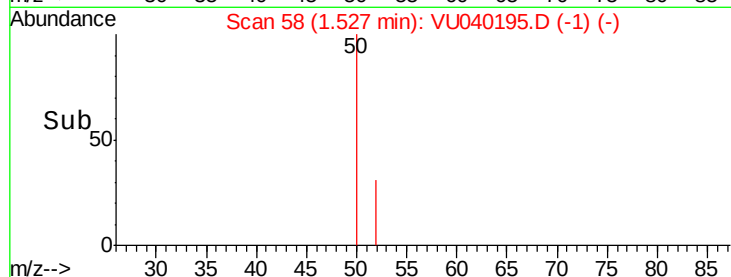
400

200

0

1.50 1.52 1.54 1.56

Time-->



#8

Chloroethane

Concen: 0.073 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040195.D

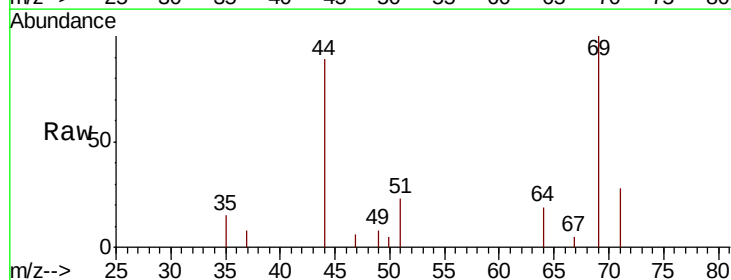
Acq: 17 Sep 2020 20:39

Tgt Ion: 64 Resp: 423

Ion Ratio Lower Upper

64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

400

300

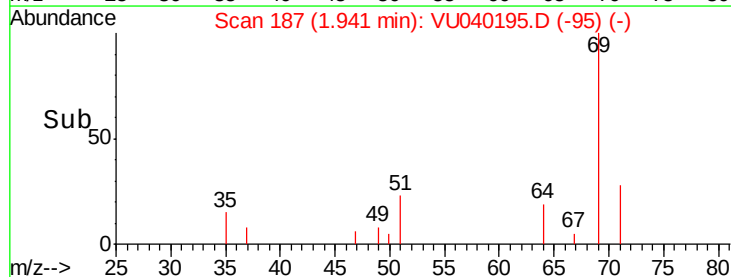
200

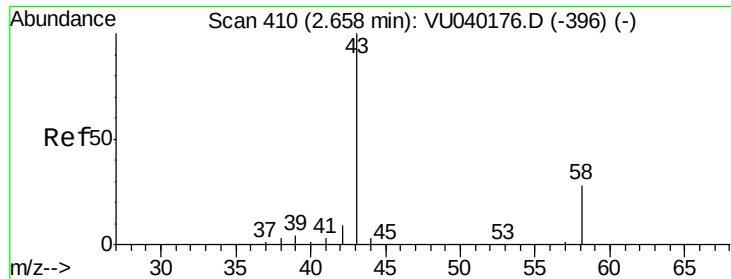
100

0

1.92 1.94 1.96

Time-->





#13

Acetone

Concen: 0.736 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040195.D

Acq: 17 Sep 2020 20:39

Instrument :

MSVOA_U

ClientSampleId :

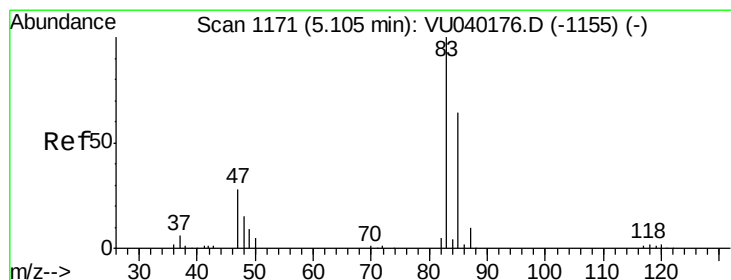
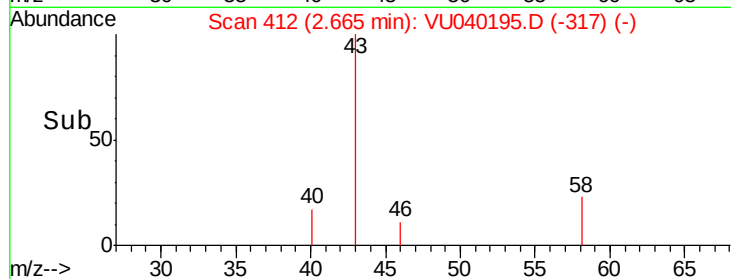
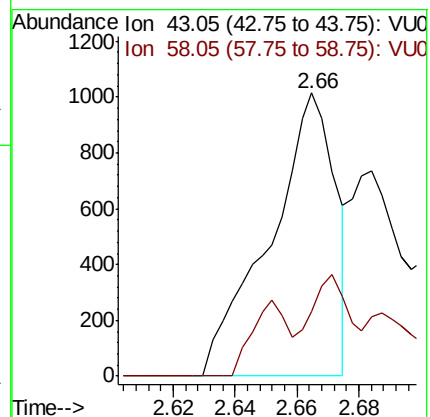
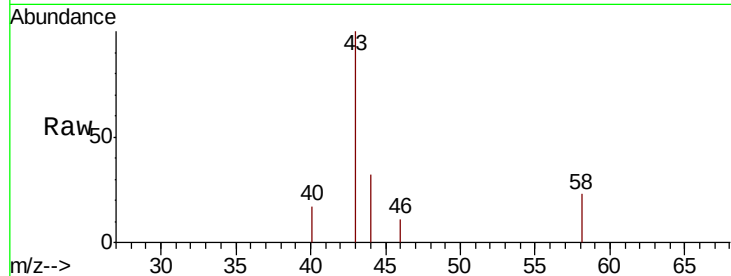
C0AJ1

Tot Ion: 43 Resp: 1494

Ion Ratio Lower Upper

43 100

58 22.2 0.0 55.4



#25

Chloroform

Concen: 0.498 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040195.D

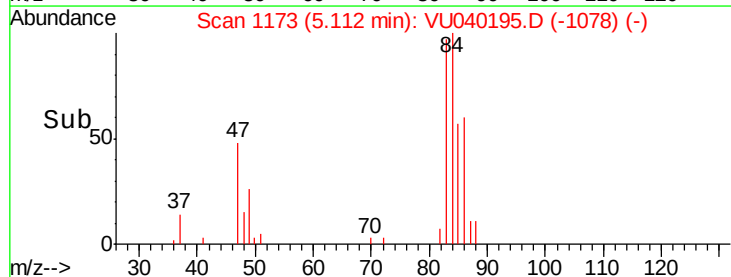
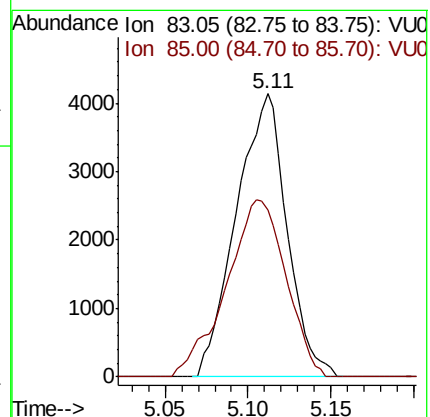
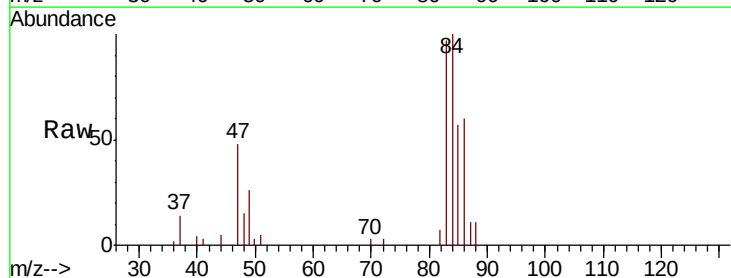
Acq: 17 Sep 2020 20:39

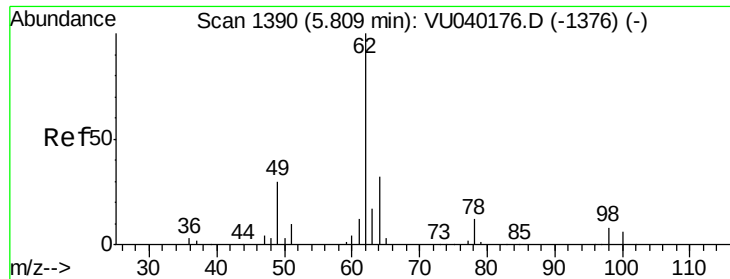
Tgt Ion: 83 Resp: 8783

Ion Ratio Lower Upper

83 100

85 59.1 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.062 ug/L

RT: 5.74 min Scan# 1367

Delta R.T. -0.07 min

Lab File: VU040195.D

Acq: 17 Sep 2020 20:39

Instrument :

MSVOA_U

ClientSampleId :

C0AJ1

Tot Ion: 62 Resp: 799

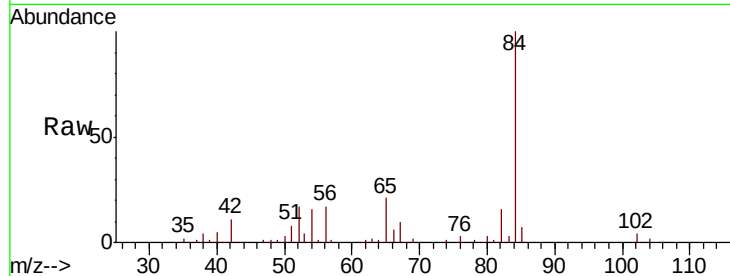
Ion Ratio Lower Upper

62 100

98 0.0

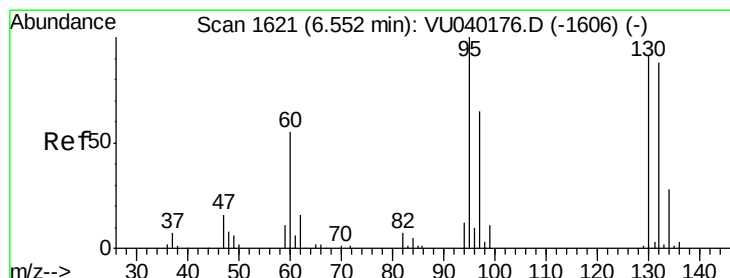
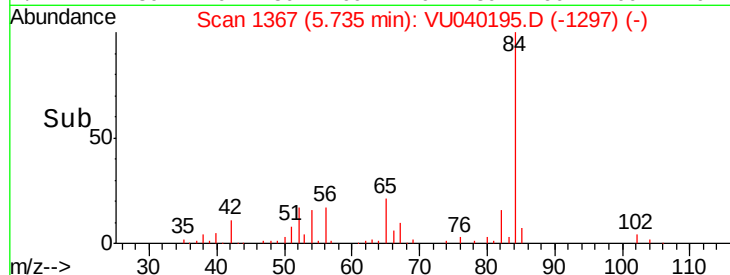
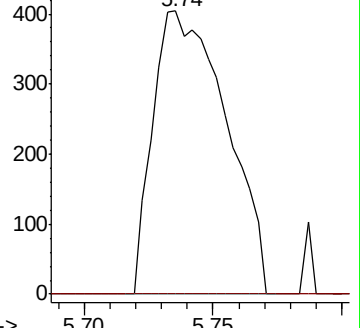
6.1

9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU040176.D (-1376) (-)

Ion 98.05 (97.75 to 98.75): VU040176.D (-1376) (-)



#34

Trichloroethene

Concen: 0.462 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU040195.D

Acq: 17 Sep 2020 20:39

Tgt Ion: 95 Resp: 4428

Ion Ratio Lower Upper

95 100

97 51.9

43.3

80.5

132 93.8

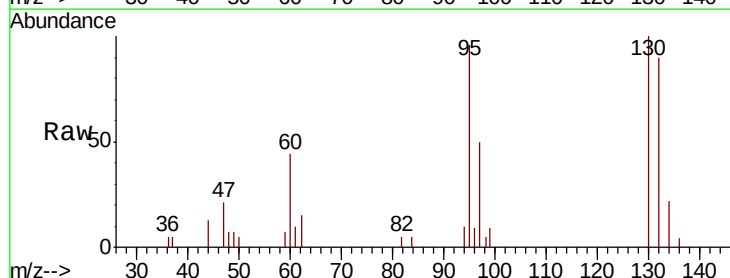
59.4

110.4

130 104.4

64.8

120.4

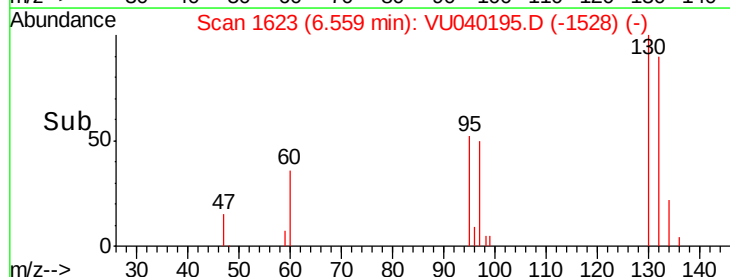
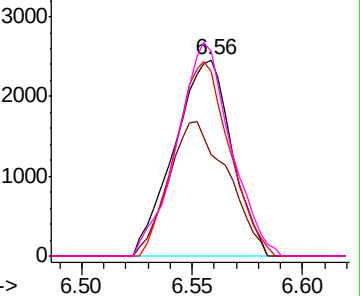


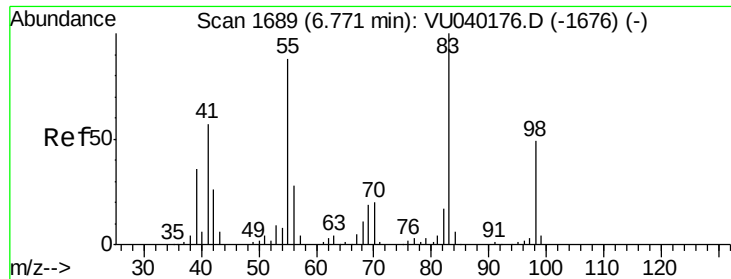
Abundance Ion 95.00 (94.70 to 95.70): VU040176.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU040176.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU040176.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU040176.D (-1606) (-)

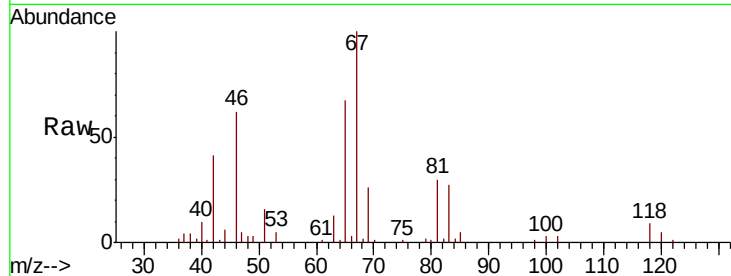




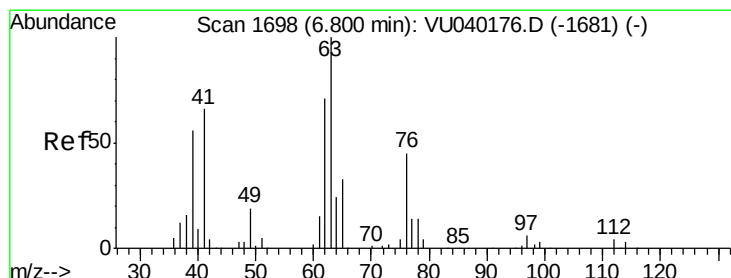
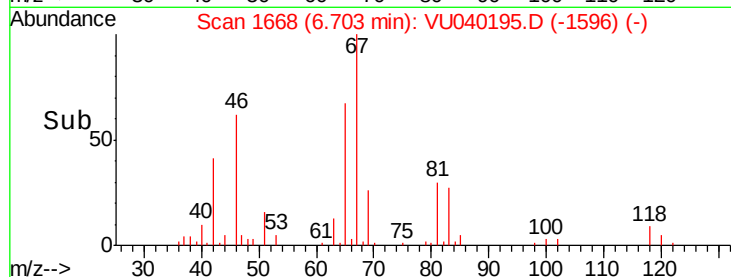
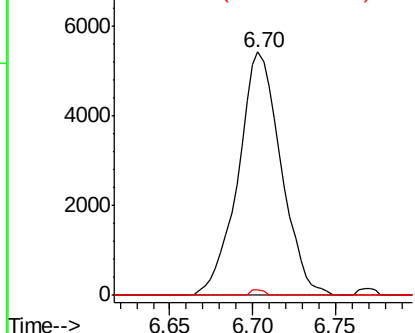
#35
Methylvlcyclohexane
Concen: 0.662 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040195.D
Acq: 17 Sep 2020 20:39

Instrument :
MSVOA_U
ClientSampleId :
C0AJ1

Tot Ion: 83 Resp: 9702
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.7 37.8 56.6#

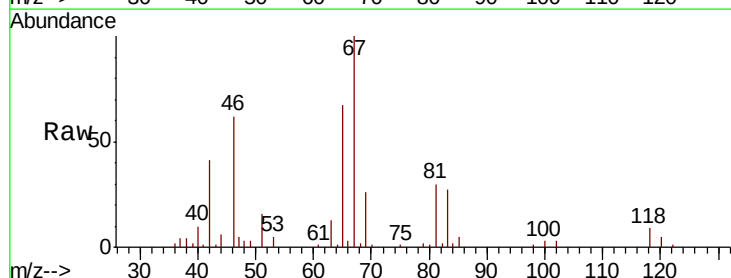


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

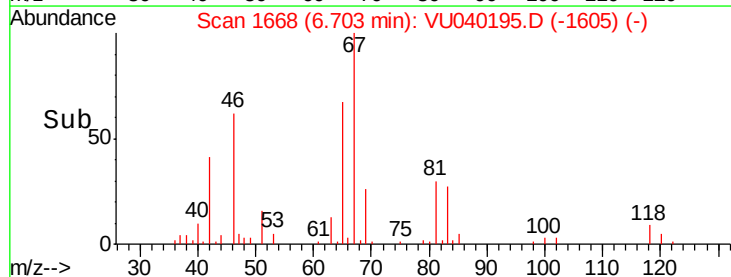
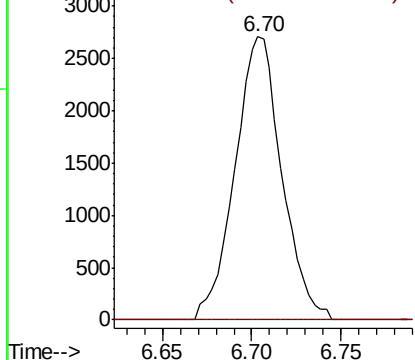


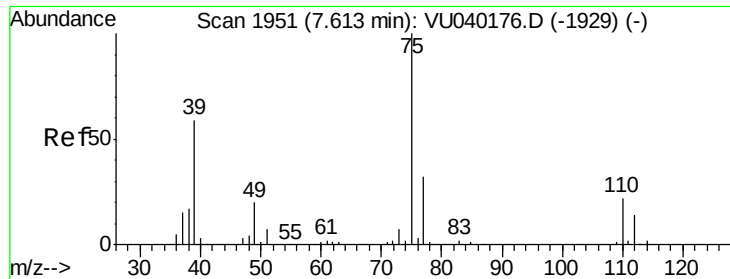
#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040195.D
Acq: 17 Sep 2020 20:39

Tgt Ion: 63 Resp: 4967
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

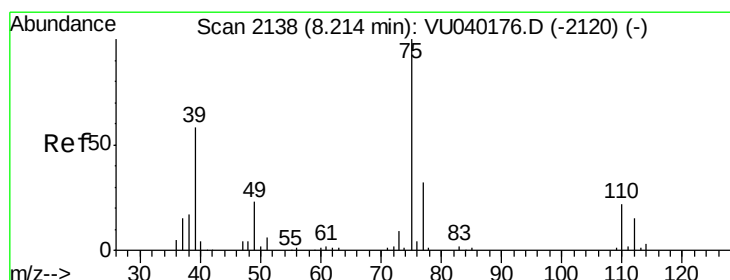
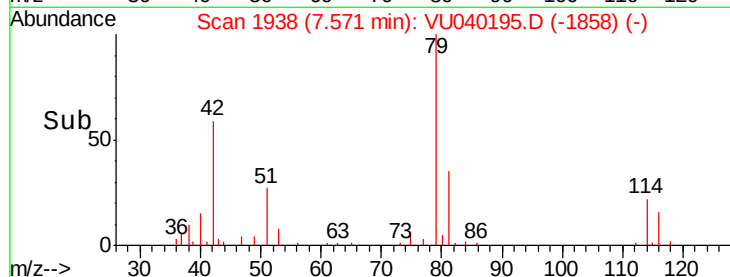
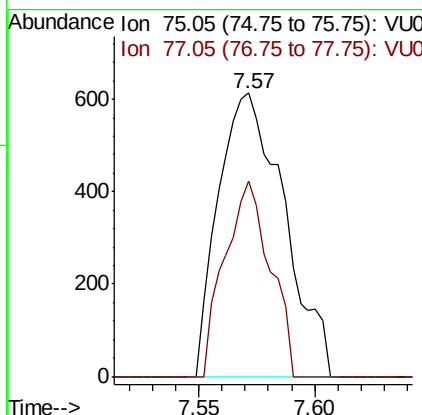
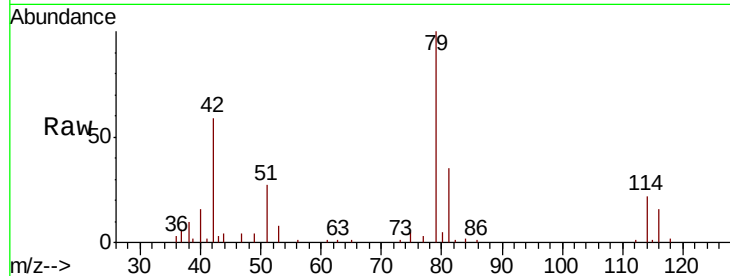




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040195.D
 Acq: 17 Sep 2020 20:39

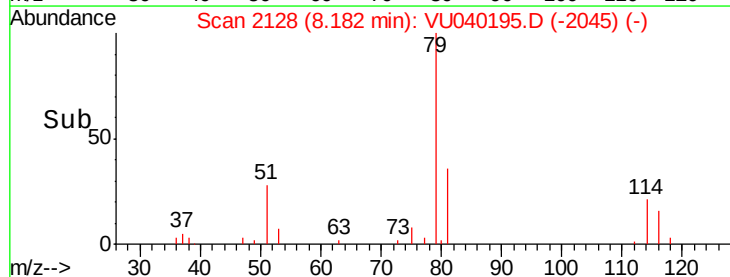
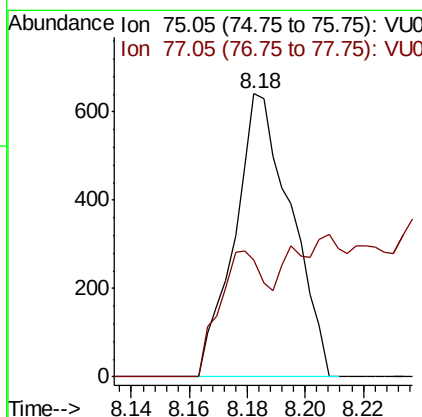
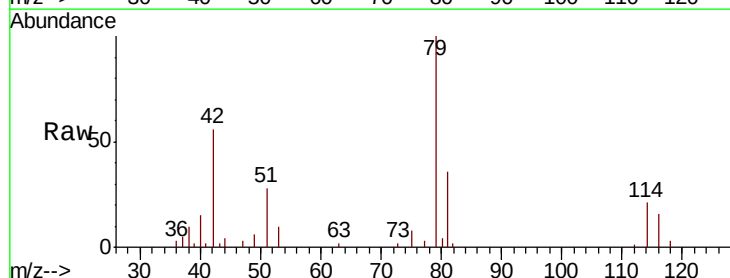
Instrument :
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 ClientSampleId :
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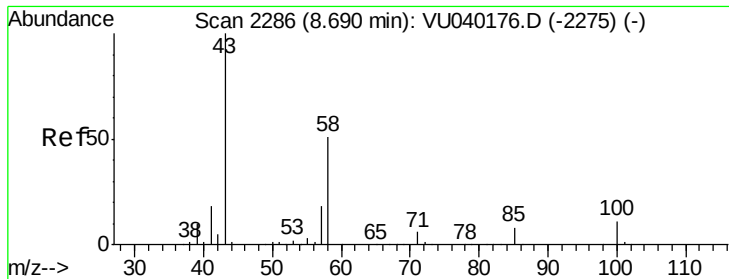
Tot Ion: 75 Resp: 1206
 Ion Ratio Lower Upper
 75 100
 77 69.2 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.065 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040195.D
 Acq: 17 Sep 2020 20:39

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 77 41.5 23.9 44.3

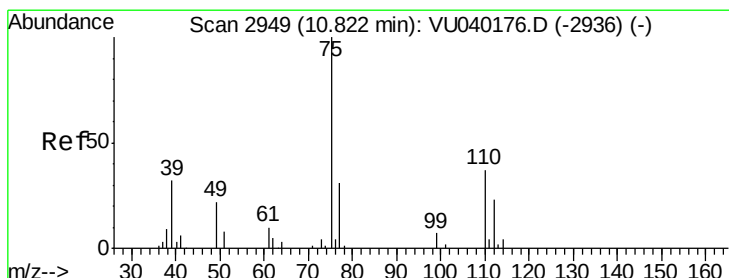
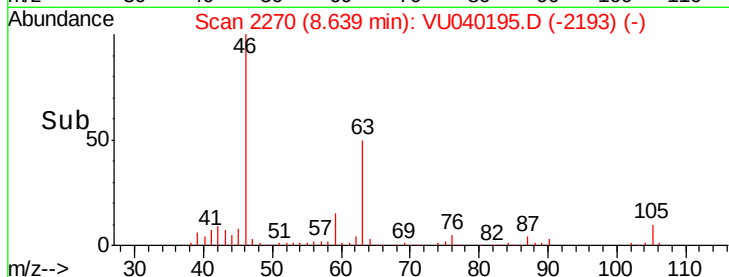
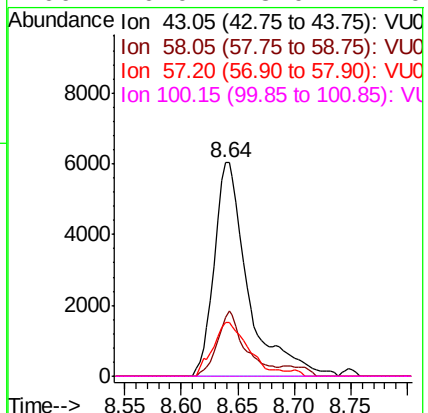
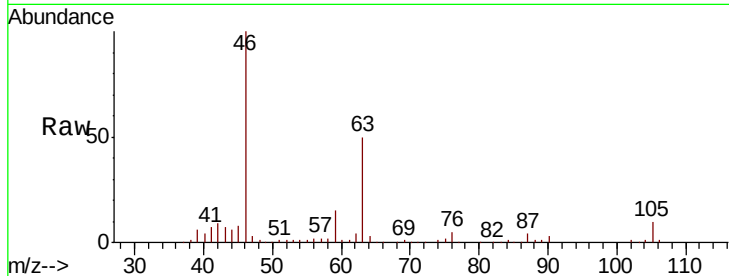




#48
 2-Hexanone
 Concen: 2.174 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040195.D
 Acq: 17 Sep 2020 20:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ1

Tot Ion:	43	Resp:	12579
Ion	Ratio	Lower	Upper
43	100		
58	25.3	39.6	59.4#
57	26.6	14.3	21.5#
100	0.0	8.0	12.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.918 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040195.D
 Acq: 17 Sep 2020 20:39

Tgt Ion:	75	Resp:	6573
Ion	Ratio	Lower	Upper
75	100		
77	35.4	24.9	37.3

