

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\
 Data File : VU041089.D
 Acq On : 03 Nov 2020 19:41
 Operator : SY/MD
 Sample : L4575-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6

Quant Time: Nov 04 01:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18143	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	14553	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	25471	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.65	46	79769	58.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.20%
24) Chloroform-d	5.08	84	35637	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	22908	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	63276	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	23135	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	50645	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	8779	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	55548	52.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21110	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	19115	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.48	62	504	0.108	ug/L #	42
13) Acetone	2.66	43	1945	2.072	ug/L	75
15) Methyl Acetate	2.97	43	217	0.101	ug/L #	53
25) Chloroform	5.11	83	548	0.077	ug/L #	52
27) 1,2-Dichloroethane	5.74	62	380	0.071	ug/L #	74
33) Benzene	5.74	78	438	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	4861	0.820	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2499	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	578	0.099	ug/L #	67
40) 4-Methyl-2-pentanone	7.72	43	2945	0.874	ug/L #	45
44) trans-1,3-Dichloropropene	8.19	75	400	0.073	ug/L	88
47) Tetrachloroethene	8.56	164	366	0.125	ug/L	84
48) 2-Hexanone	8.64	43	8279	3.264	ug/L #	69
49) Dibromochloromethane	8.56	129	322	0.088	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3063	0.973	ug/L	92

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QLast Update : Wed Nov 04 00:51:13 2020
Response via : Initial Calibration

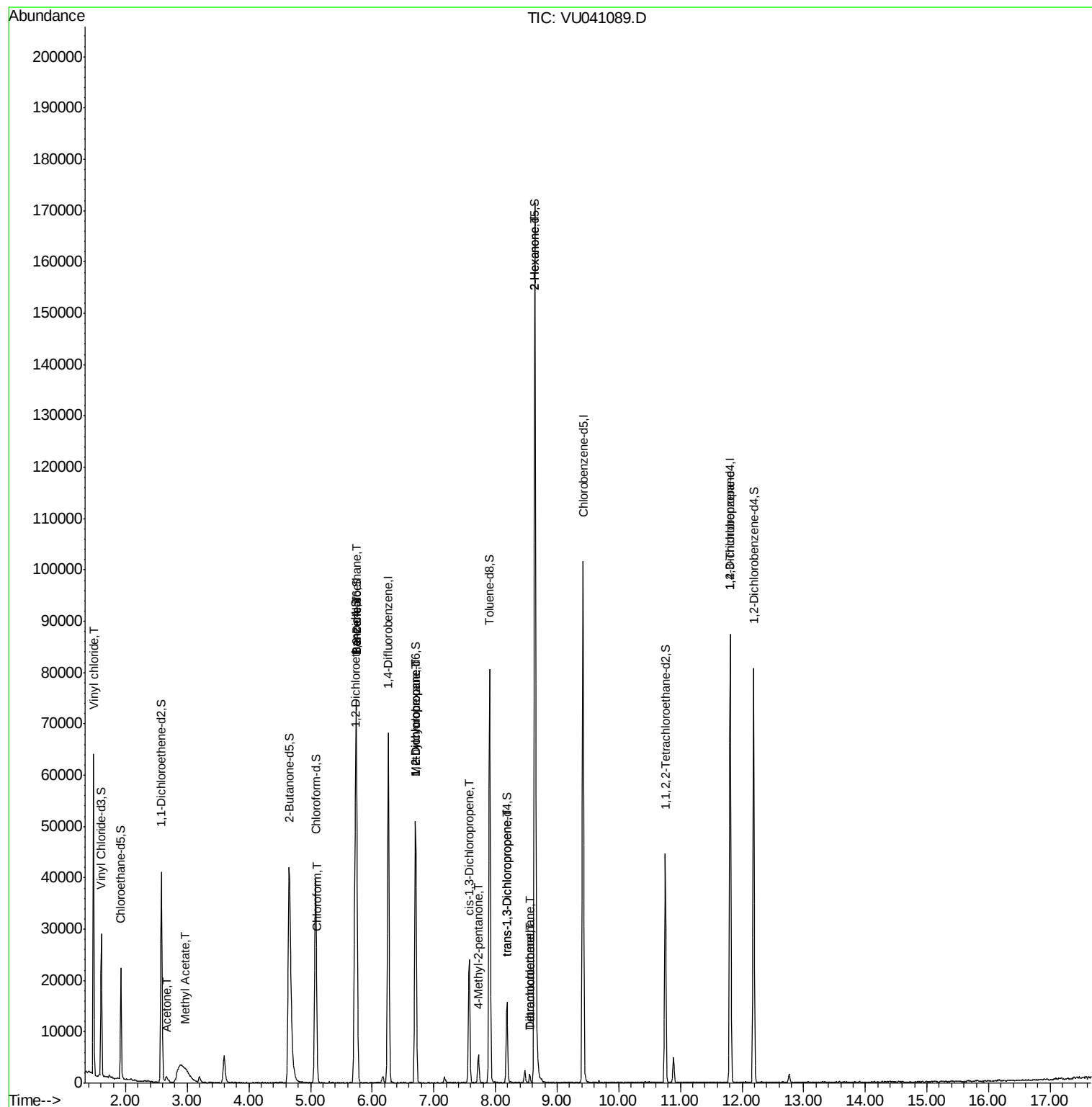
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

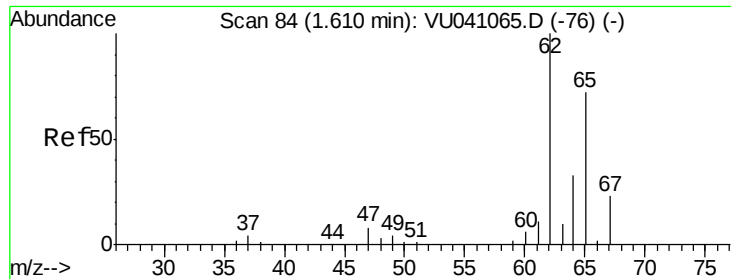
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#5

Vinyl chloride

Concen: 0.108 ug/L

RT: 1.48 min Scan# 43

Delta R.T. -0.13 min

Lab File: VU041089.D

Acq: 03 Nov 2020 19:41

Instrument :

MSVOA_U

ClientSampleID :

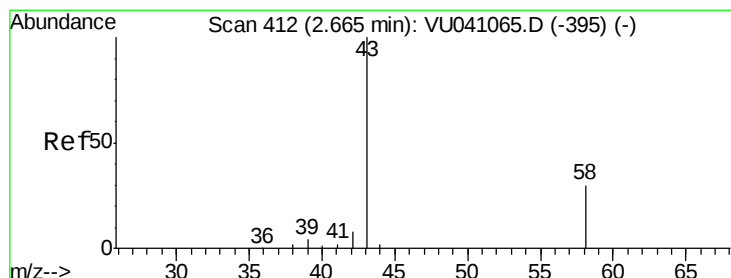
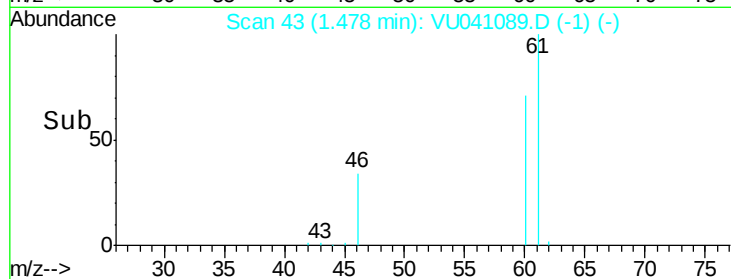
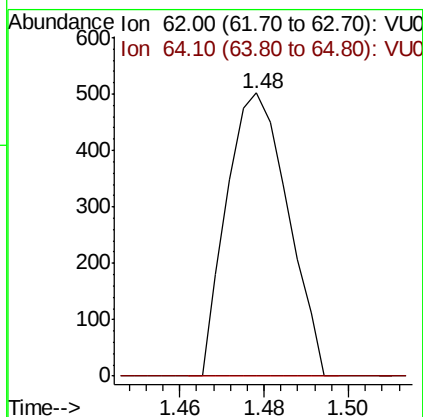
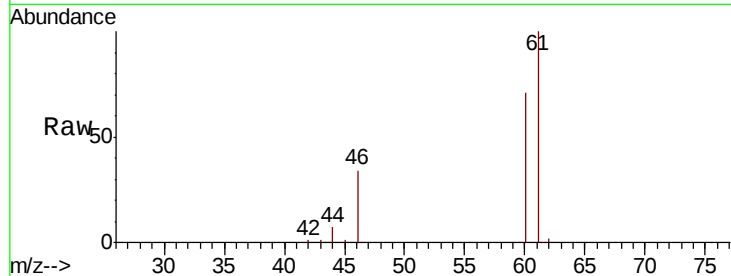
C0AA6

Tot Ion: 62 Resp: 504

Ion Ratio Lower Upper

62 100

64 0.0 22.7 42.3#



#13

Acetone

Concen: 2.072 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU041089.D

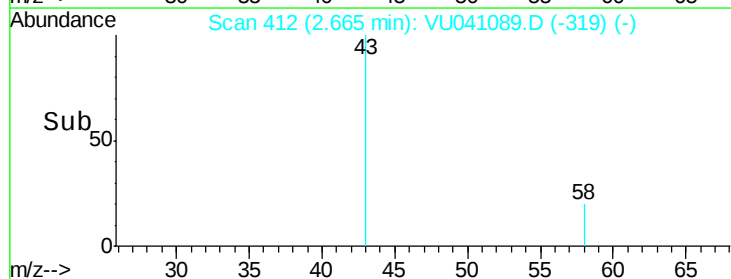
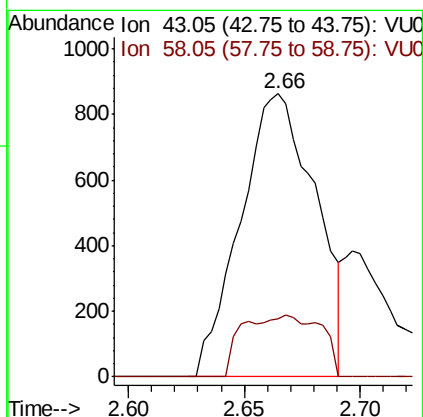
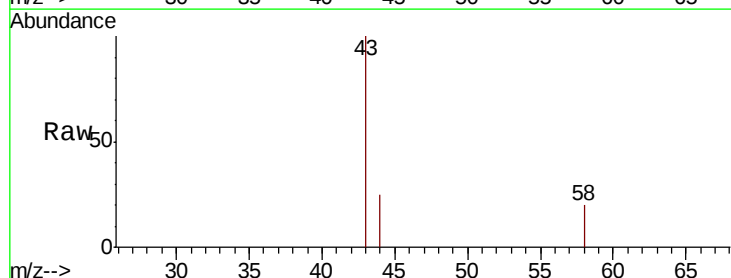
Acq: 03 Nov 2020 19:41

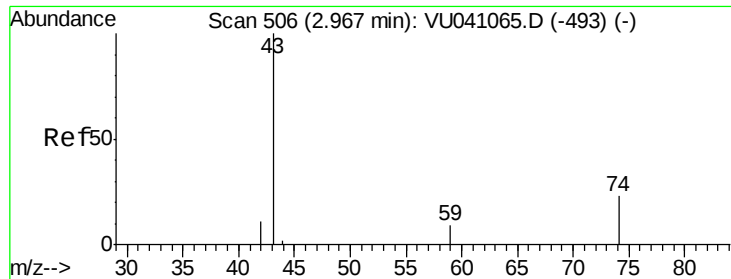
Tgt Ion: 43 Resp: 1945

Ion Ratio Lower Upper

43 100

58 22.5 0.0 25.4

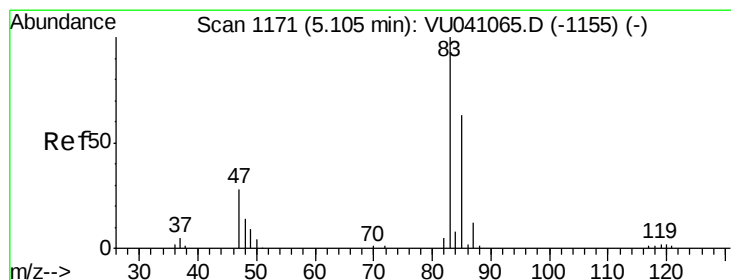
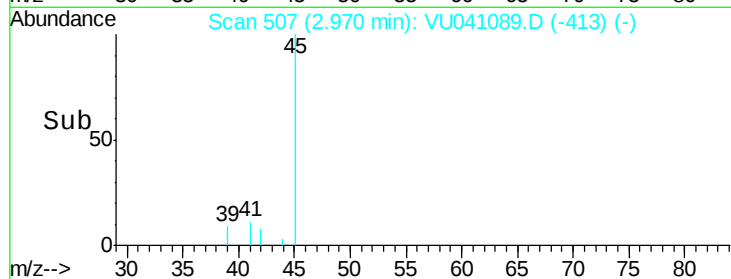
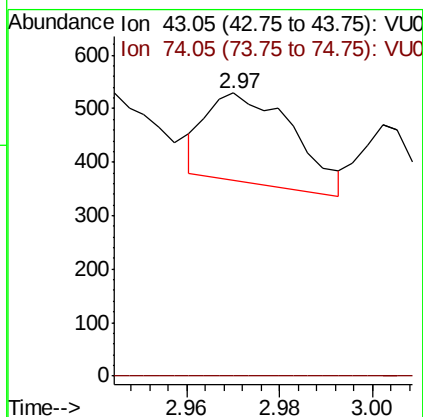
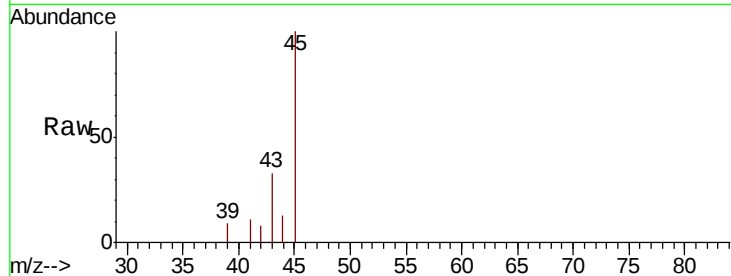




#15
Methyl Acetate
Concen: 0.101 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU041089.D
Acq: 03 Nov 2020 19:41

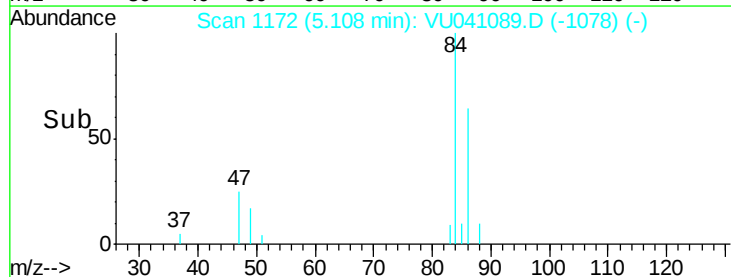
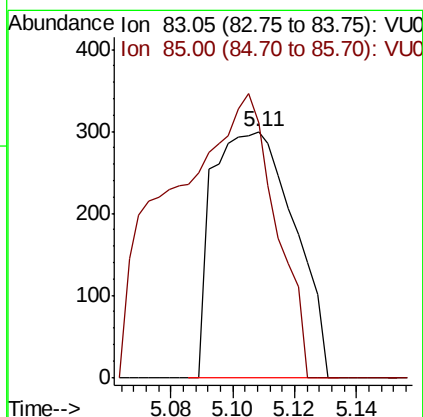
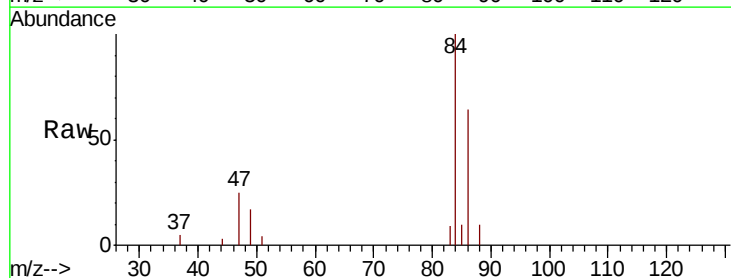
Instrument :
MSVOA_U
ClientSampleId :
C0AA6

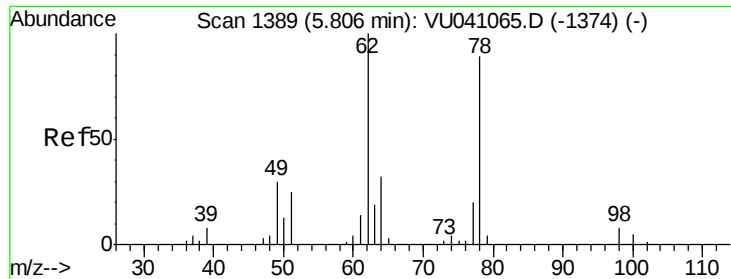
Tot Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
Chloroform
Concen: 0.077 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041089.D
Acq: 03 Nov 2020 19:41

Tgt Ion: 83 Resp: 548
Ion Ratio Lower Upper
83 100
85 103.7 46.1 85.7#





#27

1,2-Dichloroethane

Concen: 0.071 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041089.D

Acq: 03 Nov 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

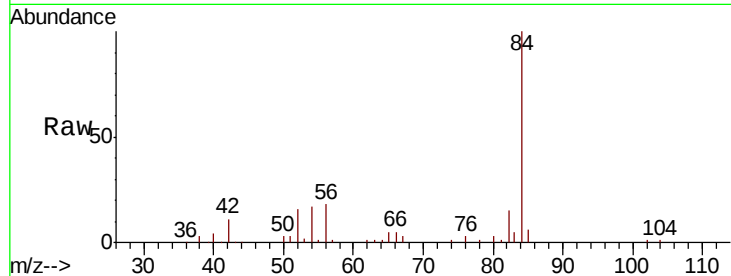
C0AA6

Tot Ion: 62 Resp: 380

Ion Ratio Lower Upper

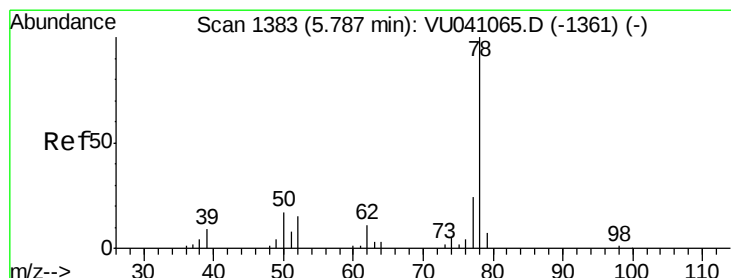
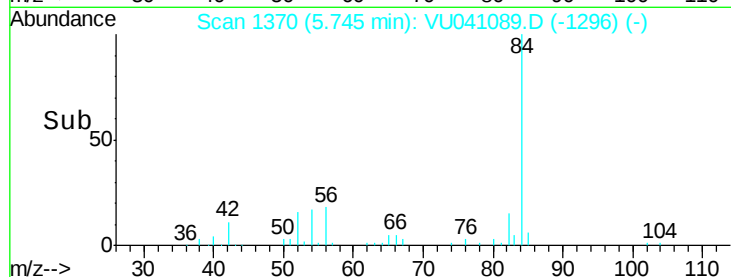
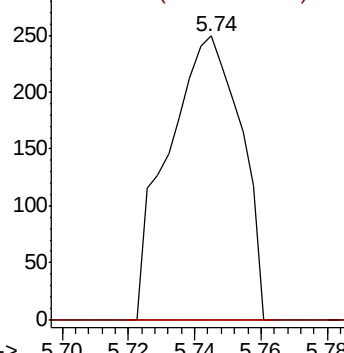
62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#33

Benzene

Concen: 0.028 ug/L

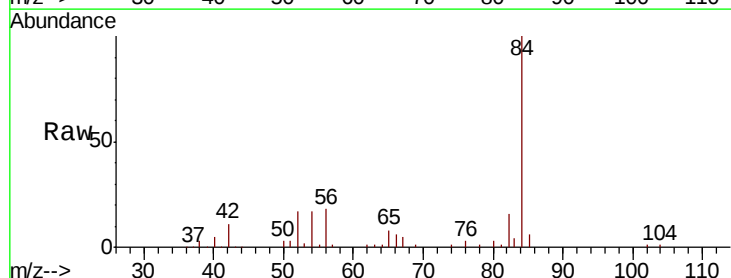
RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

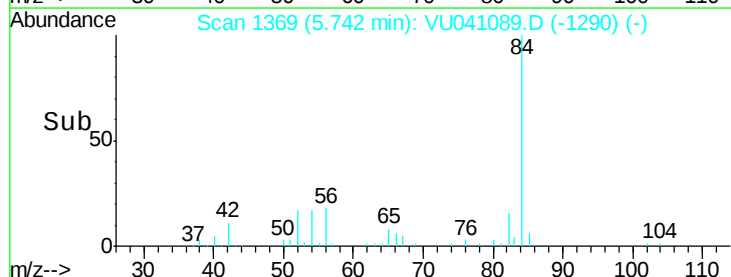
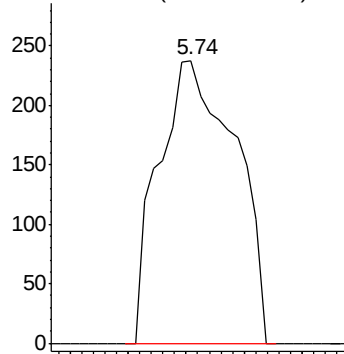
Lab File: VU041089.D

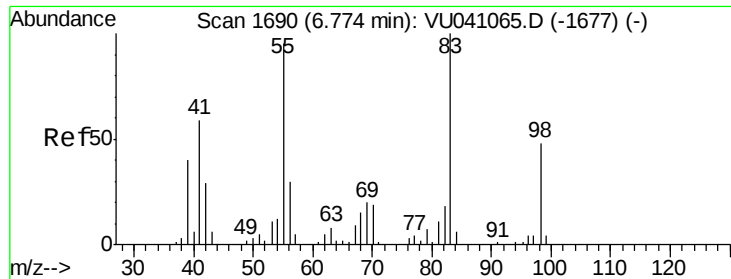
Acq: 03 Nov 2020 19:41

Tgt Ion: 78 Resp: 438



Abundance Ion 78.10 (77.80 to 78.80): VU0

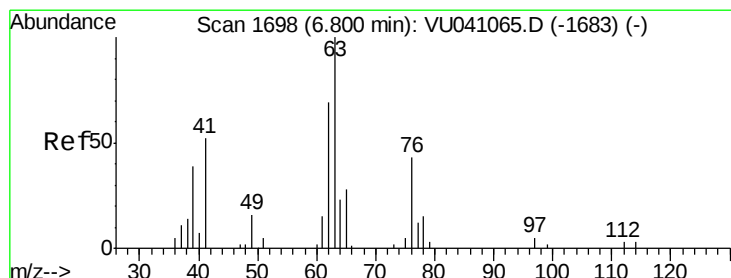
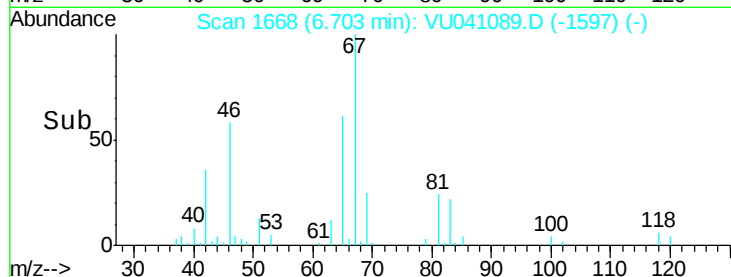
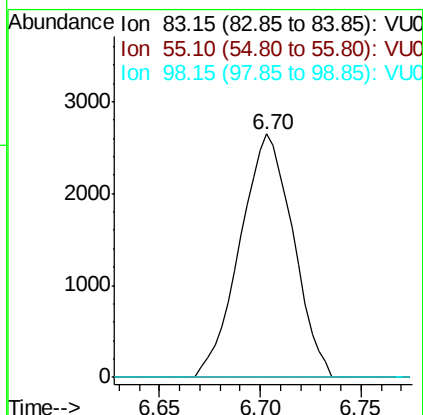
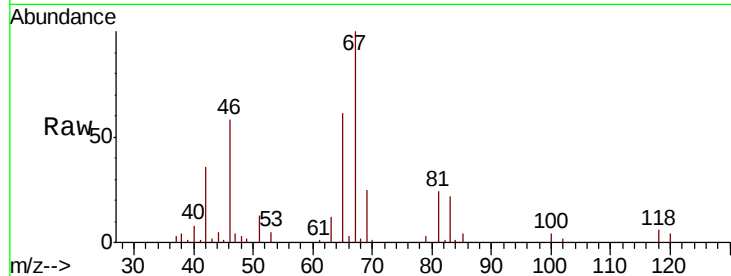




#35
Methvlcvclohexane
Concen: 0.820 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041089.D
Acq: 03 Nov 2020 19:41

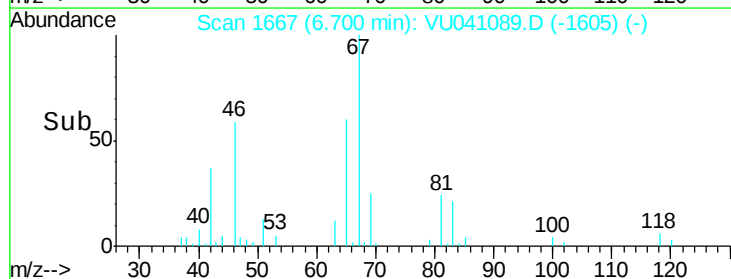
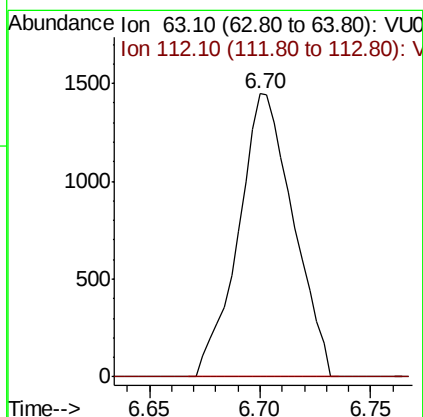
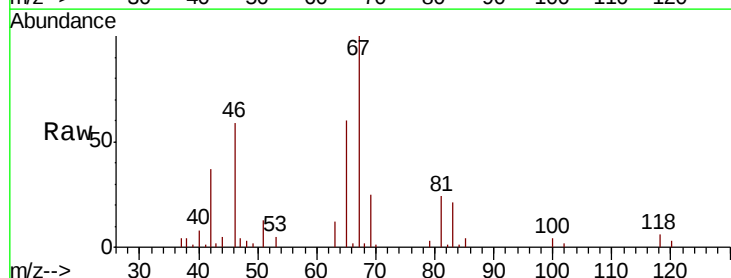
Instrument :
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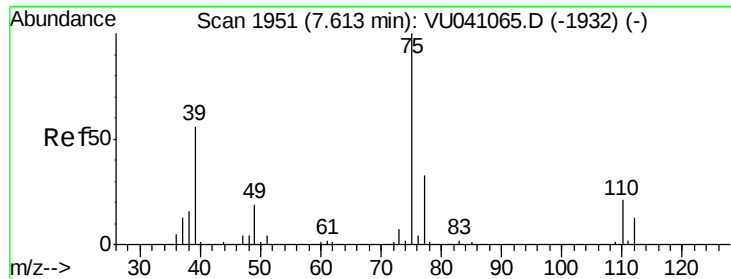
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041089.D
Acq: 03 Nov 2020 19:41

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

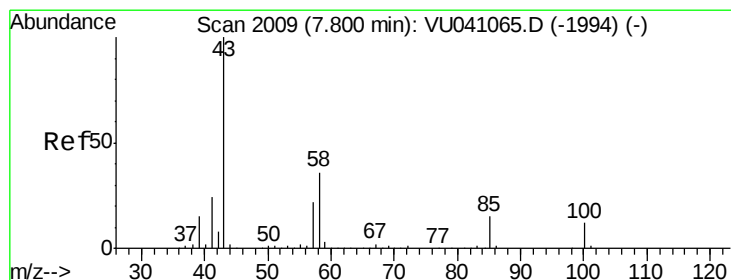
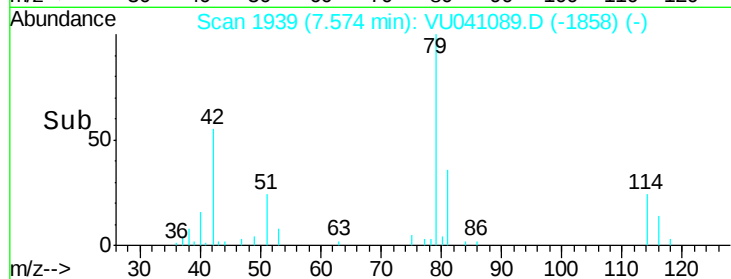
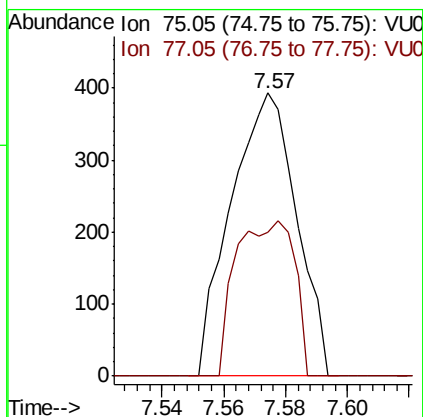
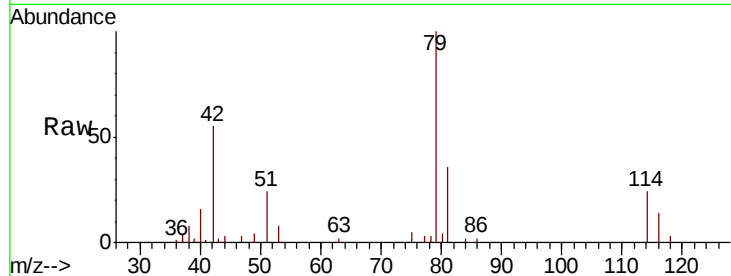




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041089.D
 Acq: 03 Nov 2020 19:41

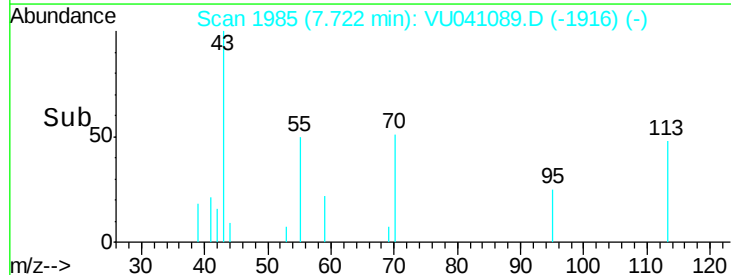
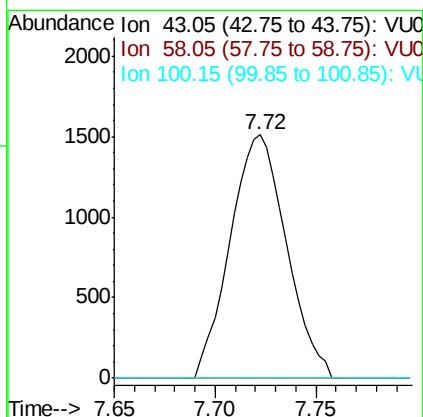
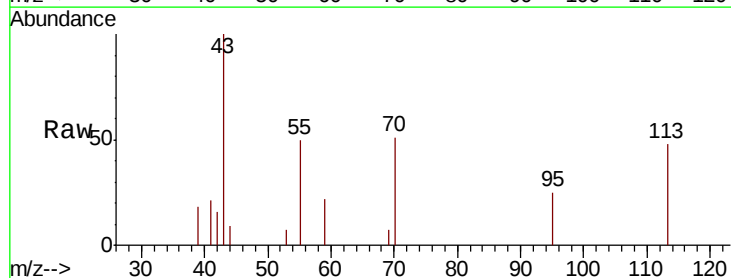
Instrument :
 MSVOA_U
 ClientSampleId :
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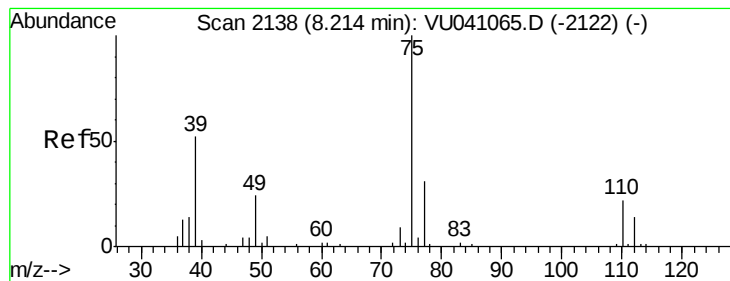
Tot Ion: 75 Resp: 578
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.7 42.3#



#40
 4-Methyl-2-pentanone
 Concen: 0.874 ug/L
 RT: 7.72 min Scan# 1985
 Delta R.T. -0.08 min
 Lab File: VU041089.D
 Acq: 03 Nov 2020 19:41

Tgt Ion: 43 Resp: 2945
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 44.6#
 100 0.0 10.5 15.7#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU041089.D

Acq: 03 Nov 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

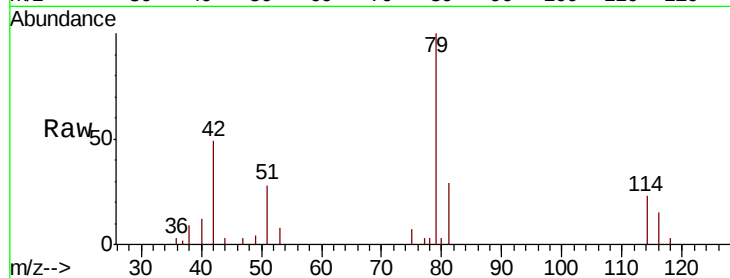
C0AA6

Tot Ion: 75 Resp: 400

Ion Ratio Lower Upper

75 100

77 40.2 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

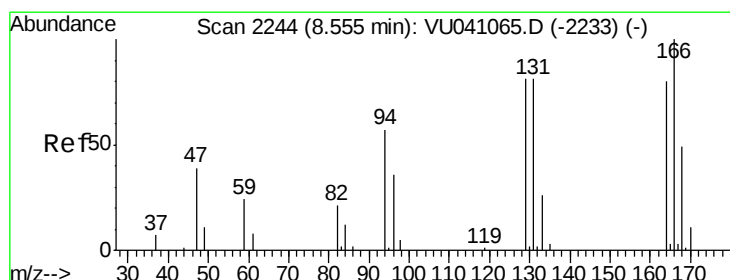
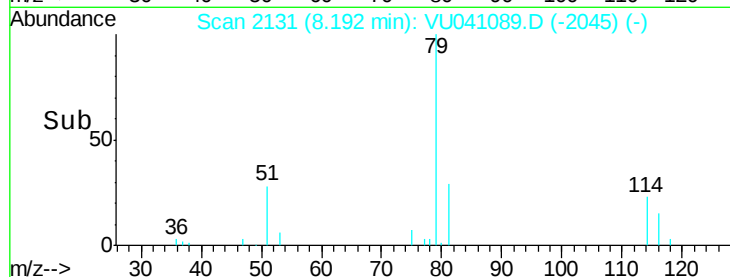
300

200

100

0

Time-->



#47

Tetrachloroethene

Concen: 0.125 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041089.D

Acq: 03 Nov 2020 19:41

Tgt Ion: 164 Resp: 366

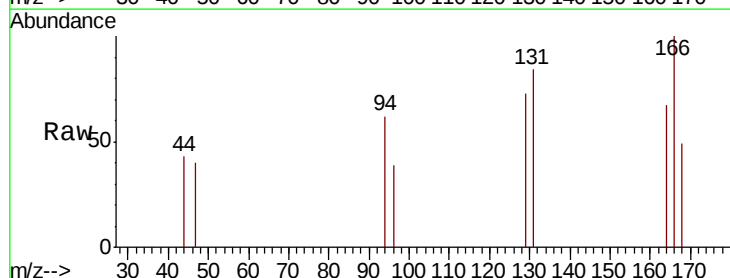
Ion Ratio Lower Upper

164 100

129 109.3 70.3 130.7

131 125.6 70.8 131.4

166 149.3 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

500

400

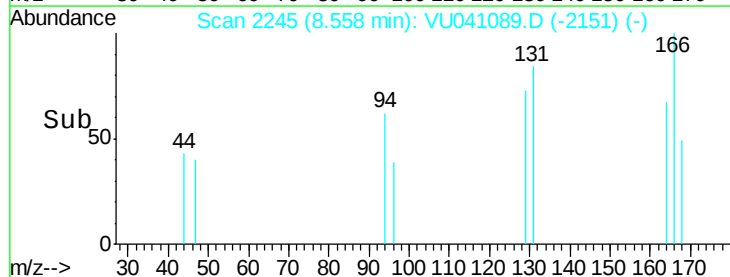
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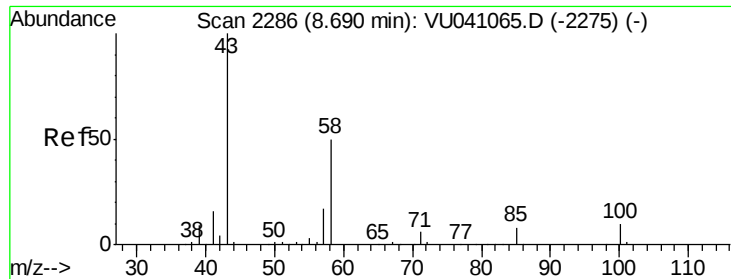
200

100

0

Time-->

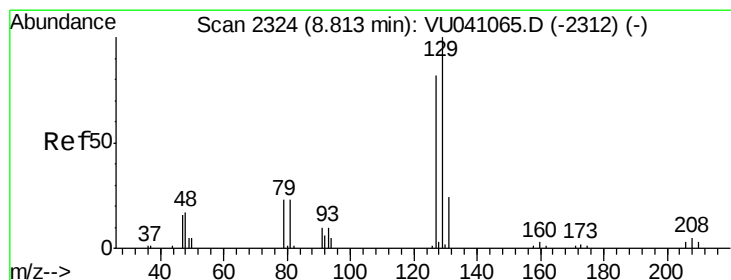
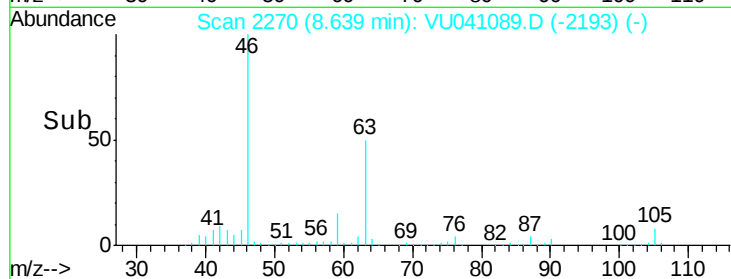
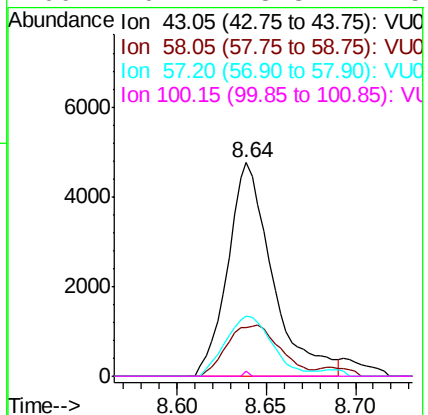
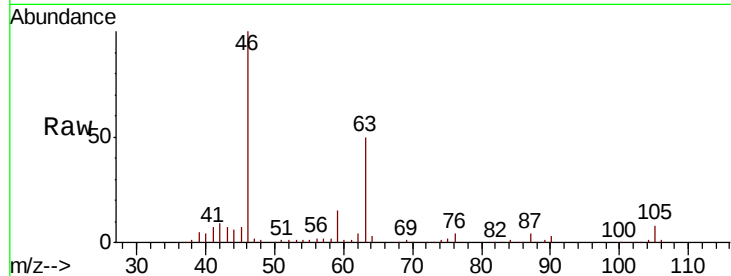




#48
2-Hexanone
Concen: 3.264 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041089.D
Acq: 03 Nov 2020 19:41

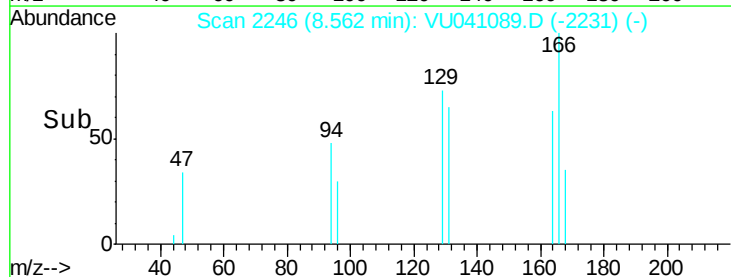
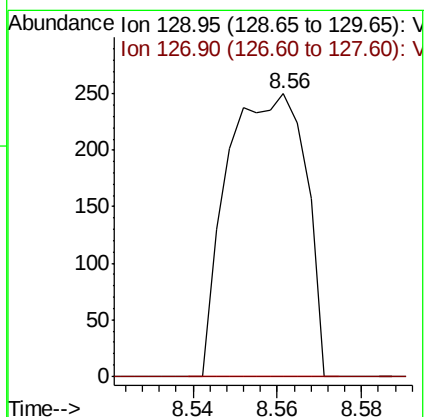
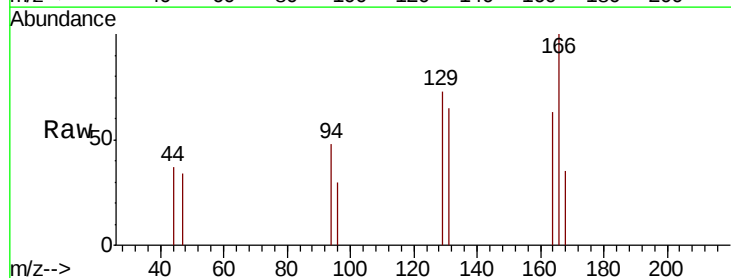
Instrument :
MSVOA_U
ClientSampleId :
C0AA6

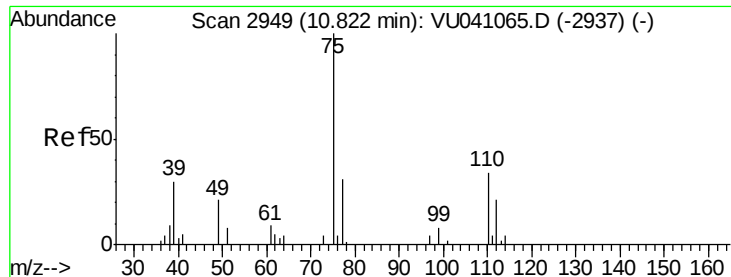
Tot Ion: 43 Resp: 8279
Ion Ratio Lower Upper
43 100
58 28.5 41.4 62.2#
57 29.3 14.6 21.8#
100 0.2 8.3 12.5#



#49
Dibromochloromethane
Concen: 0.088 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU041089.D
Acq: 03 Nov 2020 19:41

Tgt Ion: 129 Resp: 322
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 0.973 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041089.D

Acq: 03 Nov 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

C0AA6

Tot Ion: 75 Resp: 3063

Ion Ratio Lower Upper

75 100

77 36.6 25.7 38.5

