

Data File : VU031973.D
Acq On : 13 May 2019 17:02
Operator : JC/SP
Sample : K2739-08DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB886DL

Quant Time: May 14 02:43:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	556578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	546197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	261207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99266	2.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.40%
7) Chloroethane-d5	1.66	69	103956	3.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.40%
11) 1,1-Dichloroethene-d2	2.27	63	156511	1.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.40%#
20) 2-Butanone-d5	4.18	46	509341	34.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.78%
24) Chloroform-d	4.64	84	255794	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.80%#
26) 1,2-Dichloroethane-d4	5.31	65	145063	3.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.40%#
32) Benzene-d6	5.33	84	491916	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.40%
36) 1,2-Dichloropropane-d6	6.32	67	176334	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.80%
41) Toluene-d8	7.56	98	422682	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.85	79	57683	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
46) 2-Hexanone-d5	8.31	63	424660	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	167704	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	183078	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

					Qvalue
6) Bromomethane	1.61	94	5897	0.192 ug/L	88
13) Acetone	2.32	43	15031	1.486 ug/L	88
15) Methyl Acetate	2.69	43	10916	0.418 ug/L #	64
18) trans-1,2-Dichloroethene	2.98	96	3127	0.077 ug/L #	59
22) cis-1,2-Dichloroethene	4.22	96	4851	0.099 ug/L	71
30) Cyclohexane	4.98	56	126360	1.541 ug/L	91
35) Methylcyclohexane	6.41	83	325134	4.714 ug/L	96
45) 1,1,2-Trichloroethane	8.04	97	81320	2.518 ug/L #	17
48) 2-Hexanone	8.37	43	35644	1.367 ug/L	97
56) Isopropylbenzene	10.16	105	672196	3.760 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	35442	1.099 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5880	0.773 ug/L #	27
68) 1,2,4-trichlorobenzene	13.50	180	10248	0.220 ug/L #	44
69) Naphthalene	13.74	128	360085	4.510 ug/L #	97
70) 1,2,3-Trichlorobenzene	13.98	180	10893	0.251 ug/L #	45

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

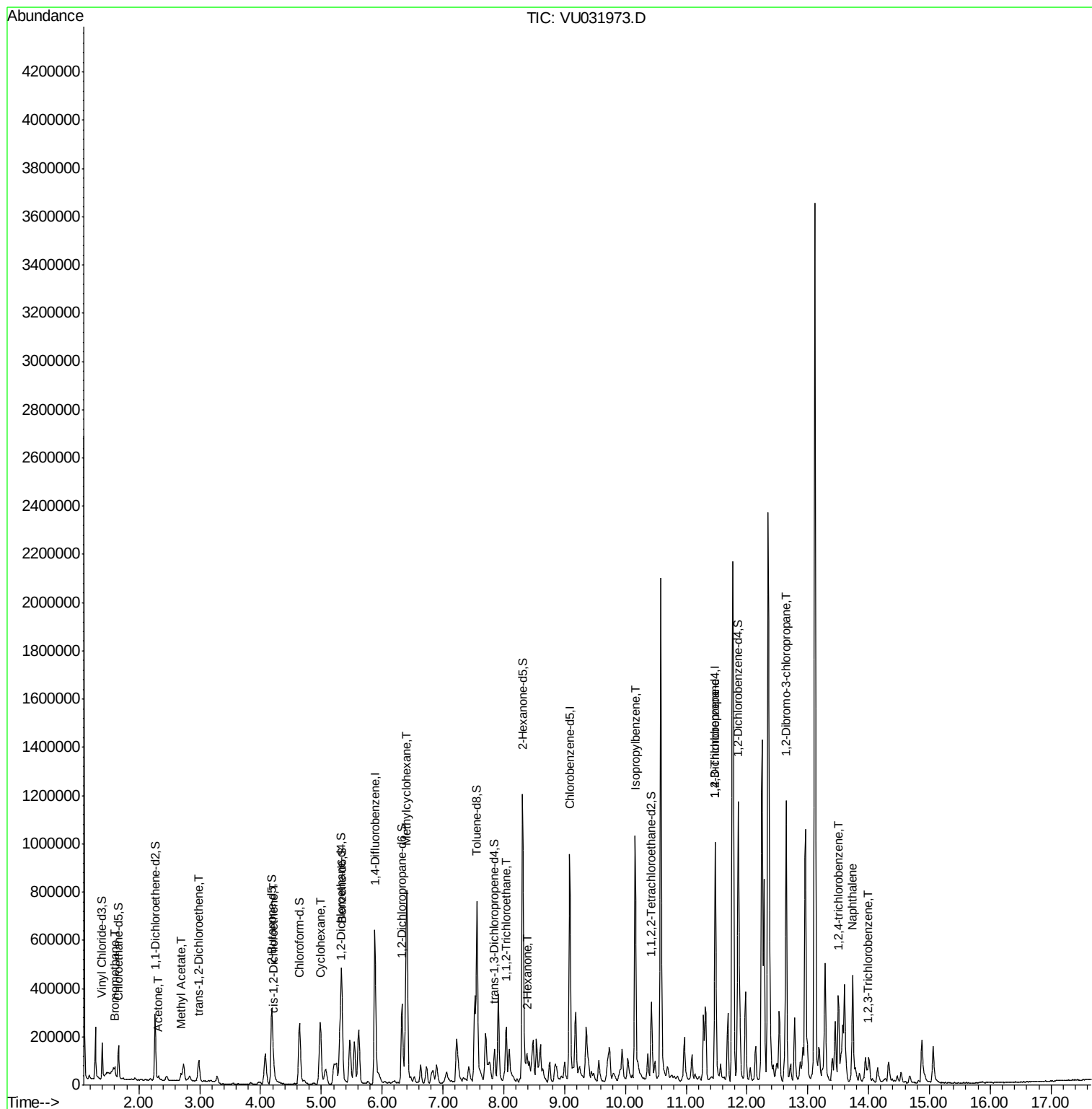
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

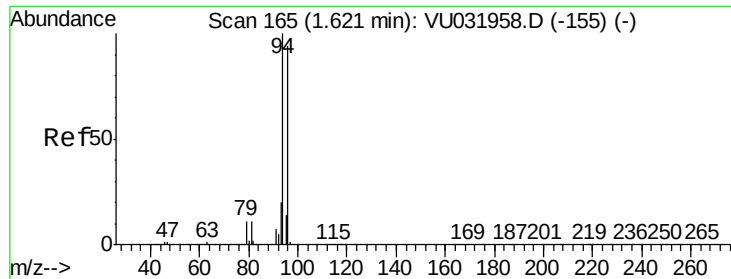
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#6

Bromomethane

Concen: 0.192 ug/L

RT: 1.61 min Scan# 161

Delta R.T. -0.01 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

Instrument :

MSVOA_U

ClientSampleId :

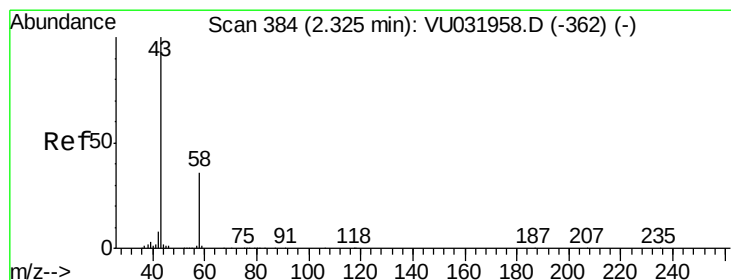
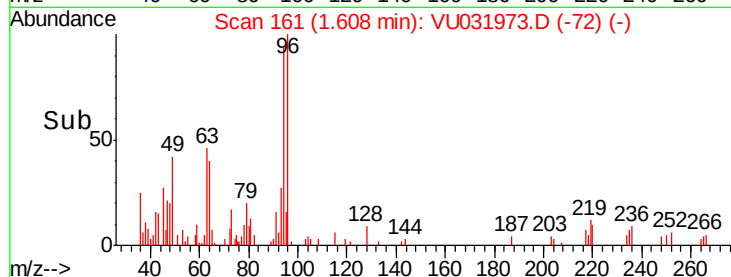
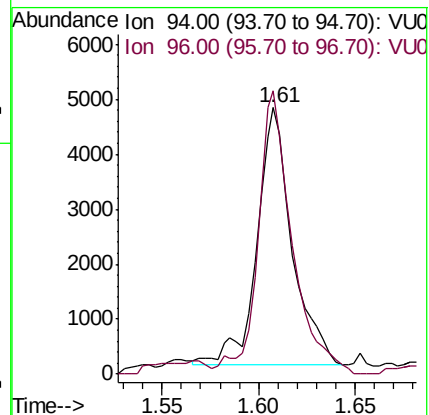
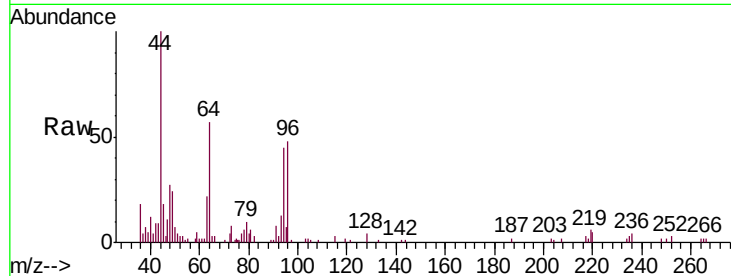
DB886DL

Tgt Ion: 94 Resp: 5897

Ion Ratio Lower Upper

94 100

96 106.3 66.1 122.8



#13

Acetone

Concen: 1.486 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU031973.D

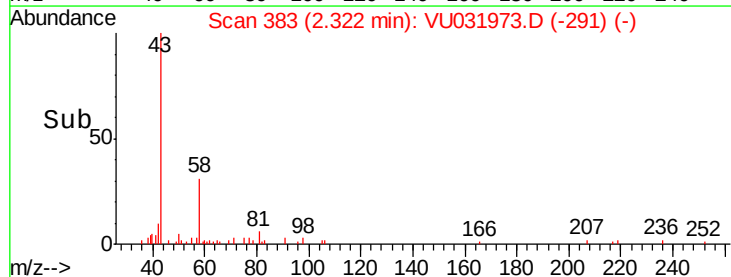
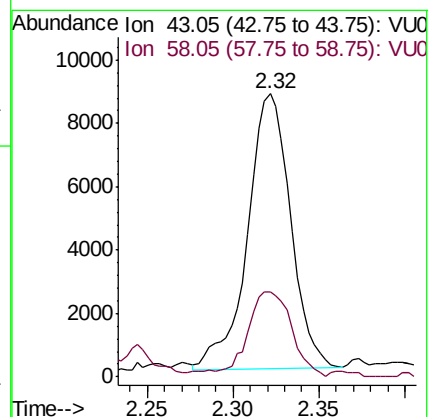
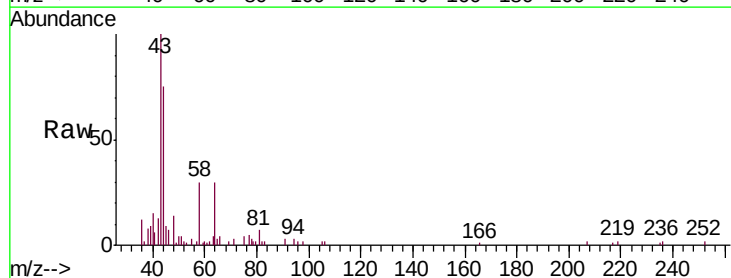
Acq: 13 May 2019 17:02

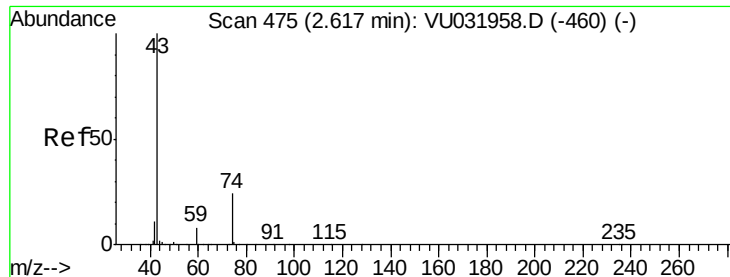
Tgt Ion: 43 Resp: 15031

Ion Ratio Lower Upper

43 100

58 32.8 0.0 53.6





#15

Methyl Acetate

Concen: 0.418 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.08 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

Instrument :

MSVOA_U

ClientSampleId :

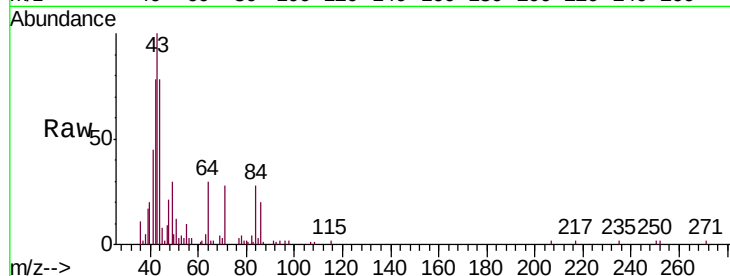
DB886DL

Tgt Ion: 43 Resp: 10916

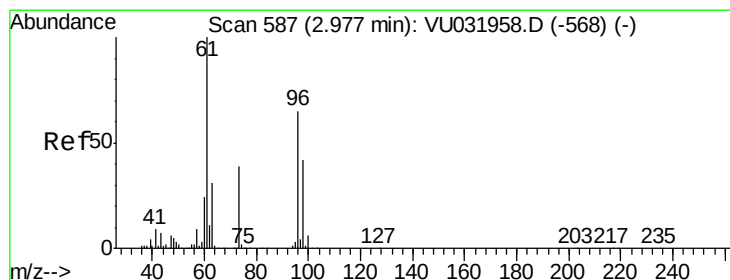
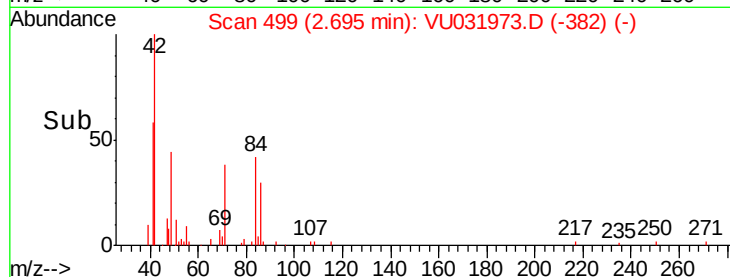
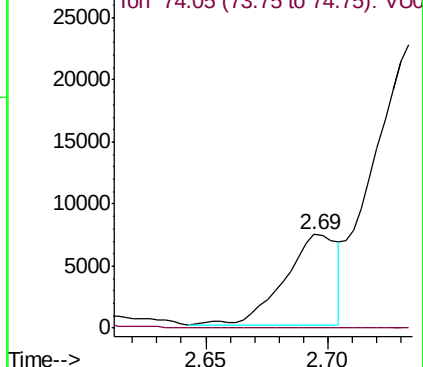
Ion Ratio Lower Upper

43 100

74 2.2 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU031973.D (-499) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.077 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

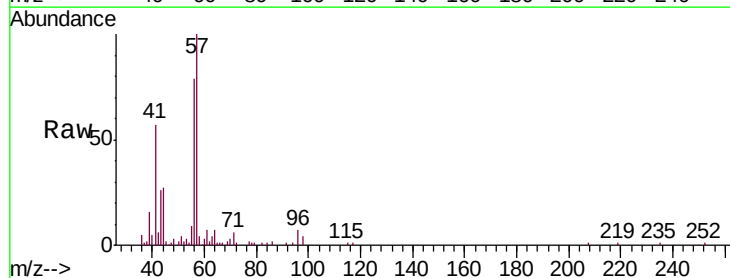
Tgt Ion: 96 Resp: 3127

Ion Ratio Lower Upper

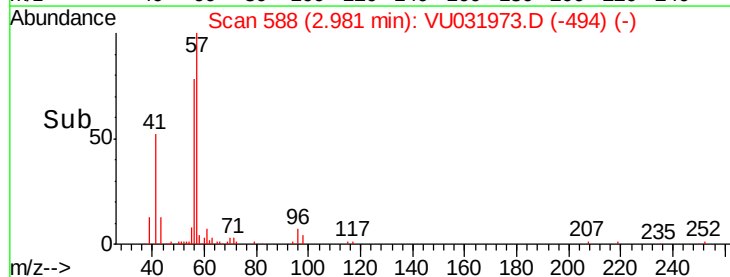
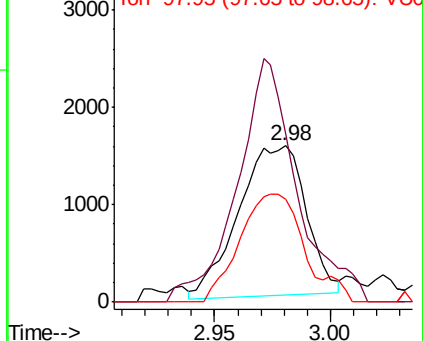
96 100

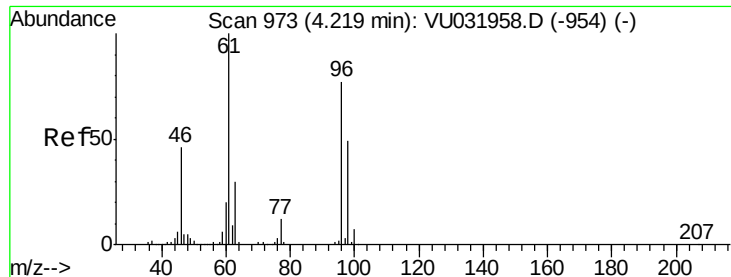
61 107.4 130.9 243.1#

98 65.8 46.2 85.8



Abundance Ion 96.00 (95.70 to 96.70): VU031973.D (-588) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.099 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

Instrument :

MSVOA_U

ClientSampleId :

DB886DL

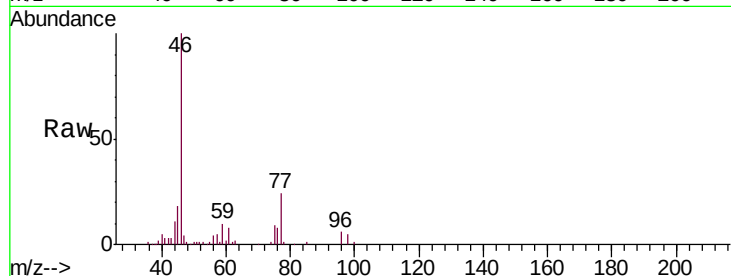
Tgt Ion: 96 Resp: 4851

Ion Ratio Lower Upper

96 100

61 123.0 113.3 210.5

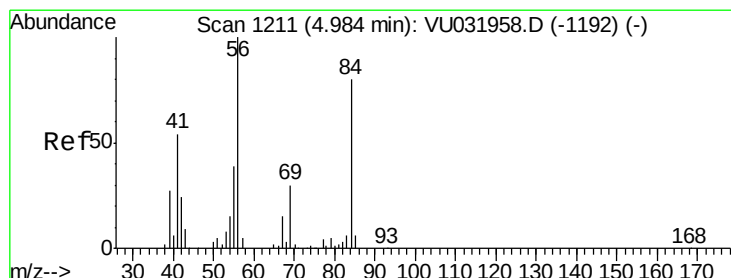
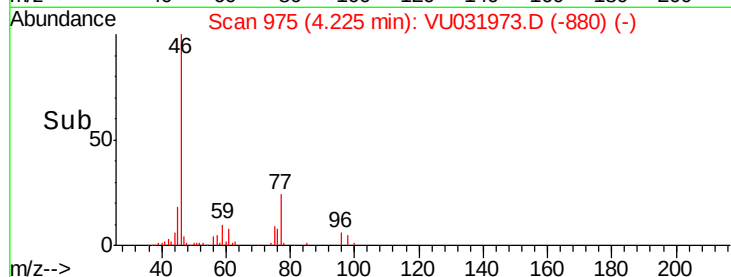
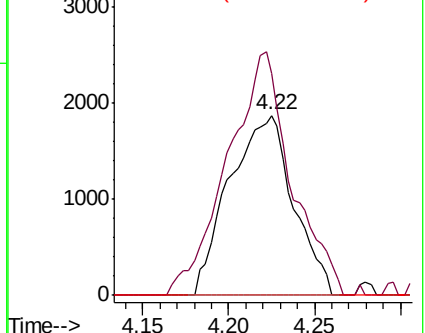
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031958.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU031958.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU031958.D (-954) (-)



#30

Cyclohexane

Concen: 1.541 ug/L

RT: 4.98 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

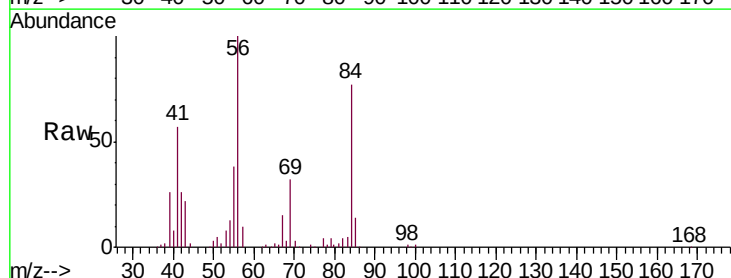
Tgt Ion: 56 Resp: 126360

Ion Ratio Lower Upper

56 100

69 29.8 21.8 32.8

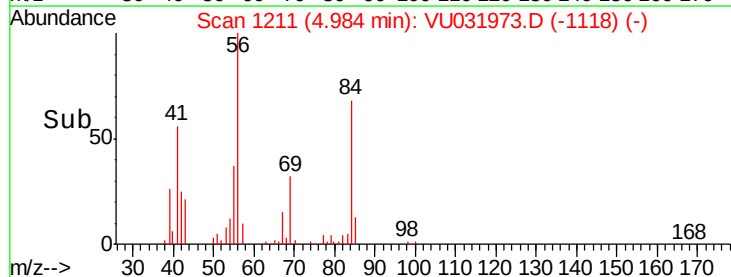
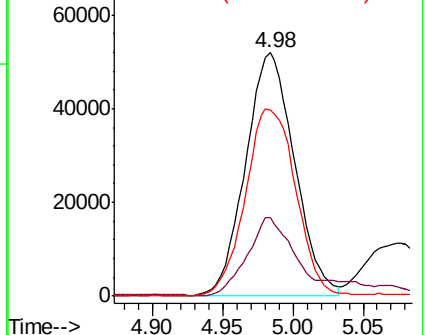
84 79.3 56.8 85.2

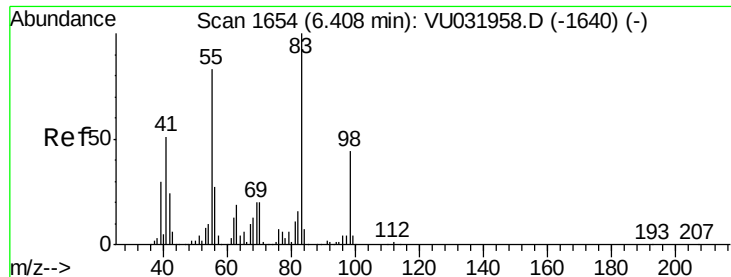


Abundance Ion 56.10 (55.80 to 56.80): VU031958.D (-1192) (-)

Ion 69.15 (68.85 to 69.85): VU031958.D (-1192) (-)

Ion 84.15 (83.85 to 84.85): VU031958.D (-1192) (-)

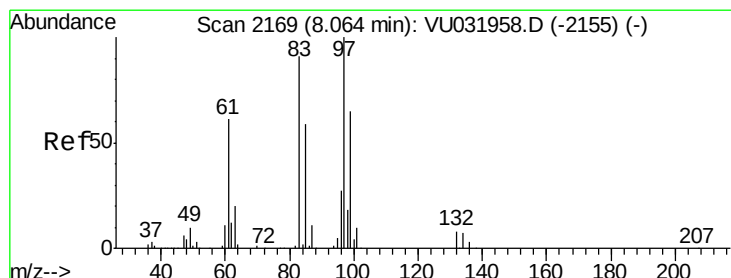
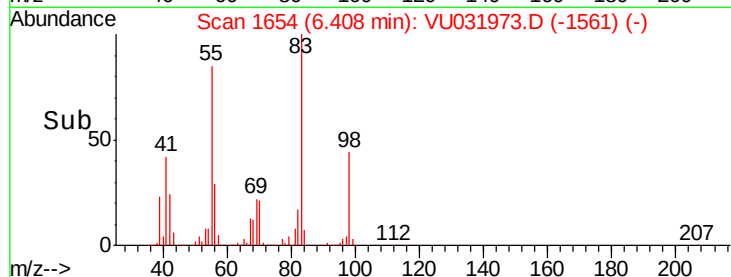
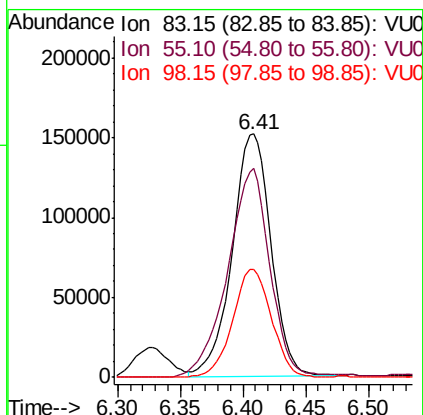
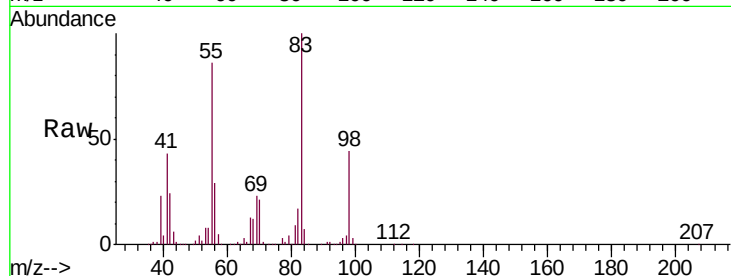




#35
Methylcyclohexane
Concen: 4.714 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031973.D
Acq: 13 May 2019 17:02

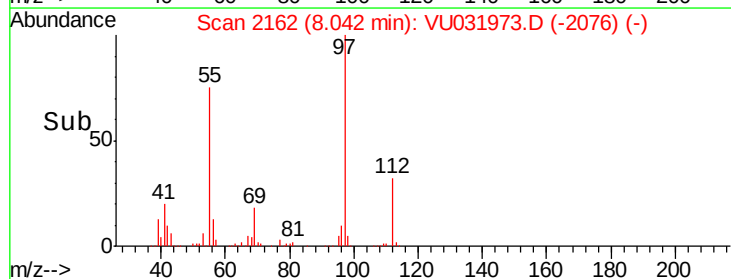
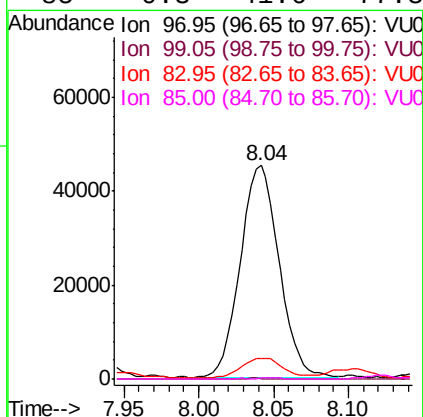
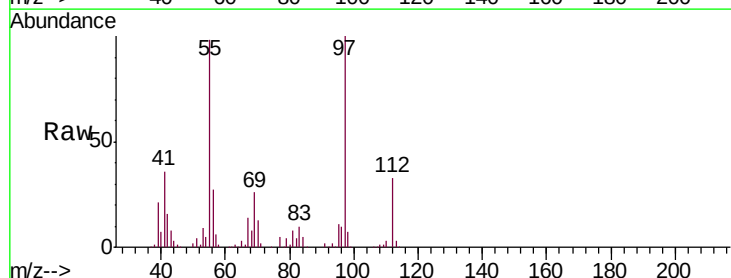
Instrument :
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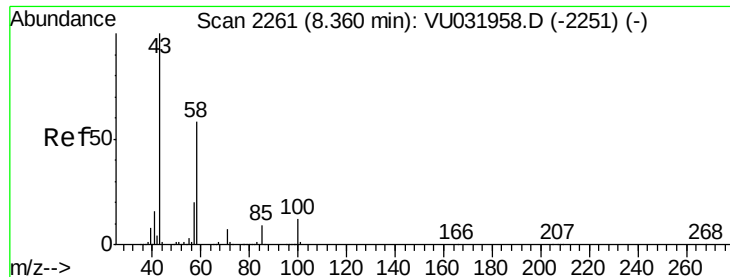
Tgt Ion: 83 Resp: 325134
Ion Ratio Lower Upper
83 100
55 94.8 79.2 118.8
98 44.2 34.0 51.0



#45
1,1,2-Trichloroethane
Concen: 2.518 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.02 min
Lab File: VU031973.D
Acq: 13 May 2019 17:02

Tgt Ion: 97 Resp: 81320
Ion Ratio Lower Upper
97 100
99 0.3 45.8 85.0#
83 9.6 64.5 119.7#
85 0.3 41.6 77.3#





#48

2-Hexanone

Concen: 1.367 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

Instrument :

MSVOA_U

ClientSampleId :

DB886DL

Tgt Ion: 43 Resp: 35644

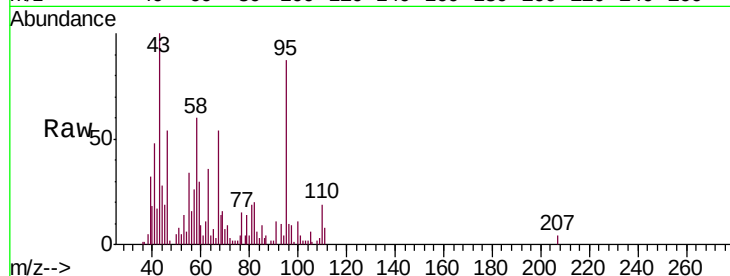
Ion Ratio Lower Upper

43 100

58 51.3 40.2 60.2

57 14.9 13.8 20.6

100 6.5 6.4 9.6

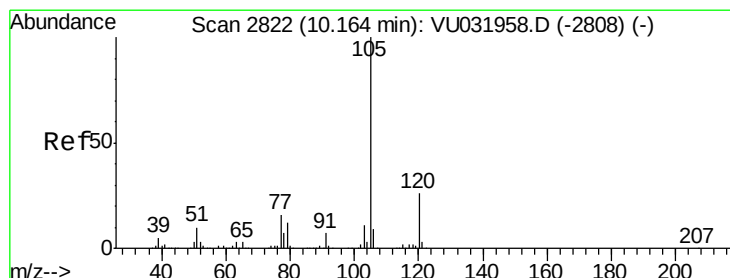
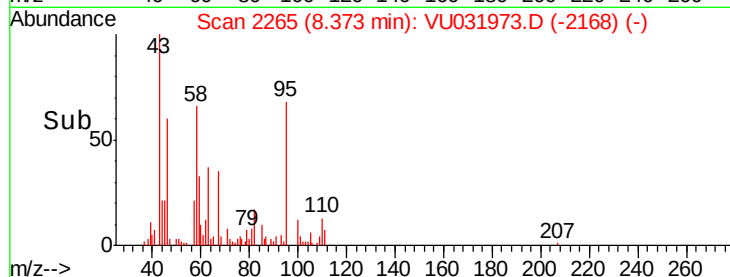
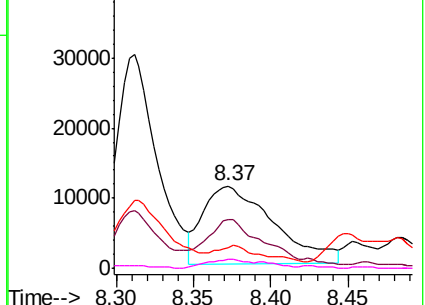


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#56

Isopropylbenzene

Concen: 3.760 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU031973.D

Acq: 13 May 2019 17:02

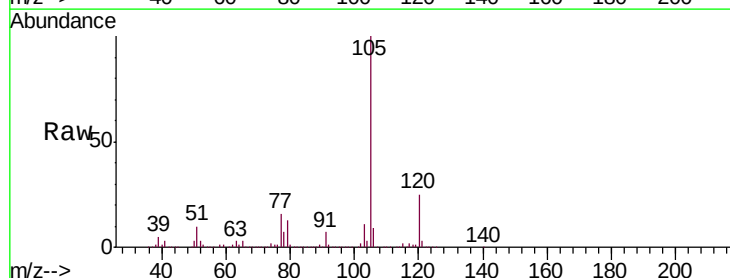
Tgt Ion: 105 Resp: 672196

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.4

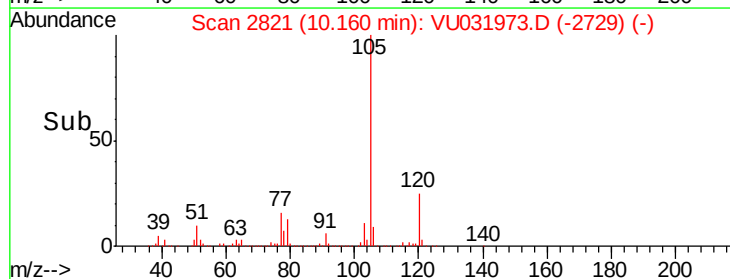
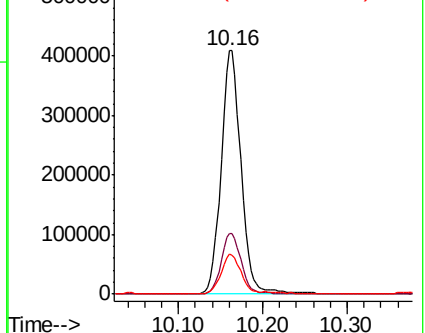
77 16.6 14.8 22.2

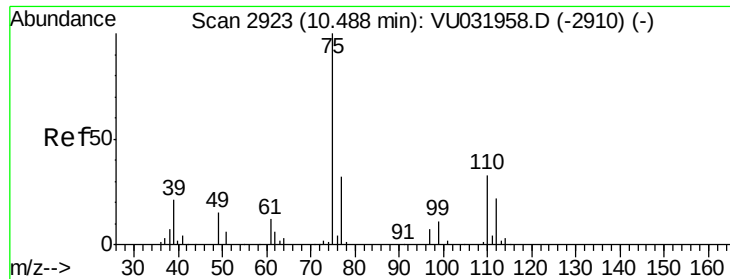


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

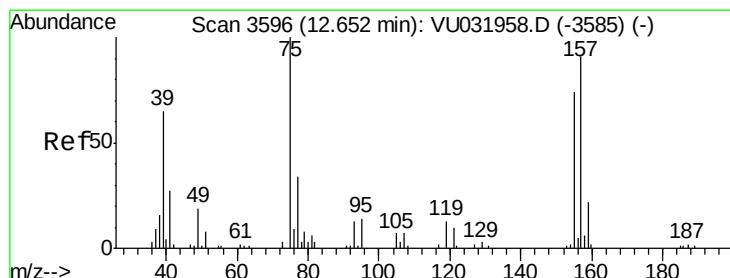
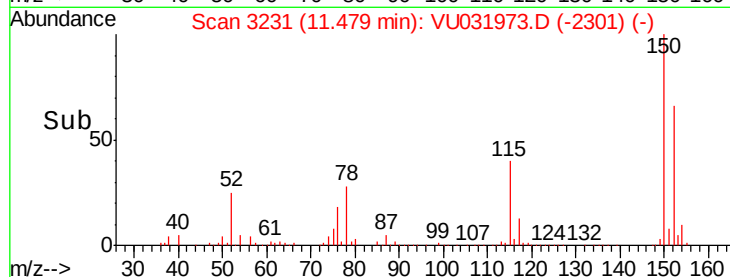
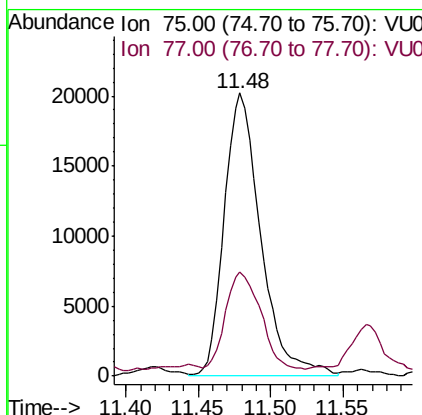
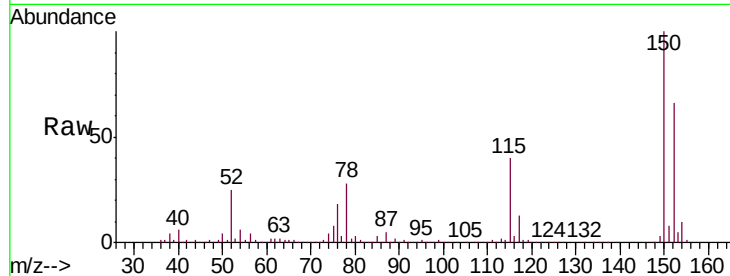




#59
 1,2,3-Trichloropropane
 Concen: 1.099 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031973.D
 Acq: 13 May 2019 17:02

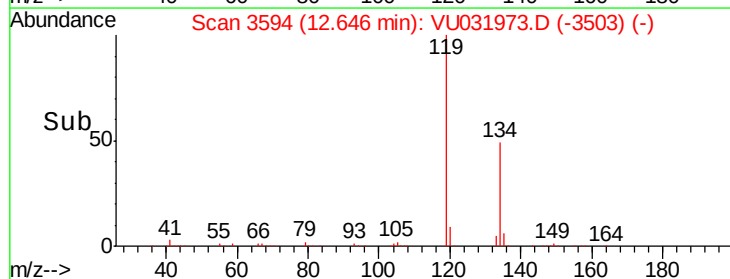
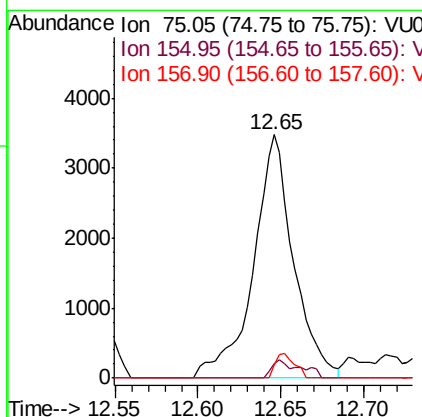
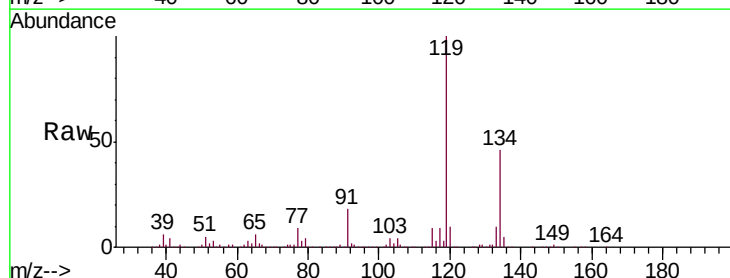
Instrument :
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 ClientSampleId :
 DB886DL

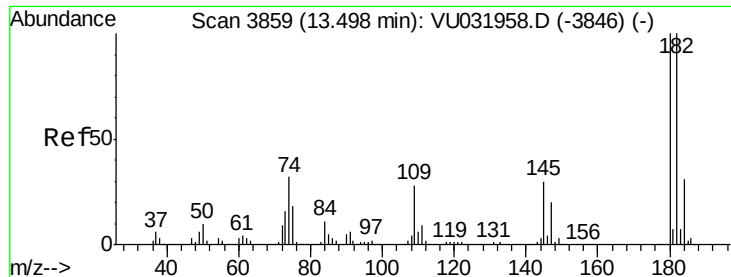
Tgt Ion: 75 Resp: 35442
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.3 39.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.773 ug/L
 RT: 12.65 min Scan# 3594
 Delta R.T. -0.01 min
 Lab File: VU031973.D
 Acq: 13 May 2019 17:02

Tgt Ion: 75 Resp: 5880
 Ion Ratio Lower Upper
 75 100
 155 5.7 42.2 63.2#
 157 5.2 54.9 82.3#

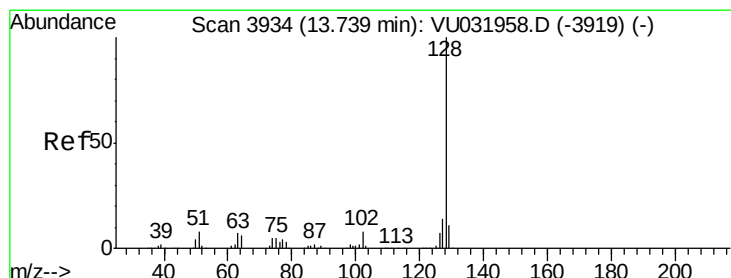
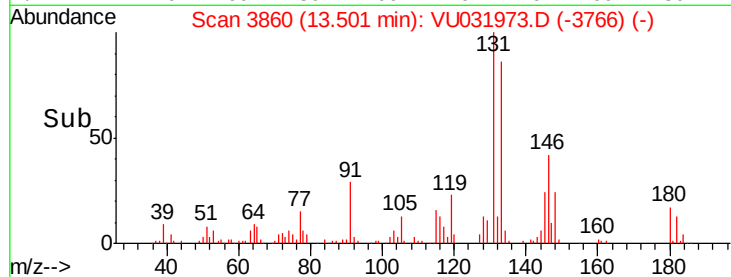
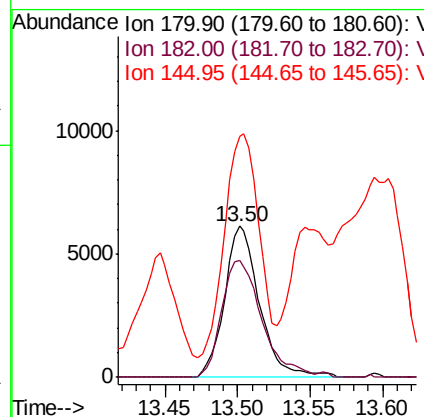
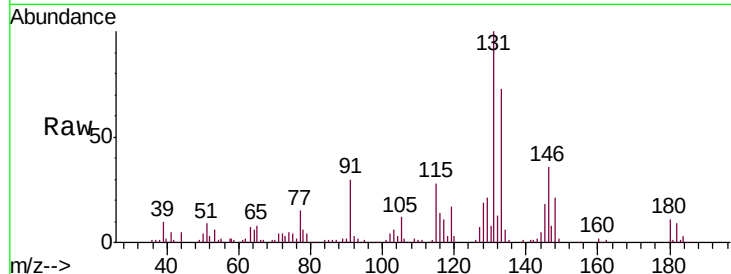




#68
 1,2,4-trichlorobenzene
 Concen: 0.220 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU031973.D
 Acq: 13 May 2019 17:02

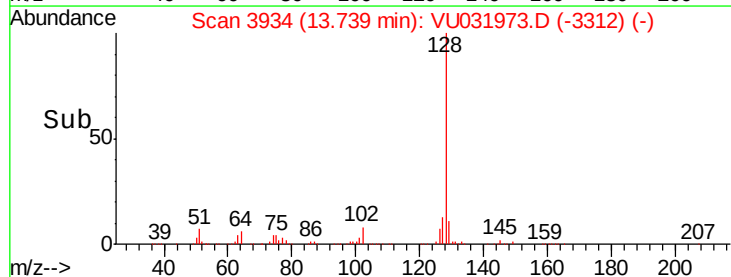
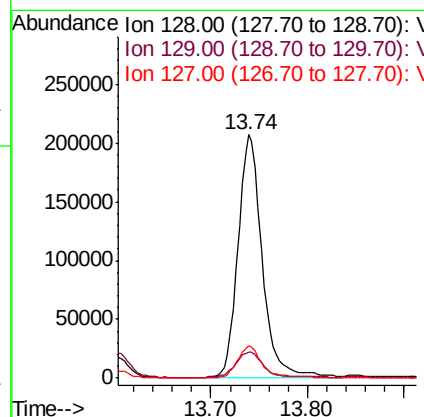
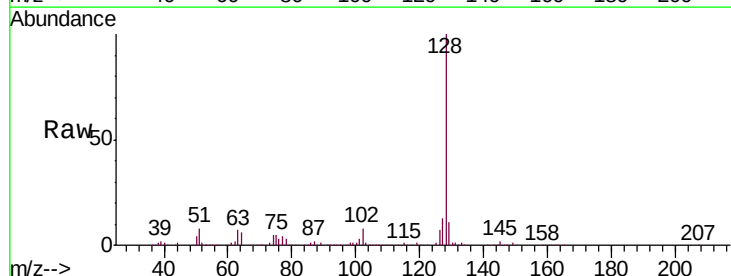
Instrument :
 MSVOA_U
 ClientSampleId :
 DB886DL

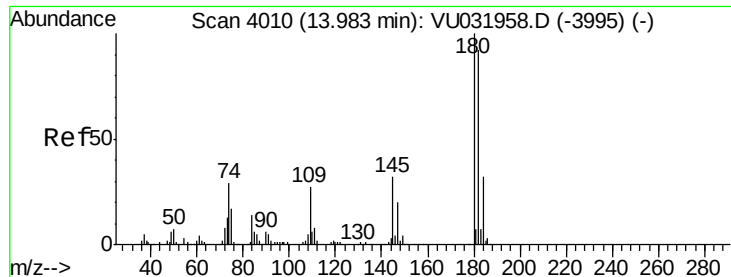
Tgt Ion:180 Resp: 10248
 Ion Ratio Lower Upper
 180 100
 182 88.3 74.8 112.2
 145 146.0 25.4 38.2#



#69
 Naphthalene
 Concen: 4.510 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: VU031973.D
 Acq: 13 May 2019 17:02

Tgt Ion:128 Resp: 360085
 Ion Ratio Lower Upper
 128 100
 129 12.3 8.0 12.0#
 127 13.2 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.251 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU031973.D
 Acq: 13 May 2019 17:02

Instrument :
 MSVOA_U
 ClientSampleId :
 DB886DL

Tgt Ion:180 Resp: 10893
 Ion Ratio Lower Upper
 180 100
 182 88.0 78.4 117.6
 145 139.2 27.4 41.0#

