

Data File : VU035807.D
Acq On : 21 Nov 2019 16:49
Operator : JC/SP
Sample : K5930-11 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AB1

Quant Time: Nov 22 01:37:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	220070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	145253	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.94	69	129420	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.59	63	208199	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.70	46	352325	52.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	5.12	84	245456	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.75	65	145309	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.77	84	482629	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.74	67	174239	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.93	98	397425	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.22	79	57241	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.70	63	241045	47.19	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	135138	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	111040	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	66614	1.813 ug/L #	1
8) Chloroethane	1.90	64	3501	0.165 ug/L #	51
12) 1,1-Dichloroethene	2.61	96	9750	0.426 ug/L #	1
13) Acetone	2.67	43	14697	2.515 ug/L	100
14) Carbon disulfide	2.83	76	25608	0.337 ug/L #	83
16) Methylene chloride	3.08	84	5767	0.208 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	3516	0.156 ug/L	86
19) 1,1-Dichloroethane	3.92	63	38820	0.766 ug/L	92
21) 2-Butanone	4.78	43	28715	3.884 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	53841	2.143 ug/L	95
25) Chloroform	5.14	83	13503	0.274 ug/L	93
34) Trichloroethene	6.58	95	77141	2.967 ug/L	97
35) Methylcyclohexane	6.74	83	37566	0.984 ug/L #	14
39) cis-1,3-Dichloropropene	7.61	75	3571	0.092 ug/L #	45
48) 2-Hexanone	8.75	43	30462	2.241 ug/L #	80
59) 1,2,3-Trichloropropane	11.84	75	13293	0.680 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112119\
Quantitation Report (Not Reviewed)

Data File : VU035807.D
Acq On : 21 Nov 2019 16:49
Operator : JC/SP
Sample : K5930-11 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AB1

Quant Time: Nov 22 01:37:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

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

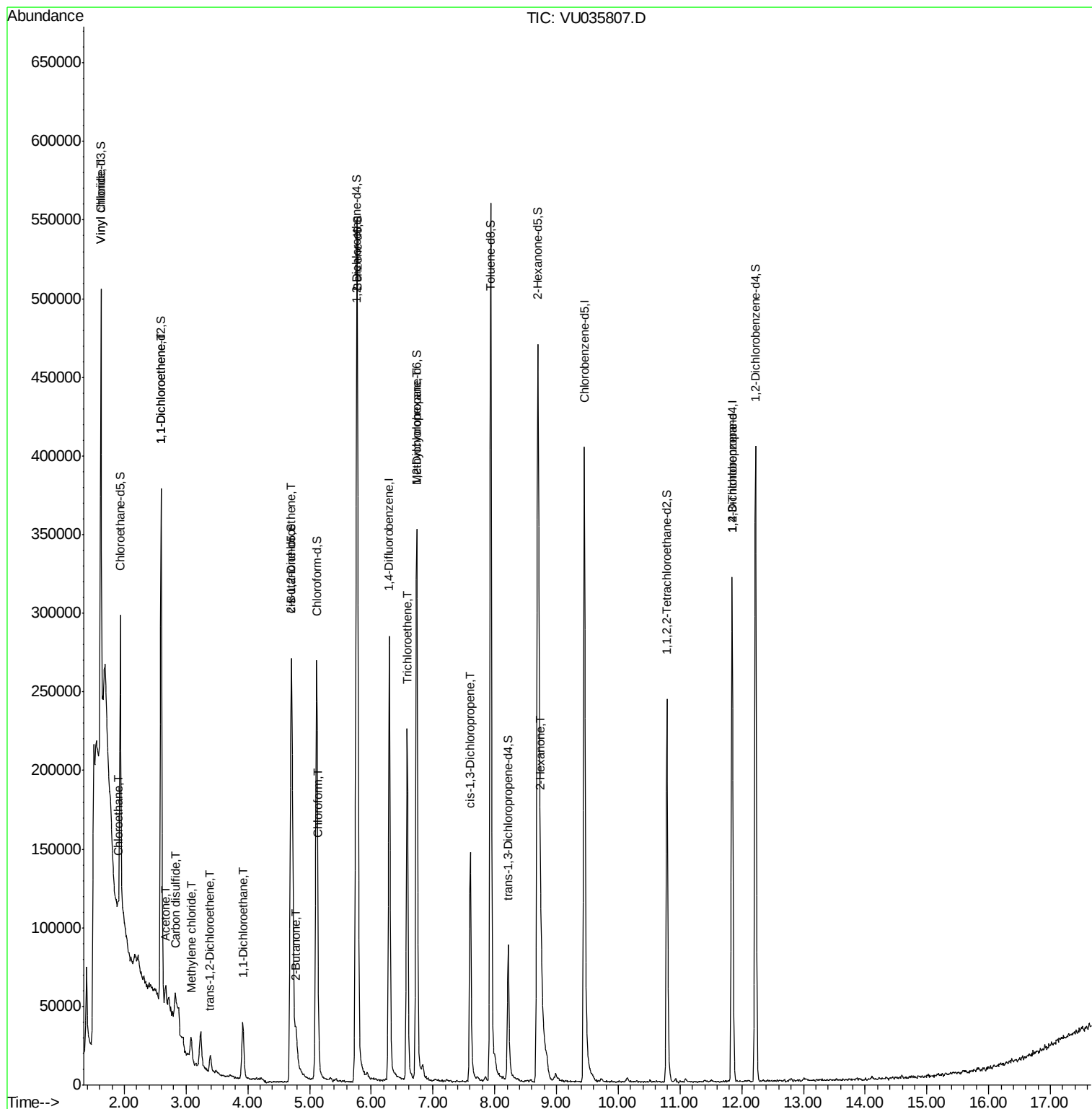
(#) = qualifier out of range (m) = manual integration (+) = signals summed

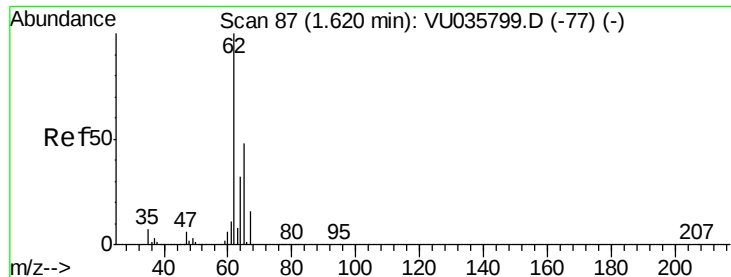
Data File : VU035807.D

```
Acq On       : 21 Nov 2019 16:49
Operator     : JC/SP
Sample       : K5930-11 10X
Misc         : 25.0mL/MSVOA_U/WATER
ALS Vial     : 18      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
B0AB1

Quant Time: Nov 22 01:37:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.813 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

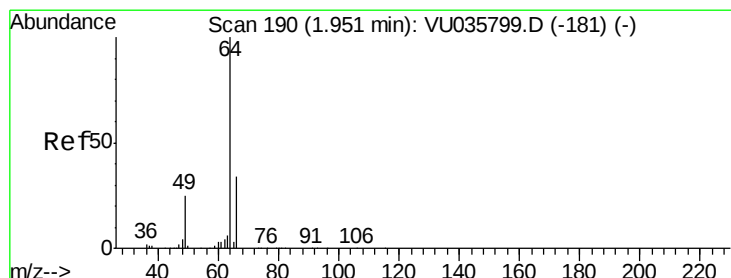
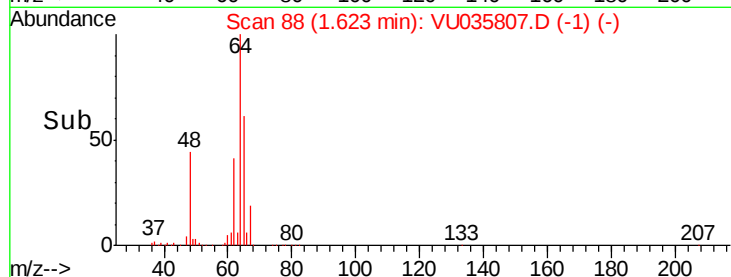
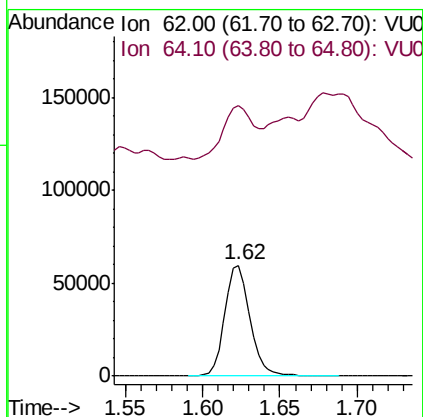
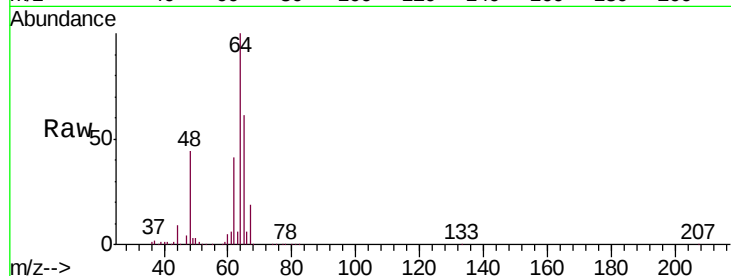
B0AB1

Tgt Ion: 62 Resp: 66614

Ion Ratio Lower Upper

62 100

64 244.1 22.5 41.9#



#8

Chloroethane

Concen: 0.165 ug/L

RT: 1.90 min Scan# 173

Delta R.T. -0.05 min

Lab File: VU035807.D

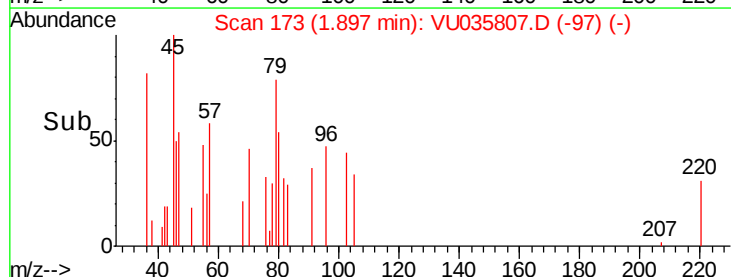
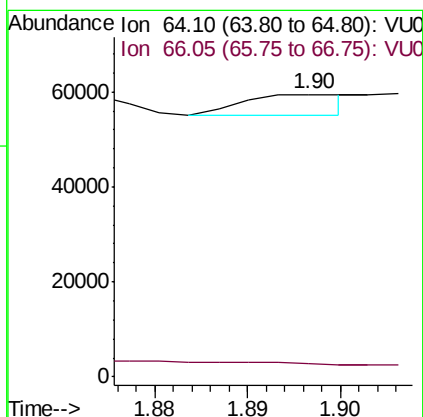
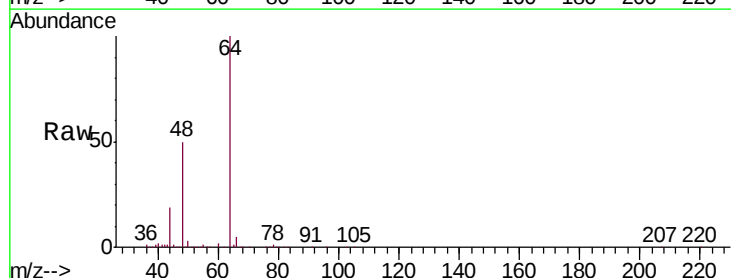
Acq: 21 Nov 2019 16:49

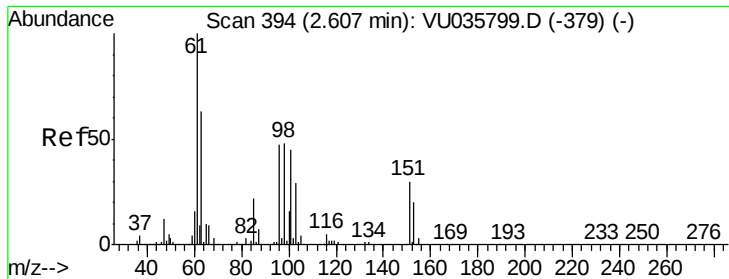
Tgt Ion: 64 Resp: 3501

Ion Ratio Lower Upper

64 100

66 4.7 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.426 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

B0AB1

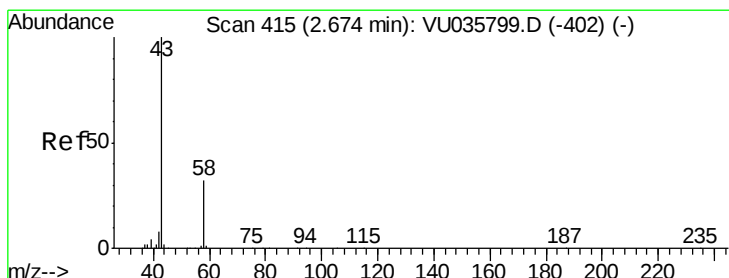
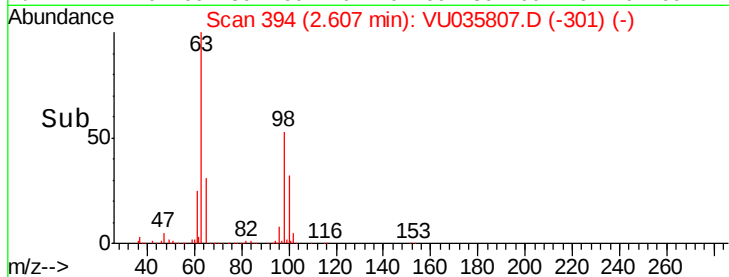
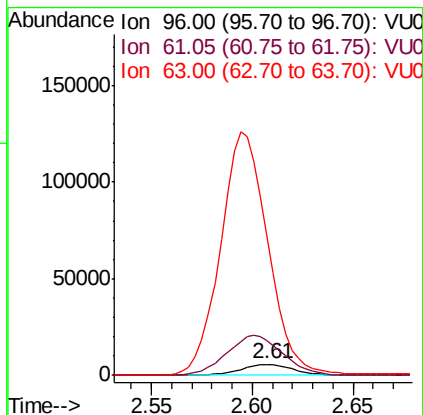
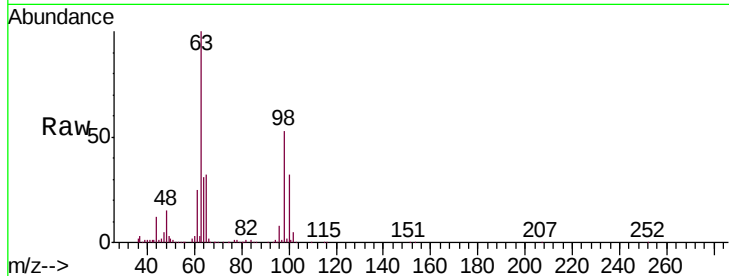
Tgt Ion: 96 Resp: 9750

Ion Ratio Lower Upper

96 100

61 319.2 139.3 258.7#

63 1275.1 93.7 174.1#



#13

Acetone

Concen: 2.515 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035807.D

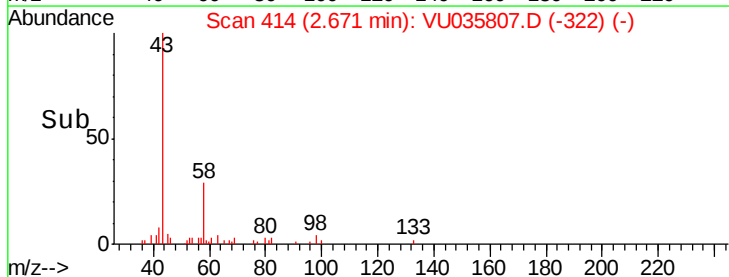
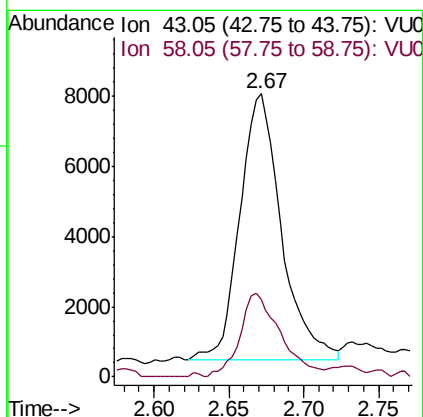
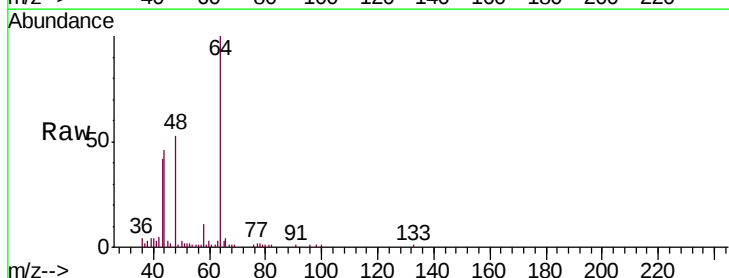
Acq: 21 Nov 2019 16:49

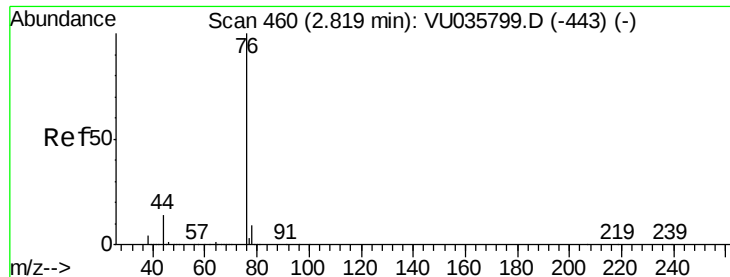
Tgt Ion: 43 Resp: 14697

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.2





#14

Carbon disulfide

Concen: 0.337 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

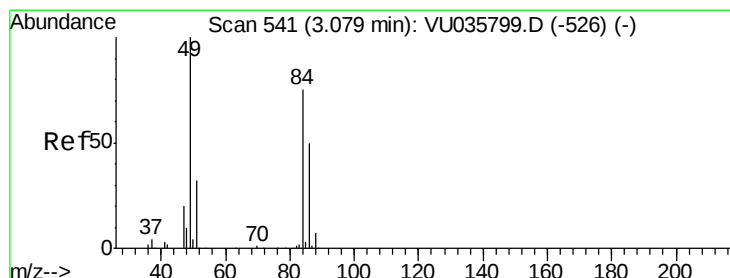
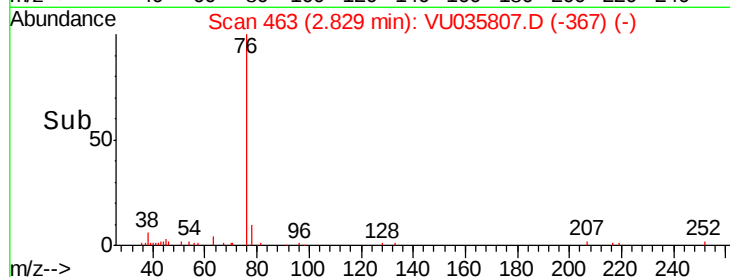
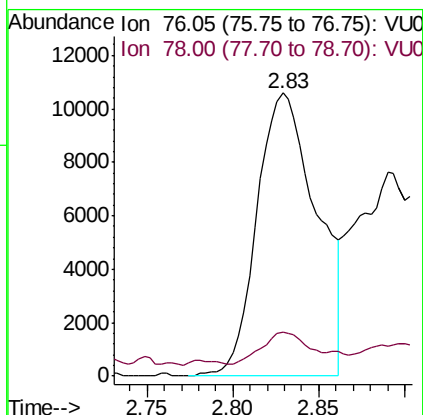
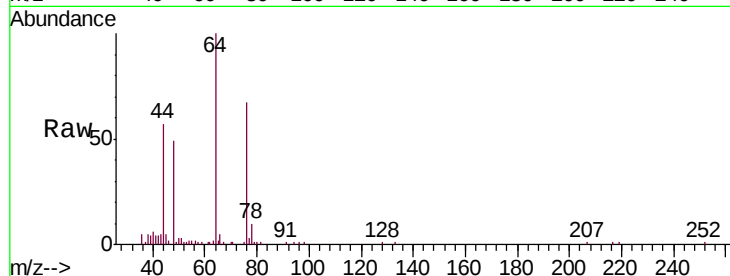
B0AB1

Tgt Ion: 76 Resp: 25608

Ion Ratio Lower Upper

76 100

78 15.4 7.3 10.9#



#16

Methylene chloride

Concen: 0.208 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

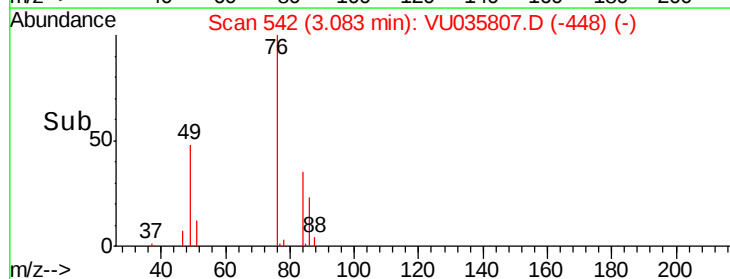
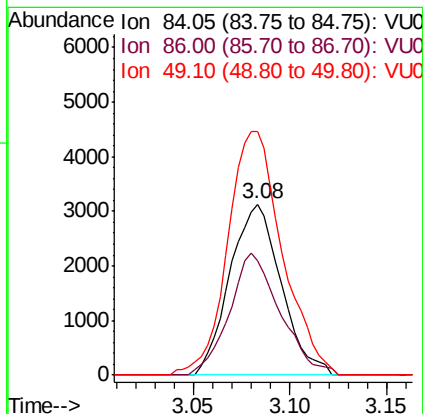
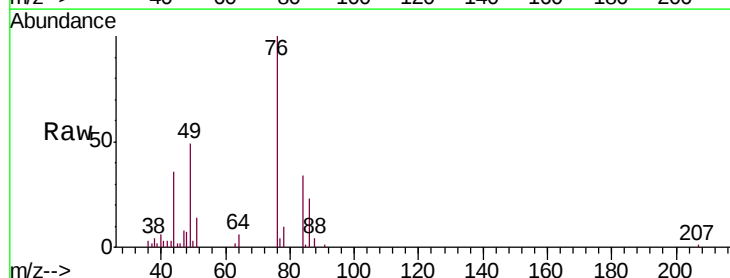
Tgt Ion: 84 Resp: 5767

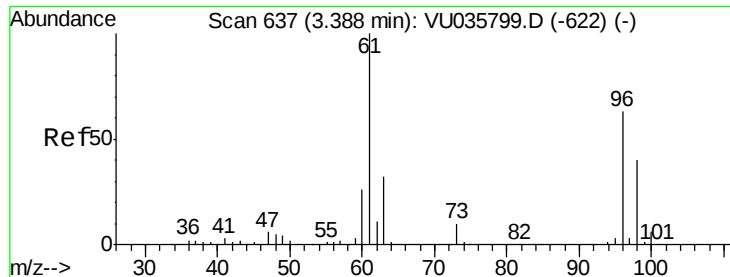
Ion Ratio Lower Upper

84 100

86 66.7 44.4 82.5

49 142.2 94.0 174.6





#18

trans-1,2-Dichloroethene

Concen: 0.156 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

B0AB1

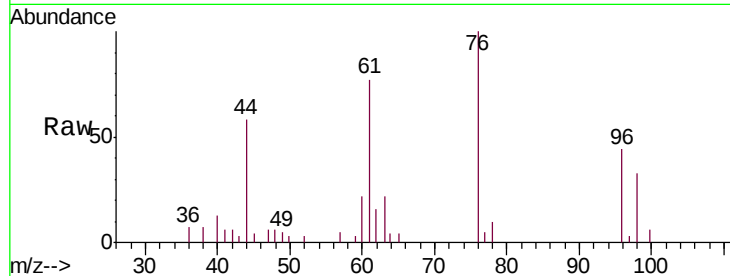
Tgt Ion: 96 Resp: 3516

Ion Ratio Lower Upper

96 100

61 174.6 111.1 206.3

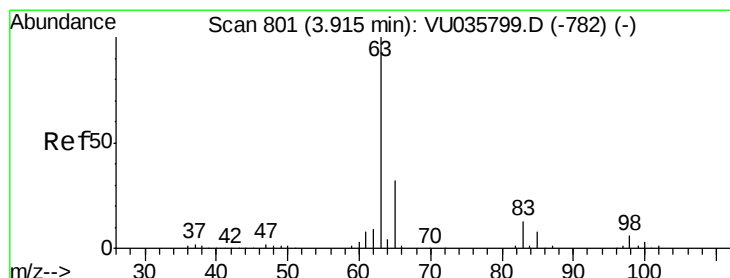
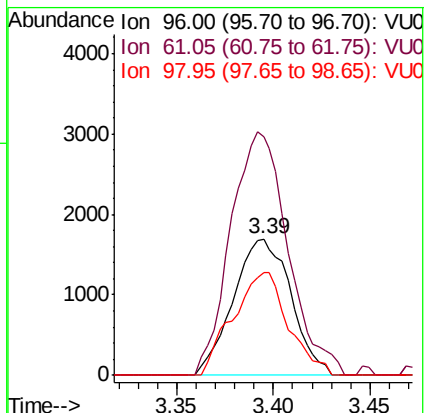
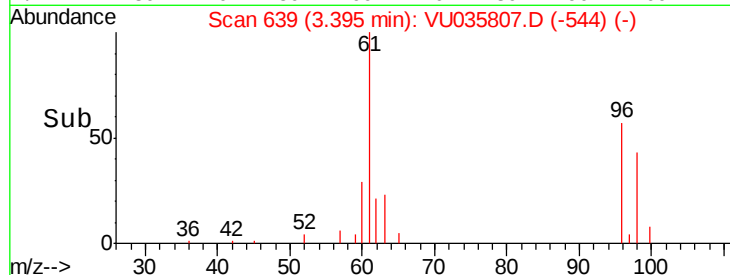
98 74.9 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VU035807.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU035807.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU035807.D (-544) (-)



#19

1,1-Dichloroethane

Concen: 0.766 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

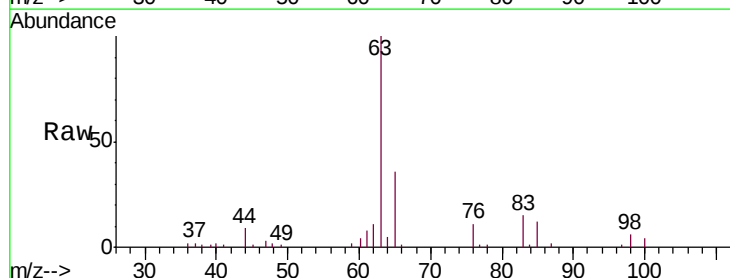
Tgt Ion: 63 Resp: 38820

Ion Ratio Lower Upper

63 100

65 35.8 21.8 40.4

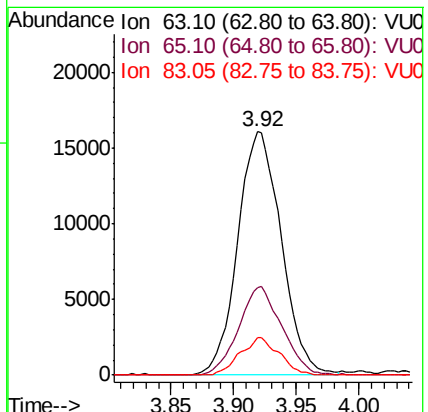
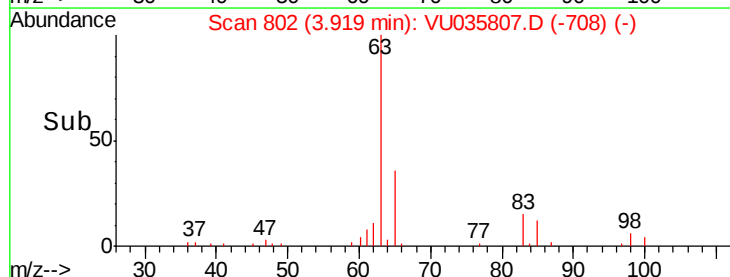
83 15.2 8.6 16.0

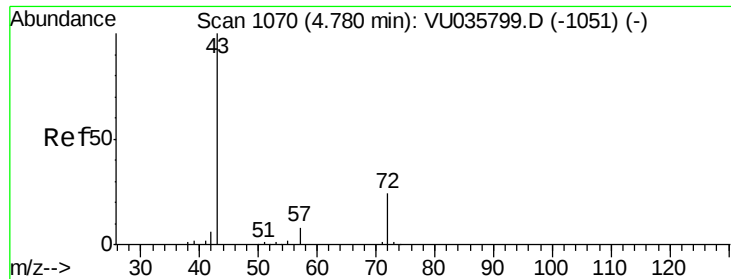


Abundance Ion 63.10 (62.80 to 63.80): VU035807.D (-708) (-)

Ion 65.10 (64.80 to 65.80): VU035807.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VU035807.D (-708) (-)





#21

2-Butanone

Concen: 3.884 ug/L

RT: 4.78 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

Instrument :

MSVOA_U

ClientSampled :

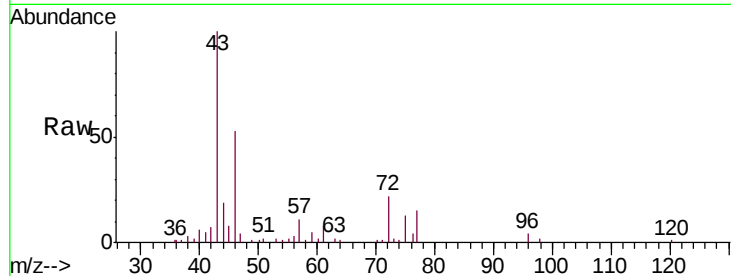
B0AB1

Tgt Ion: 43 Resp: 28715

Ion Ratio Lower Upper

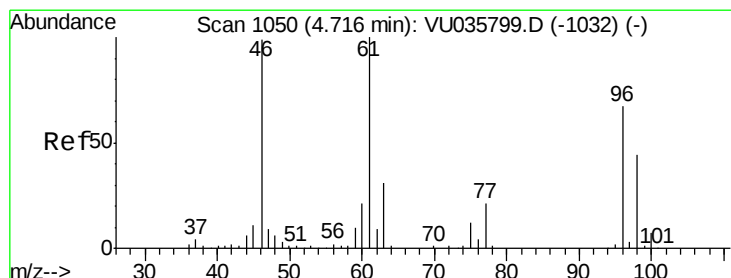
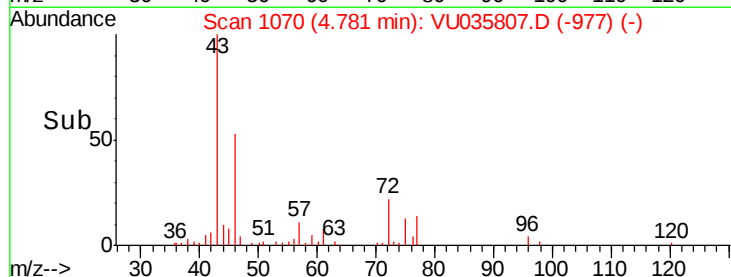
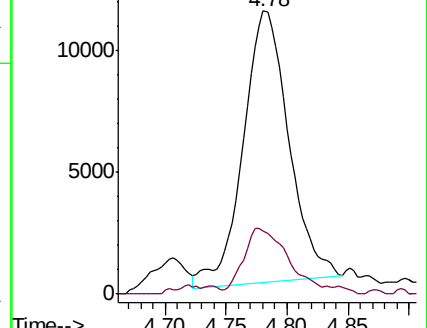
43 100

72 25.1 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035807.D (-977) (-)

Ion 72.10 (71.80 to 72.80): VU035807.D (-977) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.143 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035807.D

Acq: 21 Nov 2019 16:49

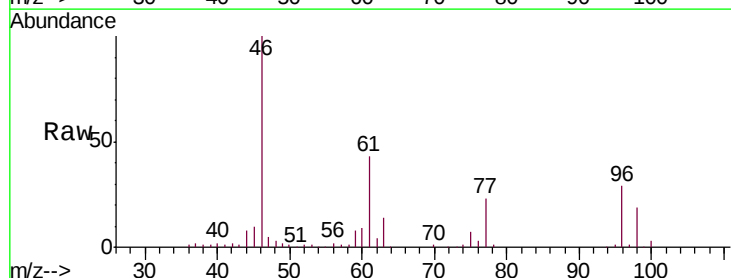
Tgt Ion: 96 Resp: 53841

Ion Ratio Lower Upper

96 100

61 146.7 98.1 182.1

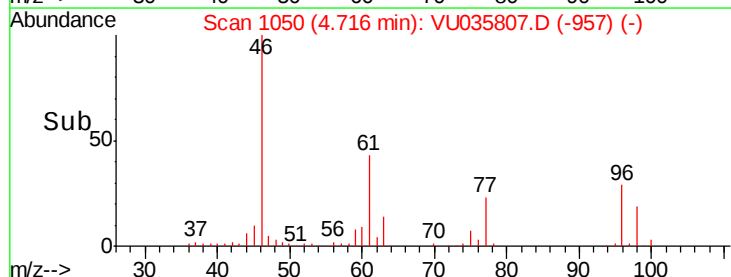
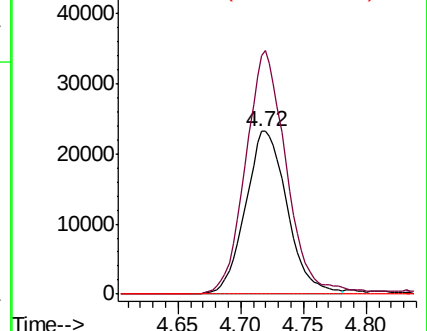
68 0.0 0.0 0.0

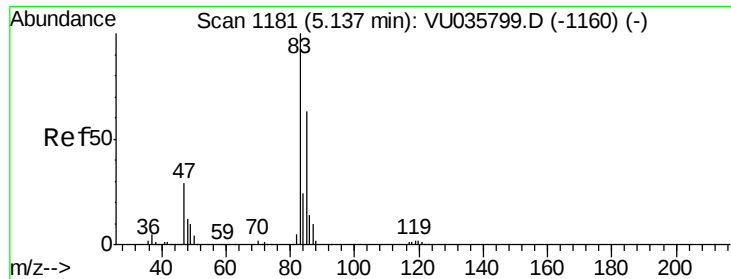


Abundance Ion 96.00 (95.70 to 96.70): VU035807.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035807.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035807.D (-957) (-)

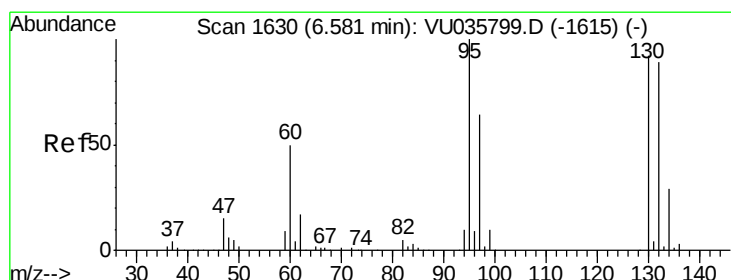
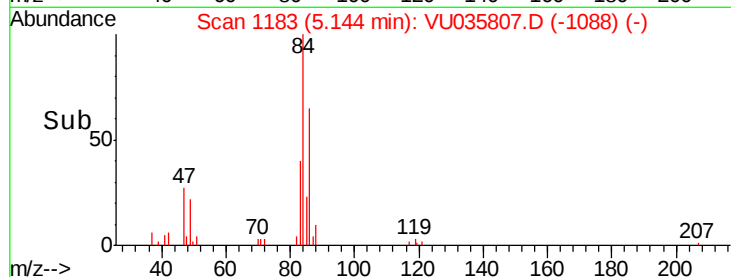
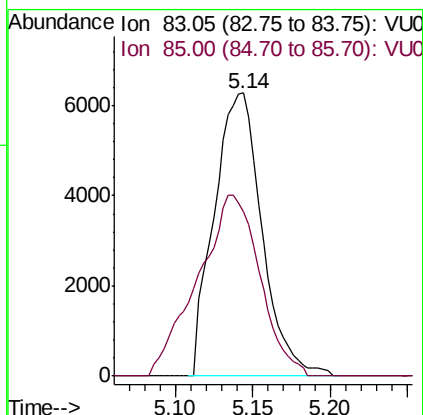
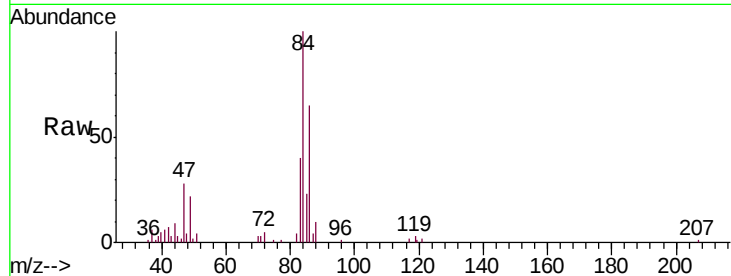




#25
Chloroform
Concen: 0.274 ug/L
RT: 5.14 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU035807.D
Acq: 21 Nov 2019 16:49

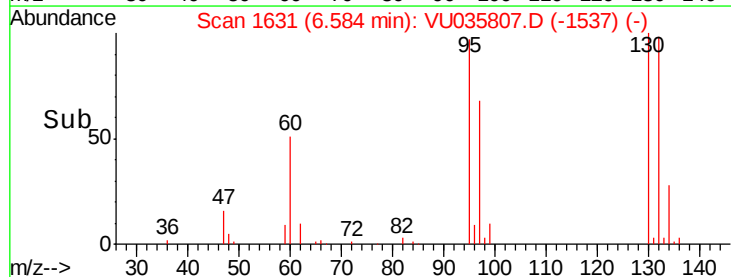
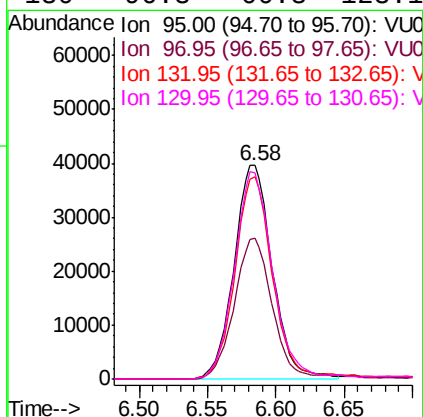
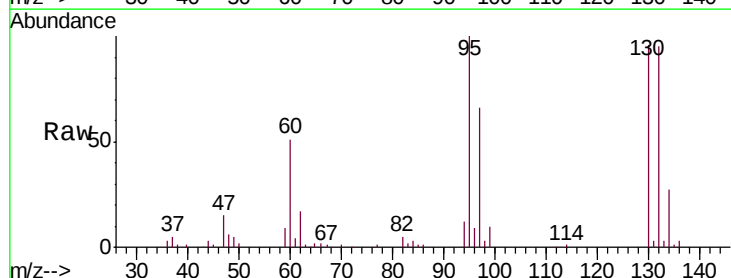
Instrument :
MSVOA_U
ClientSampleId :
B0AB1

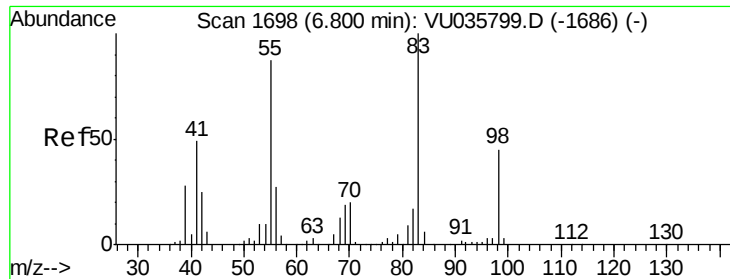
Tgt Ion: 83 Resp: 13503
Ion Ratio Lower Upper
83 100
85 58.1 44.6 82.8



#34
Trichloroethene
Concen: 2.967 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035807.D
Acq: 21 Nov 2019 16:49

Tgt Ion: 95 Resp: 77141
Ion Ratio Lower Upper
95 100
97 65.7 45.1 83.9
132 94.7 61.9 114.9
130 96.3 66.3 123.1

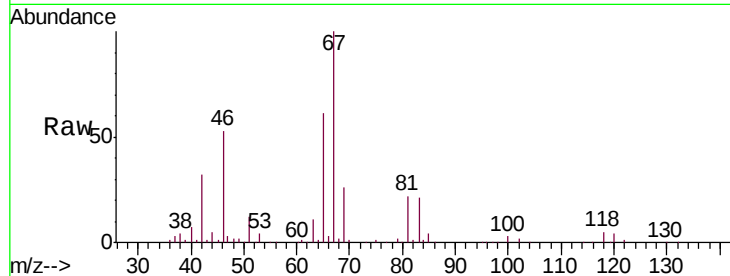




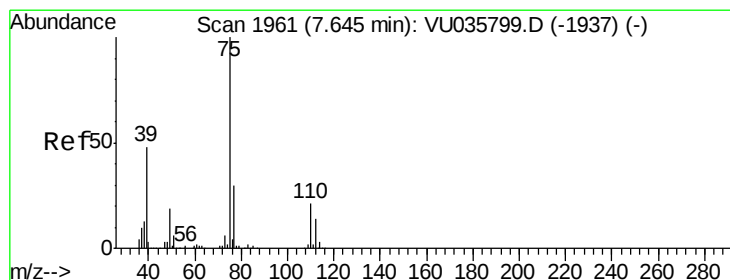
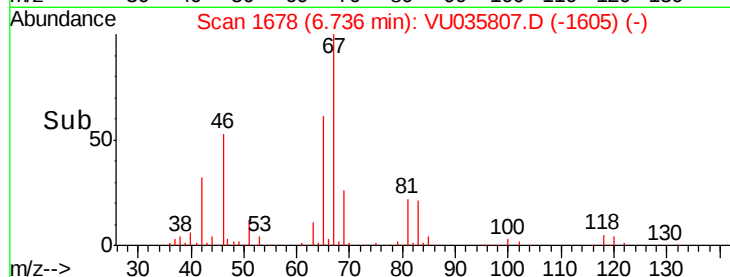
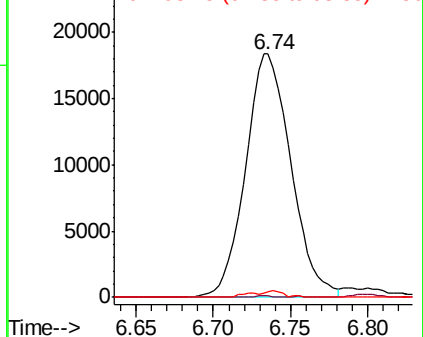
#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035807.D
Acq: 21 Nov 2019 16:49

Instrument :
MSVOA_U
ClientSampled :
B0AB1

Tgt Ion: 83 Resp: 37566
Ion Ratio Lower Upper
83 100
55 0.2 72.7 109.1#
98 1.7 36.2 54.4#

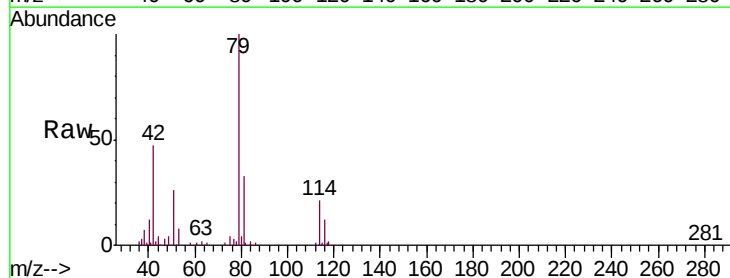


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

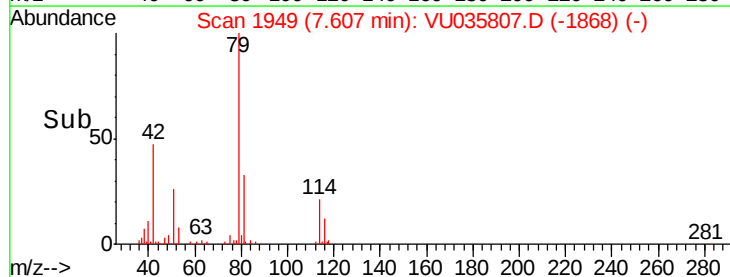
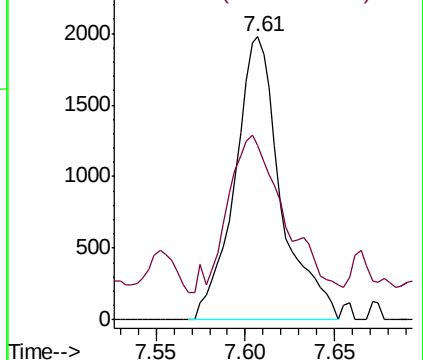


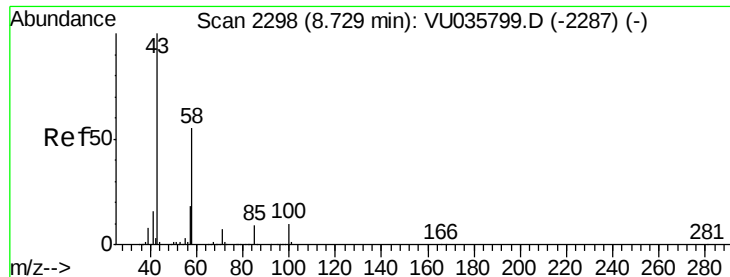
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035807.D
Acq: 21 Nov 2019 16:49

Tgt Ion: 75 Resp: 3571
Ion Ratio Lower Upper
75 100
77 61.8 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

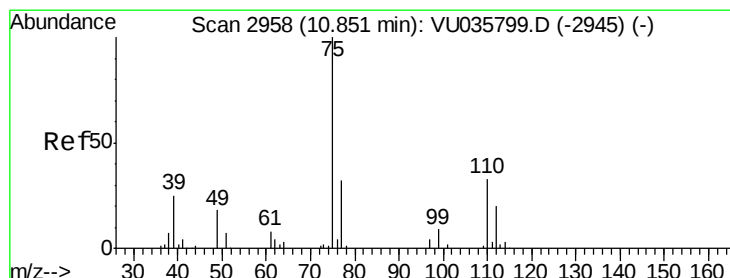
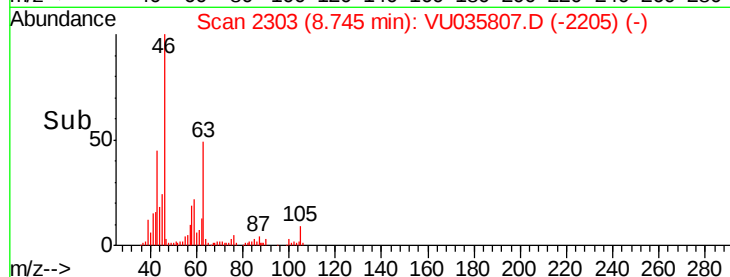
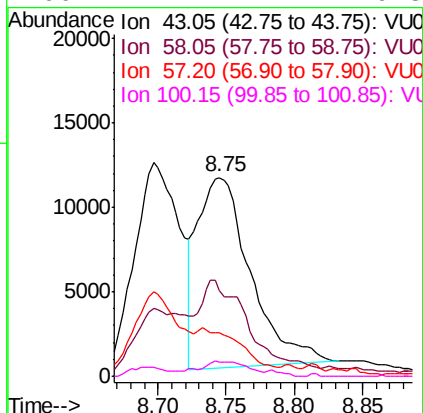
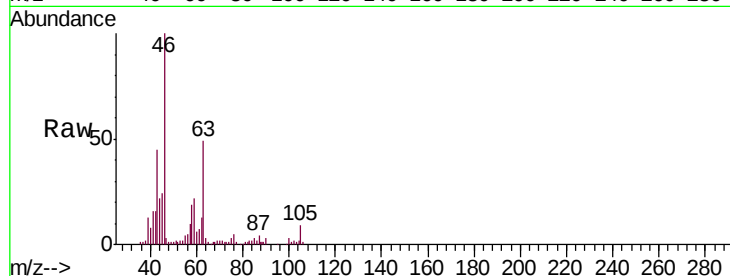




#48
2-Hexanone
Concen: 2.241 ug/L
RT: 8.75 min Scan# 2303
Delta R.T. 0.02 min
Lab File: VU035807.D
Acq: 21 Nov 2019 16:49

Instrument :
MSVOA_U
ClientSampleId :
B0AB1

Tgt Ion: 43 Resp: 30462
Ion Ratio Lower Upper
43 100
58 39.6 39.8 59.8#
57 0.0 14.0 21.0#
100 7.1 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.680 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035807.D
Acq: 21 Nov 2019 16:49

Tgt Ion: 75 Resp: 13293
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

