

Data File : VU031487.D
Acq On : 24 Apr 2019 21:58
Operator : JC/SP
Sample : K2536-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X90

Quant Time: Apr 25 06:12:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	292582	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125988	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.68	69	94108	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.27	63	184117	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.20	46	351477	55.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.94%
24) Chloroform-d	4.64	84	209803	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	5.31	65	118888	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	412246	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.33	67	143189	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.56	98	332455	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	44791	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.31	63	230181	46.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110864	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	107754	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

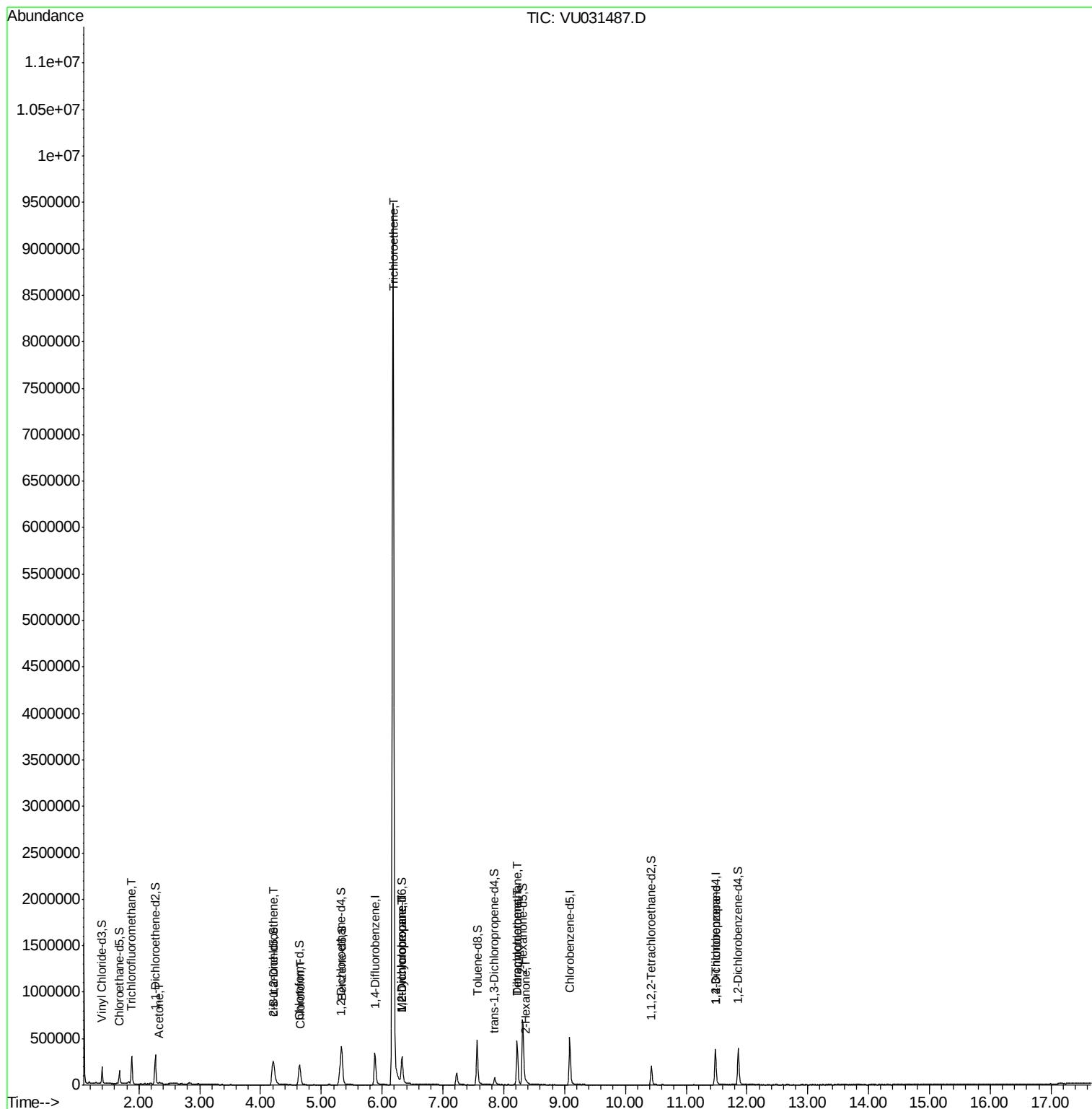
					Qvalue
9) Trichlorofluoromethane	1.88	101	181301	5.156	ug/L 100
13) Acetone	2.34	43	12978	2.908	ug/L 78
22) cis-1,2-Dichloroethene	4.22	96	57198	2.582	ug/L 100
25) Chloroform	4.67	83	15270	0.404	ug/L 98
34) Trichloroethene	6.18	95	3478231	148.353	ug/L 97
35) Methylcyclohexane	6.33	83	30908	0.891	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	15259	0.640	ug/L # 90
47) Tetrachloroethene	8.22	164	106024	6.472	ug/L 98
48) 2-Hexanone	8.37	43	14648	1.280	ug/L # 82
49) Dibromochloromethane	8.22	129	106666	5.859	ug/L # 9
59) 1,2,3-Trichloropropane	11.48	75	13635	0.908	ug/L # 87

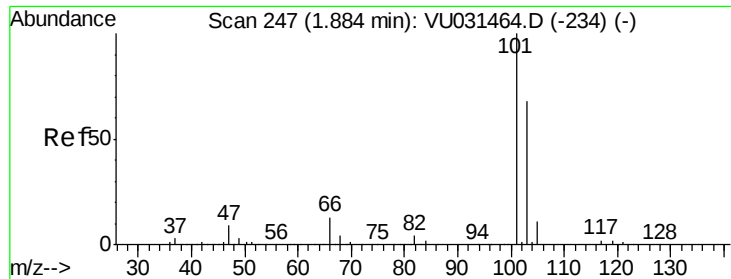
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 5.156 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 24 Apr 2019 21:58

Instrument :

MSVOA_U

ClientSampleId :

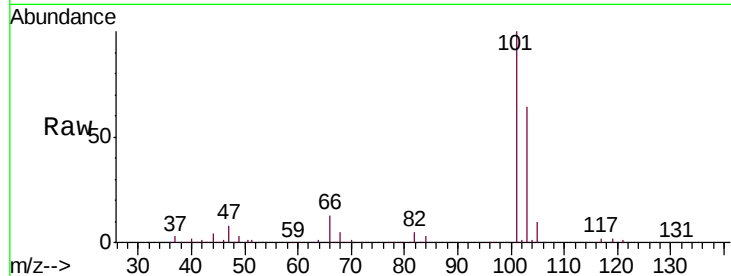
C0X90

Tgt Ion:101 Resp: 181301

Ion Ratio Lower Upper

101 100

103 65.9 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150000

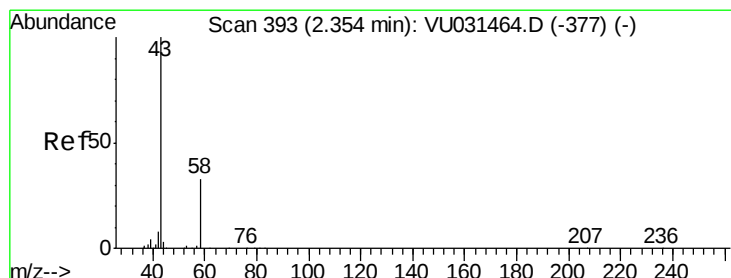
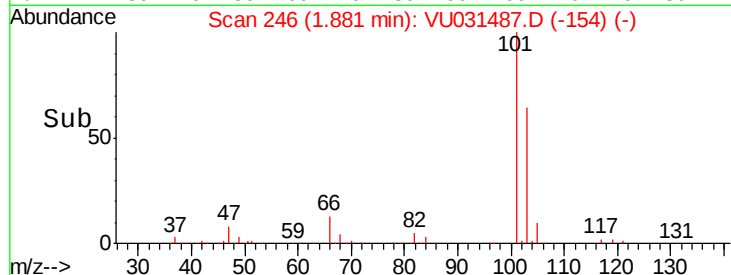
100000

50000

0

1.88

Time-->



#13

Acetone

Concen: 2.908 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU031487.D

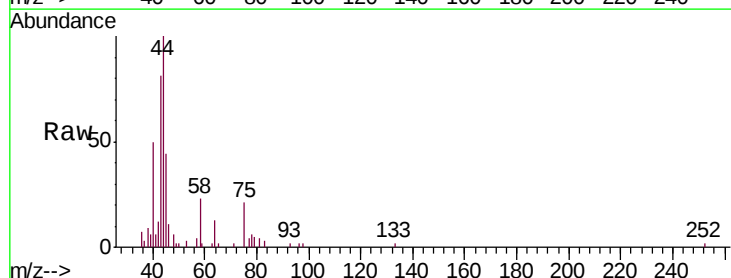
Acq: 24 Apr 2019 21:58

Tgt Ion: 43 Resp: 12978

Ion Ratio Lower Upper

43 100

58 19.1 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

6000

5000

4000

3000

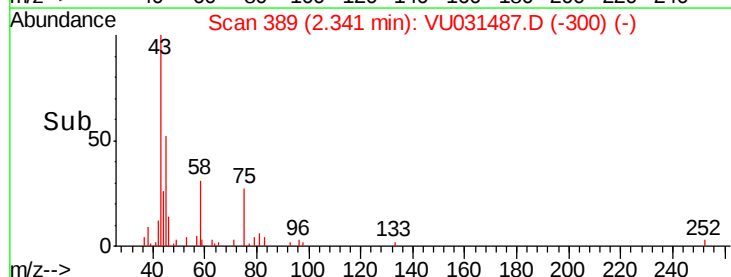
2000

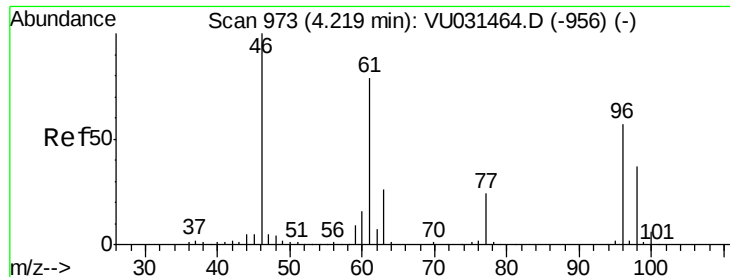
1000

0

2.34

Time-->



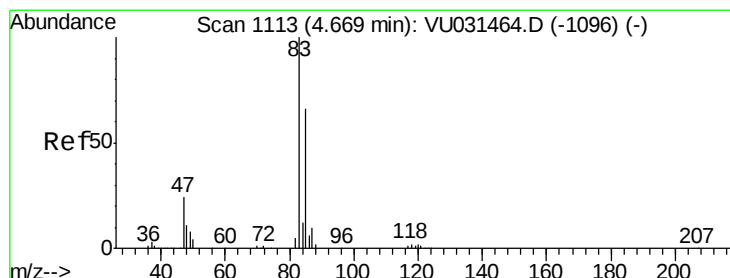
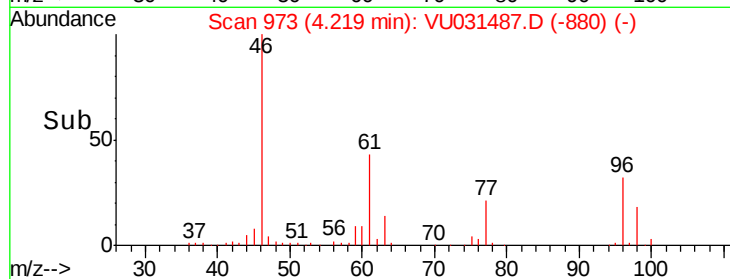
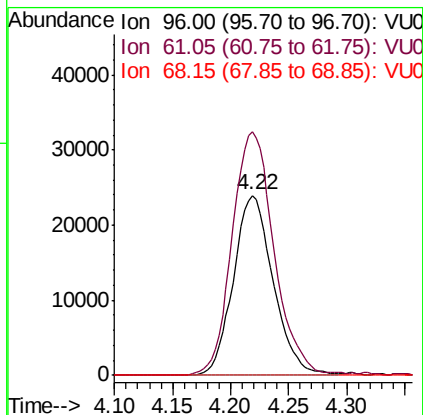
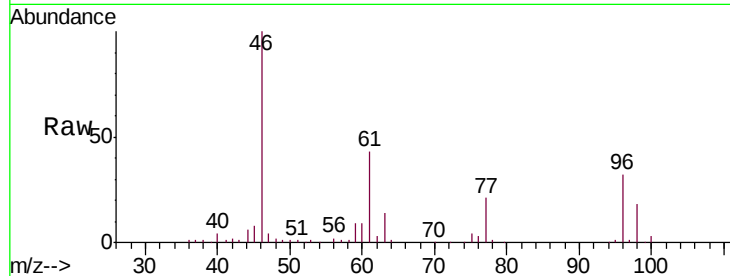


#22

cis-1,2-Dichloroethene
 Concen: 2.582 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031487.D
 Acq: 24 Apr 2019 21:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X90

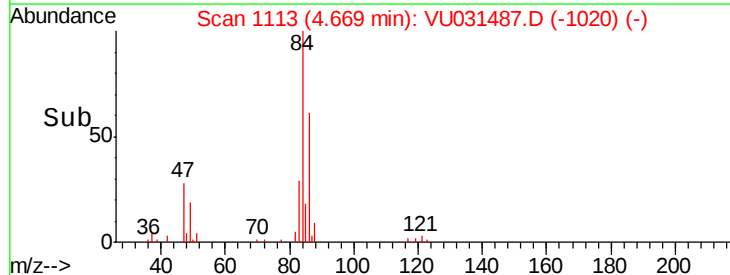
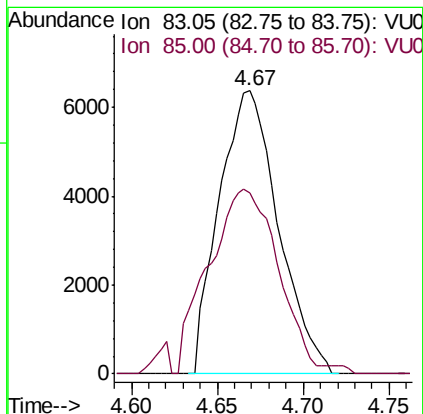
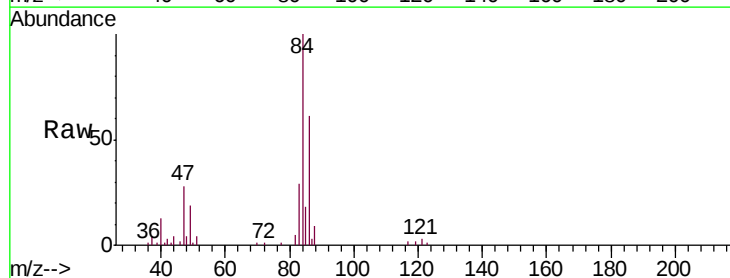
Tgt Ion: 96 Resp: 57198
 Ion Ratio Lower Upper
 96 100
 61 135.2 94.8 176.2
 68 0.0 0.0 0.0

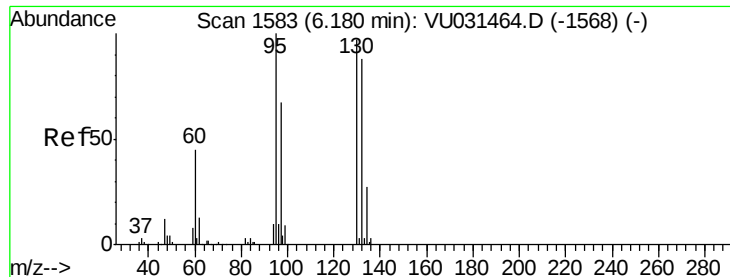


#25

Chloroform
 Concen: 0.404 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VU031487.D
 Acq: 24 Apr 2019 21:58

Tgt Ion: 83 Resp: 15270
 Ion Ratio Lower Upper
 83 100
 85 63.8 46.0 85.4





#34

Trichloroethene

Concen: 148.353 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031487.D

Acq: 24 Apr 2019 21:58

Instrument :

MSVOA_U

ClientSampleId :

C0X90

Tgt Ion: 95 Resp: 3478231

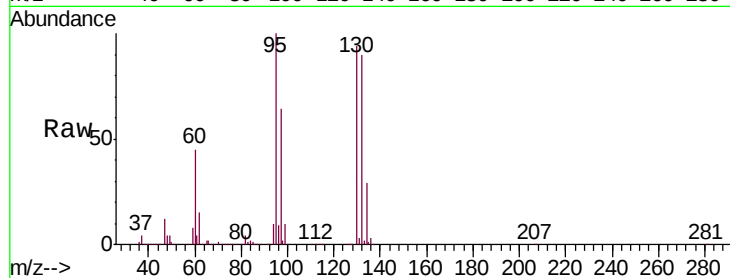
Ion Ratio Lower Upper

95 100

97 64.1 44.3 82.3

132 90.2 59.9 111.3

130 93.9 67.1 124.5

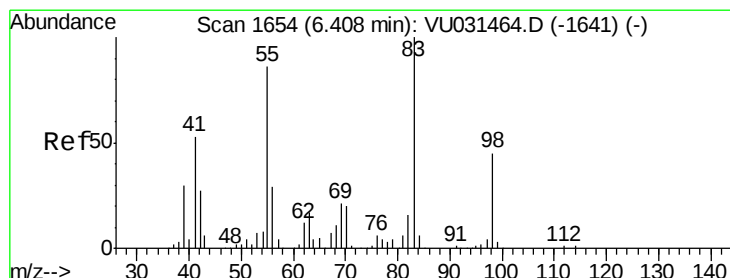
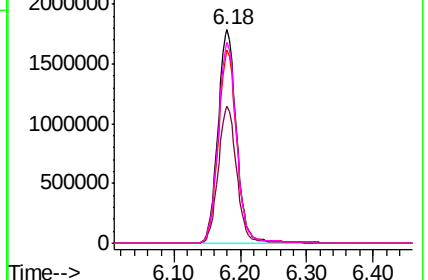
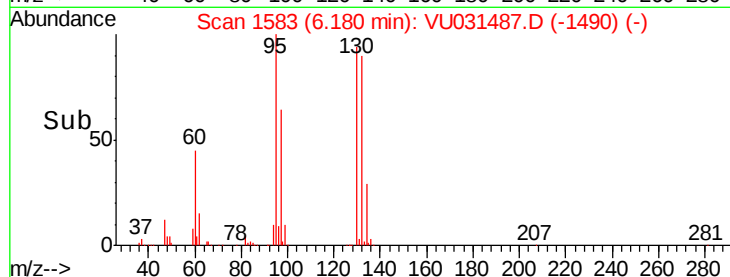


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.891 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031487.D

Acq: 24 Apr 2019 21:58

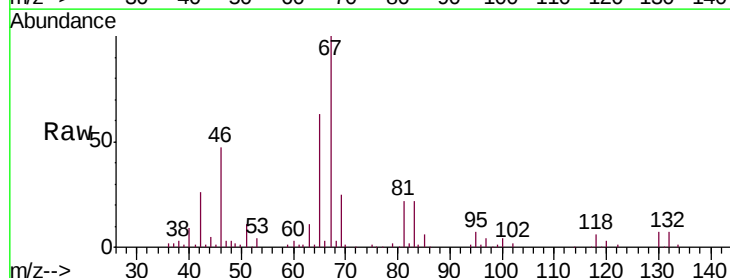
Tgt Ion: 83 Resp: 30908

Ion Ratio Lower Upper

83 100

55 0.6 71.1 106.7#

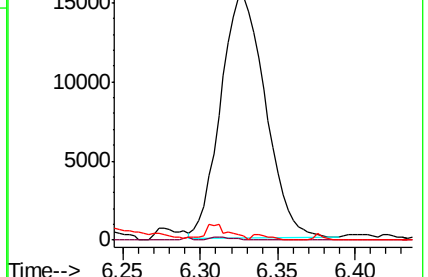
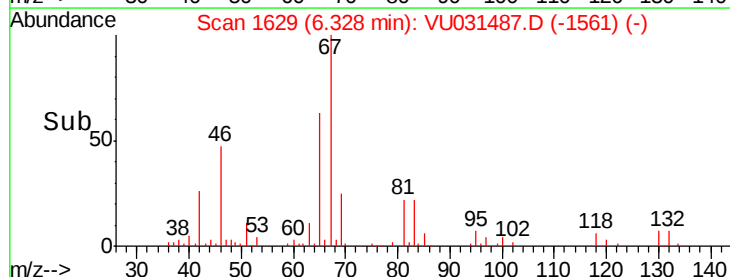
98 0.0 36.6 54.8#

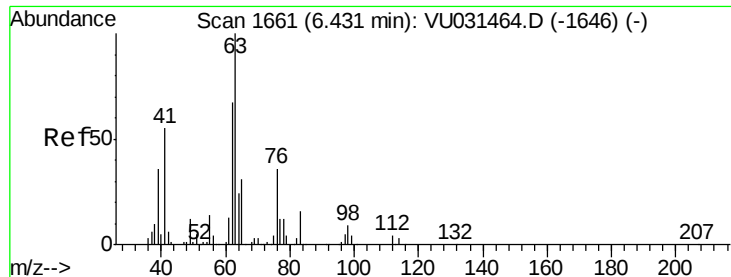


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031487.D

Acq: 24 Apr 2019 21:58

Instrument :

MSVOA_U

ClientSampleId :

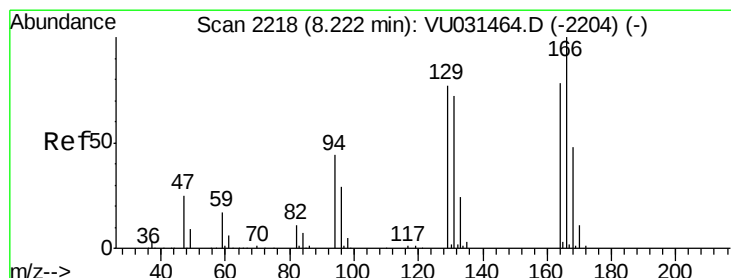
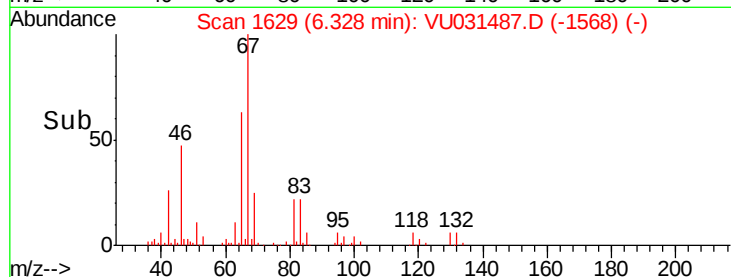
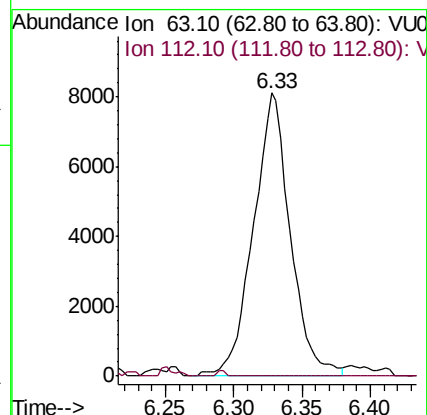
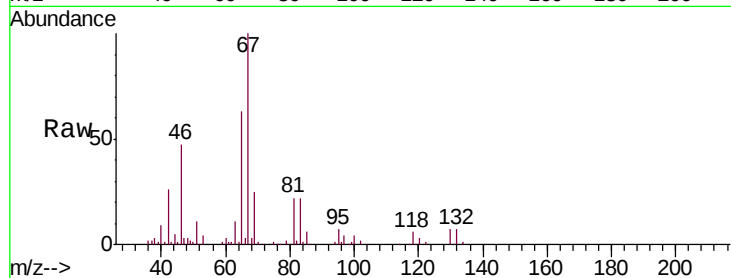
C0X90

Tgt Ion: 63 Resp: 15259

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



#47

Tetrachloroethene

Concen: 6.472 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031487.D

Acq: 24 Apr 2019 21:58

Tgt Ion: 164 Resp: 106024

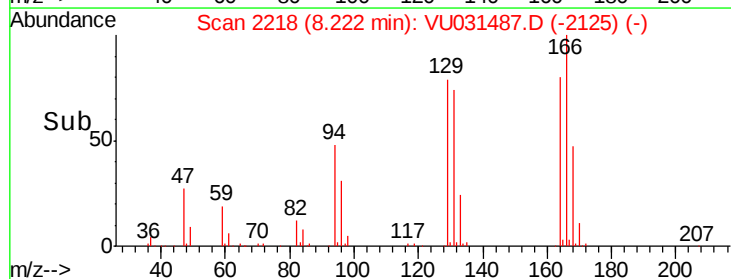
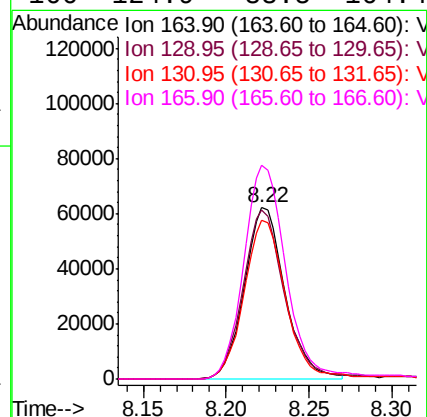
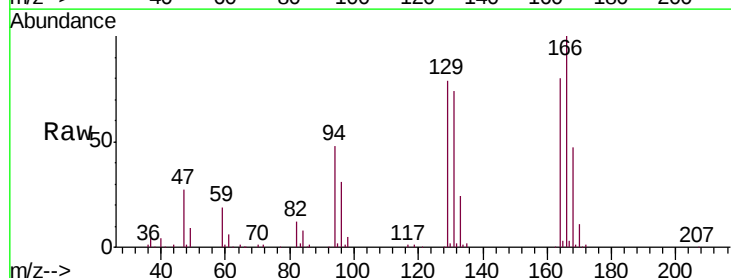
Ion Ratio Lower Upper

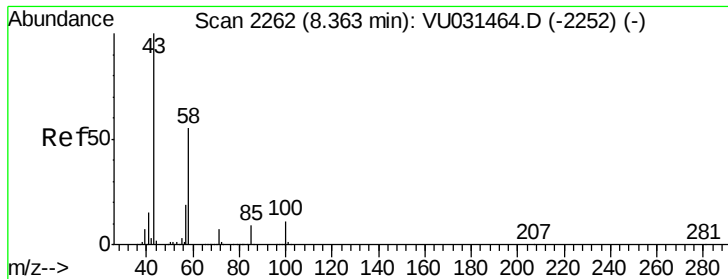
164 100

129 98.9 67.5 125.3

131 92.7 64.0 119.0

166 124.9 88.5 164.4

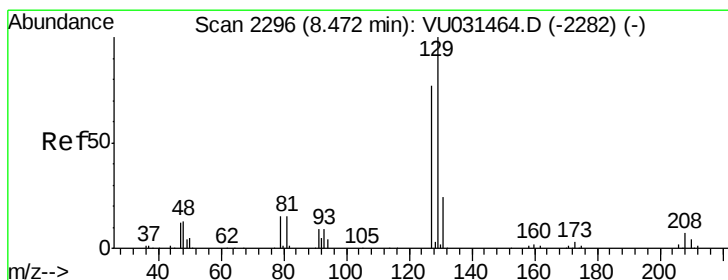
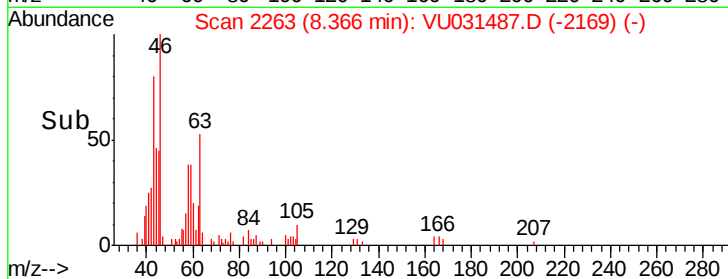
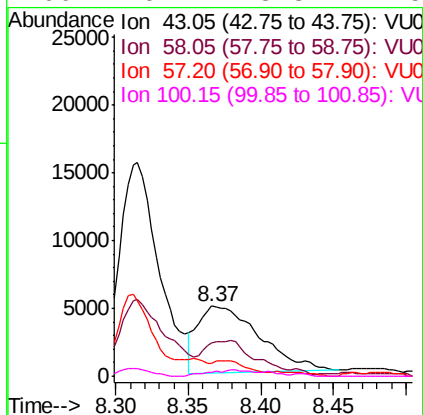
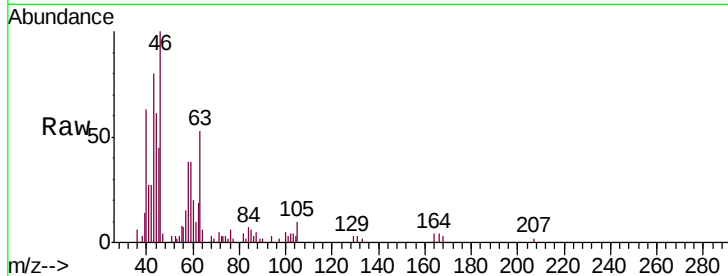




#48
2-Hexanone
Concen: 1.280 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031487.D
Acq: 24 Apr 2019 21:58

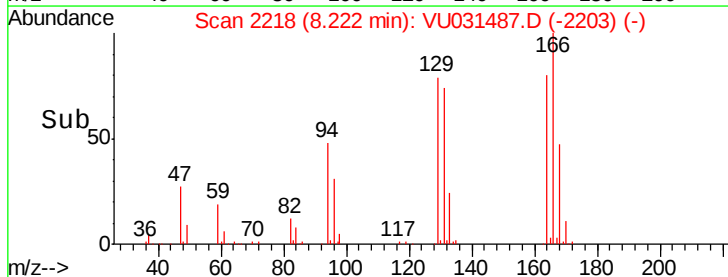
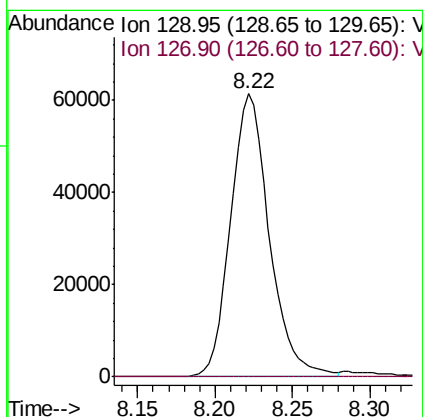
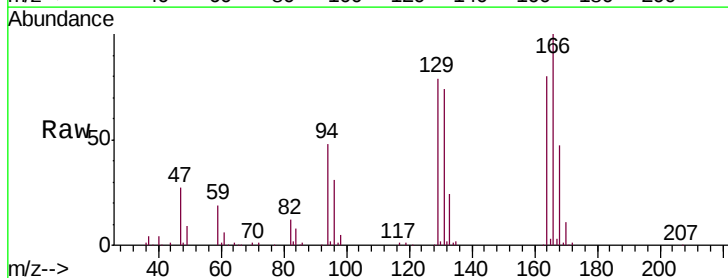
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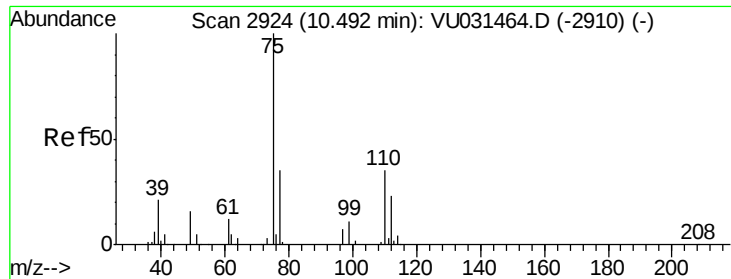
Tgt Ion: 43 Resp: 14648
Ion Ratio Lower Upper
43 100
58 43.5 44.6 67.0#
57 7.8 15.3 22.9#
100 6.7 8.3 12.5#



#49
Dibromochloromethane
Concen: 5.859 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU031487.D
Acq: 24 Apr 2019 21:58

Tgt Ion: 129 Resp: 106666
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.0#





#59

1,2,3-Trichloropropane

Concen: 0.908 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031487.D

Acq: 24 Apr 2019 21:58

Instrument :

MSVOA_U

ClientSampleId :

C0X90

Tgt Ion: 75 Resp: 13635

Ion Ratio Lower Upper

75 100

77 39.5 25.7 38.5#

