

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\NOT REVIEWED DATA\
 Data File : VU035180.D
 Acq On : 15 Oct 2019 09:54
 Operator : JC/SP
 Sample : VU1015WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:12:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	147846	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	151592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37309	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.67	69	36881	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.26	63	55595	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.18	46	159074	61.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.62%
24) Chloroform-d	4.62	84	80632	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.29	65	48838	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	147707	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.31	67	54950	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.55	98	122968	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	7.84	79	18197	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.30	63	107797	53.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52135	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	45422	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

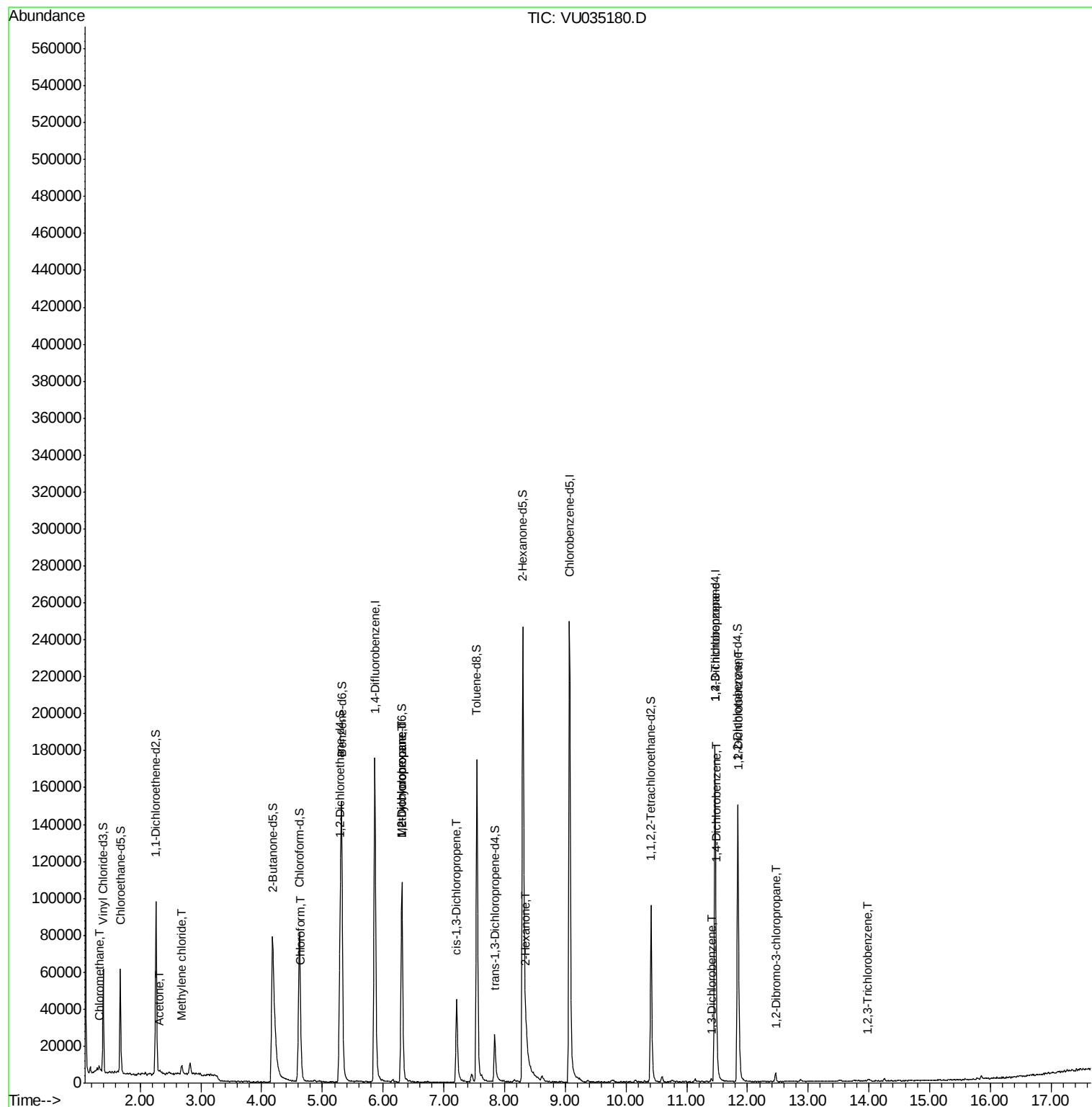
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	1517	0.102	ug/L	85
13) Acetone	2.33	43	2387	1.132	ug/L	70
16) Methylene chloride	2.69	84	2202	0.187	ug/L	90
25) Chloroform	4.65	83	3832	0.169	ug/L	91
35) Methylcyclohexane	6.31	83	12539	0.657	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	5841	0.474	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1207	0.072	ug/L	93
48) 2-Hexanone	8.36	43	6824	1.284	ug/L #	72
59) 1,2,3-Trichloropropane	11.47	75	8105	1.017	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	1053	0.061	ug/L	93
63) 1,4-Dichlorobenzene	11.49	146	1436	0.082	ug/L	90
65) 1,2-Dichlorobenzene	11.85	146	1432	0.086	ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.47	75	152	0.143	ug/L #	2
70) 1,2,3-Trichlorobenzene	13.99	180	1216	0.143	ug/L #	84

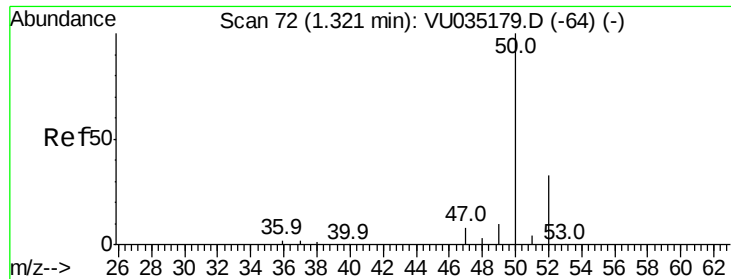
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 15 15:12:36 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.102 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035180.D

Acq: 15 Oct 2019 09:54

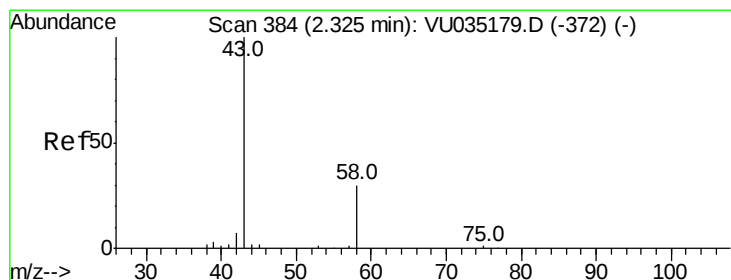
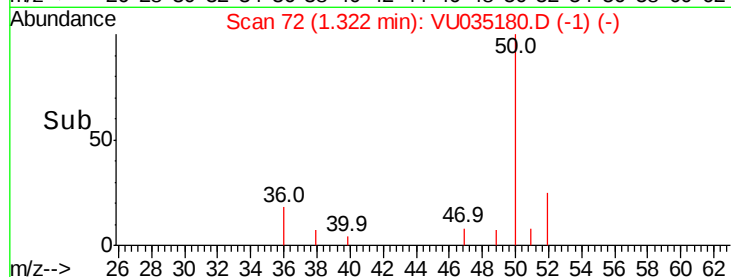
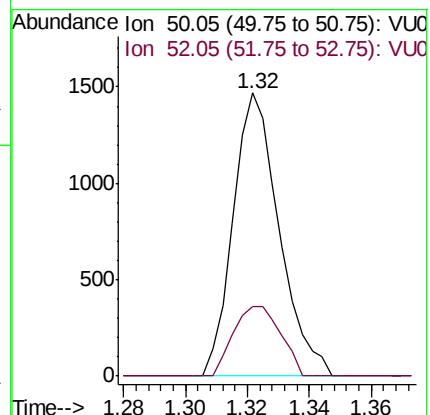
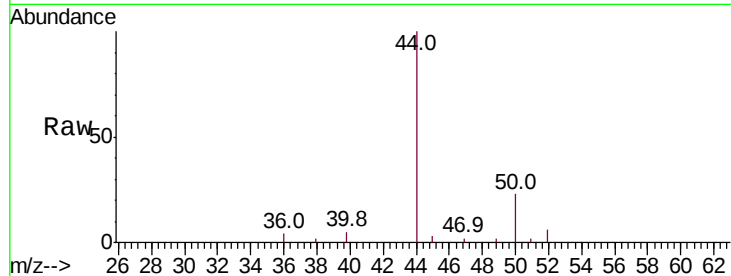
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 1517

Ion Ratio Lower Upper

50 100

52 24.7 23.3 43.3



#13

Acetone

Concen: 1.132 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VU035180.D

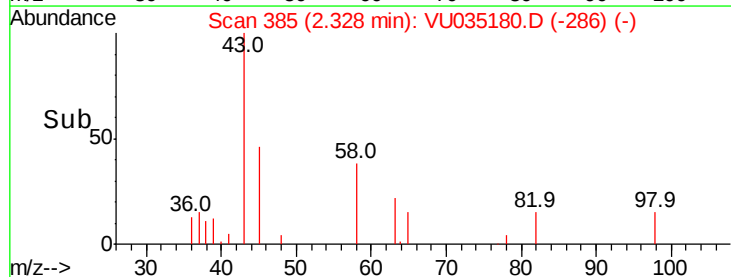
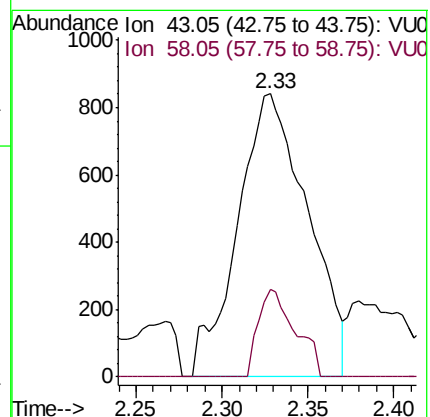
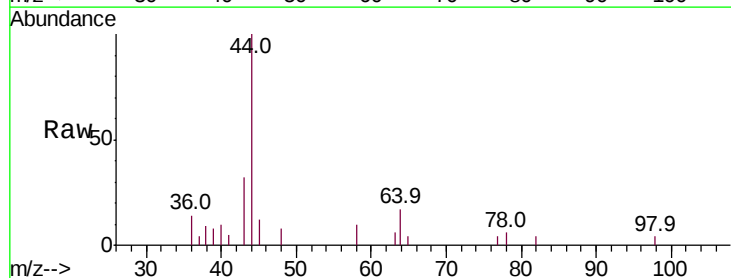
Acq: 15 Oct 2019 09:54

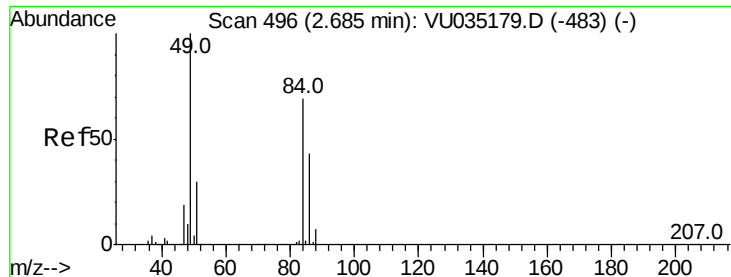
Tgt Ion: 43 Resp: 2387

Ion Ratio Lower Upper

43 100

58 16.2 0.0 66.6

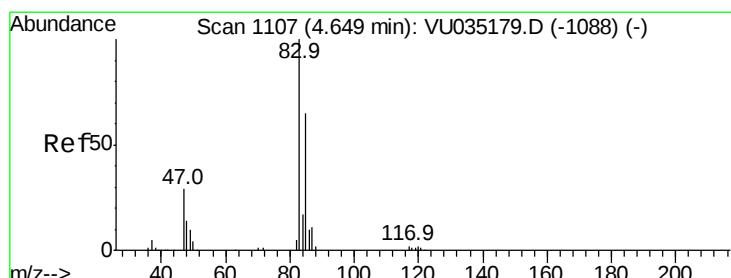
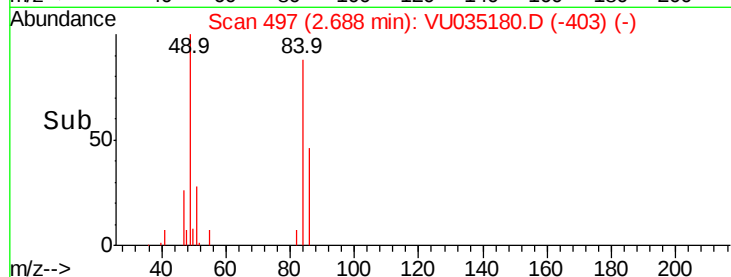
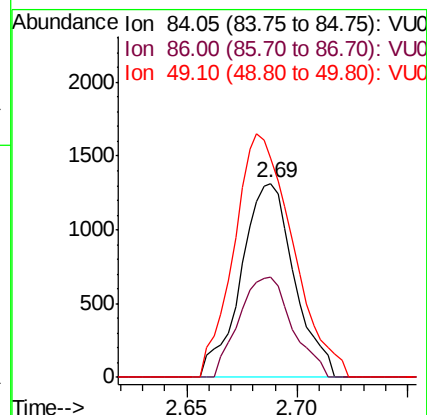
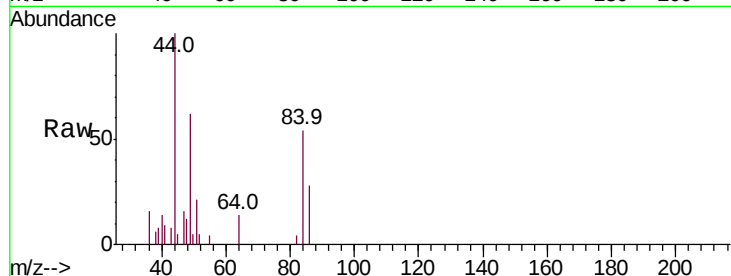




#16
Methvlene chloride
Concen: 0.187 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035180.D
Acq: 15 Oct 2019 09:54

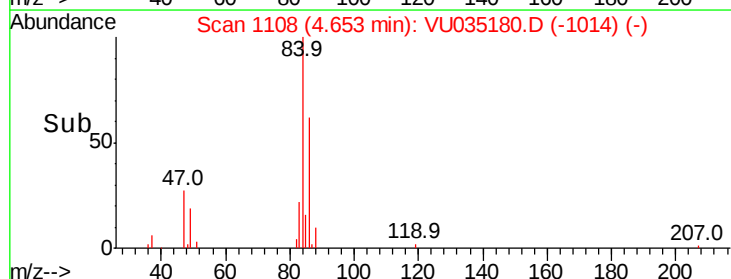
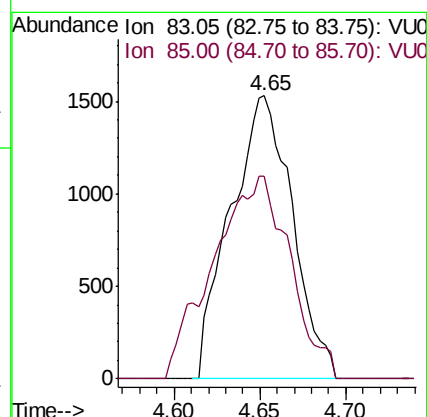
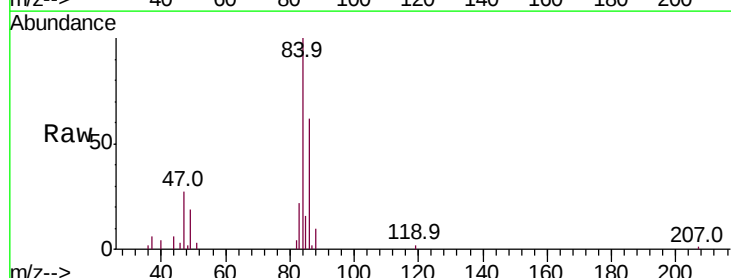
Instrument :
MSVOA_U
ClientSampleId :

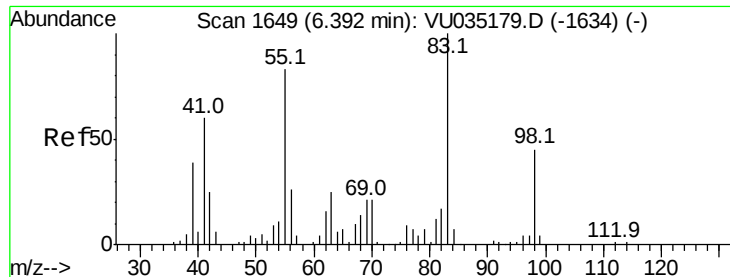
Tot Ion: 84 Resp: 2202
Ion Ratio Lower Upper
84 100
86 51.6 42.5 78.9
49 113.2 86.9 161.3



#25
Chloroform
Concen: 0.169 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035180.D
Acq: 15 Oct 2019 09:54

Tgt Ion: 83 Resp: 3832
Ion Ratio Lower Upper
83 100
85 71.8 45.4 84.4

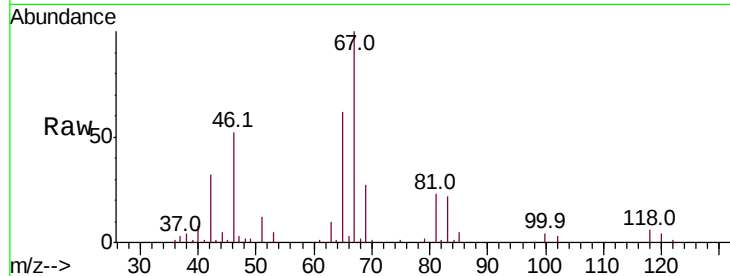




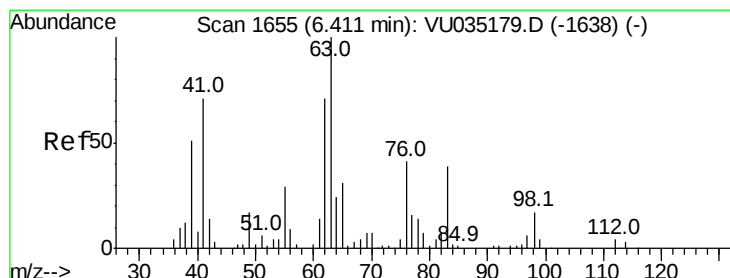
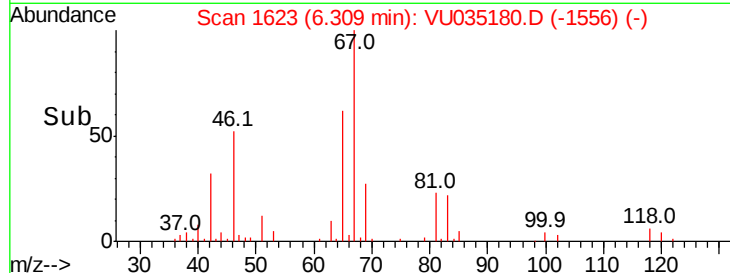
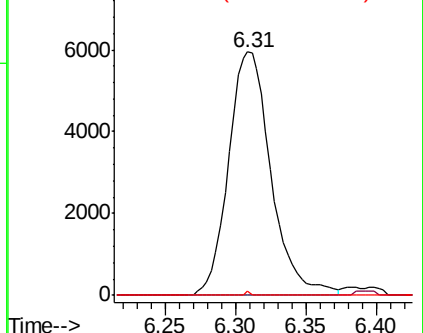
#35
Methvlcvclohexane
Concen: 0.657 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035180.D
Acq: 15 Oct 2019 09:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12539
Ion Ratio Lower Upper
83 100
55 0.8 62.6 94.0#
98 0.2 36.2 54.2#

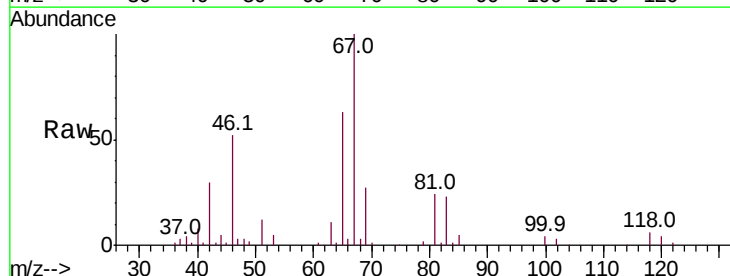


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

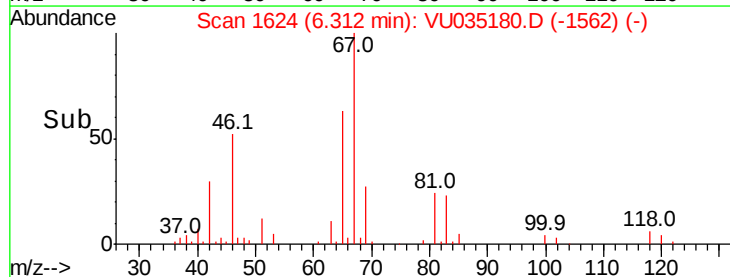
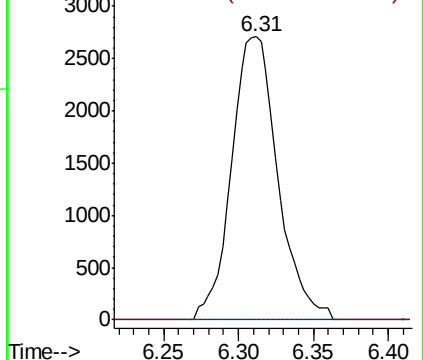


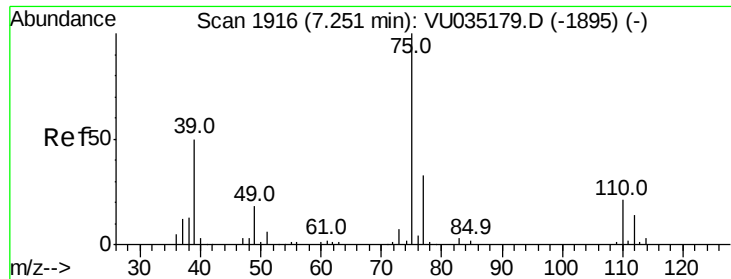
#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035180.D
Acq: 15 Oct 2019 09:54

Tgt Ion: 63 Resp: 5841
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

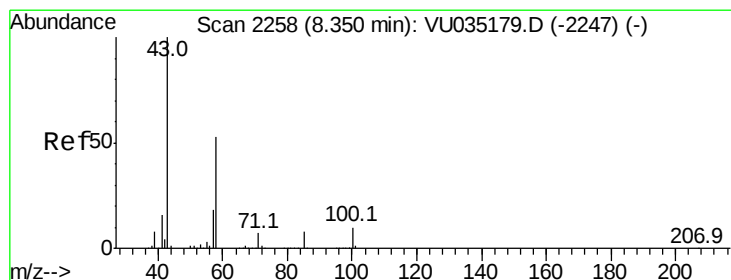
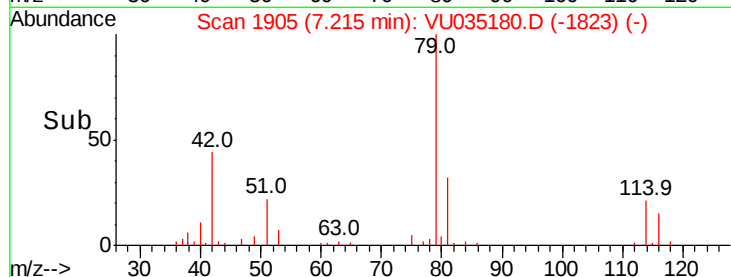
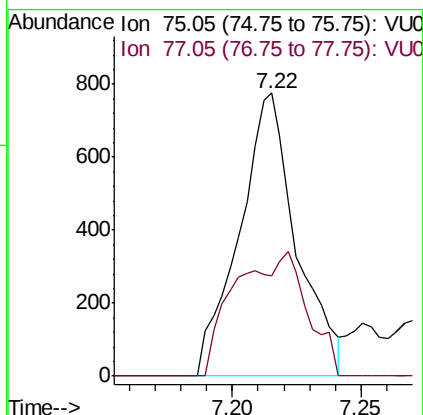
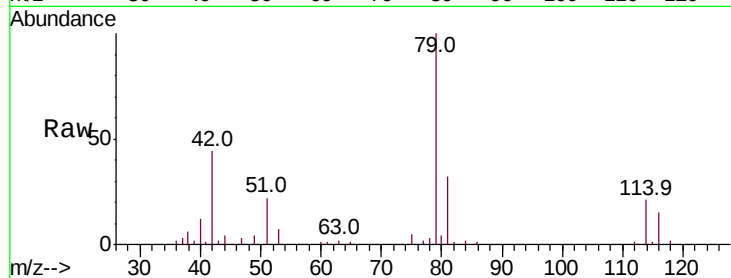




#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.22 min Scan# 1905
 Delta R.T. -0.04 min
 Lab File: VU035180.D
 Acq: 15 Oct 2019 09:54

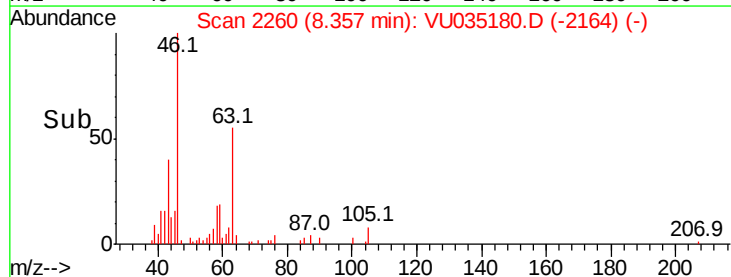
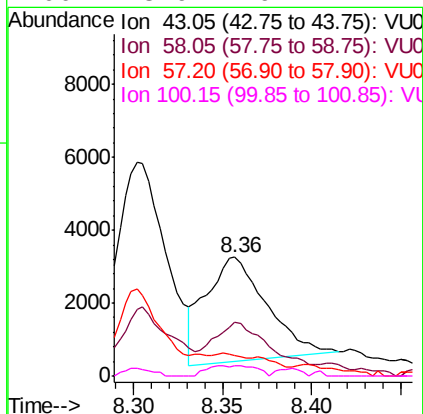
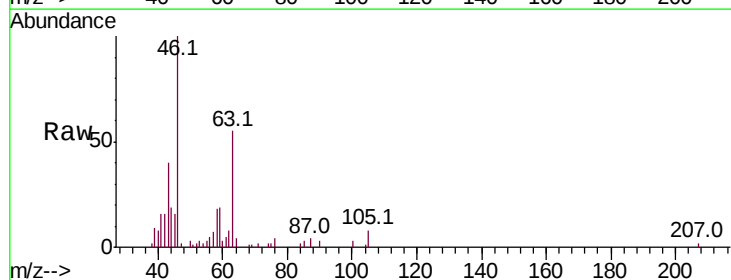
Instrument :
 MSVOA_U
 ClientSampleId :

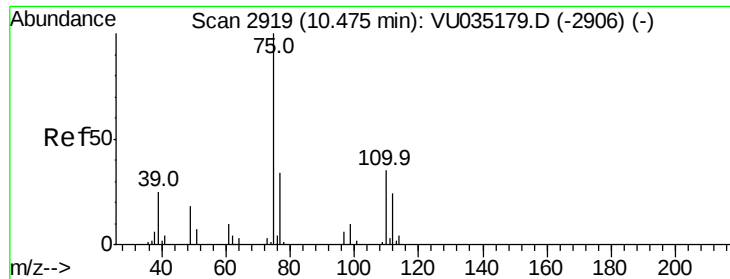
Tot Ion: 75 Resp: 1207
 Ion Ratio Lower Upper
 75 100
 77 35.4 22.1 41.1



#48
 2-Hexanone
 Concen: 1.284 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU035180.D
 Acq: 15 Oct 2019 09:54

Tgt Ion: 43 Resp: 6824
 Ion Ratio Lower Upper
 43 100
 58 37.8 44.1 66.1#
 57 0.0 15.8 23.8#
 100 3.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.017 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035180.D

Acq: 15 Oct 2019 09:54

Instrument :

MSVOA_U

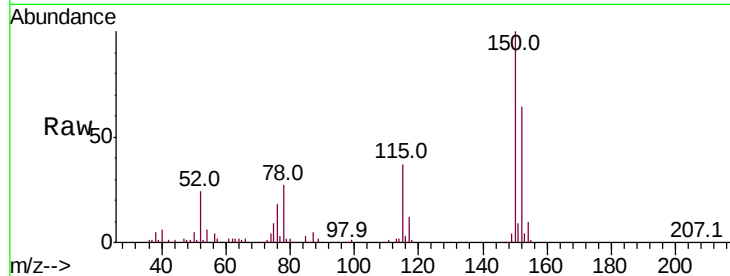
ClientSampleId :

Tot Ion: 75 Resp: 8105

Ion Ratio Lower Upper

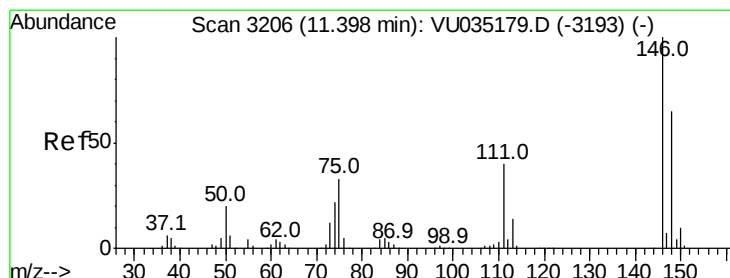
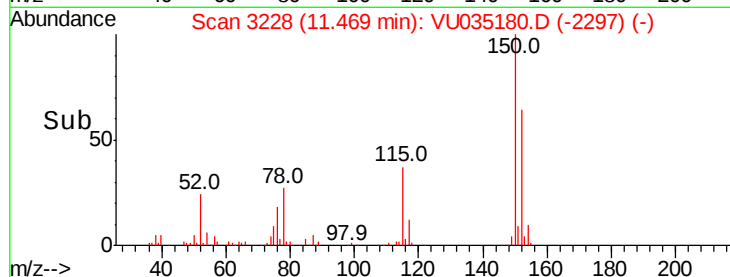
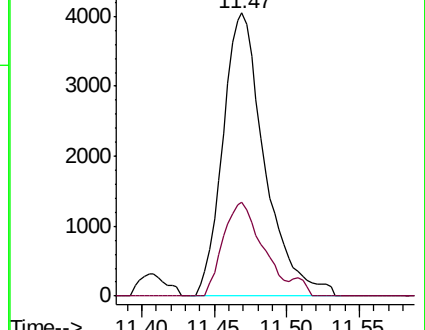
75 100

77 31.3 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU035179.D (-2906) (-)

Ion 77.00 (76.70 to 77.70): VU035179.D (-2906) (-)



#62

1,3-Dichlorobenzene

Concen: 0.061 ug/L

RT: 11.40 min Scan# 3208

Delta R.T. 0.01 min

Lab File: VU035180.D

Acq: 15 Oct 2019 09:54

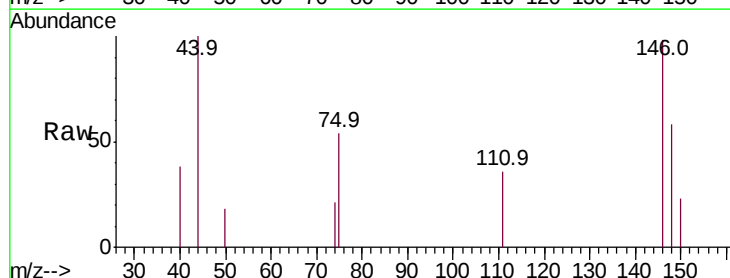
Tgt Ion: 146 Resp: 1053

Ion Ratio Lower Upper

146 100

111 36.6 28.6 53.2

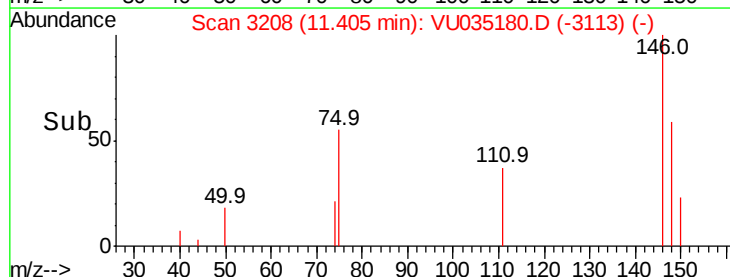
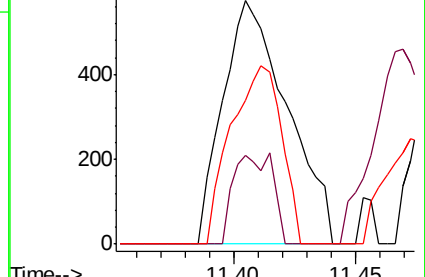
148 58.9 45.0 83.6

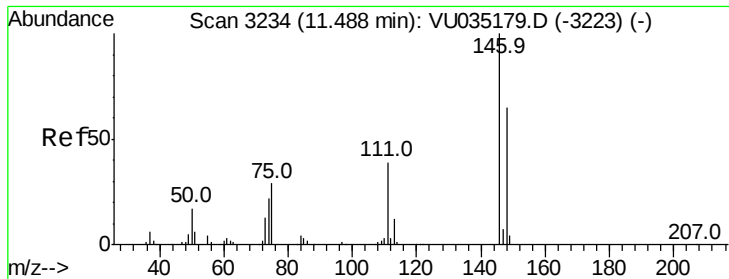


Abundance Ion 145.95 (145.65 to 146.65): VU035179.D (-3193) (-)

Ion 111.00 (110.70 to 111.70): VU035179.D (-3193) (-)

Ion 148.00 (147.70 to 148.70): VU035179.D (-3193) (-)





#63

1,4-Dichlorobenzene

Concen: 0.082 ug/L

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU035180.D

Acq: 15 Oct 2019 09:54

Instrument :

MSVOA_U

ClientSampled :

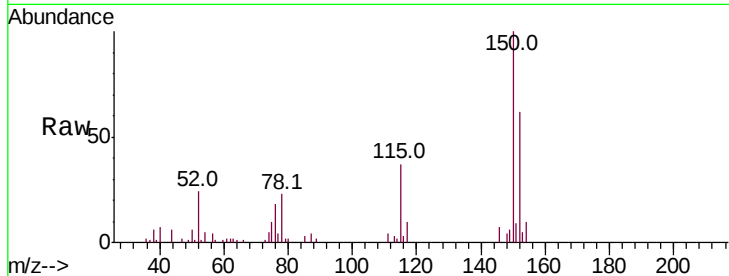
Tot Ion:146 Resp: 1436

Ion Ratio Lower Upper

146 100

111 50.6 27.9 51.7

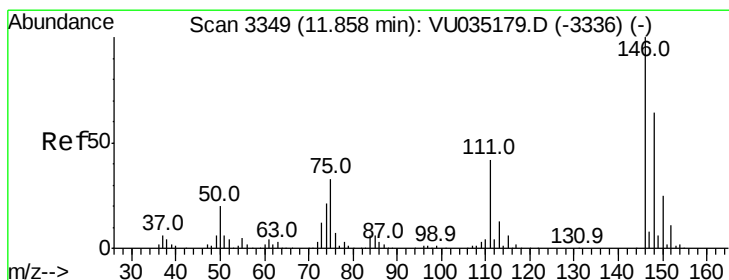
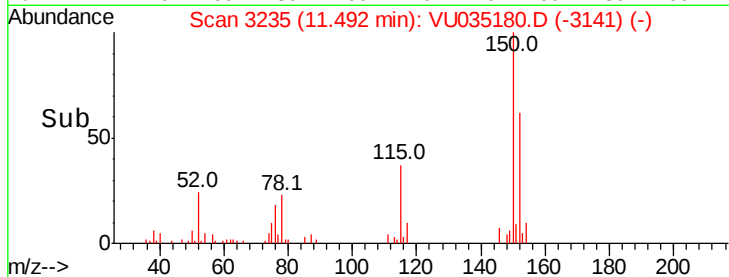
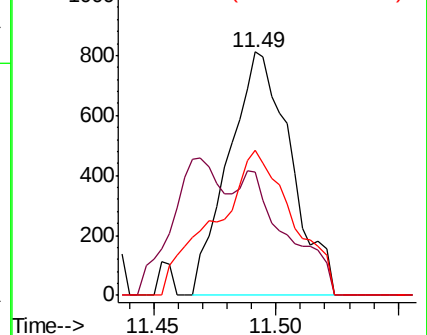
148 59.5 44.1 81.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.086 ug/L

RT: 11.85 min Scan# 3348

Delta R.T. -0.01 min

Lab File: VU035180.D

Acq: 15 Oct 2019 09:54

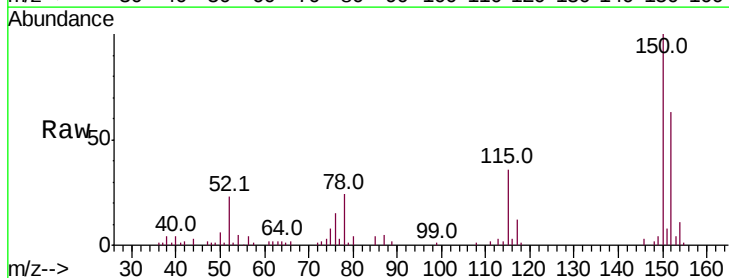
Tgt Ion:146 Resp: 1432

Ion Ratio Lower Upper

146 100

111 59.9 34.2 51.4#

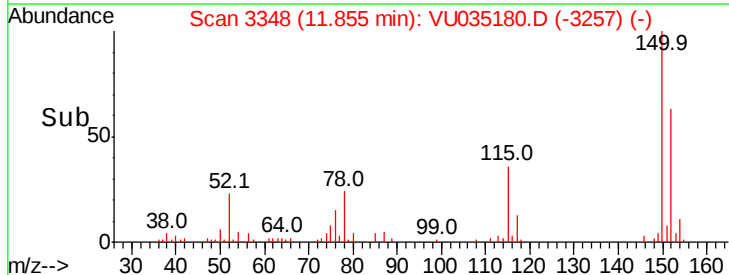
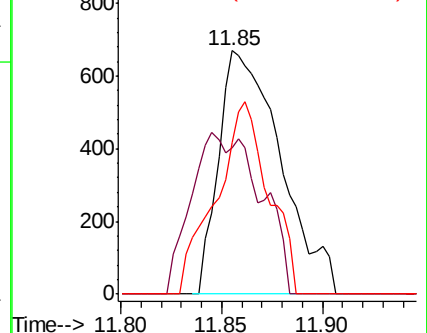
148 62.4 52.0 78.0

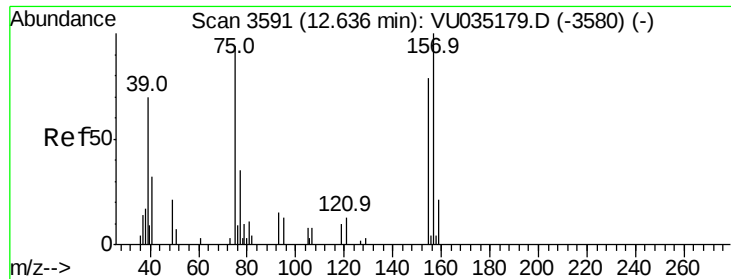


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

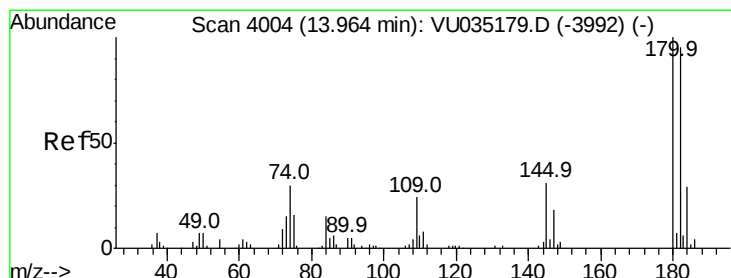
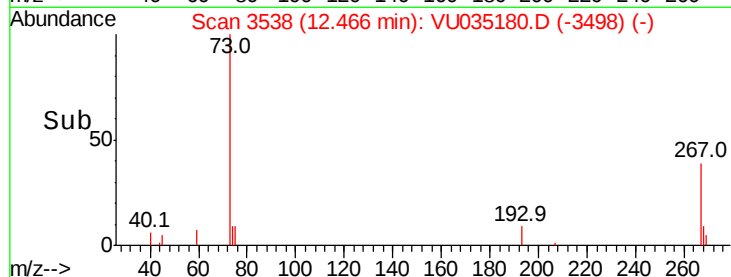
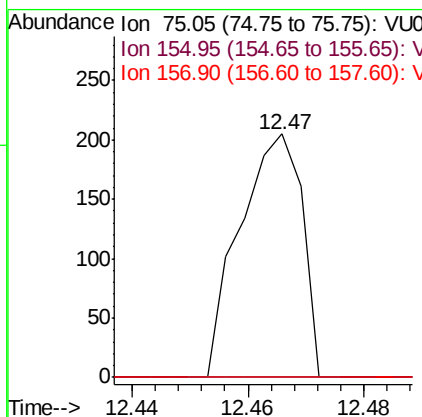
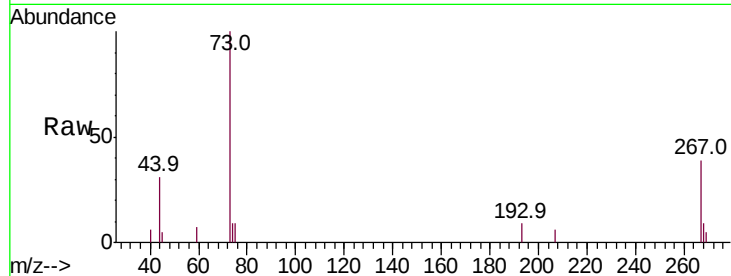




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.143 ug/L
 RT: 12.47 min Scan# 3538
 Delta R.T. -0.17 min
 Lab File: VU035180.D
 Acq: 15 Oct 2019 09:54

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 152
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.1 100.7#
 157 0.0 83.7 125.5#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.143 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.02 min
 Lab File: VU035180.D
 Acq: 15 Oct 2019 09:54

Tgt Ion: 180 Resp: 1216
 Ion Ratio Lower Upper
 180 100
 182 86.5 77.0 115.4
 145 13.8 25.9 38.9#

