

Data File : VU035642.D
Acq On : 06 Nov 2019 13:09
Operator : JC/SP
Sample : K5697-09MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA7MS

Quant Time: Nov 07 04:50:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	648208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	621507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	173185	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.16%
7) Chloroethane-d5	1.93	69	166035	39.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.42%
11) 1,1-Dichloroethene-d2	2.60	63	342041	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.02%
21) 2-Butanone-d5	4.69	46	271865	88.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.90%
24) Chloroform-d	5.11	84	363629	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.75	65	227219	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
32) Benzene-d6	5.77	84	756590	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.74	67	249345	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.93	98	684602	44.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.21	79	110491	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.68	63	181702	90.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	332582	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	179146	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%

Target Compounds

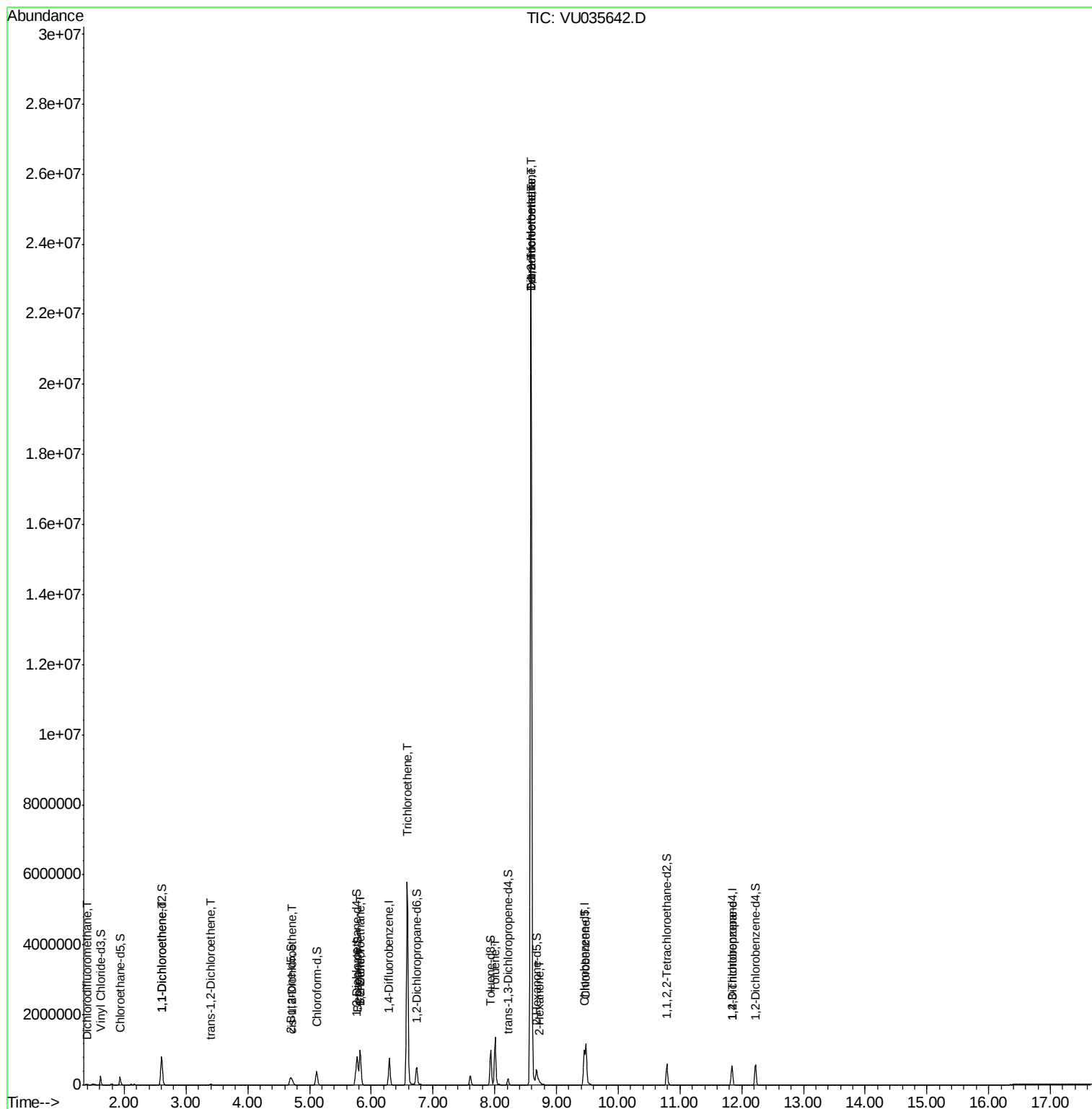
					Qvalue
2) Dichlorodifluoromethane	1.40	85	4519	0.894 ug/L	99
12) 1,1-Dichloroethene	2.61	96	210147	53.072 ug/L	94
17) trans-1,2-Dichloroethene	3.39	96	12341	2.960 ug/L	95
20) cis-1,2-Dichloroethene	4.72	96	57180	12.158 ug/L	94
27) 1,2-Dichloroethane	5.82	62	7840	1.314 ug/L #	73
33) Benzene	5.82	78	976524	55.907 ug/L	100
34) Trichloroethene	6.58	95	1968783	443.361 ug/L	99
42) Toluene	8.01	91	1051450	57.435 ug/L	100
45) 1,1,2-Trichloroethane	8.59	97	42253	9.424 ug/L #	1
46) Tetrachloroethene	8.59	164	6052751	1630.130 ug/L	99
48) 2-Hexanone	8.73	43	16389	3.221 ug/L #	87
49) Dibromochloromethane	8.59	129	5423208	1072.625 ug/L #	10
51) Chlorobenzene	9.48	112	670987	54.903 ug/L	99
59) 1,2,3-Trichloropropane	11.84	75	19379	3.177 ug/L	89

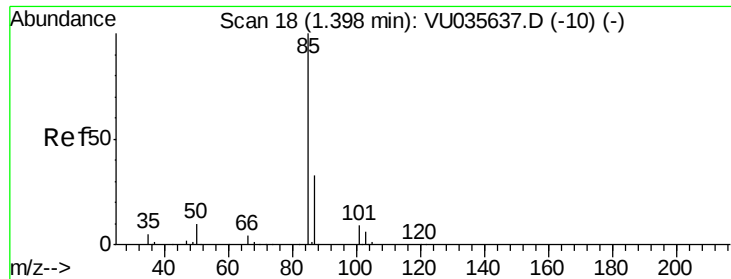
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035642.D
Acq On : 06 Nov 2019 13:09
Operator : JC/SP
Sample : K5697-09MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA7MS

Quant Time: Nov 07 04:50:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.894 ug/L

RT: 1.40 min Scan# 18

Delta R.T. -0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

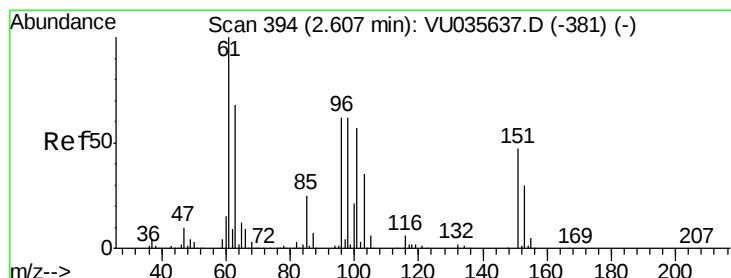
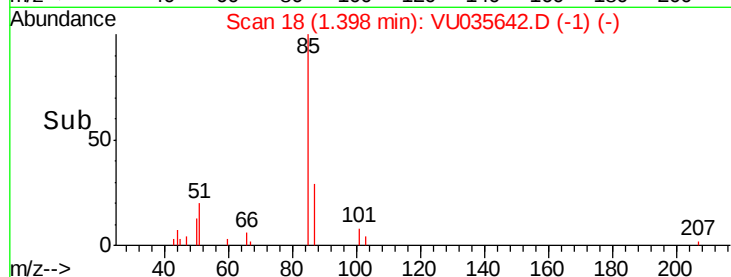
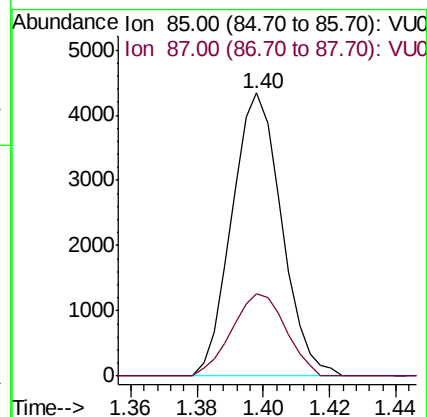
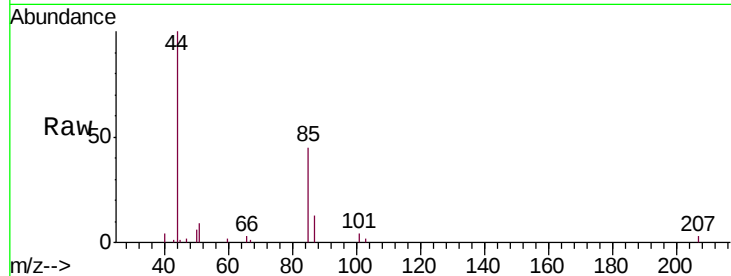
H0AA7MS

Tgt Ion: 85 Resp: 4519

Ion Ratio Lower Upper

85 100

87 31.6 25.7 38.5



#12

1,1-Dichloroethene

Concen: 53.072 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

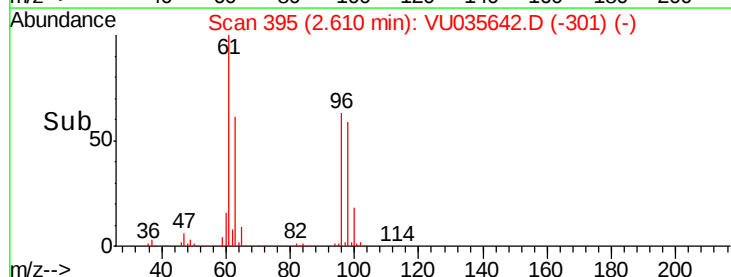
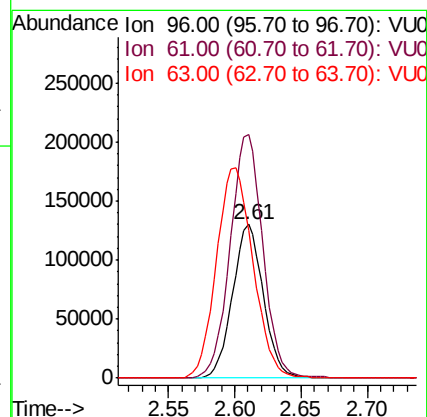
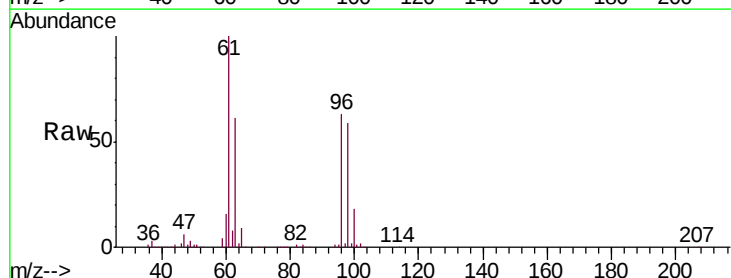
Tgt Ion: 96 Resp: 210147

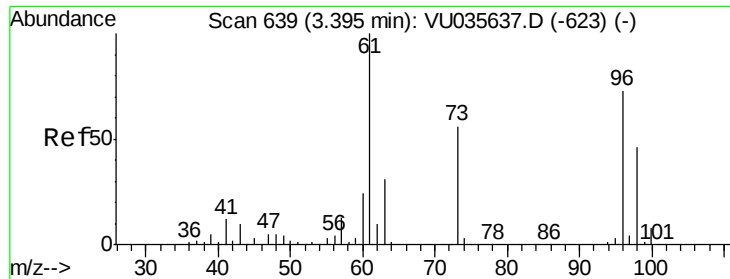
Ion Ratio Lower Upper

96 100

61 158.4 113.1 210.1

63 96.1 76.2 141.4





#17

trans-1,2-Dichloroethene

Concen: 2.960 ug/L

RT: 3.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

H0AA7MS

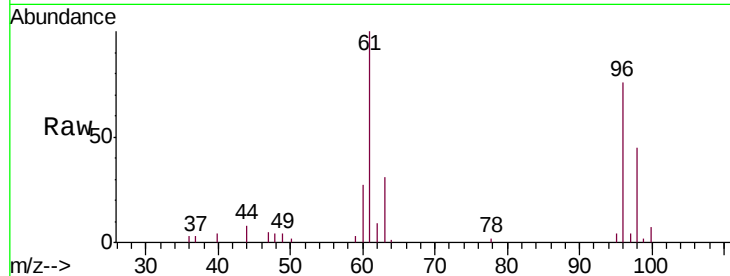
Tgt Ion: 96 Resp: 12341

Ion Ratio Lower Upper

96 100

61 130.9 95.3 176.9

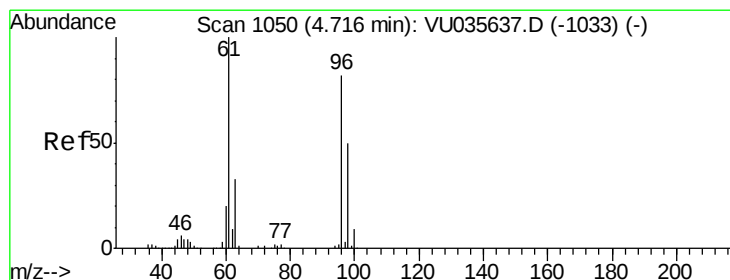
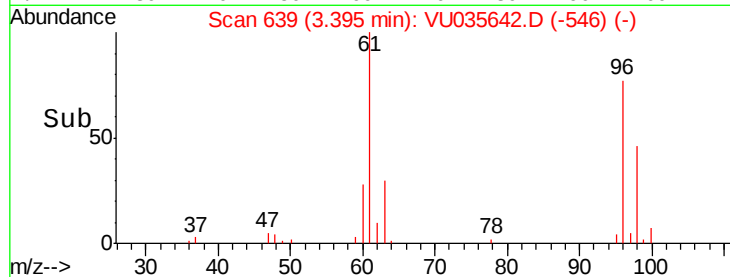
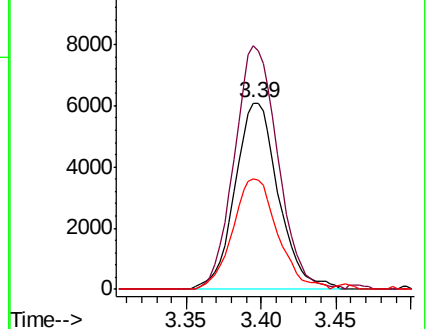
98 59.2 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU035637.D (-623) (-)

Ion 61.00 (60.70 to 61.70): VU035637.D (-623) (-)

Ion 98.00 (97.70 to 98.70): VU035637.D (-623) (-)



#20

cis-1,2-Dichloroethene

Concen: 12.158 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

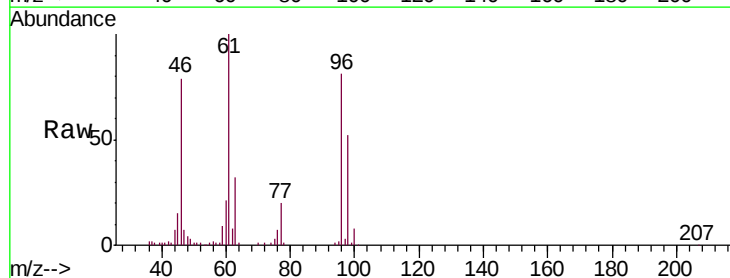
Tgt Ion: 96 Resp: 57180

Ion Ratio Lower Upper

96 100

61 122.9 90.6 168.3

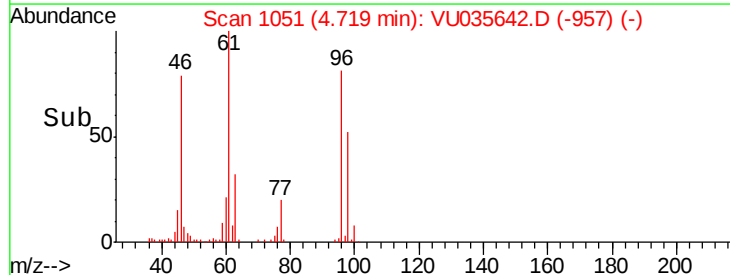
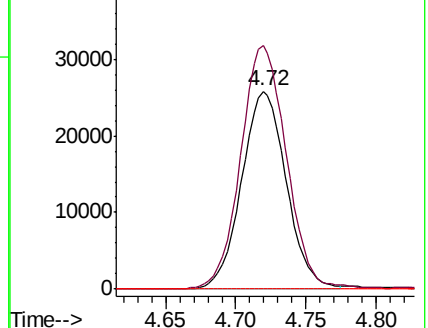
68 0.0 0.0 0.0

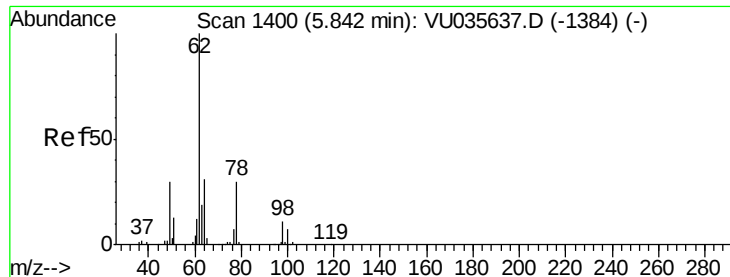


Abundance Ion 96.00 (95.70 to 96.70): VU035637.D (-1033) (-)

Ion 61.00 (60.70 to 61.70): VU035637.D (-1033) (-)

Ion 68.00 (67.70 to 68.70): VU035637.D (-1033) (-)





#27

1,2-Dichloroethane

Concen: 1.314 ug/L

RT: 5.82 min Scan# 1393

Delta R.T. -0.02 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

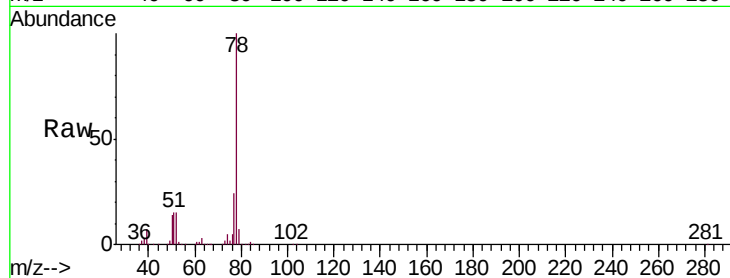
H0AA7MS

Tgt Ion: 62 Resp: 7840

Ion Ratio Lower Upper

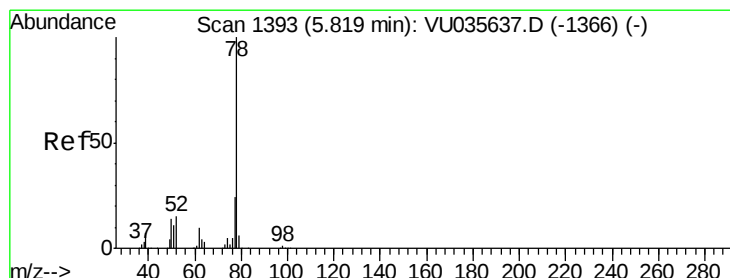
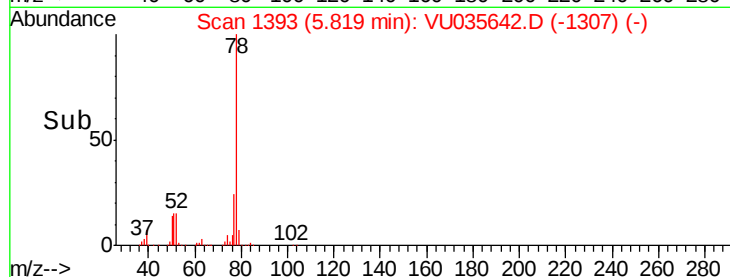
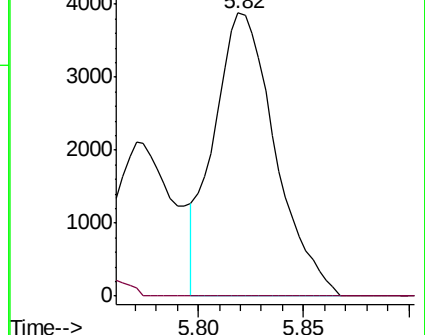
62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU035637.D (-1384) (-)

Ion 98.00 (97.70 to 98.70): VU035637.D (-1384) (-)



#33

Benzene

Concen: 55.907 ug/L

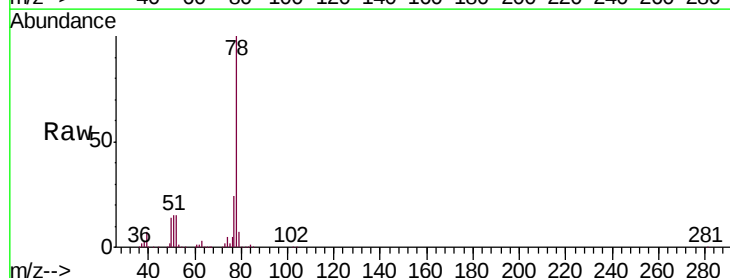
RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

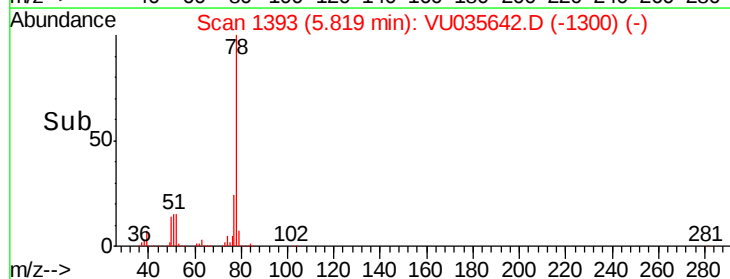
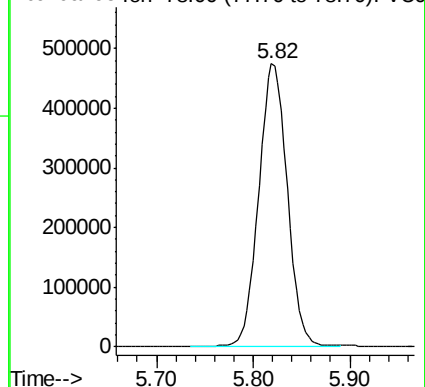
Lab File: VU035642.D

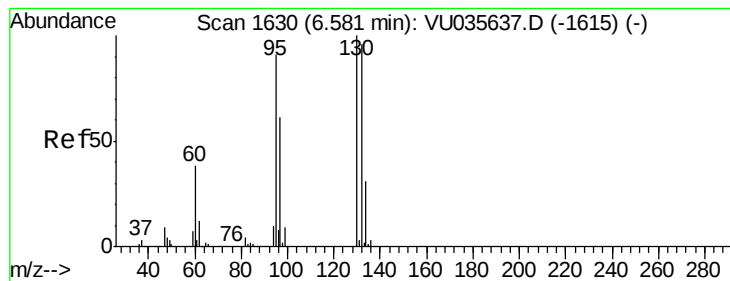
Acq: 06 Nov 2019 13:09

Tgt Ion: 78 Resp: 976524



Abundance Ion 78.00 (77.70 to 78.70): VU035637.D (-1366) (-)





#34

Trichloroethene

Concen: 443.361 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

H0AA7MS

Tgt Ion: 95 Resp: 1968783

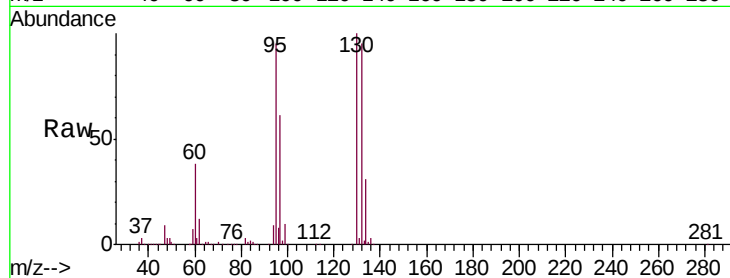
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.6

132 100.8 69.9 129.7

130 105.8 73.1 135.7

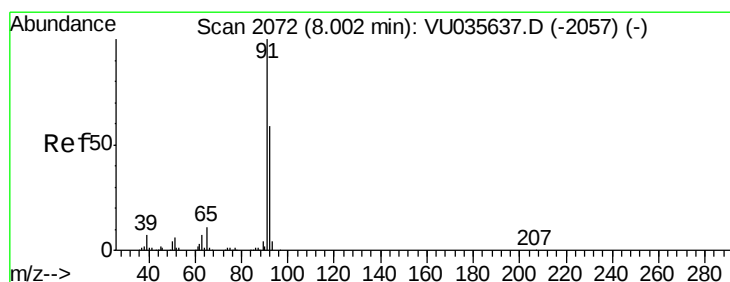
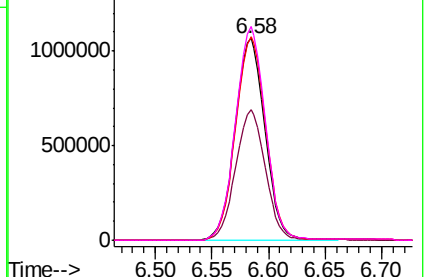
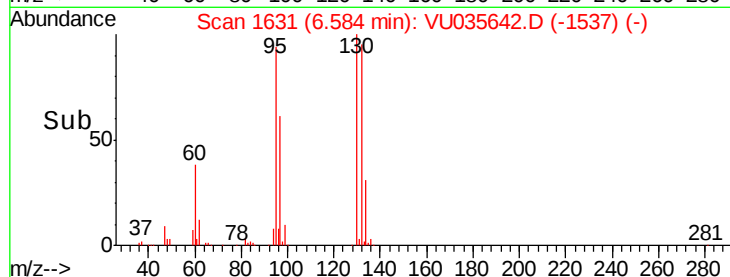


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 57.435 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035642.D

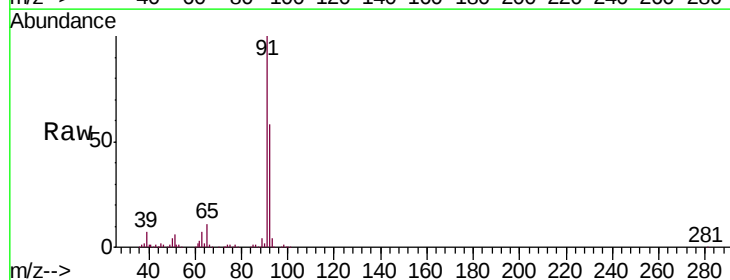
Acq: 06 Nov 2019 13:09

Tgt Ion: 91 Resp: 1051450

Ion Ratio Lower Upper

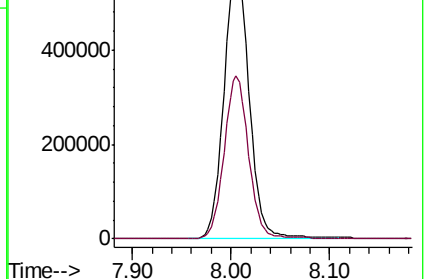
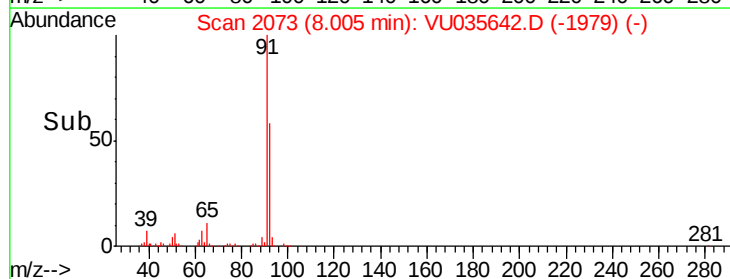
91 100

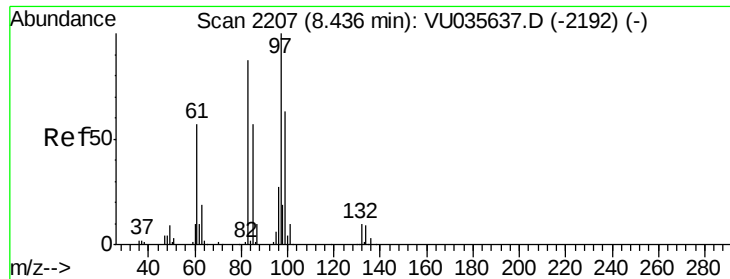
92 57.8 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

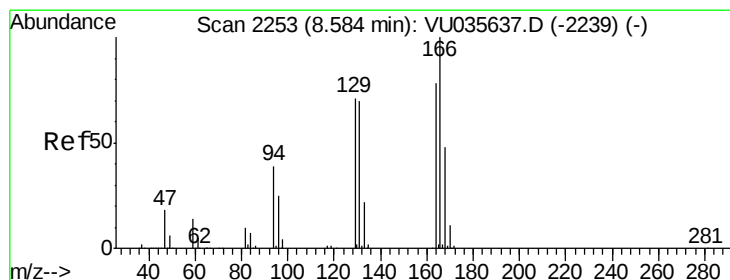
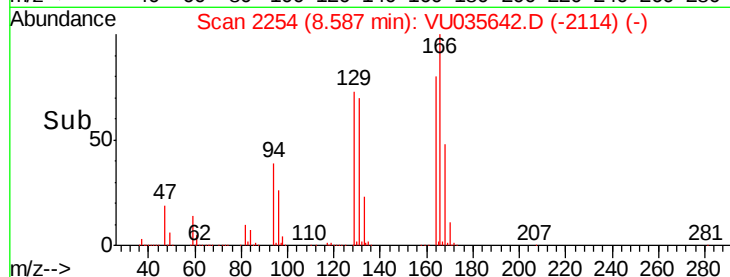
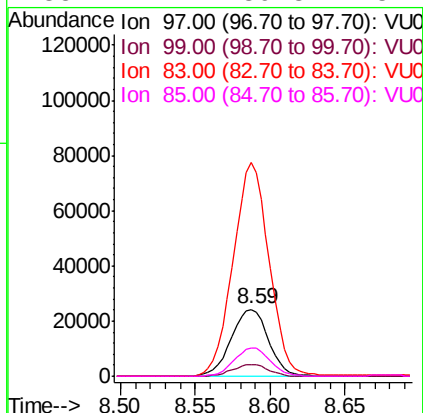
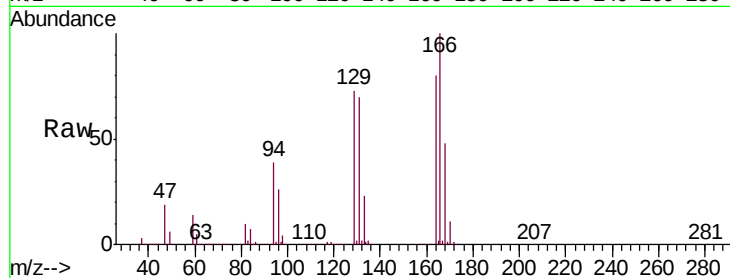




#45
 1,1,2-Trichloroethane
 Concen: 9.424 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.15 min
 Lab File: VU035642.D
 Acq: 06 Nov 2019 13:09

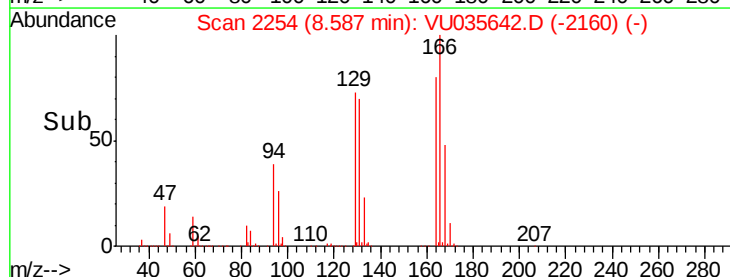
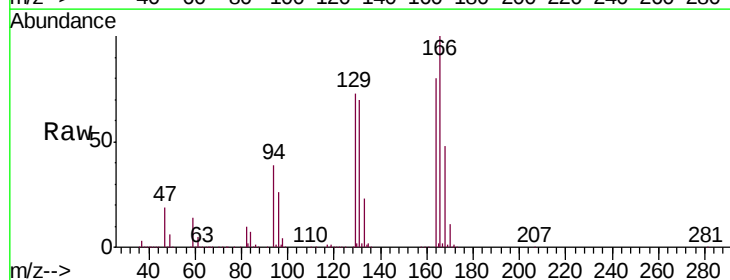
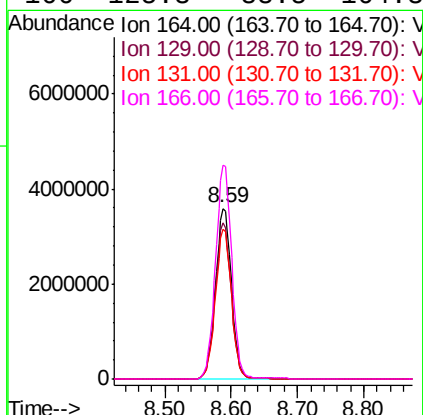
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA7MS

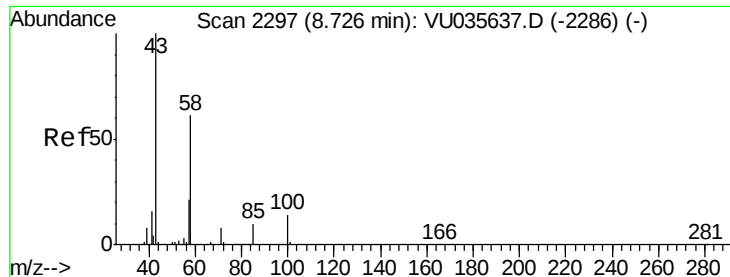
Tgt Ion: 97 Resp: 42253
 Ion Ratio Lower Upper
 97 100
 99 17.3 44.2 82.2#
 83 320.1 61.5 114.3#
 85 42.7 39.3 73.1



#46
 Tetrachloroethene
 Concen: 1630.130 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU035642.D
 Acq: 06 Nov 2019 13:09

Tgt Ion: 164 Resp: 6052751
 Ion Ratio Lower Upper
 164 100
 129 91.7 64.1 119.1
 131 88.2 63.1 117.1
 166 125.3 88.5 164.3

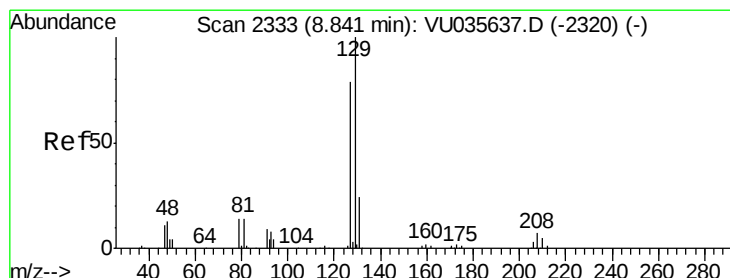
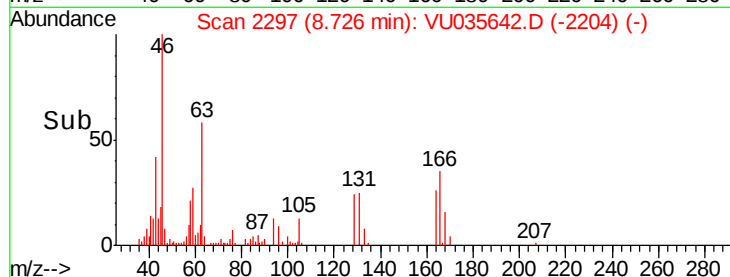
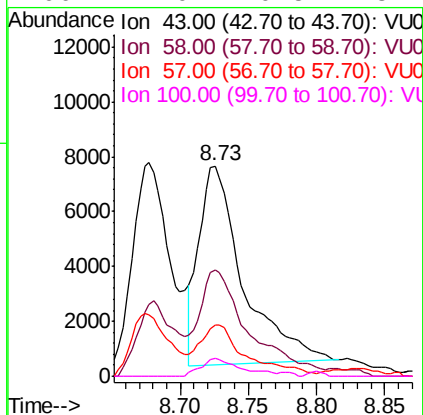
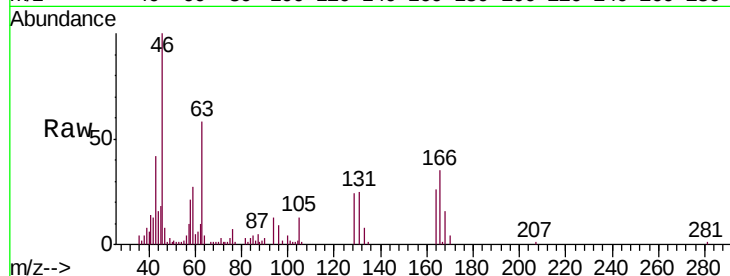




#48
2-Hexanone
Concen: 3.221 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU035642.D
Acq: 06 Nov 2019 13:09

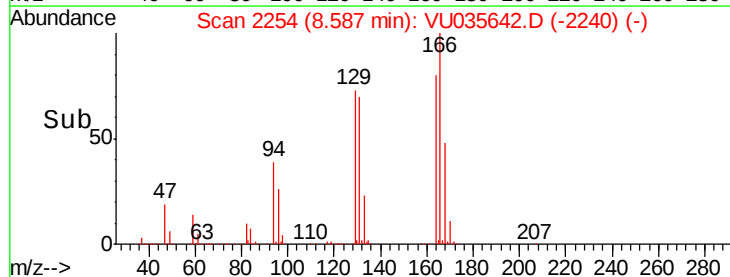
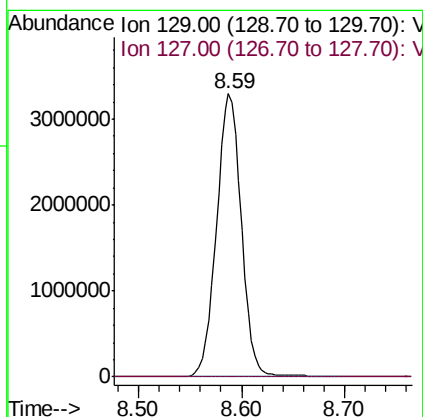
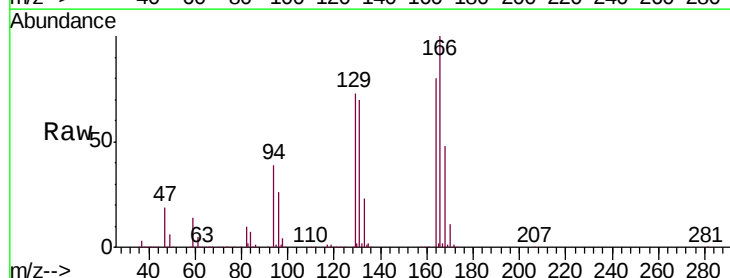
Instrument :
MSVOA_U
ClientSampleId :
H0AA7MS

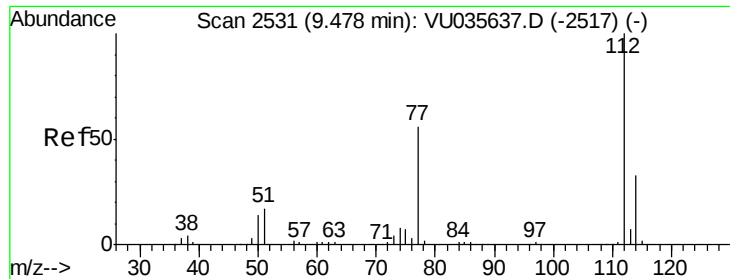
Tgt Ion: 43 Resp: 16389
Ion Ratio Lower Upper
43 100
58 53.0 50.4 75.6
57 16.0 17.4 26.0#
100 7.0 10.5 15.7#



#49
Dibromochloromethane
Concen: 1072.625 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. -0.25 min
Lab File: VU035642.D
Acq: 06 Nov 2019 13:09

Tgt Ion: 129 Resp: 5423208
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#51

Chlorobenzene

Concen: 54.903 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. -0.00 min

Lab File: VU035642.D

Acq: 06 Nov 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

H0AA7MS

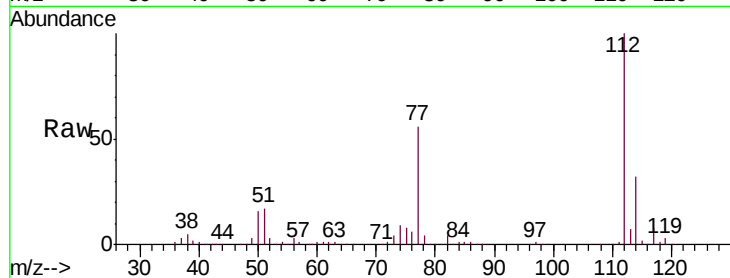
Tgt Ion: 112 Resp: 670987

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

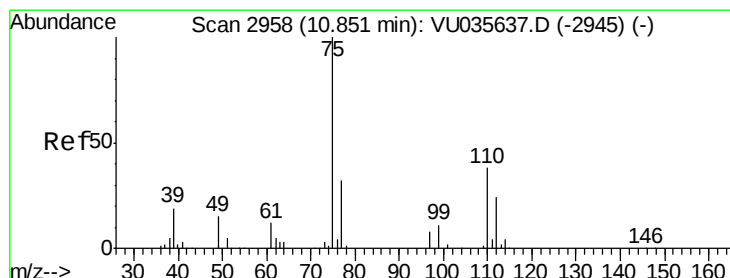
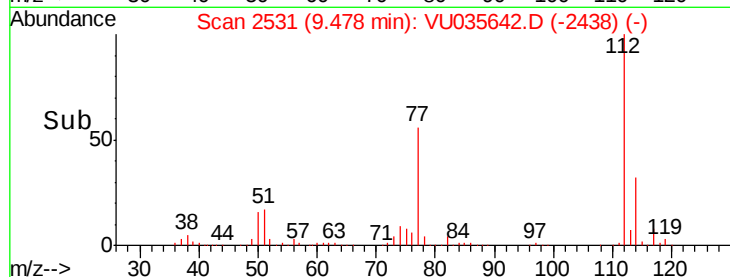
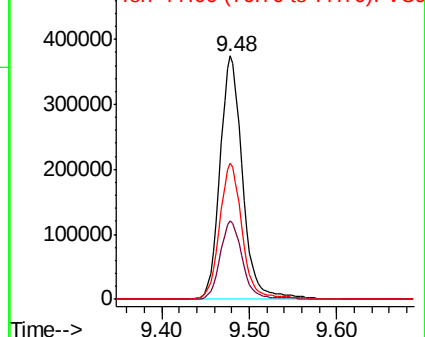
77 55.9 45.9 68.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 3.177 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035642.D

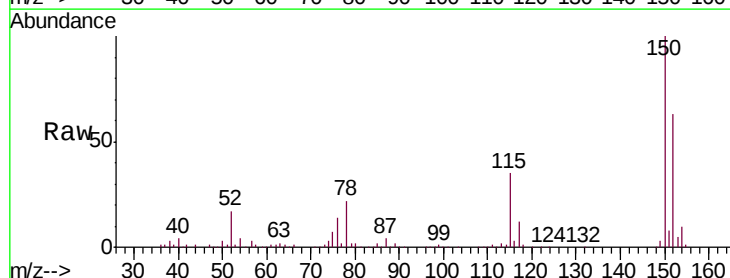
Acq: 06 Nov 2019 13:09

Tgt Ion: 75 Resp: 19379

Ion Ratio Lower Upper

75 100

77 38.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

