

Data File : VU031497.D
Acq On : 25 Apr 2019 11:20
Operator : JC/SP
Sample : K2536-11RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XE1

Quant Time: Apr 26 01:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	275151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116072	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.68	69	95785	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.27	63	169921	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.21	46	369937	62.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.28%
24) Chloroform-d	4.64	84	203539	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.31	65	116081	6.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.00%
32) Benzene-d6	5.33	84	387794	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.33	67	131975	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.56	98	300243	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	44802	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.31	63	224291	45.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109058	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	104621	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

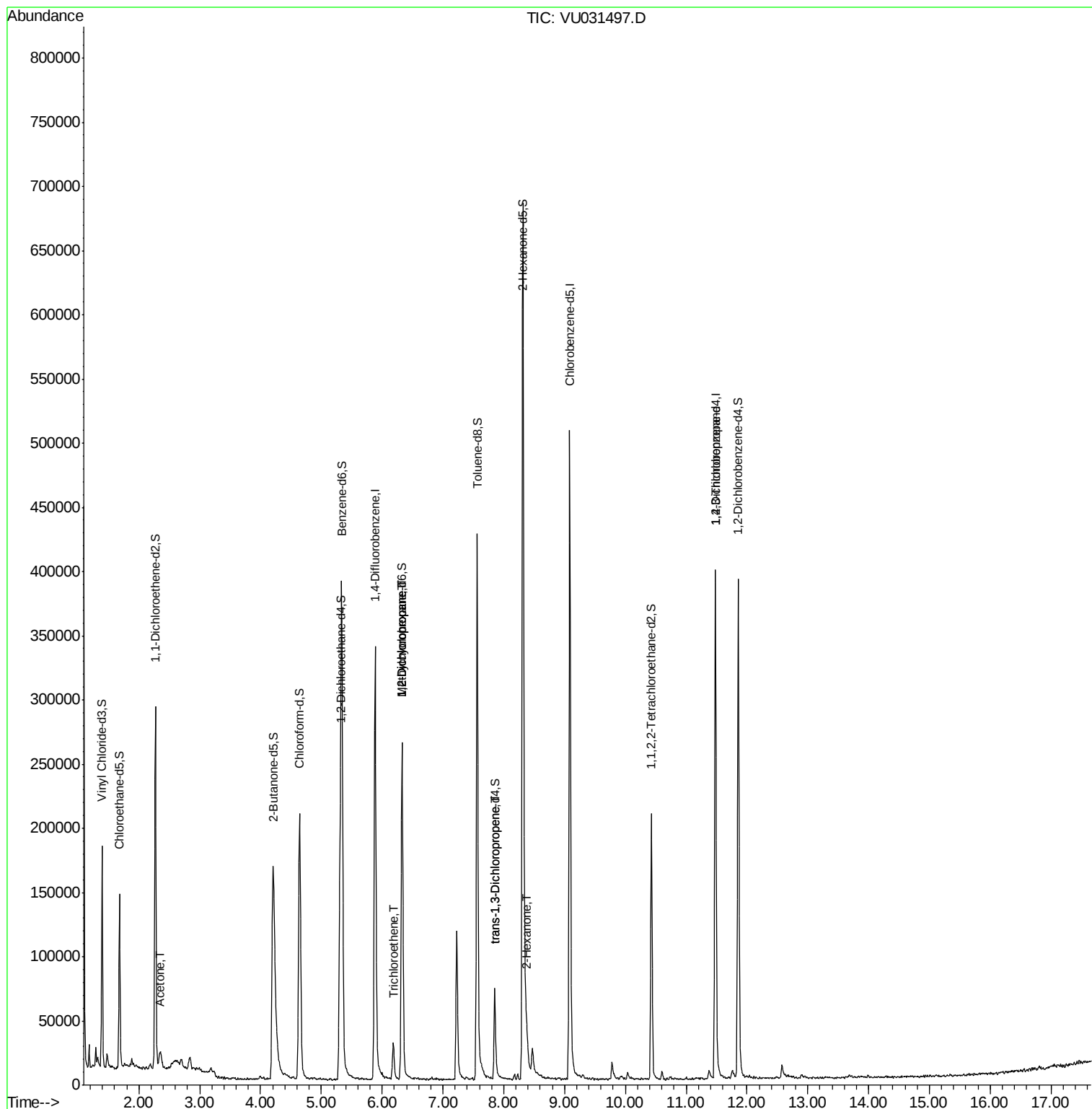
					Qvalue
13) Acetone	2.35	43	15666	3.733 ug/L	94
34) Trichloroethene	6.19	95	10408	0.444 ug/L	94
35) Methylcyclohexane	6.32	83	30091	0.868 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	14364	0.603 ug/L #	89
44) trans-1,3-Dichloropropene	7.86	75	2073	0.081 ug/L #	71
48) 2-Hexanone	8.38	43	25798	2.257 ug/L #	81
59) 1,2,3-Trichloropropane	11.49	75	13260	0.884 ug/L	90

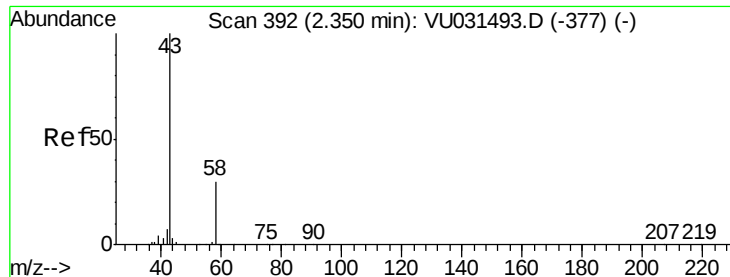
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.733 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

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Acq: 25 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

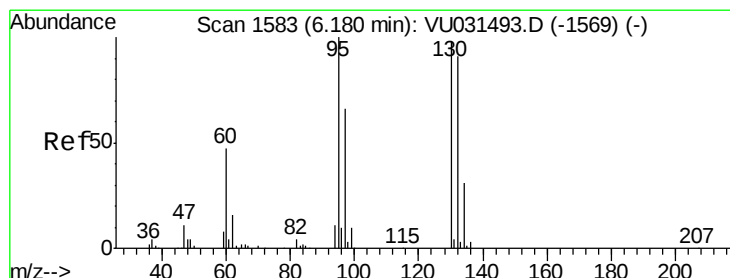
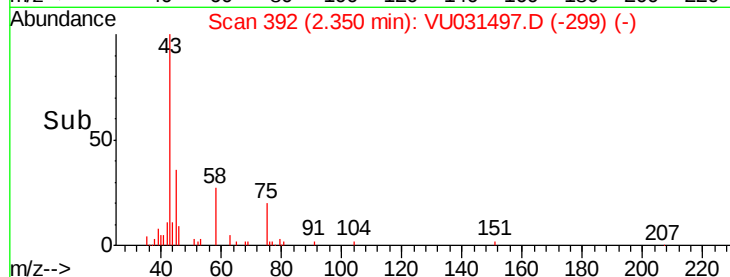
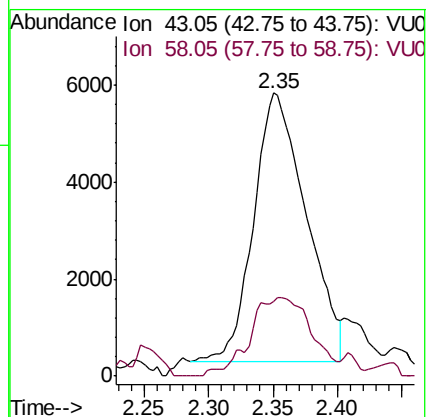
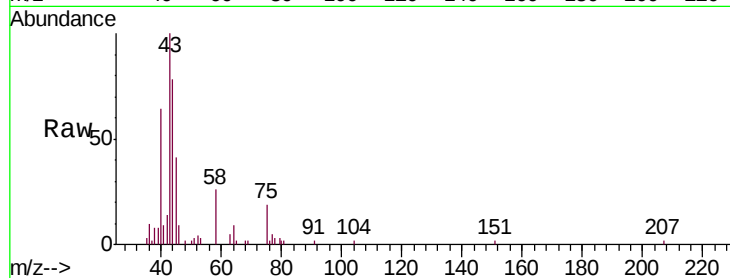
C0XE1

Tgt Ion: 43 Resp: 15666

Ion Ratio Lower Upper

43 100

58 34.6 0.0 62.4



#34

Trichloroethene

Concen: 0.444 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031497.D

Acq: 25 Apr 2019 11:20

Tgt Ion: 95 Resp: 10408

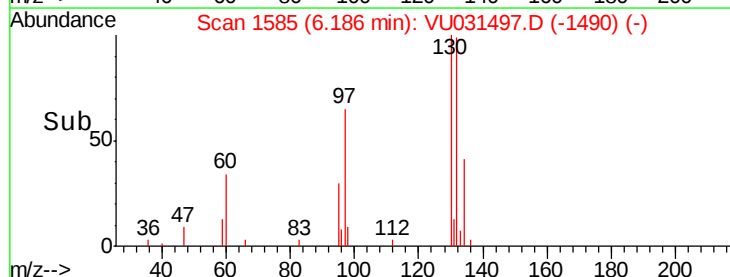
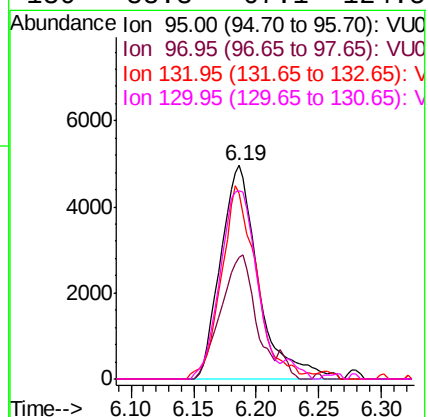
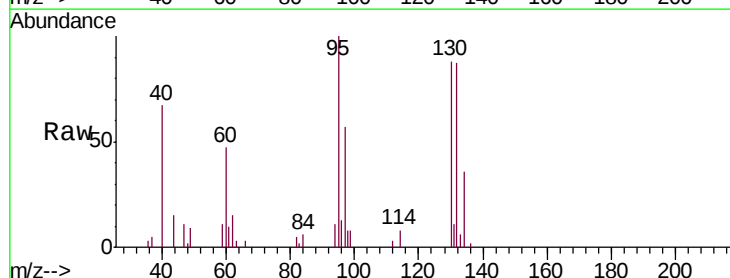
Ion Ratio Lower Upper

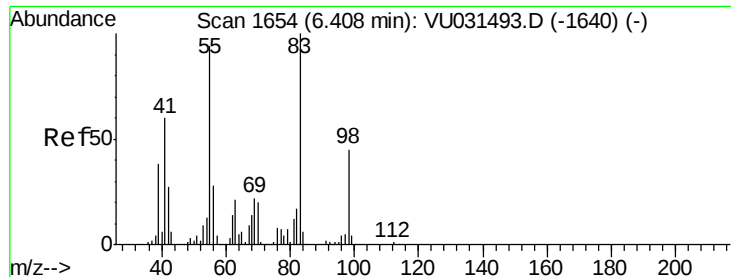
95 100

97 57.2 44.3 82.3

132 87.1 59.9 111.3

130 88.3 67.1 124.5





#35

Methylcyclohexane

Concen: 0.868 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031497.D

Acq: 25 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

C0XE1

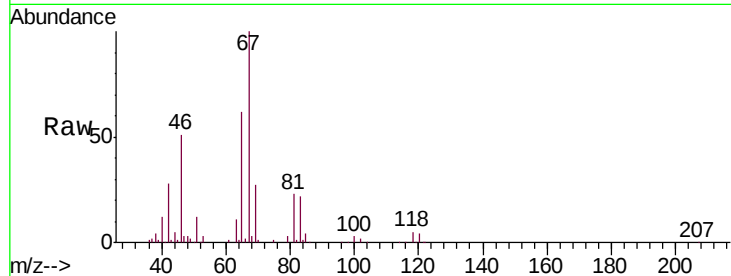
Tgt Ion: 83 Resp: 30091

Ion Ratio Lower Upper

83 100

55 0.3 71.1 106.7#

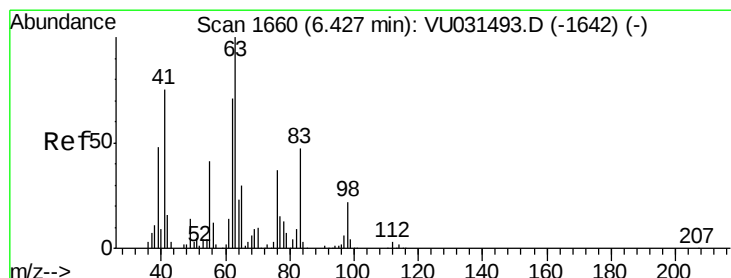
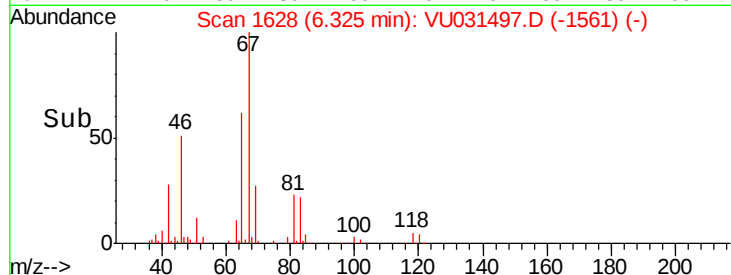
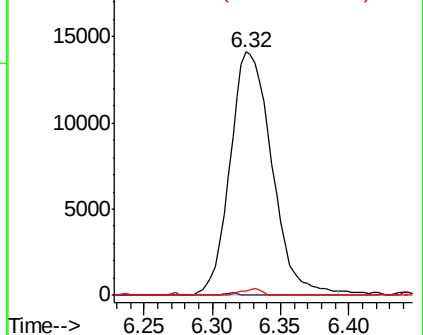
98 1.2 36.6 54.8#



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: 0.603 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031497.D

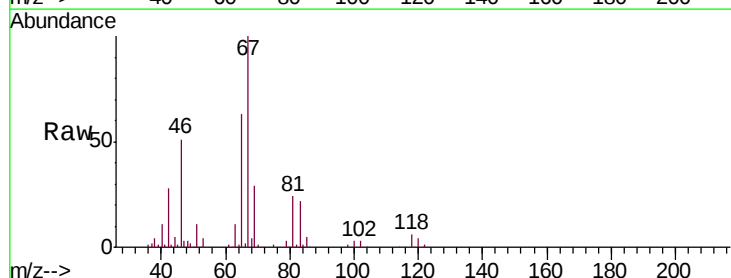
Acq: 25 Apr 2019 11:20

Tgt Ion: 63 Resp: 14364

Ion Ratio Lower Upper

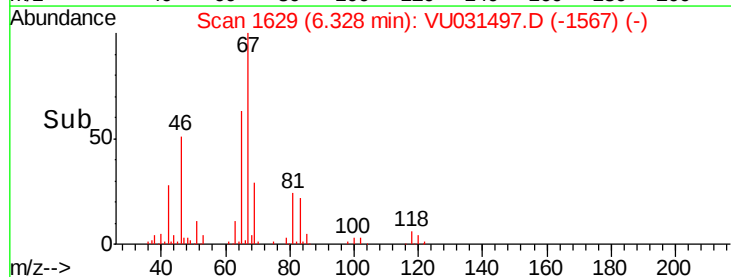
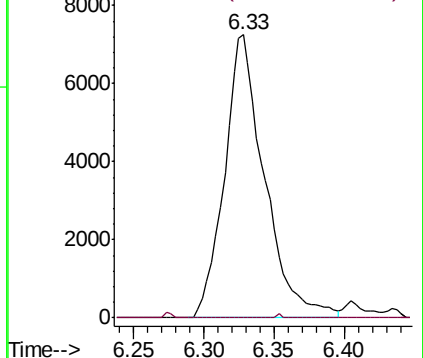
63 100

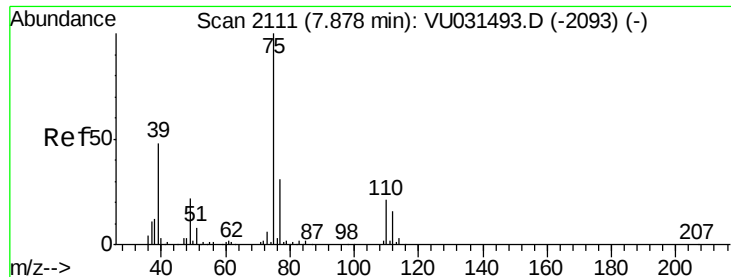
112 0.1 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU031497.D

Acq: 25 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampled :

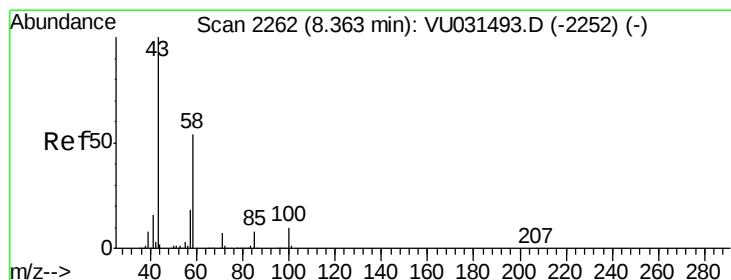
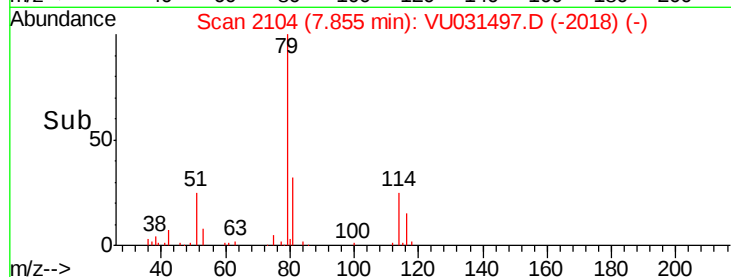
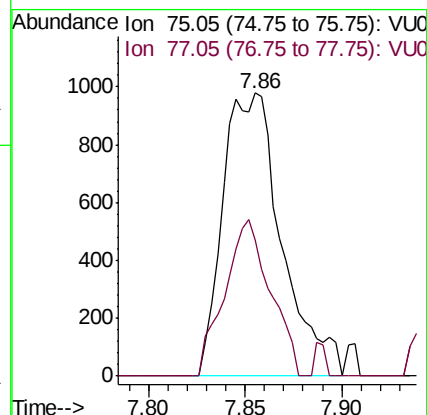
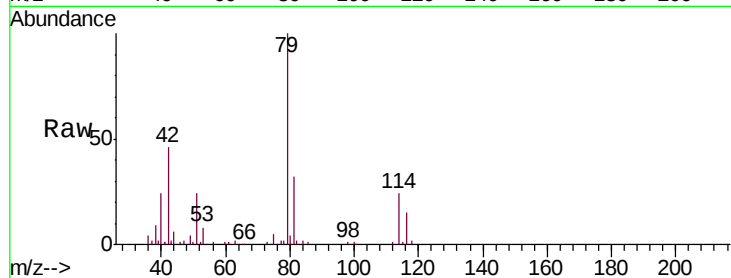
C0XE1

Tgt Ion: 75 Resp: 2073

Ion Ratio Lower Upper

75 100

77 48.3 22.5 41.7#



#48

2-Hexanone

Concen: 2.257 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.02 min

Lab File: VU031497.D

Acq: 25 Apr 2019 11:20

Tgt Ion: 43 Resp: 25798

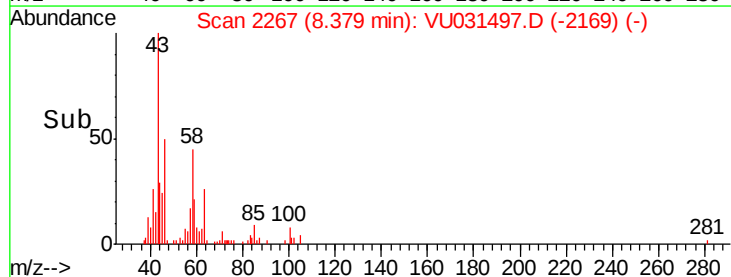
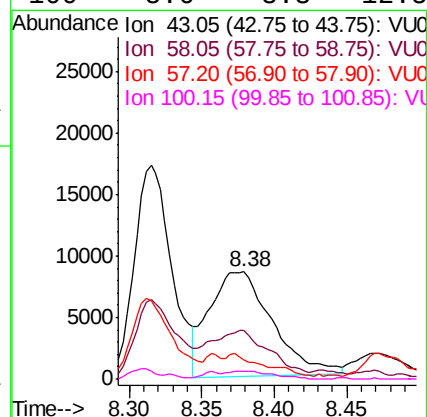
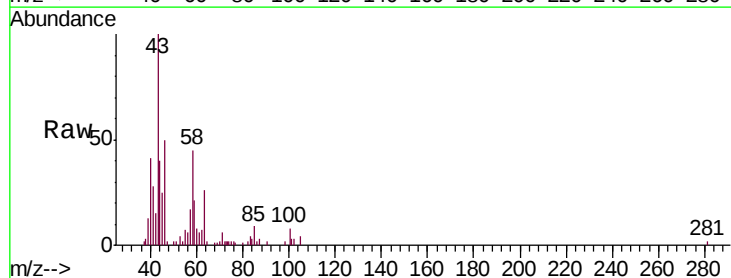
Ion Ratio Lower Upper

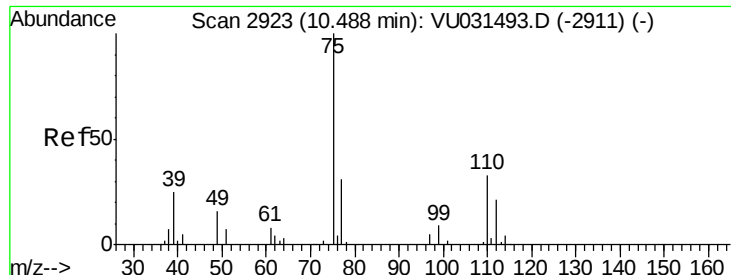
43 100

58 44.5 44.6 67.0#

57 4.7 15.3 22.9#

100 5.6 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.884 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU031497.D

Acq: 25 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

C0XE1

Tgt Ion: 75 Resp: 13260

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5

