

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035779.D
 Acq On : 19 Nov 2019 18:58
 Operator : JC/SP
 Sample : K5930-03 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:42:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 00:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	176032	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	199956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	72092	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.94	69	70974	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.60	63	95902	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.70	46	212564	53.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.26%
24) Chloroform-d	5.12	84	143209	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	78784	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	281504	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.74	67	100423	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	220770	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.22	79	31604	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.70	63	135498	42.54	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85577	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	68066	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

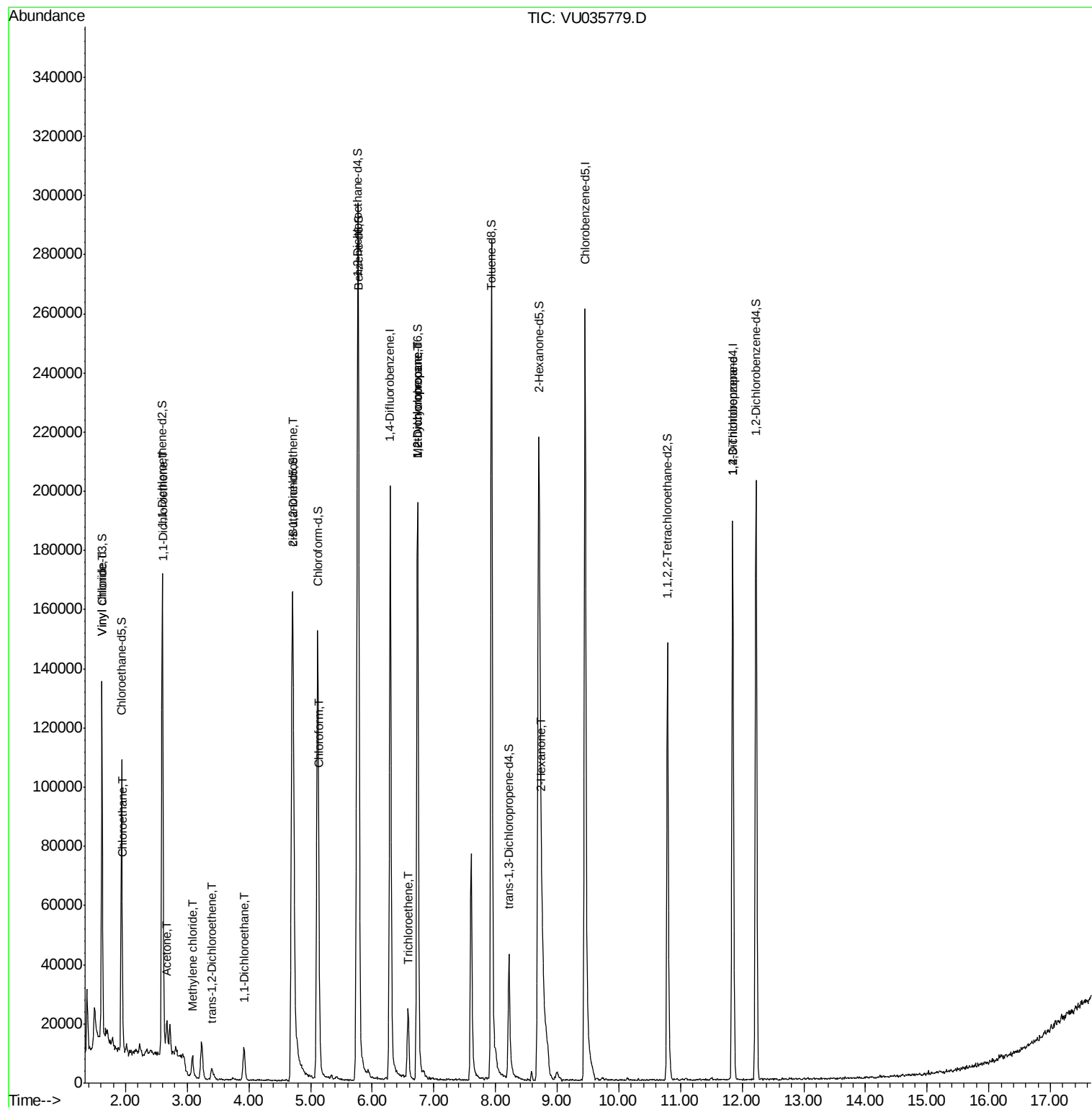
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	12337	0.551	ug/L #	19
8) Chloroethane	1.95	64	2329	0.181	ug/L	88
12) 1,1-Dichloroethene	2.61	96	3487	0.225	ug/L #	1
13) Acetone	2.67	43	12352	4.283	ug/L	99
16) Methylene chloride	3.08	84	3284	0.179	ug/L	89
18) trans-1,2-Dichloroethene	3.39	96	1302	0.082	ug/L	84
19) 1,1-Dichloroethane	3.92	63	13575	0.459	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	38611	2.194	ug/L	98
25) Chloroform	5.14	83	10648	0.331	ug/L	92
34) Trichloroethene	6.58	95	8146	0.452	ug/L	94
35) Methylcyclohexane	6.74	83	22842	0.833	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10644	0.574	ug/L #	88
48) 2-Hexanone	8.75	43	12783	1.687	ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	7185	0.586	ug/L	95

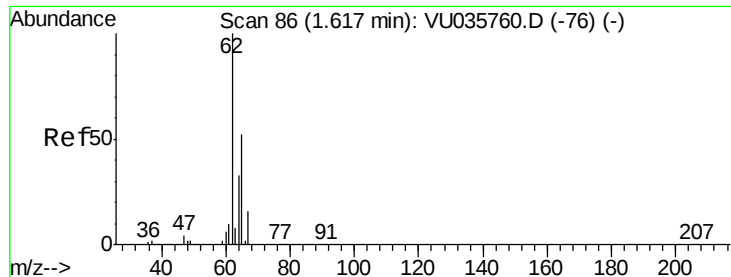
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.551 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Instrument :

MSVOA_U

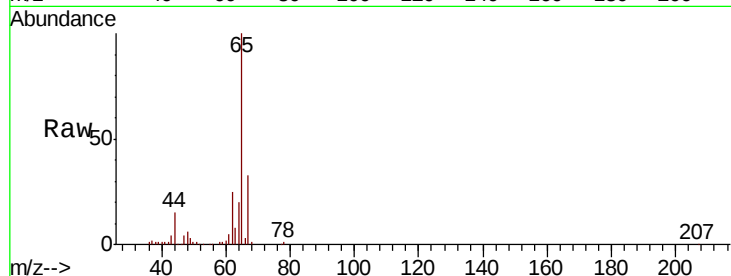
ClientSampled :

Tot Ion: 62 Resp: 12337

Ion Ratio Lower Upper

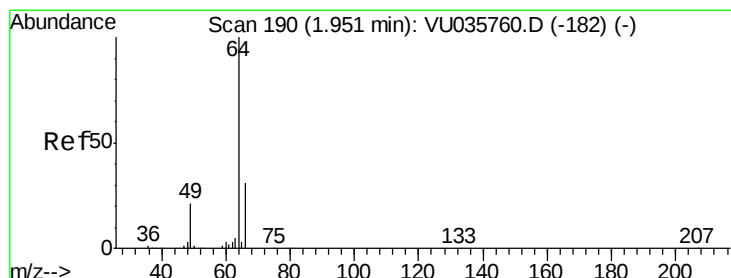
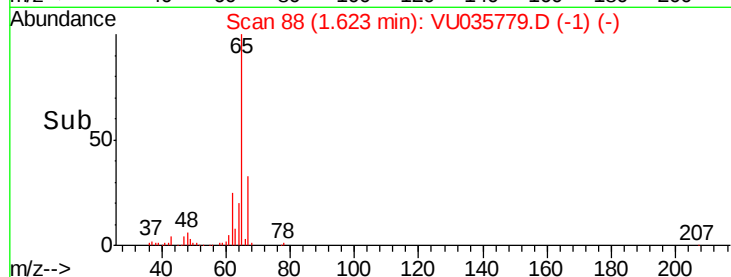
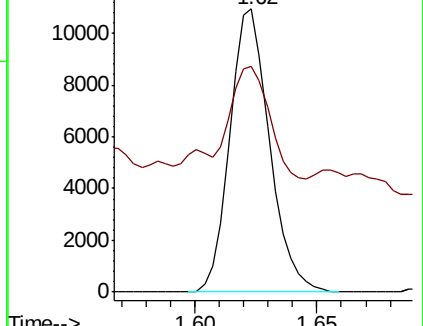
62 100

64 79.9 23.5 43.7#



Abundance Ion 62.00 (61.70 to 62.70): VU035779.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU035779.D (-1) (-)



#8

Chloroethane

Concen: 0.181 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU035779.D

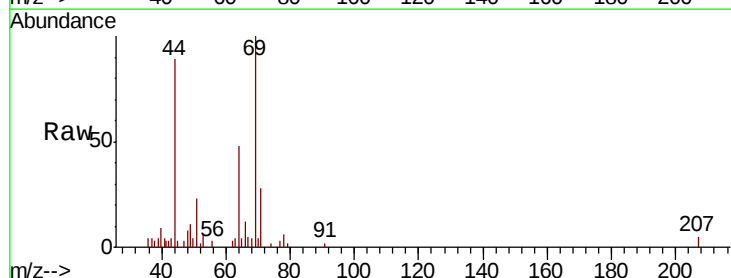
Acq: 19 Nov 2019 18:58

Tgt Ion: 64 Resp: 2329

Ion Ratio Lower Upper

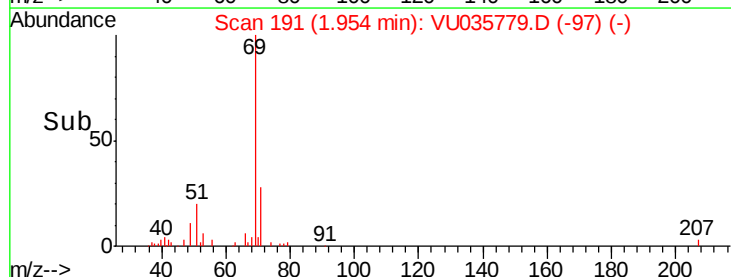
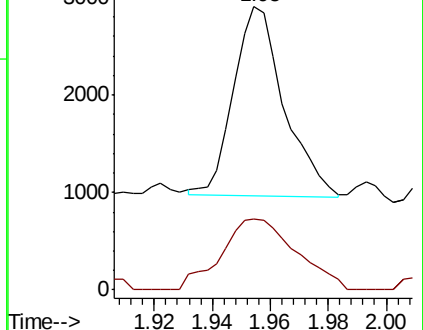
64 100

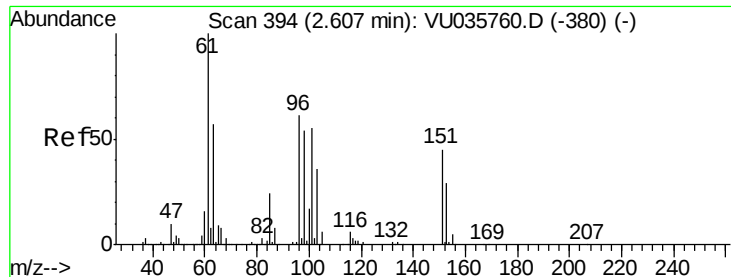
66 25.3 22.5 41.7



Abundance Ion 64.10 (63.80 to 64.80): VU035779.D (-97) (-)

Ion 66.05 (65.75 to 66.75): VU035779.D (-97) (-)

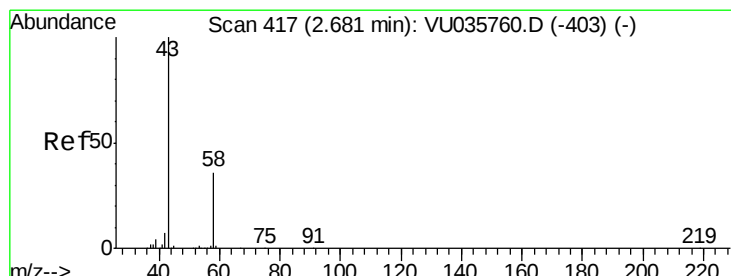
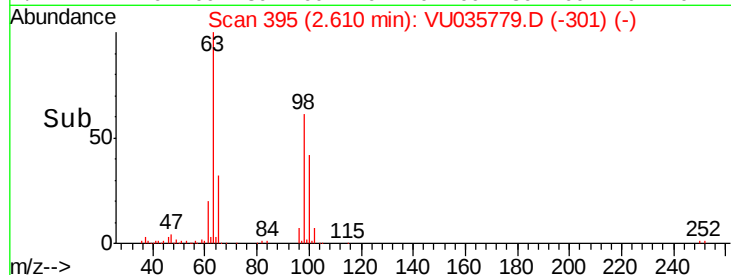
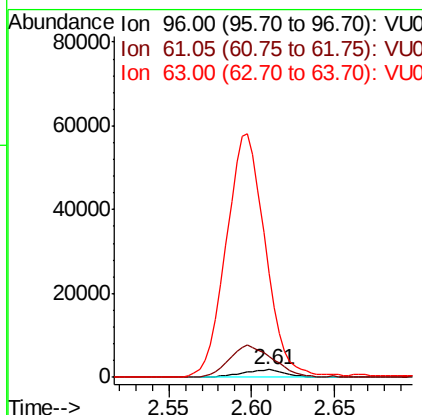
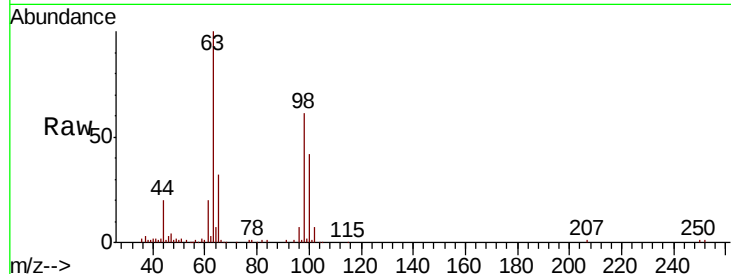




#12
 1,1-Dichloroethene
 Concen: 0.225 ug/L
 RT: 2.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: VU035779.D
 Acq: 19 Nov 2019 18:58

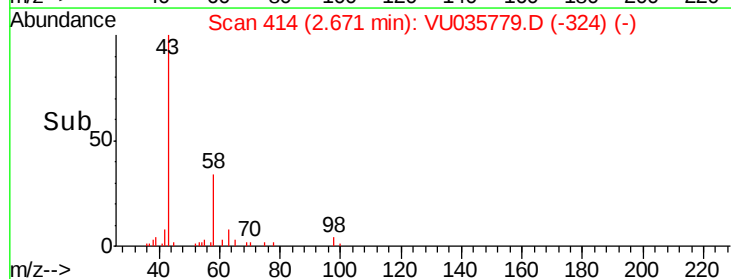
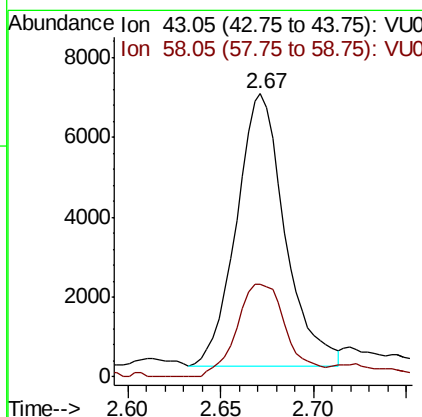
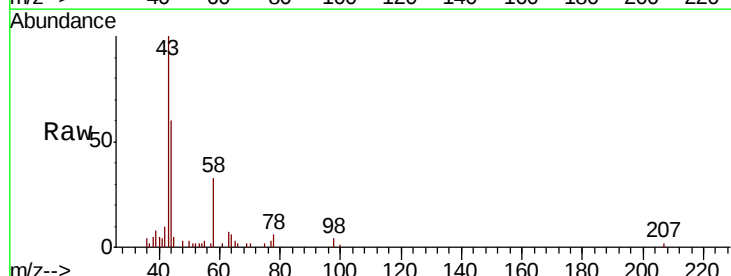
Instrument :
 MSVOA_U
 ClientSampleId :

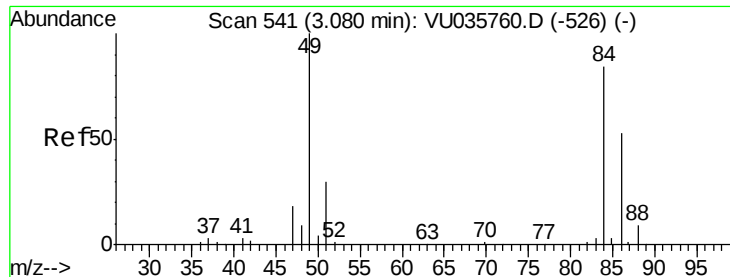
Tot Ion: 96 Resp: 3487
 Ion Ratio Lower Upper
 96 100
 61 271.9 123.1 228.5#
 63 1352.7 87.8 163.0#



#13
 Acetone
 Concen: 4.283 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VU035779.D
 Acq: 19 Nov 2019 18:58

Tgt Ion: 43 Resp: 12352
 Ion Ratio Lower Upper
 43 100
 58 35.3 0.0 69.8

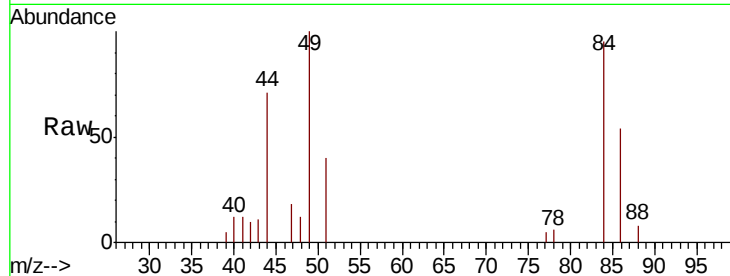




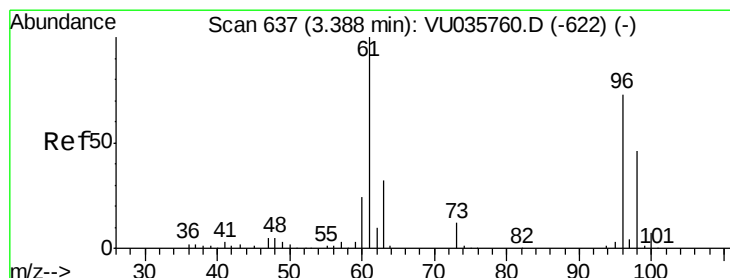
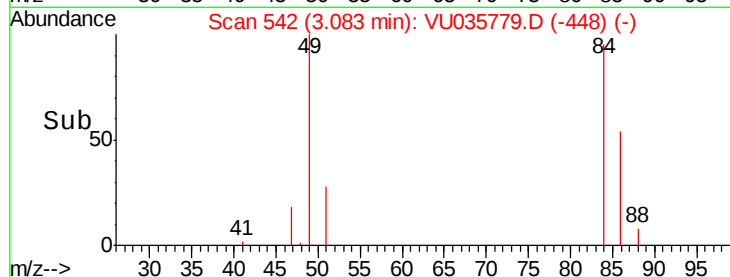
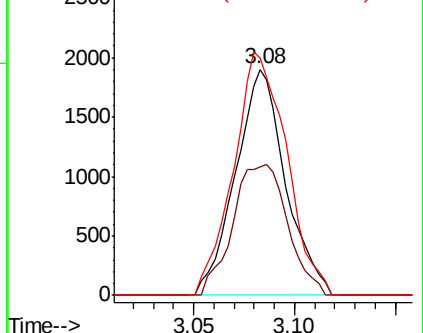
#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 3284
Ion Ratio Lower Upper
84 100
86 56.8 45.8 85.2
49 105.0 81.9 152.1

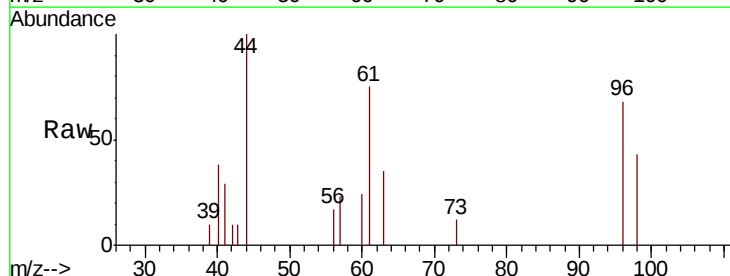


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

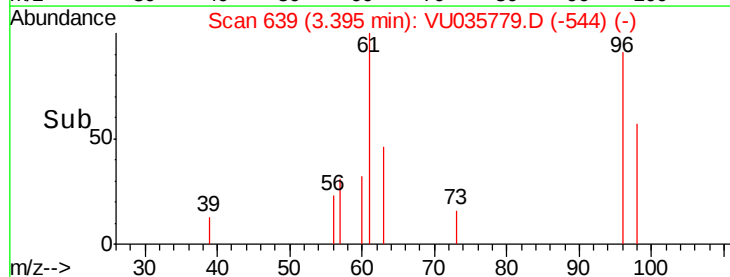
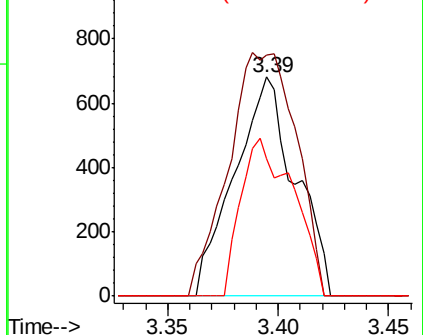


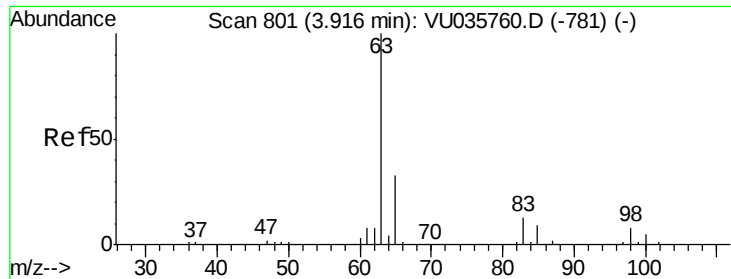
#18
trans-1,2-Dichloroethene
Concen: 0.082 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Tgt Ion: 96 Resp: 1302
Ion Ratio Lower Upper
96 100
61 110.1 95.0 176.4
98 63.1 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 0.459 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

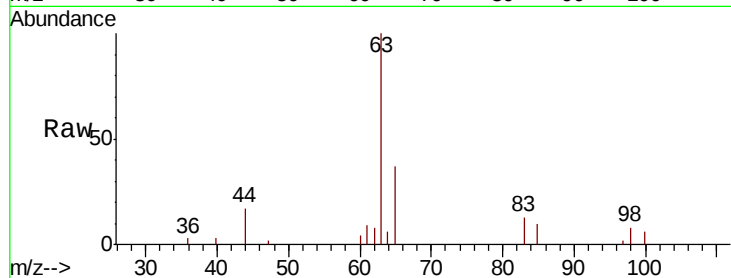
Tot Ion: 63 Resp: 13575

Ion Ratio Lower Upper

63 100

65 37.0 22.0 40.8

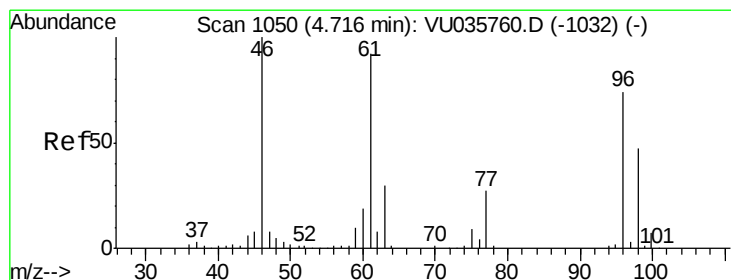
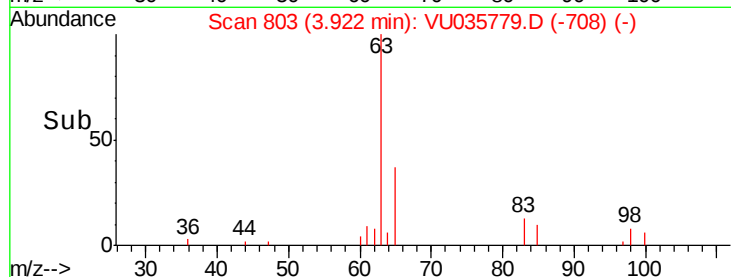
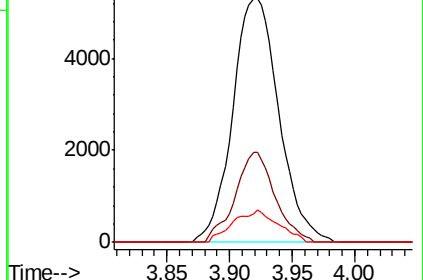
83 13.1 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU035779.D (-957) (-)

Ion 65.10 (64.80 to 65.80): VU035779.D (-957) (-)

Ion 83.05 (82.75 to 83.75): VU035779.D (-957) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.194 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

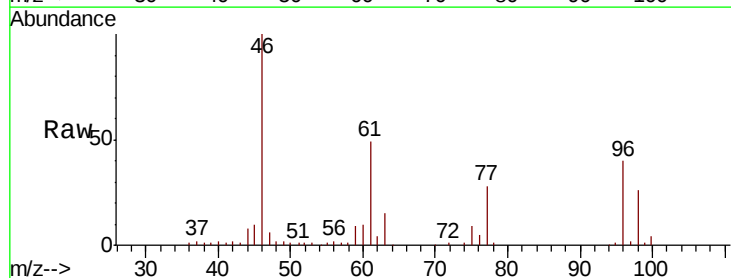
Tgt Ion: 96 Resp: 38611

Ion Ratio Lower Upper

96 100

61 122.1 87.0 161.6

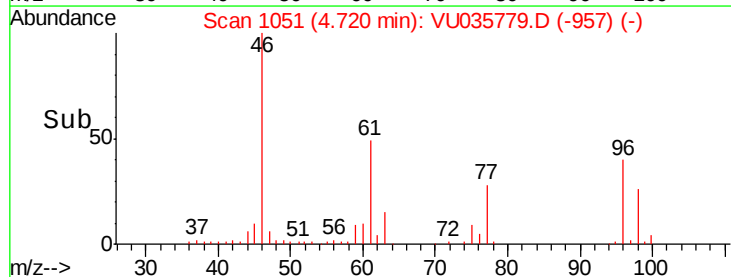
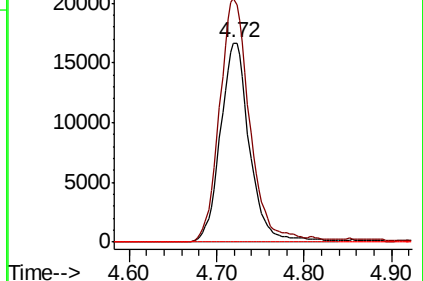
68 0.0 0.0 0.0

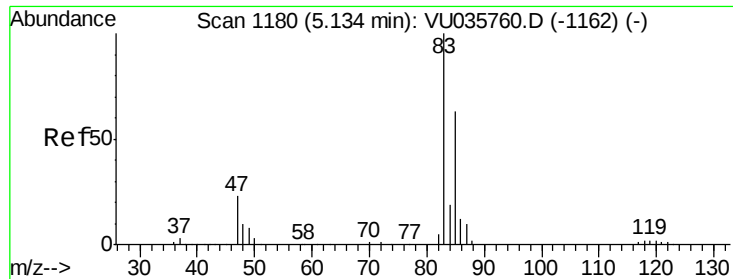


Abundance Ion 96.00 (95.70 to 96.70): VU035779.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035779.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035779.D (-957) (-)

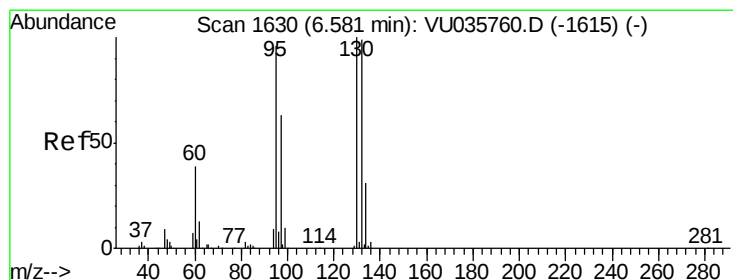
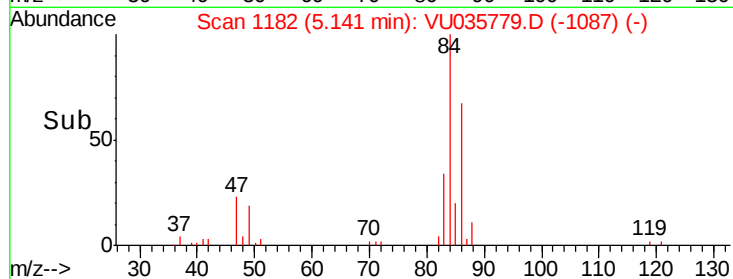
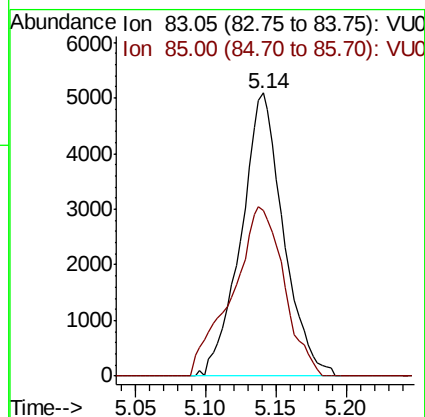
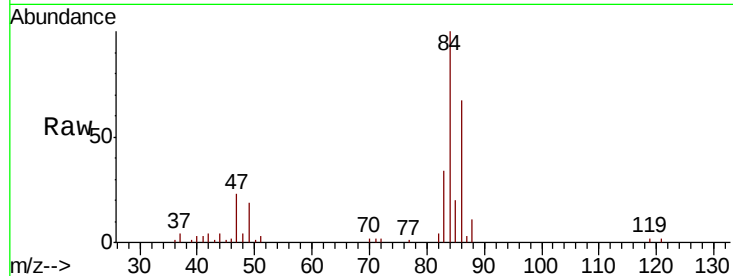




#25
Chloroform
Concen: 0.331 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

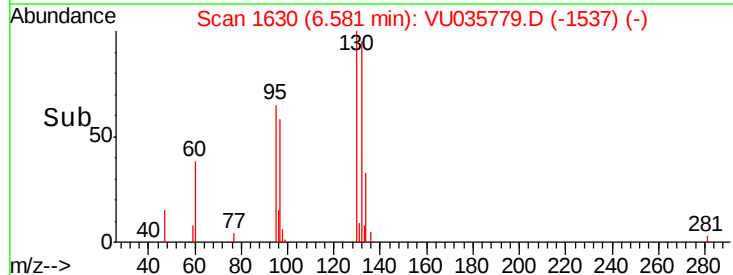
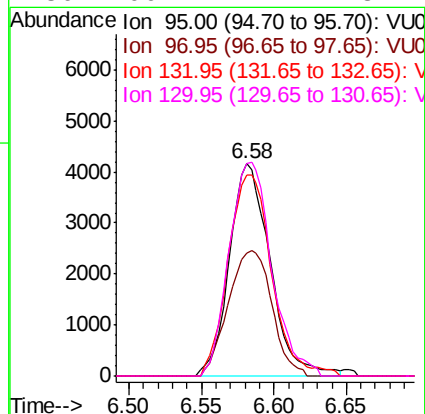
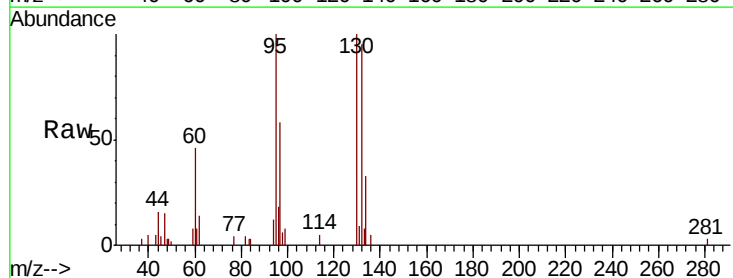
Instrument :
MSVOA_U
ClientSampleId :

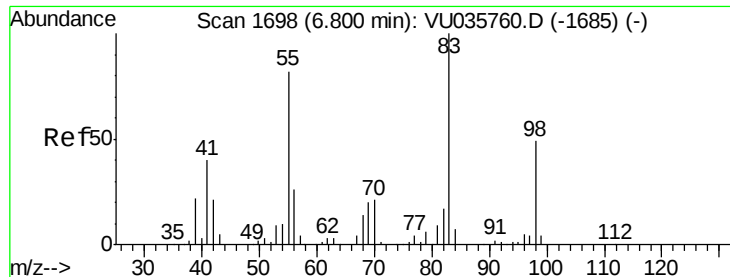
Tot Ion: 83 Resp: 10648
Ion Ratio Lower Upper
83 100
85 58.6 45.4 84.2



#34
Trichloroethene
Concen: 0.452 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Tgt Ion: 95 Resp: 8146
Ion Ratio Lower Upper
95 100
97 58.3 44.5 82.7
132 94.9 69.9 129.7
130 100.2 74.1 137.7

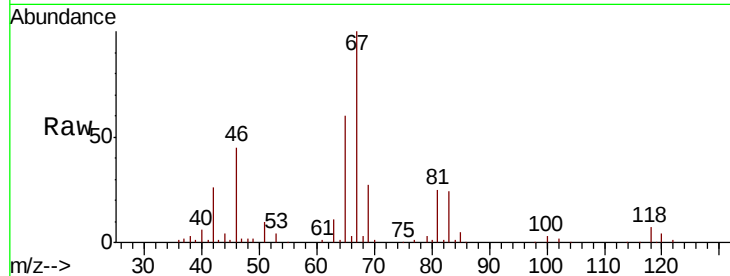




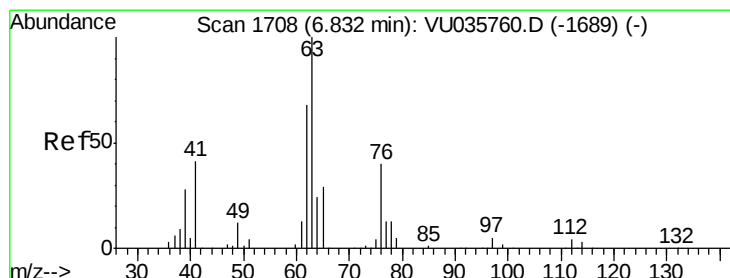
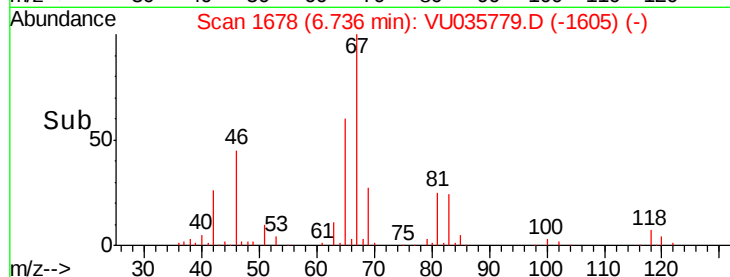
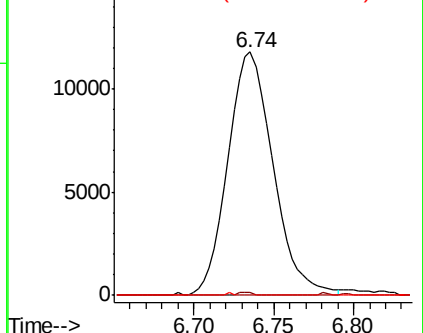
#35
Methvlcvclohexane
Concen: 0.833 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 22842
Ion Ratio Lower Upper
83 100
55 0.4 62.6 93.8#
98 0.1 37.2 55.8#

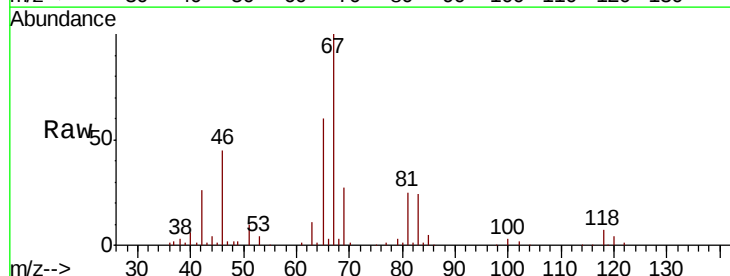


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

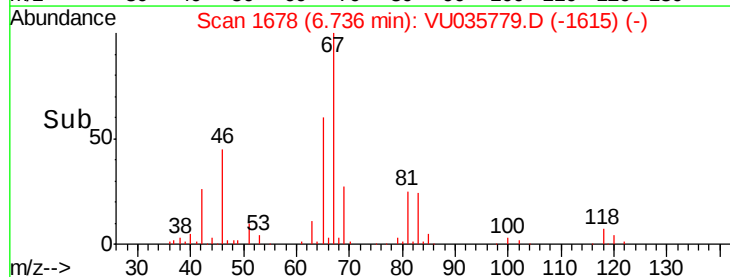
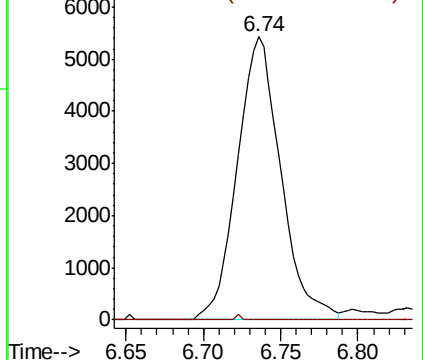


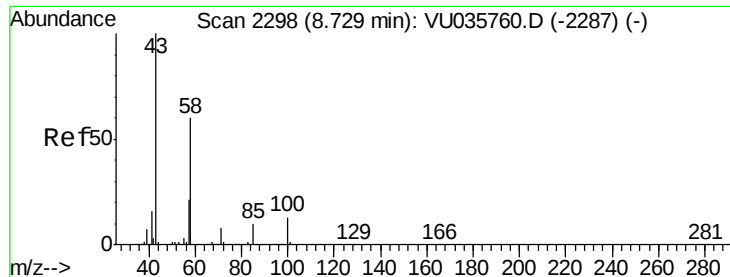
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Tgt Ion: 63 Resp: 10644
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#



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

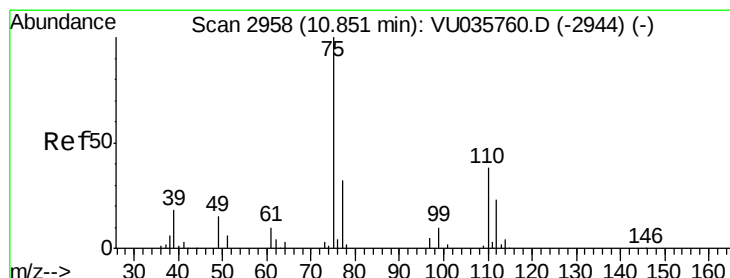
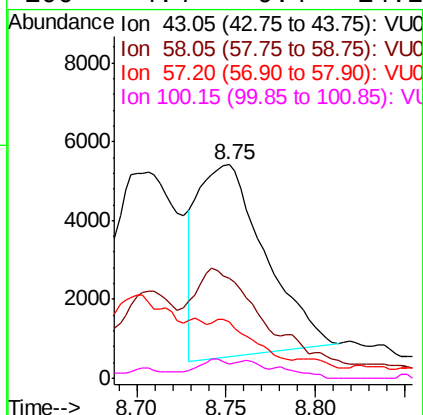
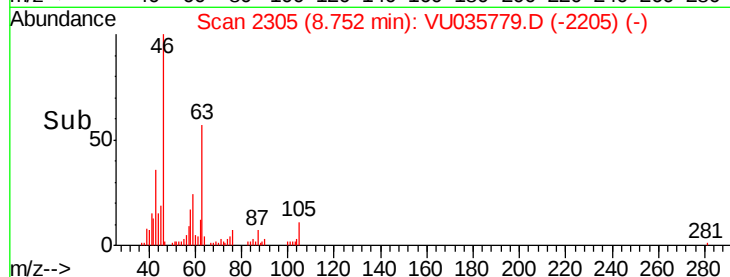
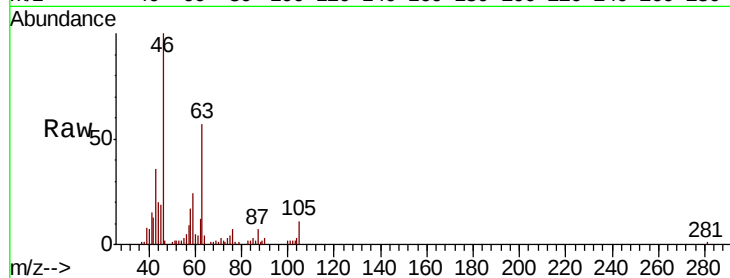




#48
2-Hexanone
Concen: 1.687 ug/L
RT: 8.75 min Scan# 2305
Delta R.T. 0.02 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 12783
Ion Ratio Lower Upper
43 100
58 56.9 44.1 66.1
57 0.0 15.1 22.7#
100 4.4 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.586 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035779.D
Acq: 19 Nov 2019 18:58

Tgt Ion: 75 Resp: 7185
Ion Ratio Lower Upper
75 100
77 36.3 26.8 40.2

