

Data File : VU035802.D
Acq On : 21 Nov 2019 14:46
Operator : JC/SP
Sample : K5930-04 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AA4

Quant Time: Nov 22 01:36:37 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	276429	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	309783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	102428	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	145866	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	127862	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.60	63	204829	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.70	46	303203	36.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.56%
24) Chloroform-d	5.11	84	230936	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.75	65	138775	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.77	84	475020	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.74	67	160422	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.93	98	384501	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.22	79	54014	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.70	63	201311	32.32	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	124392	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	95341	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

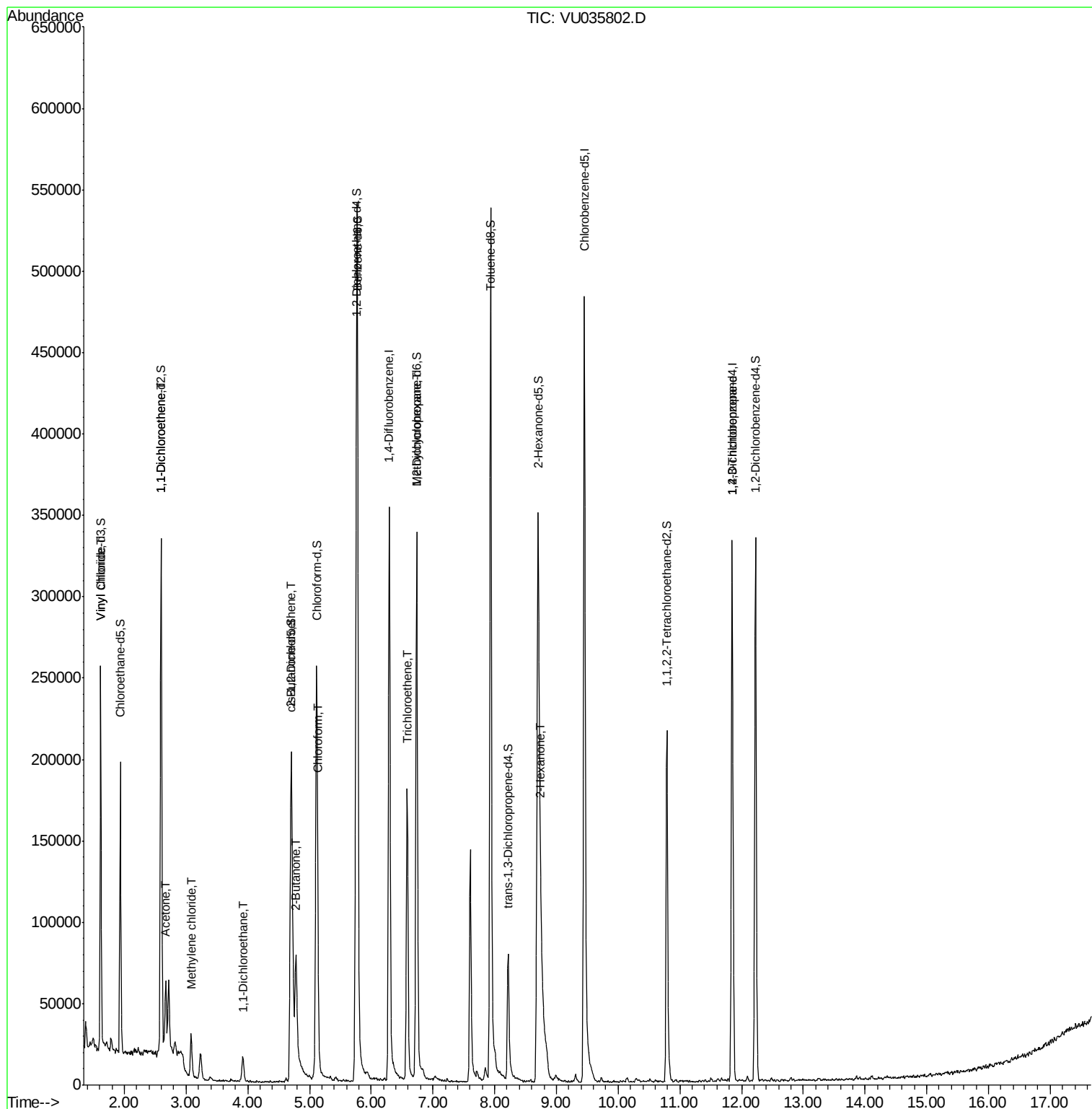
					Qvalue
5) Vinyl chloride	1.62	62	23949	0.519 ug/L #	57
12) 1,1-Dichloroethene	2.60	96	3746	0.130 ug/L #	1
13) Acetone	2.67	43	51090	6.961 ug/L	98
16) Methylene chloride	3.08	84	12323	0.355 ug/L	89
19) 1,1-Dichloroethane	3.92	63	18170	0.286 ug/L	95
21) 2-Butanone	4.78	43	100303	10.800 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	16576	0.525 ug/L	84
25) Chloroform	5.14	83	17630	0.285 ug/L	98
34) Trichloroethene	6.58	95	64037	2.020 ug/L	97
35) Methylcyclohexane	6.74	83	35697	0.767 ug/L #	13
48) 2-Hexanone	8.75	43	30920	1.865 ug/L	97
59) 1,2,3-Trichloropropane	11.85	75	14381	0.603 ug/L	89

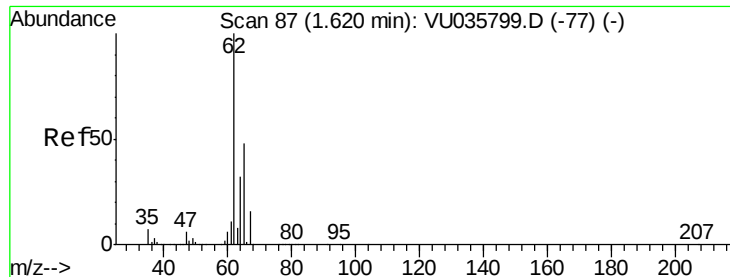
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.519 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

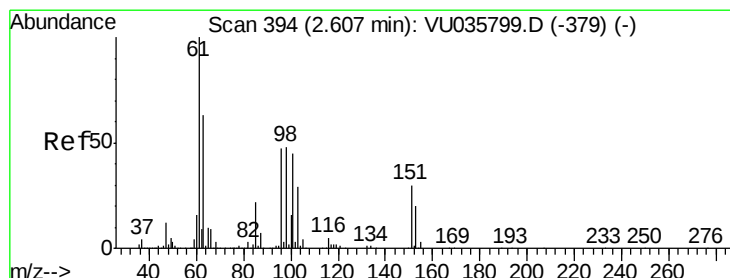
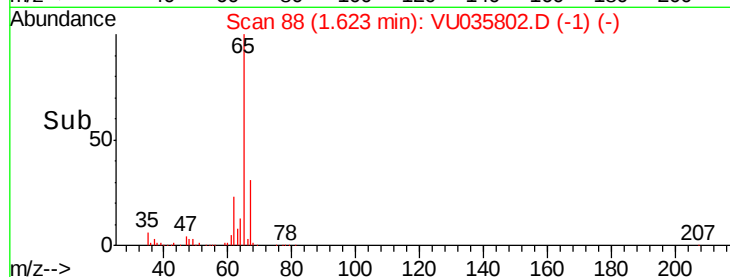
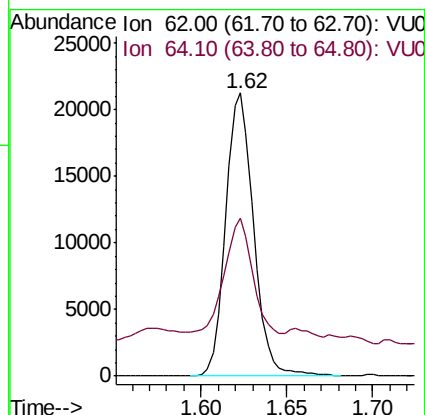
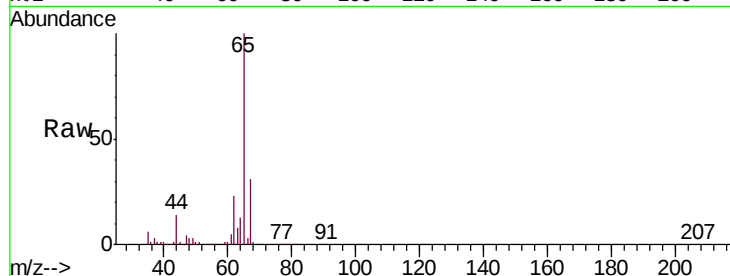
B0AA4

Tgt Ion: 62 Resp: 23949

Ion Ratio Lower Upper

62 100

64 56.0 22.5 41.9#



#12

1,1-Dichloroethene

Concen: 0.130 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

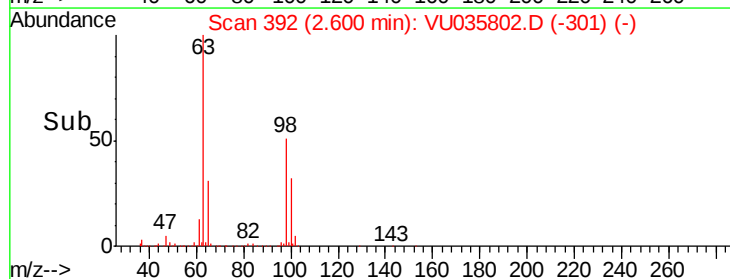
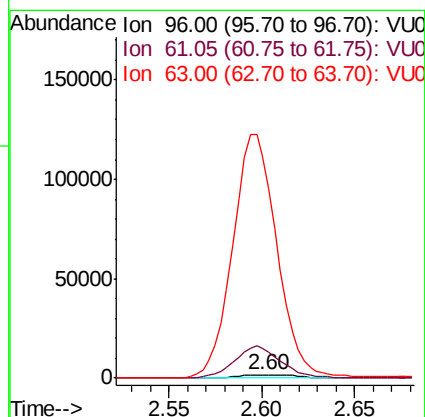
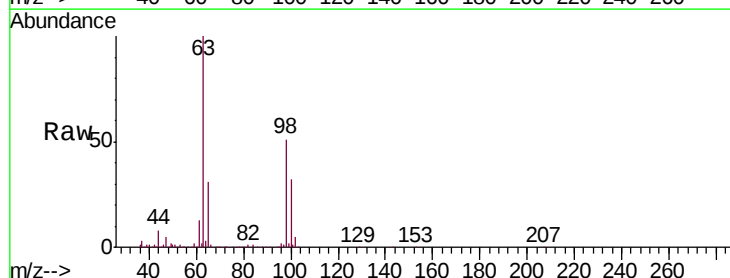
Tgt Ion: 96 Resp: 3746

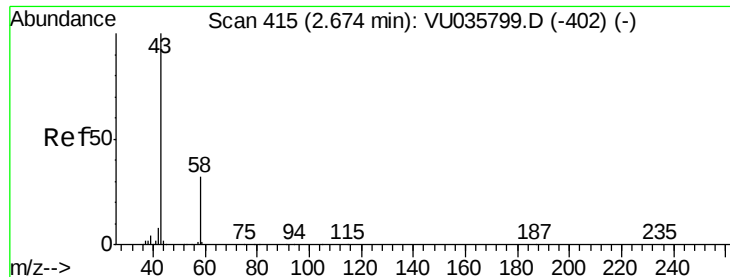
Ion Ratio Lower Upper

96 100

61 859.1 139.3 258.7#

63 6412.8 93.7 174.1#





#13

Acetone

Concen: 6.961 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

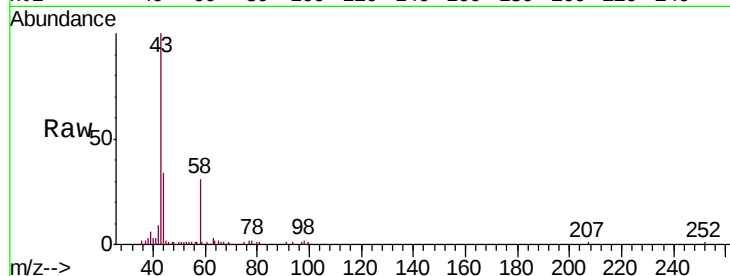
B0AA4

Tgt Ion: 43 Resp: 51090

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.2

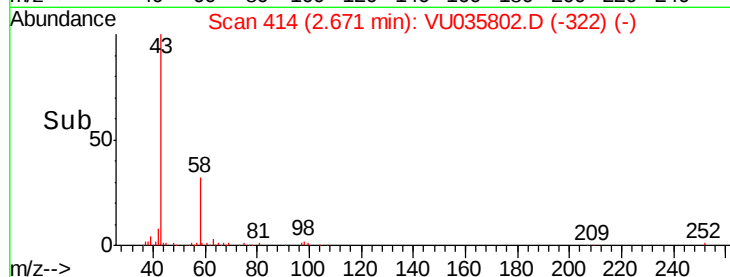


Abundance Ion 43.05 (42.75 to 43.75): VU035799.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035799.D (-402) (-)

2.67

Time-->

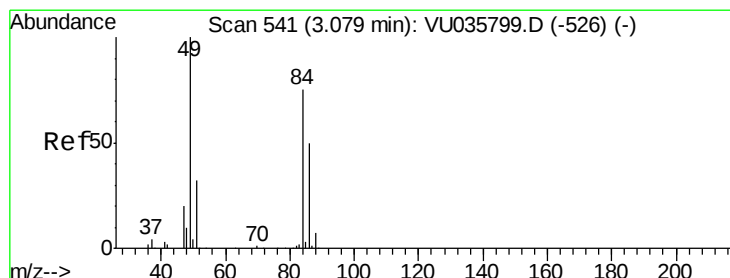


Abundance Ion 43.05 (42.75 to 43.75): VU035802.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU035802.D (-322) (-)

2.67

Time-->



#16

Methylene chloride

Concen: 0.355 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

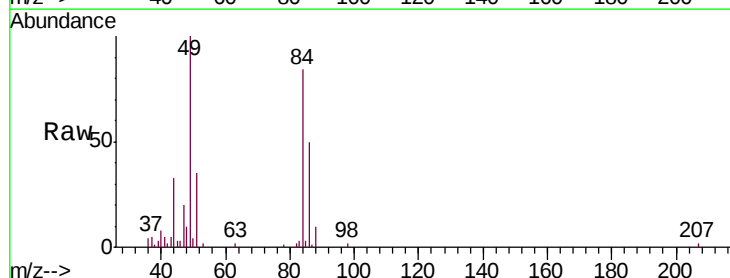
Tgt Ion: 84 Resp: 12323

Ion Ratio Lower Upper

84 100

86 59.5 44.4 82.5

49 118.7 94.0 174.6



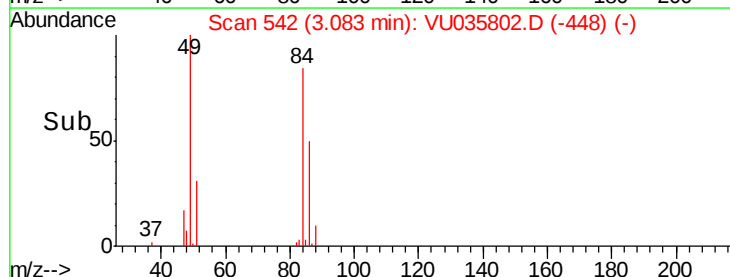
Abundance Ion 84.05 (83.75 to 84.75): VU035799.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035799.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035799.D (-526) (-)

3.08

Time-->



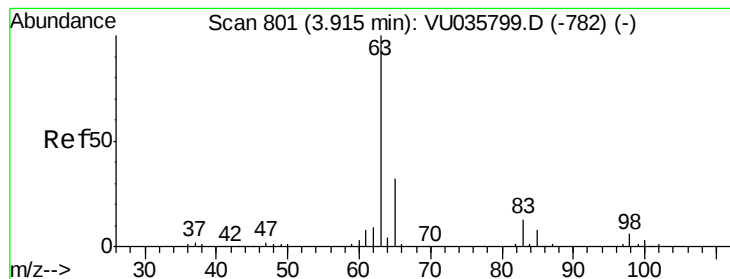
Abundance Ion 84.05 (83.75 to 84.75): VU035802.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035802.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035802.D (-448) (-)

3.08

Time-->



#19

1,1-Dichloroethane

Concen: 0.286 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

B0AA4

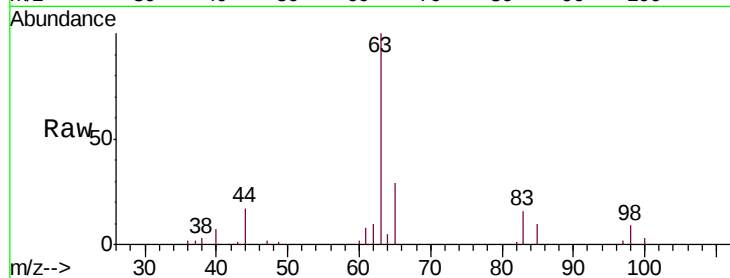
Tgt Ion: 63 Resp: 18170

Ion Ratio Lower Upper

63 100

65 29.5 21.8 40.4

83 15.6 8.6 16.0

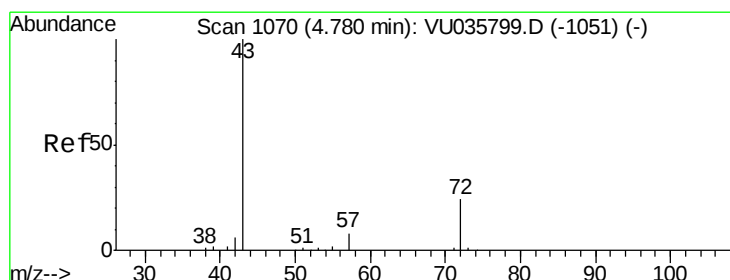
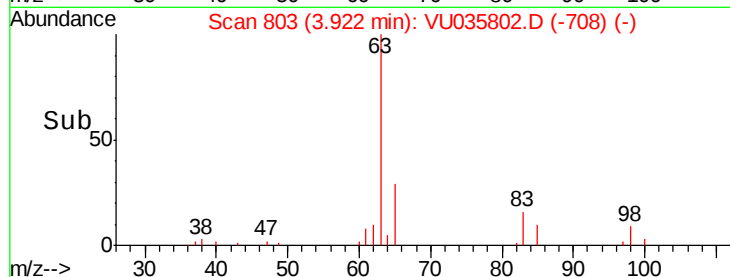


Abundance Ion 63.10 (62.80 to 63.80): VU035799.D (-782) (-)

Ion 65.10 (64.80 to 65.80): VU035799.D (-782) (-)

Ion 83.05 (82.75 to 83.75): VU035799.D (-782) (-)

Time-->



#21

2-Butanone

Concen: 10.800 ug/L

RT: 4.78 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VU035802.D

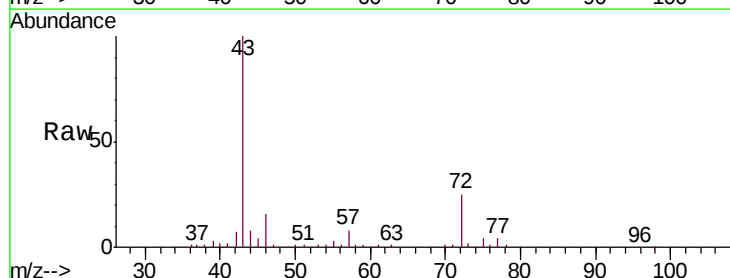
Acq: 21 Nov 2019 14:46

Tgt Ion: 43 Resp: 100303

Ion Ratio Lower Upper

43 100

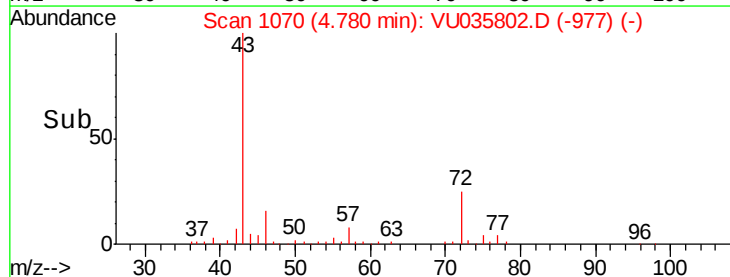
72 24.7 12.4 37.4

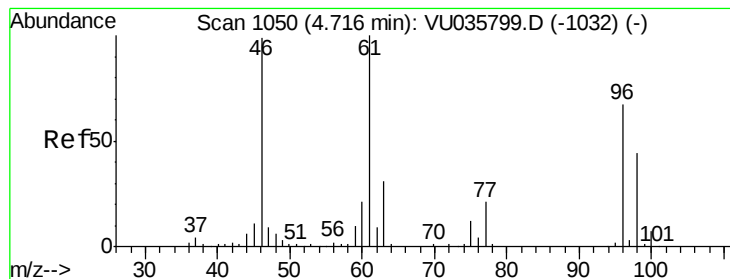


Abundance Ion 43.05 (42.75 to 43.75): VU035799.D (-1051) (-)

Ion 72.10 (71.80 to 72.80): VU035799.D (-1051) (-)

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.525 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

B0AA4

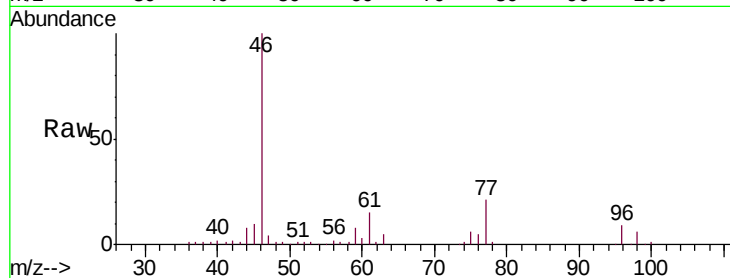
Tgt Ion: 96 Resp: 16576

Ion Ratio Lower Upper

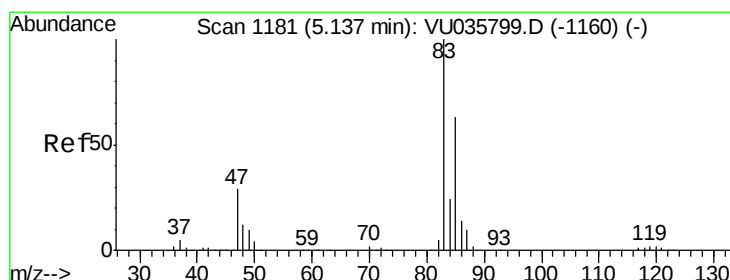
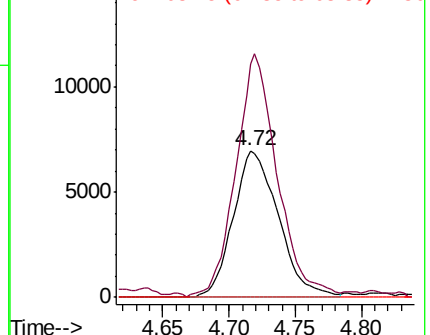
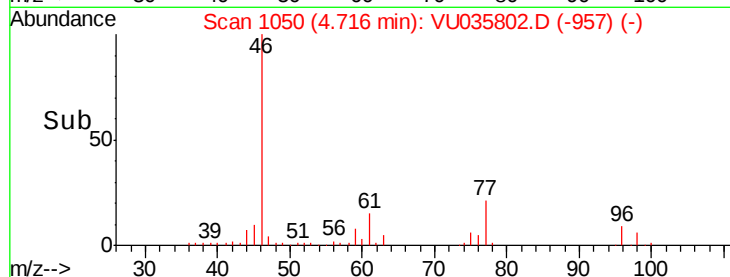
96 100

61 159.2 98.1 182.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035802.D (-957) (-)



#25

Chloroform

Concen: 0.285 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035802.D

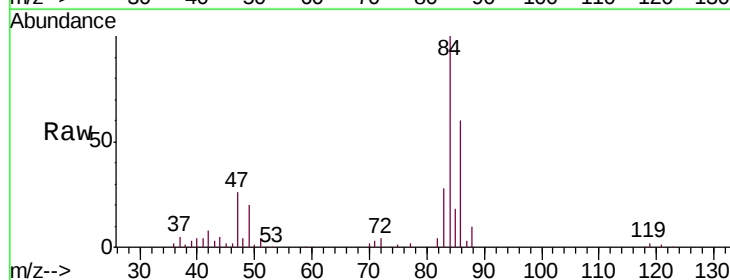
Acq: 21 Nov 2019 14:46

Tgt Ion: 83 Resp: 17630

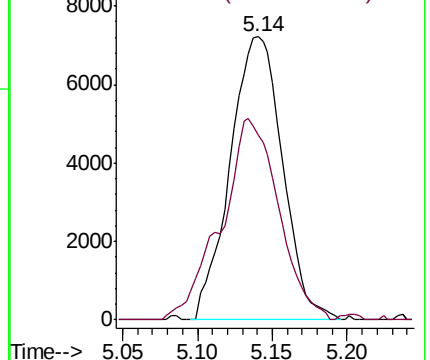
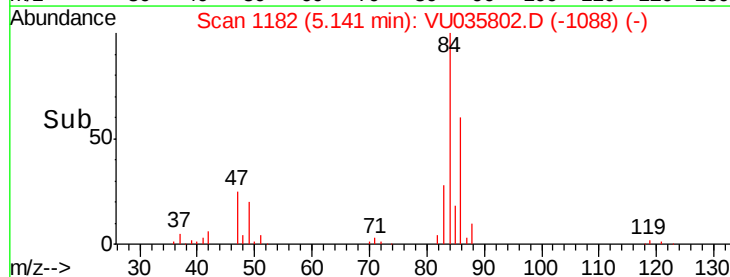
Ion Ratio Lower Upper

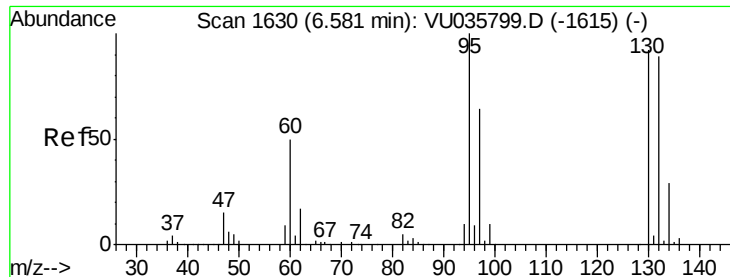
83 100

85 65.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035802.D (-1088) (-)





#34

Trichloroethene

Concen: 2.020 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

B0AA4

Tgt Ion: 95 Resp: 64037

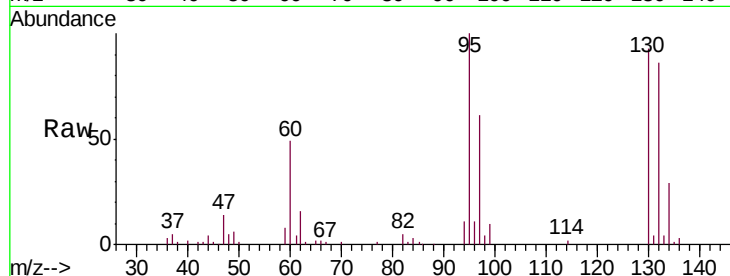
Ion Ratio Lower Upper

95 100

97 61.1 45.1 83.9

132 86.4 61.9 114.9

130 93.1 66.3 123.1

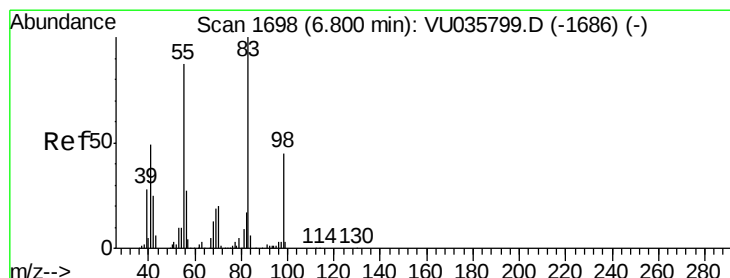
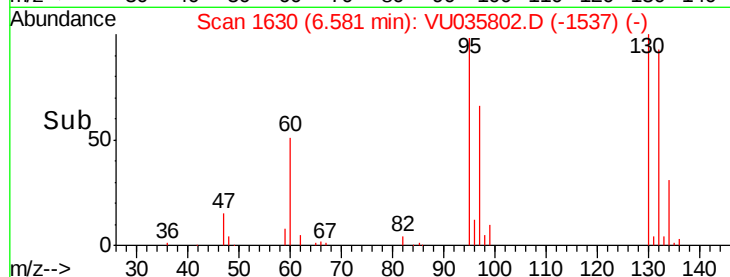
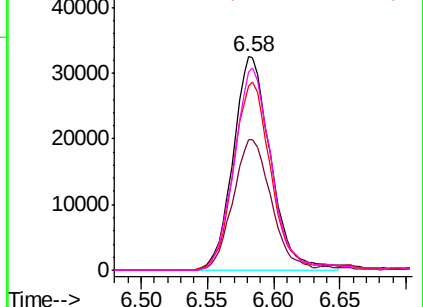


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.767 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035802.D

Acq: 21 Nov 2019 14:46

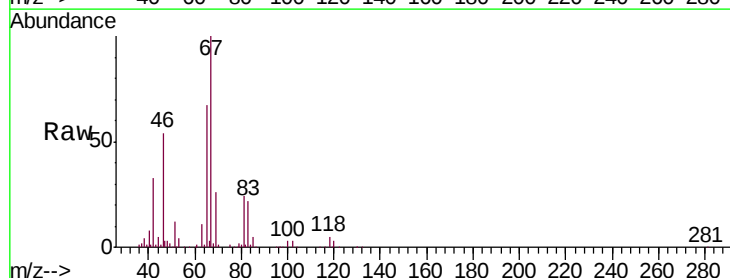
Tgt Ion: 83 Resp: 35697

Ion Ratio Lower Upper

83 100

55 0.1 72.7 109.1#

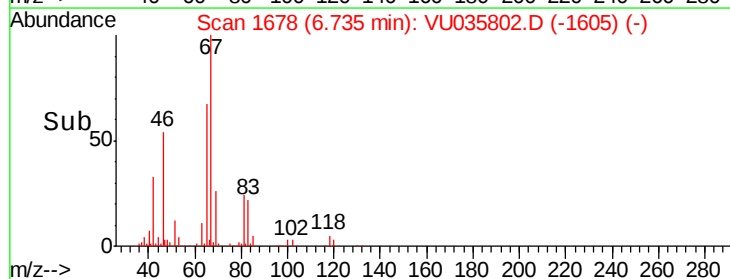
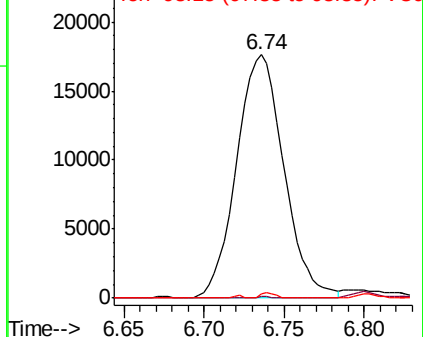
98 0.7 36.2 54.4#

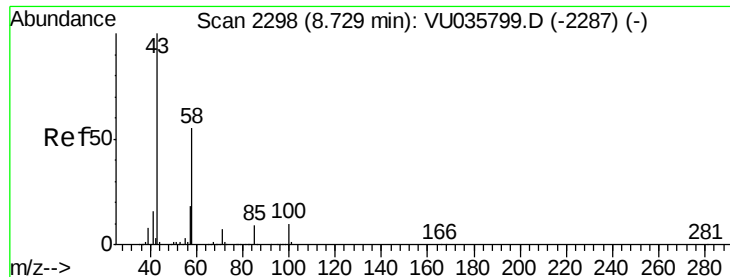


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

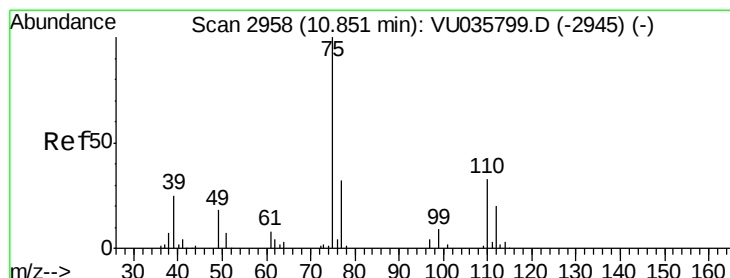
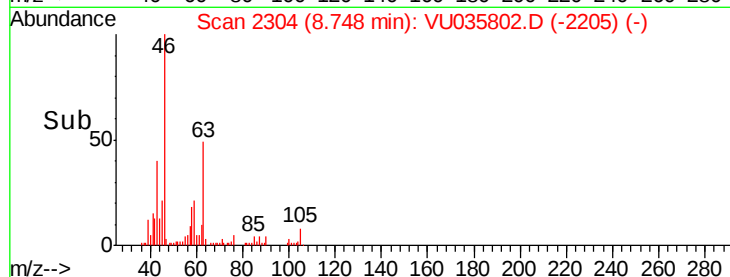
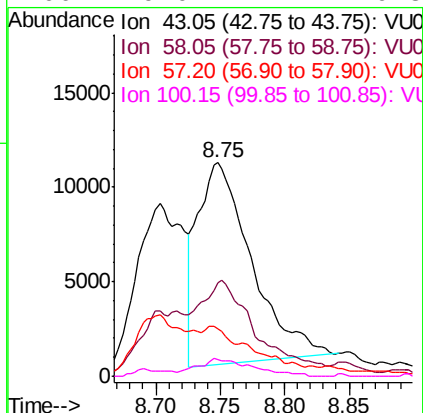
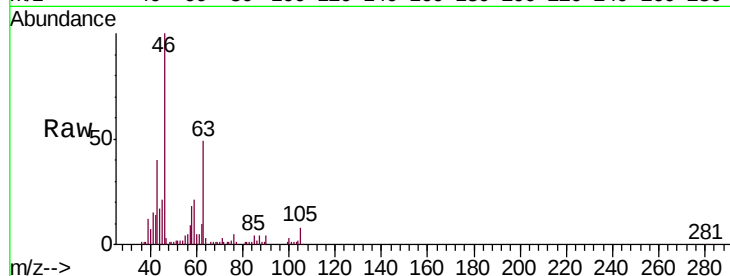




#48
 2-Hexanone
 Concen: 1.865 ug/L
 RT: 8.75 min Scan# 2304
 Delta R.T. 0.02 min
 Lab File: VU035802.D
 Acq: 21 Nov 2019 14:46

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA4

Tgt Ion:	43	Resp:	30920
Ion	Ratio	Lower	Upper
43	100		
58	51.7	39.8	59.8
57	20.2	14.0	21.0
100	9.0	7.2	10.8



#59
 1,2,3-Trichloropropane
 Concen: 0.603 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 1.00 min
 Lab File: VU035802.D
 Acq: 21 Nov 2019 14:46

Tgt Ion:	75	Resp:	14381
Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.4	38.2

