

Data File : VU036033.D
Acq On : 06 Dec 2019 19:25
Operator : JC/SP
Sample : K6105-05DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE25DL

Quant Time: Dec 06 22:38:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	280187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132322	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	143813	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	197010	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.70	46	274939	48.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	5.11	84	208825	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	113456	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.77	84	422531	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.73	67	128187	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.93	98	346631	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.21	79	50695	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.68	63	220198	49.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	113709	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	110488	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

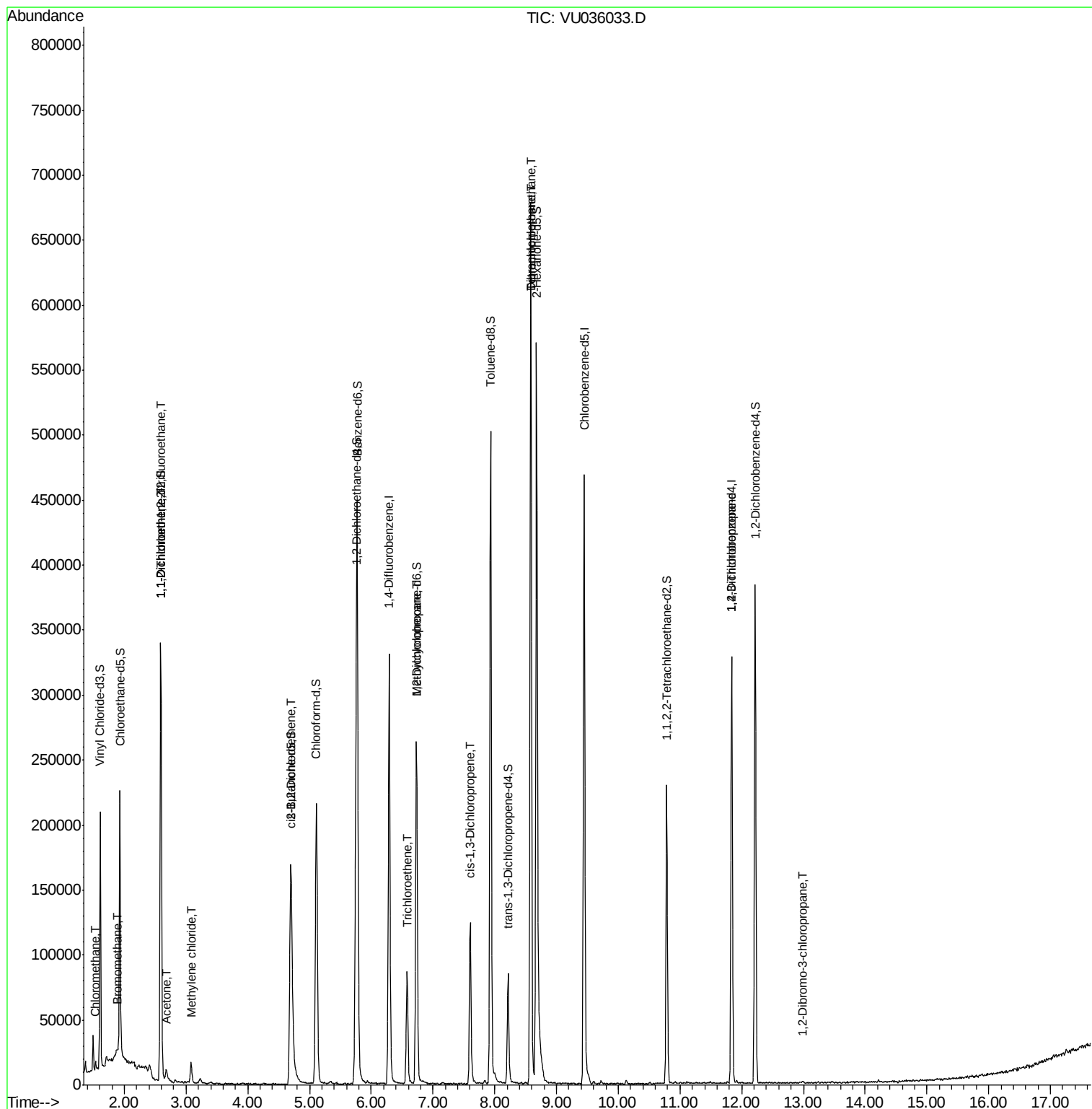
					Qvalue
3) Chloromethane	1.54	50	5188	0.157 ug/L	99
6) Bromomethane	1.87	94	2102	0.110 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2675	0.124 ug/L #	33
12) 1,1-Dichloroethene	2.59	96	3170	0.158 ug/L #	1
13) Acetone	2.68	43	9015	1.763 ug/L	75
16) Methylene chloride	3.08	84	7619	0.245 ug/L	89
22) cis-1,2-Dichloroethene	4.71	96	7899	0.352 ug/L	88
34) Trichloroethene	6.58	95	29834	1.295 ug/L	95
35) Methylcyclohexane	6.73	83	30896	0.894 ug/L #	17
39) cis-1,3-Dichloropropene	7.61	75	2863	0.087 ug/L #	40
47) Tetrachloroethene	8.58	164	163567	8.734 ug/L	96
49) Dibromochloromethane	8.58	129	145005	7.080 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	10372	0.647 ug/L #	86
66) 1,2-Dibromo-3-chloropropan	12.99	75	287	0.119 ug/L #	8

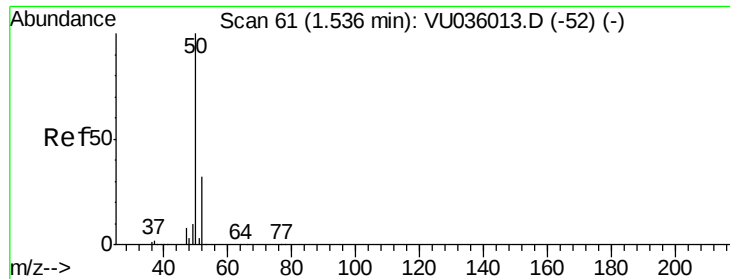
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.157 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036033.D

Acq: 06 Dec 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

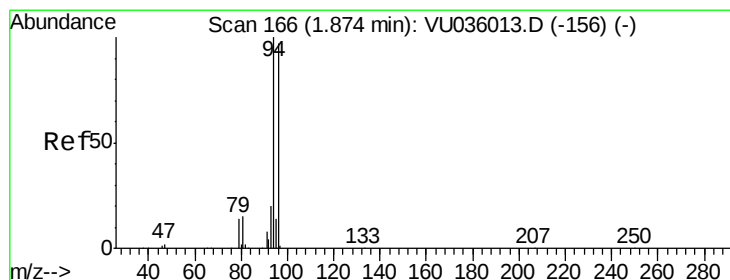
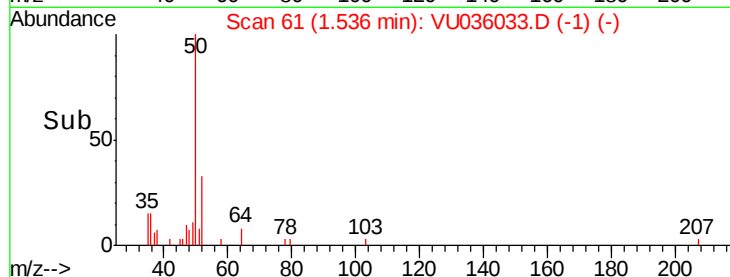
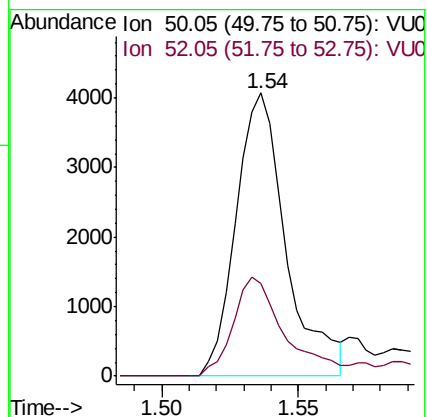
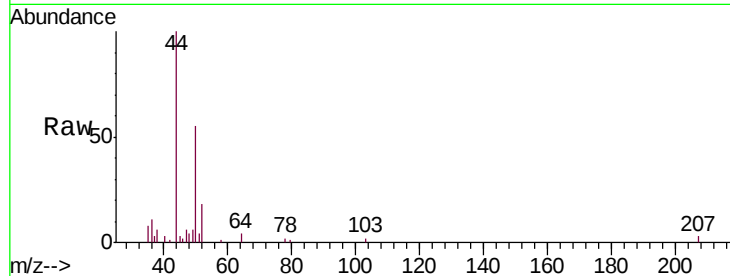
BFE25DL

Tgt Ion: 50 Resp: 5188

Ion Ratio Lower Upper

50 100

52 32.5 23.1 42.9



#6

Bromomethane

Concen: 0.110 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU036033.D

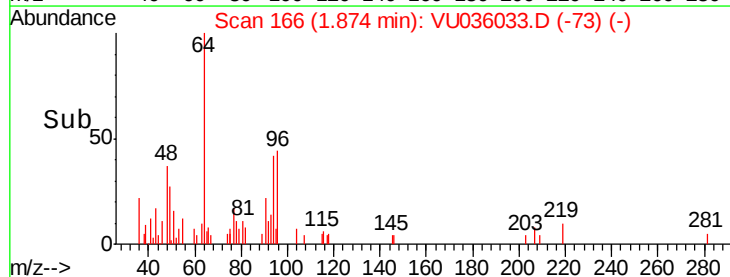
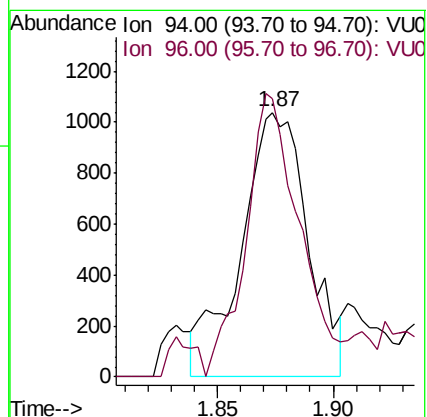
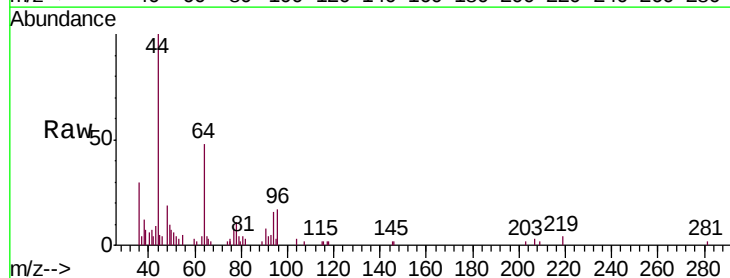
Acq: 06 Dec 2019 19:25

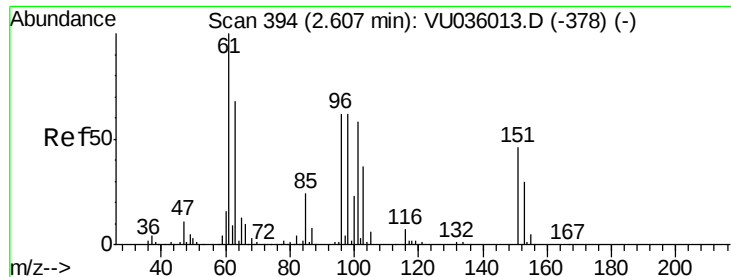
Tgt Ion: 94 Resp: 2102

Ion Ratio Lower Upper

94 100

96 104.9 67.3 124.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.124 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036033.D

Acq: 06 Dec 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

BFE25DL

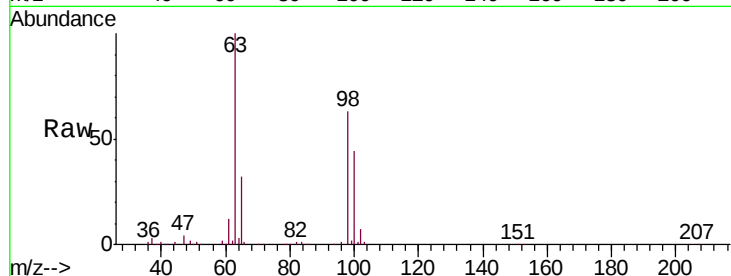
Tgt Ion: 101 Resp: 2675

Ion Ratio Lower Upper

101 100

85 11.2 35.5 53.3#

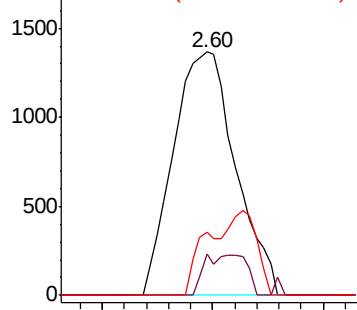
151 8.6 57.5 86.3#



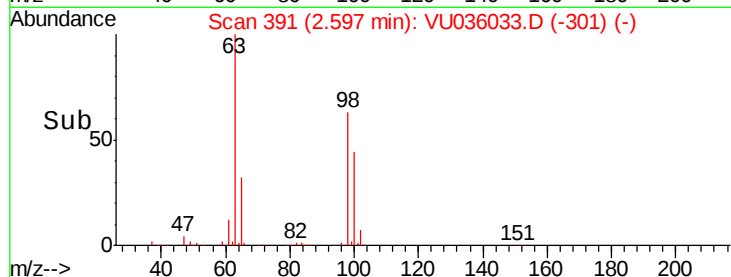
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.158 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036033.D

Acq: 06 Dec 2019 19:25

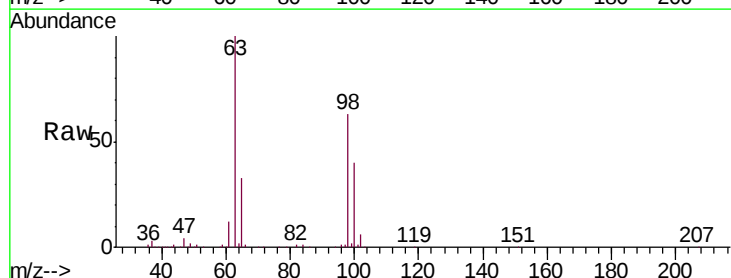
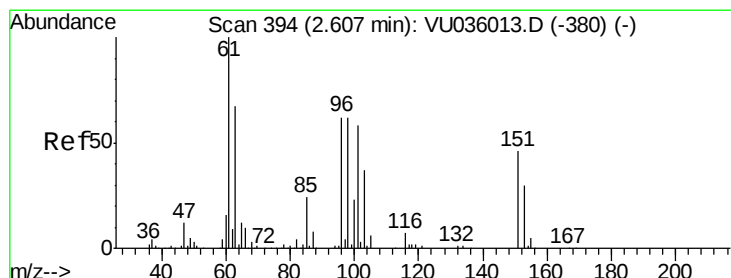
Tgt Ion: 96 Resp: 3170

Ion Ratio Lower Upper

96 100

61 1050.3 127.1 236.1#

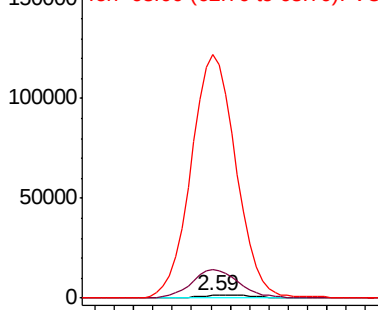
63 8822.0 86.0 159.8#



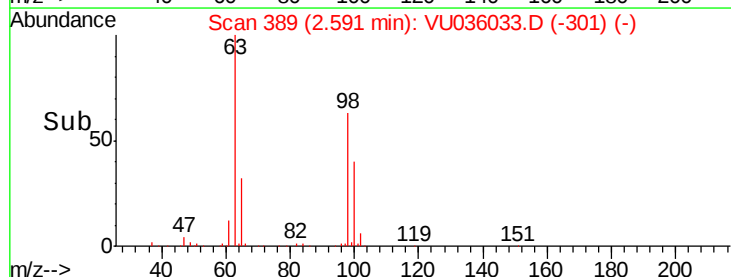
Abundance Ion 96.00 (95.70 to 96.70): VU0

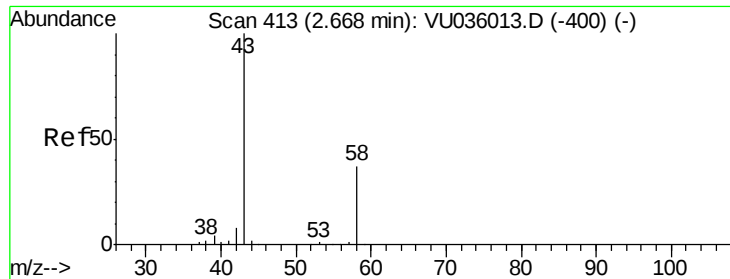
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#13

Acetone

Concen: 1.763 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU036033.D

Acq: 06 Dec 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

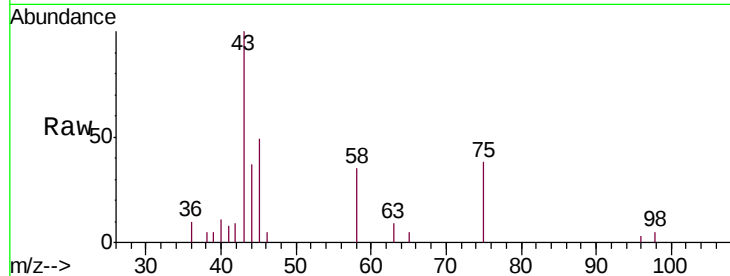
BFE25DL

Tgt Ion: 43 Resp: 9015

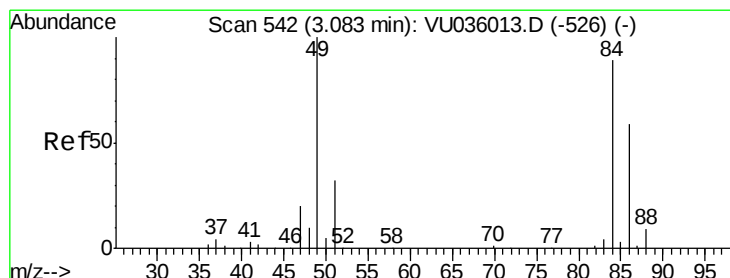
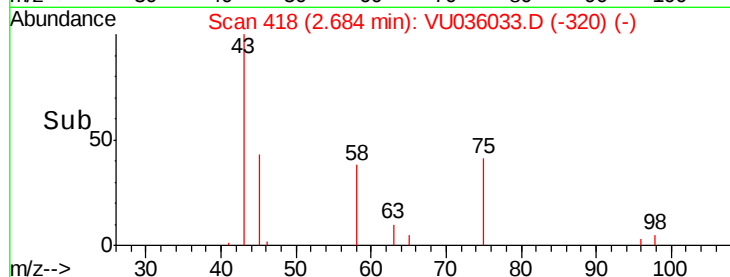
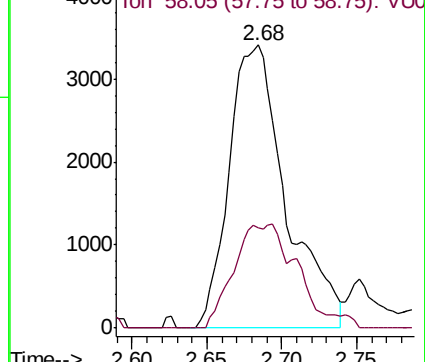
Ion Ratio Lower Upper

43 100

58 19.7 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU036033.D (-320) (-)



#16

Methylene chloride

Concen: 0.245 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036033.D

Acq: 06 Dec 2019 19:25

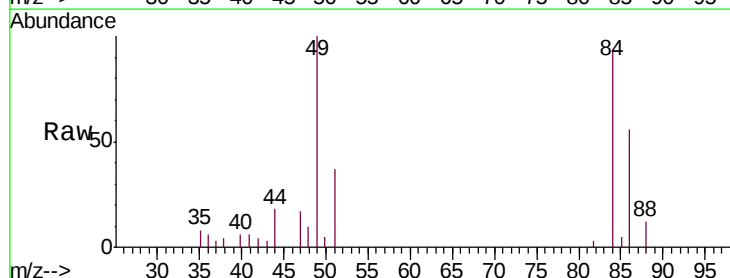
Tgt Ion: 84 Resp: 7619

Ion Ratio Lower Upper

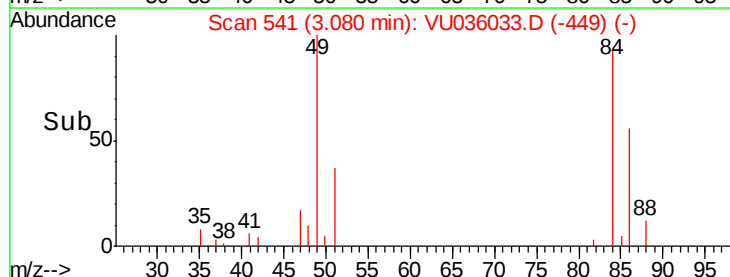
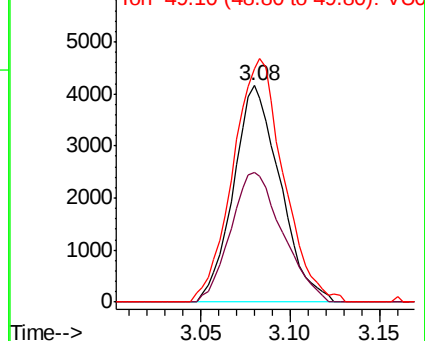
84 100

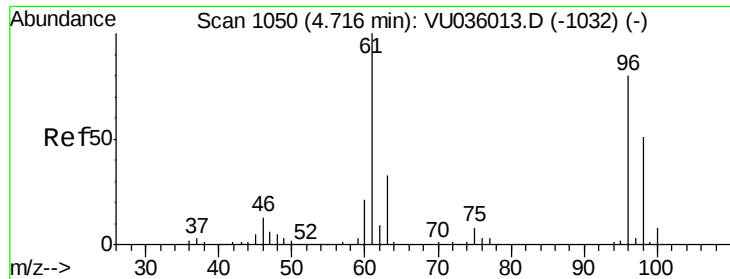
86 60.0 44.7 82.9

49 107.5 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU036033.D (-449) (-)

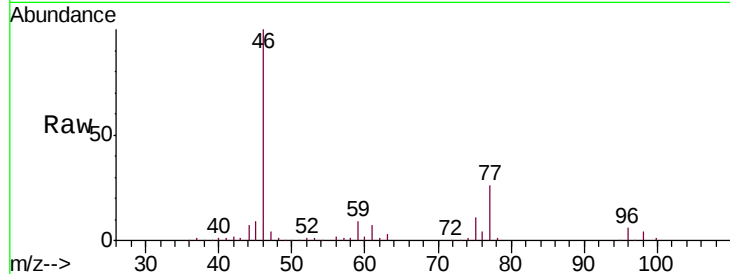




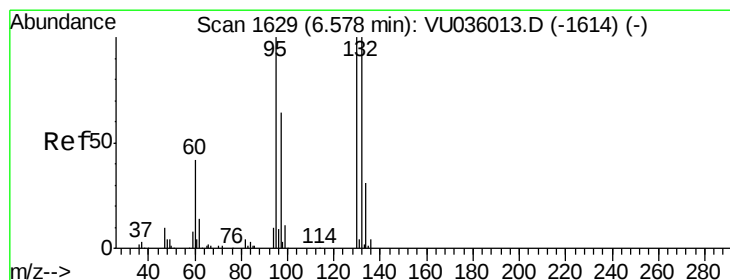
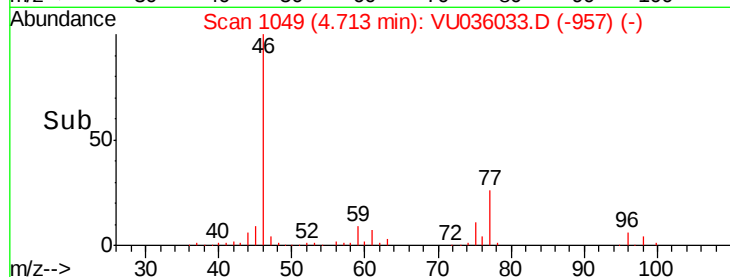
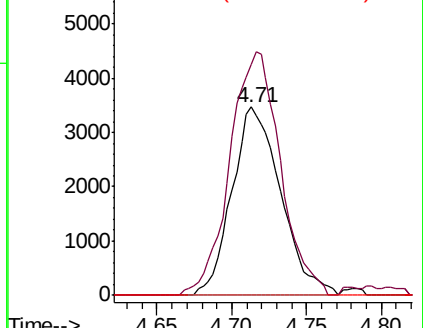
#22
 cis-1,2-Dichloroethene
 Concen: 0.352 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU036033.D
 Acq: 06 Dec 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE25DL

Tgt Ion: 96 Resp: 7899
 Ion Ratio Lower Upper
 96 100
 61 122.7 95.7 177.7
 68 0.0 0.0 0.0

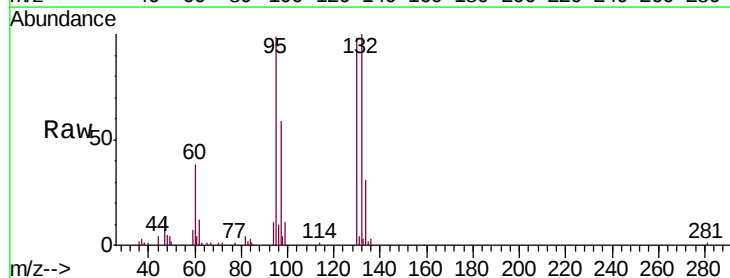


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

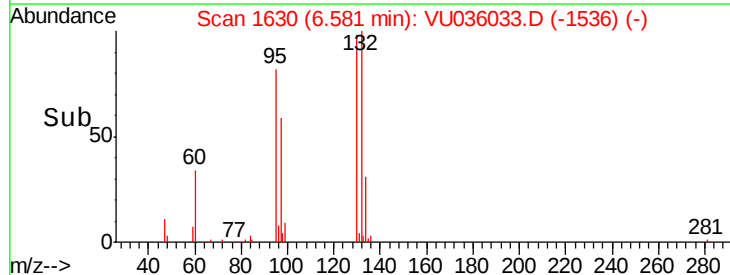
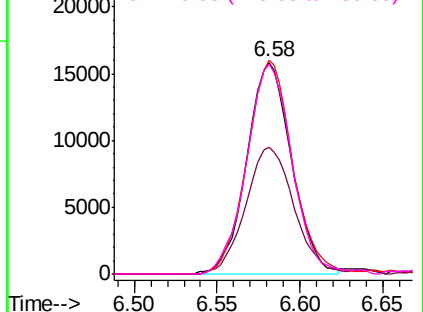


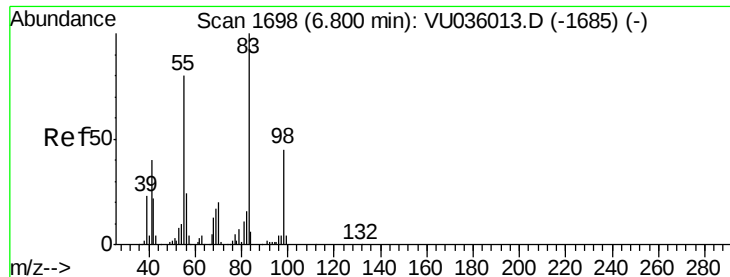
#34
 Trichloroethene
 Concen: 1.295 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036033.D
 Acq: 06 Dec 2019 19:25

Tgt Ion: 95 Resp: 29834
 Ion Ratio Lower Upper
 95 100
 97 59.8 46.3 85.9
 132 100.9 65.7 122.1
 130 99.2 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

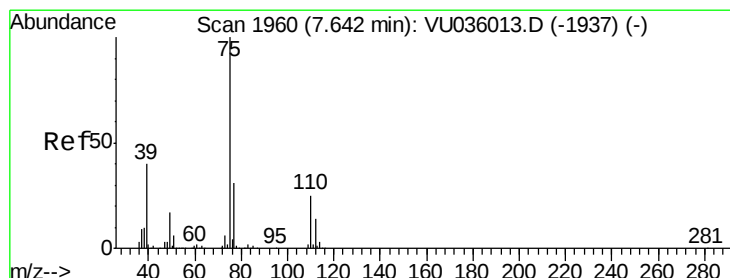
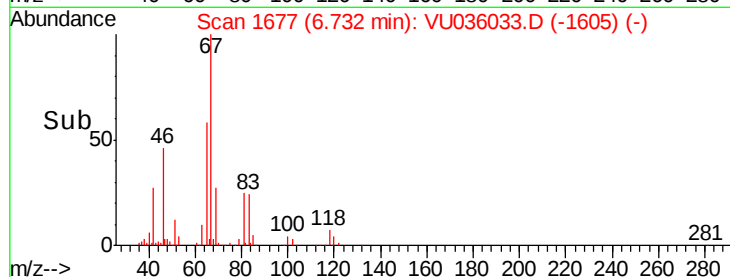
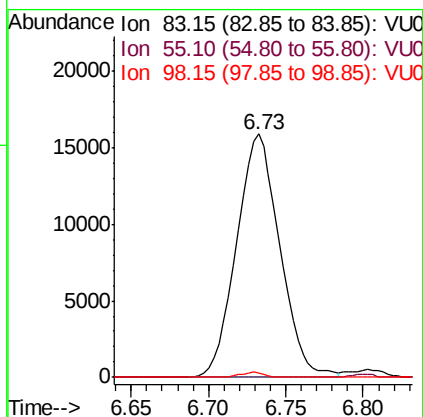
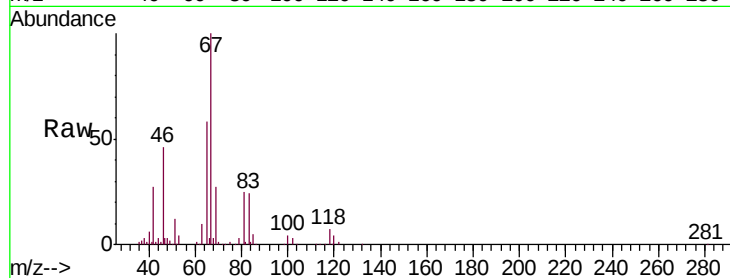




#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036033.D
Acq: 06 Dec 2019 19:25

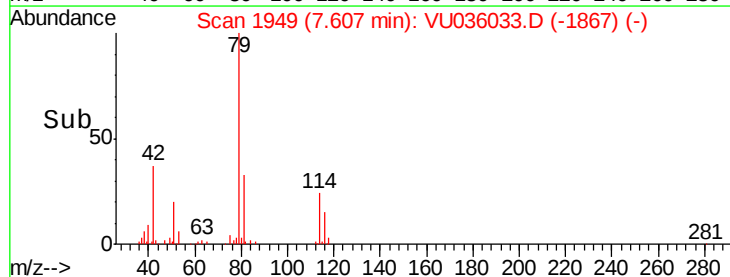
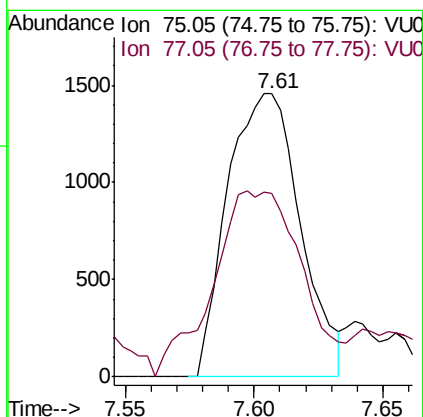
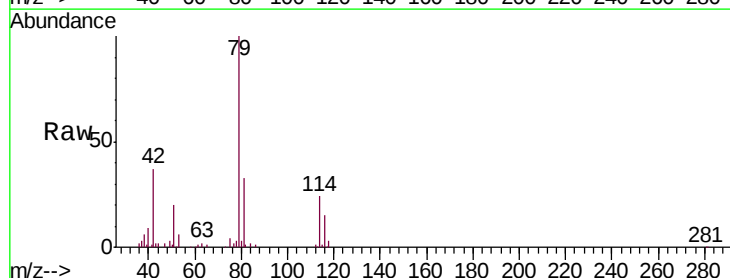
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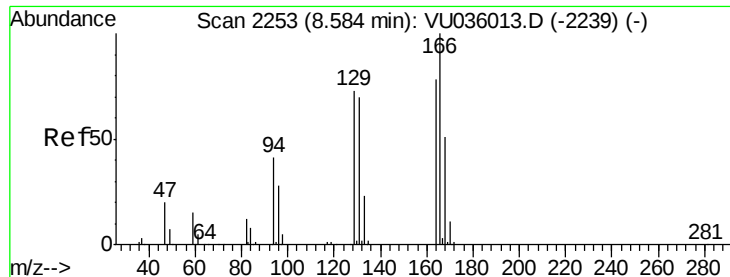
Tgt Ion: 83 Resp: 30896
Ion Ratio Lower Upper
83 100
55 0.6 67.4 101.0#
98 1.2 34.6 52.0#



#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU036033.D
Acq: 06 Dec 2019 19:25

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
77 64.6 21.9 40.7#

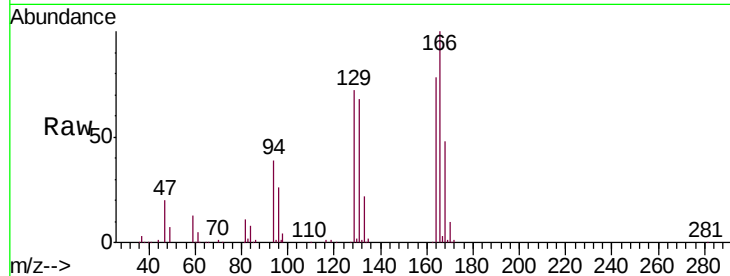




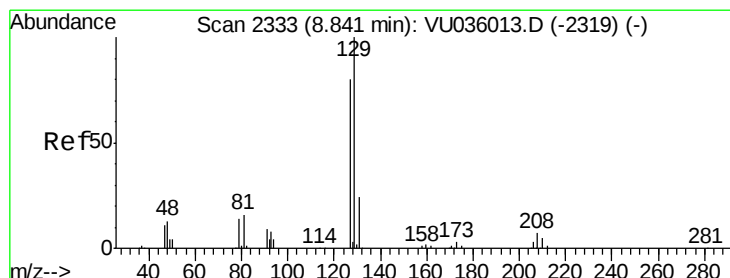
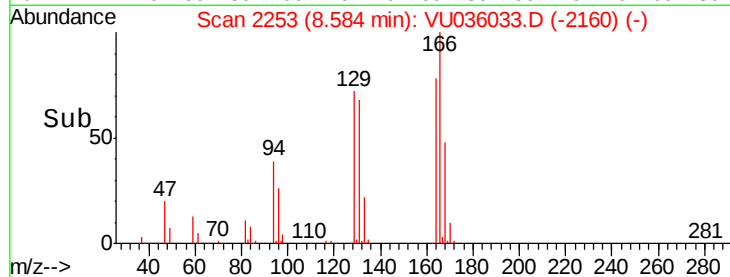
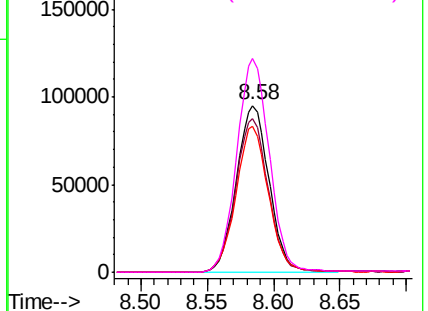
#47
Tetrachloroethene
Concen: 8.734 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036033.D
Acq: 06 Dec 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
BFE25DL

Tgt Ion:	164	Resp:	163567
Ion	Ratio	Lower	Upper
164	100		
129	92.2	67.9	126.1
131	87.5	64.1	119.1
166	128.2	92.6	172.0

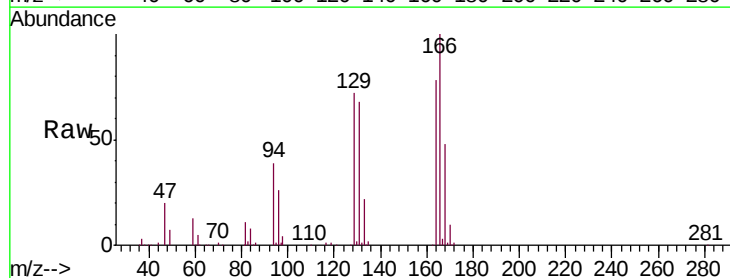


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

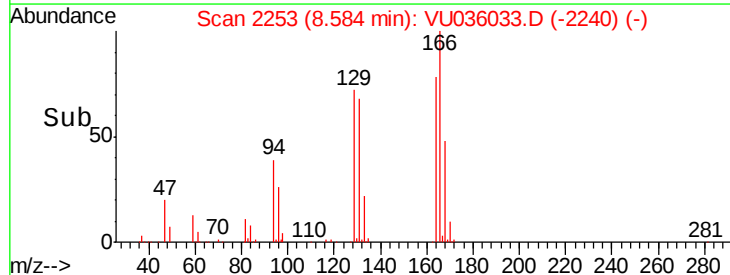
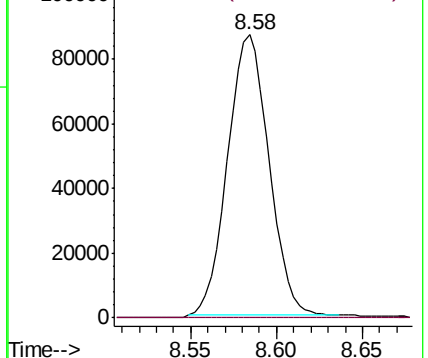


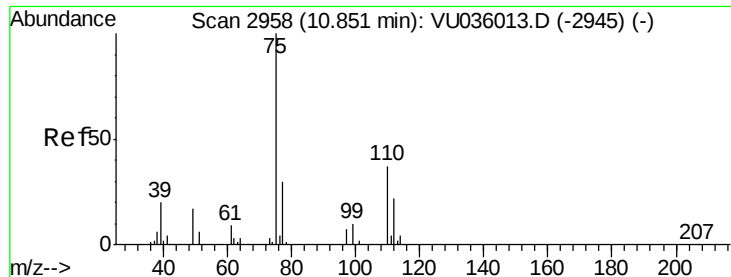
#49
Dibromochloromethane
Concen: 7.080 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036033.D
Acq: 06 Dec 2019 19:25

Tgt Ion:	129	Resp:	145005
Ion	Ratio	Lower	Upper
129	100		
127	0.1	52.8	98.0#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

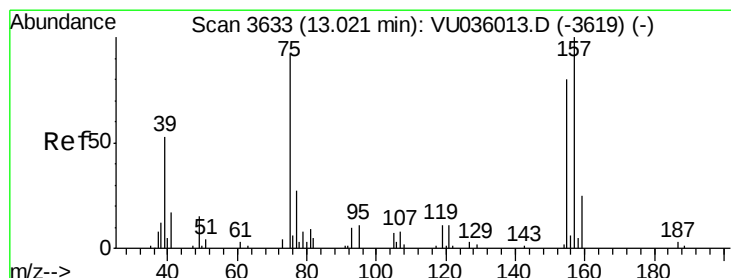
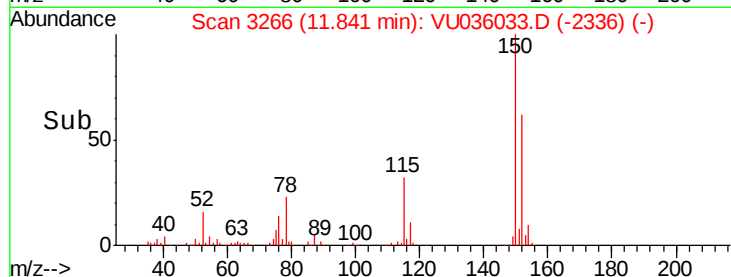
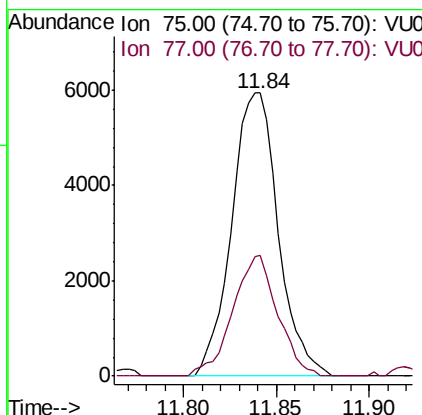
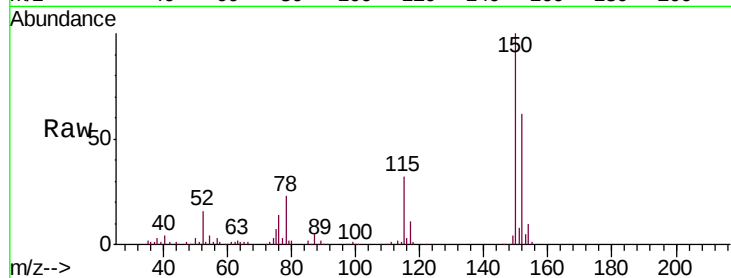




#59
 1,2,3-Trichloropropane
 Concen: 0.647 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU036033.D
 Acq: 06 Dec 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE25DL

Tgt Ion: 75 Resp: 10372
 Ion Ratio Lower Upper
 75 100
 77 41.1 26.6 39.8#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.119 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.03 min
 Lab File: VU036033.D
 Acq: 06 Dec 2019 19:25

Tgt Ion: 75 Resp: 287
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.1 82.7#
 157 0.0 74.0 111.0#

