

Data File : VU033457.D
Acq On : 26 Jul 2019 16:42
Operator : JC/SP
Sample : K3976-06DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CC3DL

Quant Time: Jul 27 02:02:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	262362	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	271211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	105980	53.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.72%
7) Chloroethane-d5	1.67	69	97144	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.50%
11) 1,1-Dichloroethene-d2	2.25	63	136216	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
21) 2-Butanone-d5	4.15	46	145050	115.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.26%
24) Chloroform-d	4.62	84	172482	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	5.29	65	121611	56.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.94%
32) Benzene-d6	5.32	84	365837	54.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.98%
36) 1,2-Dichloropropane-d6	6.31	67	120267	56.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.86%
41) Toluene-d8	7.55	98	322261	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%
43) trans-1,3-Dichloropropene-	7.83	79	52075	49.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.66%
47) 2-Hexanone-d5	8.29	63	99196	103.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	175452	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	122084	59.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.56%

Target Compounds

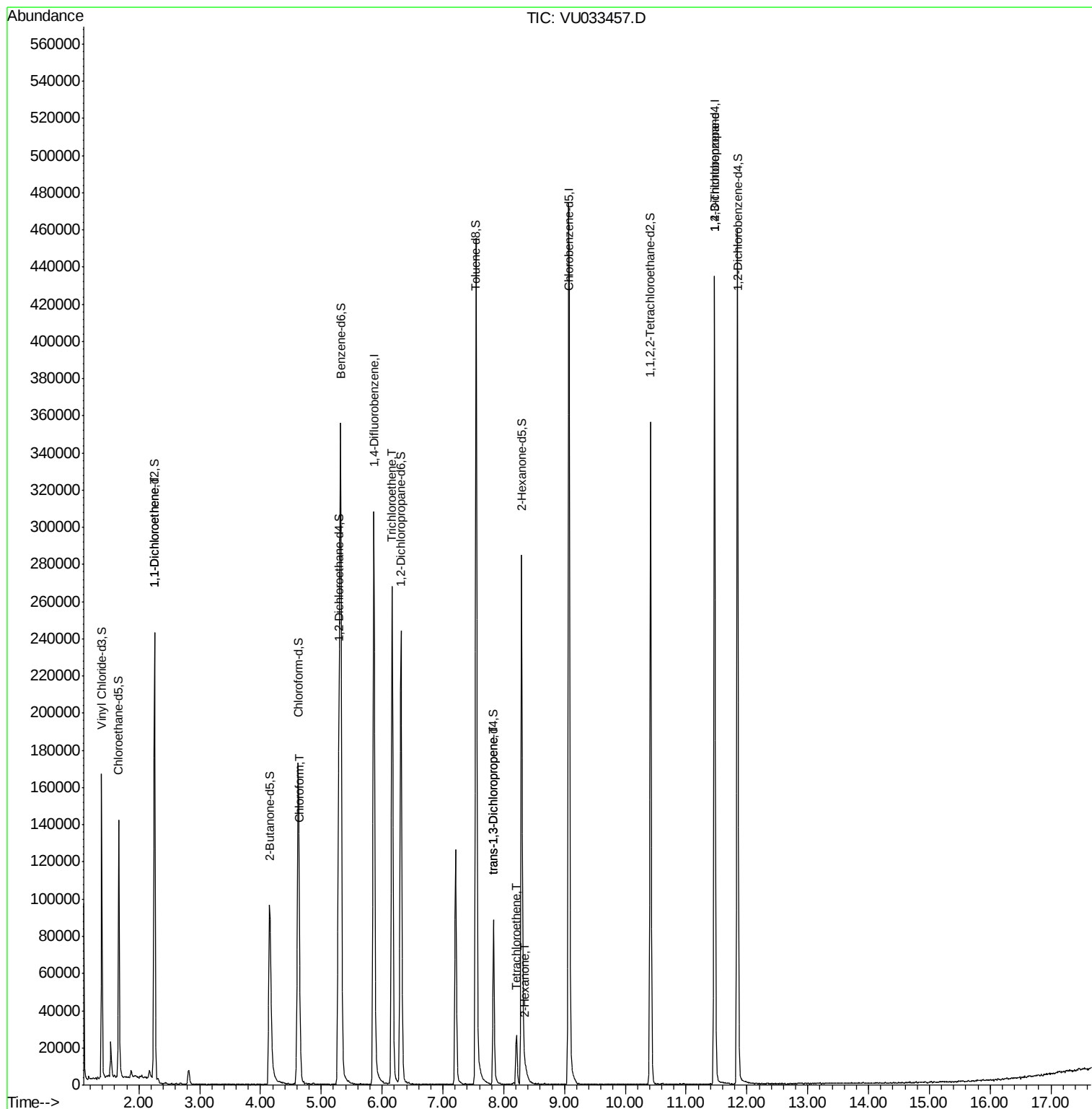
					Qvalue
12) 1,1-Dichloroethene	2.25	96	966	0.552 ug/L #	1
25) Chloroform	4.65	83	13146	3.553 ug/L	90
34) Trichloroethene	6.16	95	94465	45.669 ug/L	98
44) trans-1,3-Dichloropropene	7.83	75	2009	0.677 ug/L	88
46) Tetrachloroethene	8.21	164	5881	3.673 ug/L	92
48) 2-Hexanone	8.36	43	5230	2.231 ug/L #	46
59) 1,2,3-Trichloropropane	11.47	75	14233	5.097 ug/L	97

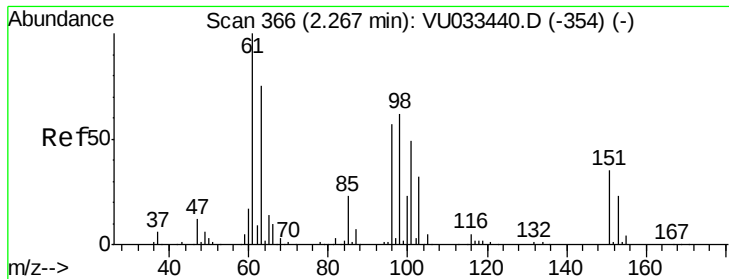
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.552 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

C0CC3DL

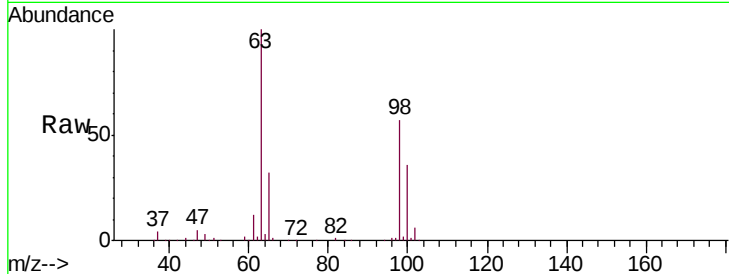
Tgt Ion: 96 Resp: 966

Ion Ratio Lower Upper

96 100

61 1778.9 126.1 234.1#

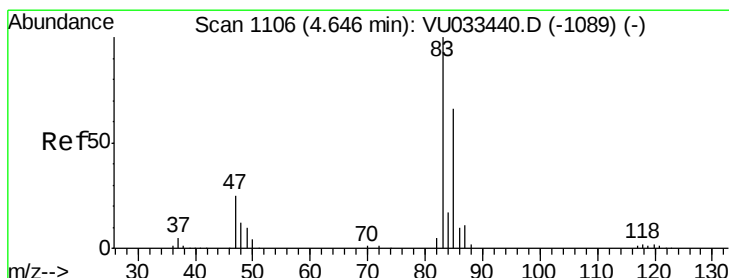
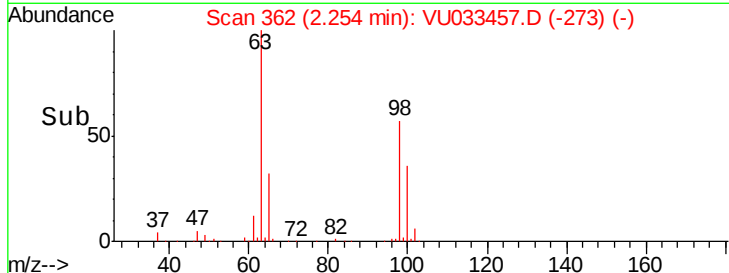
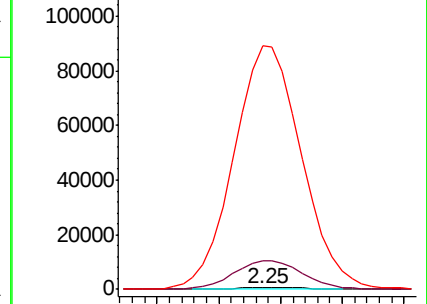
63 14955.7 96.8 179.8#



Abundance Ion 96.00 (95.70 to 96.70): VU033440.D (-354) (-)

Ion 61.00 (60.70 to 61.70): VU033440.D (-354) (-)

Ion 63.00 (62.70 to 63.70): VU033440.D (-354) (-)



#25

Chloroform

Concen: 3.553 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033457.D

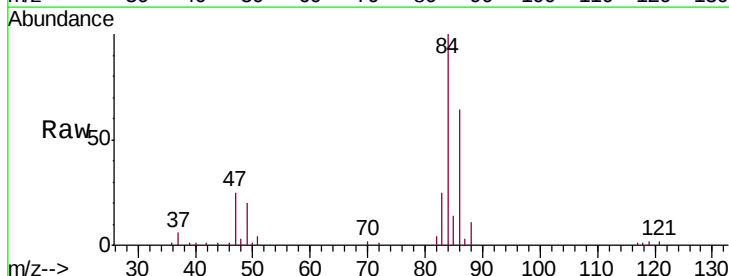
Acq: 26 Jul 2019 16:42

Tgt Ion: 83 Resp: 13146

Ion Ratio Lower Upper

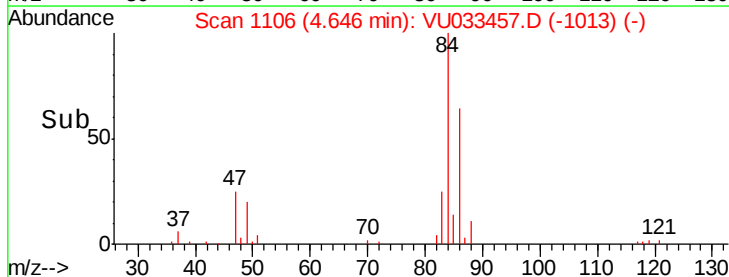
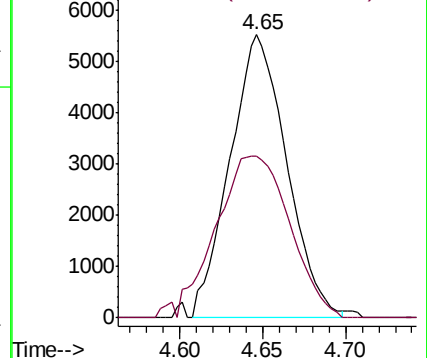
83 100

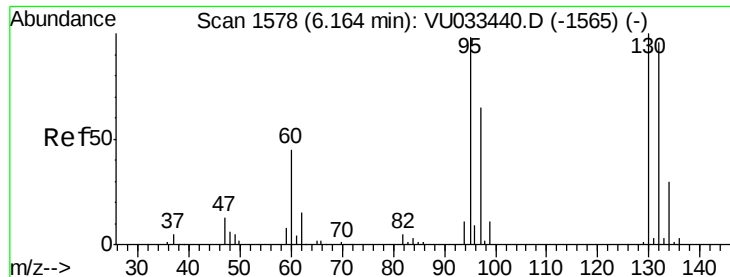
85 57.0 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033440.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033440.D (-1089) (-)





#34

Trichloroethene

Concen: 45.669 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033457.D

Acq: 26 Jul 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

C0CC3DL

Tgt Ion: 95 Resp: 94465

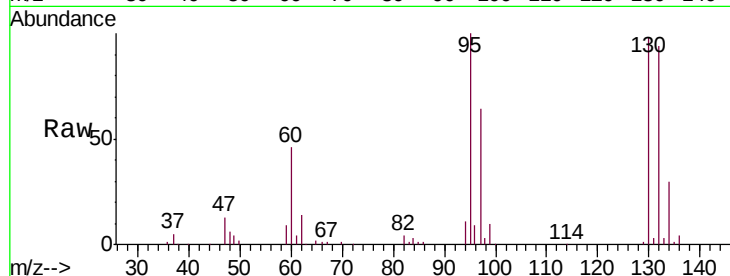
Ion Ratio Lower Upper

95 100

97 64.4 43.8 81.4

132 94.5 65.5 121.6

130 98.1 69.7 129.5

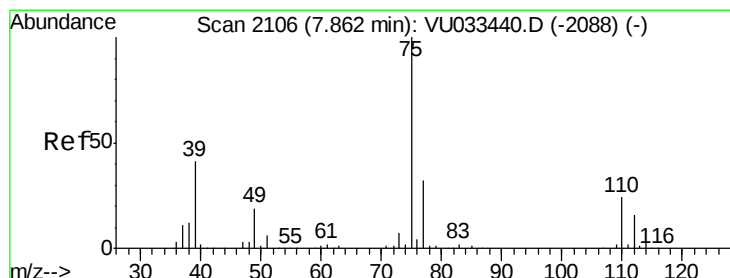
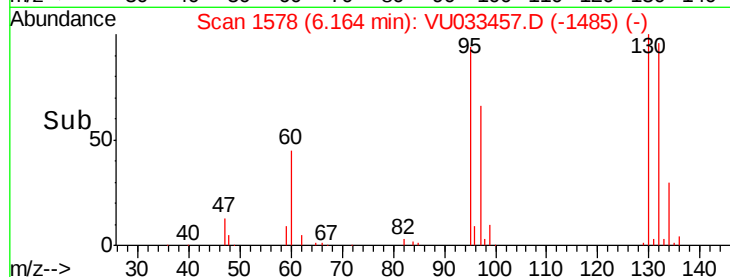
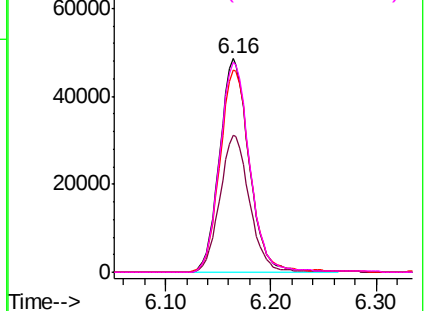


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033457.D

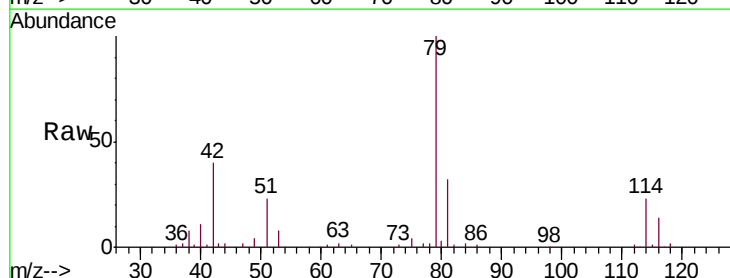
Acq: 26 Jul 2019 16:42

Tgt Ion: 75 Resp: 2009

Ion Ratio Lower Upper

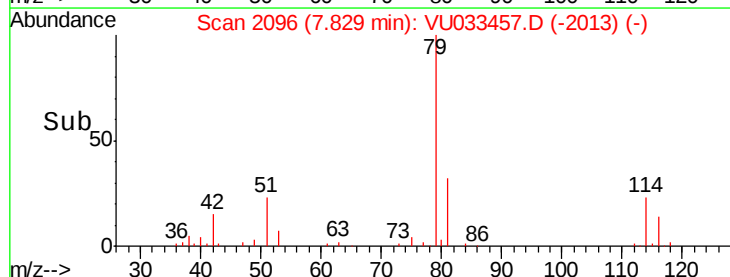
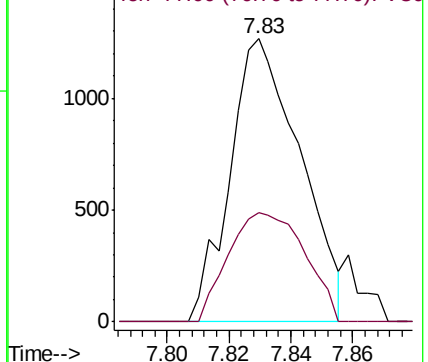
75 100

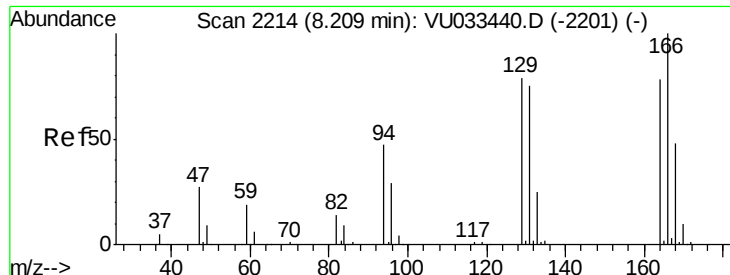
77 38.8 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

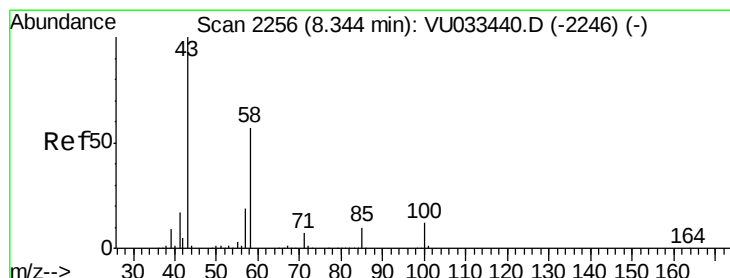
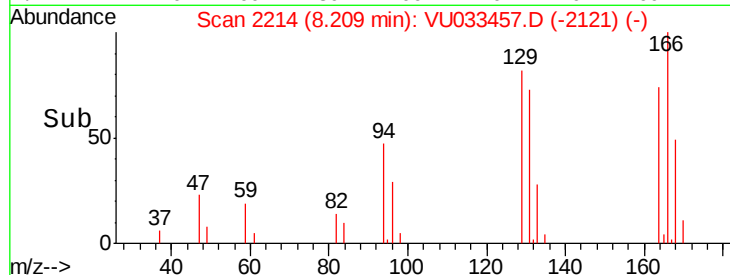
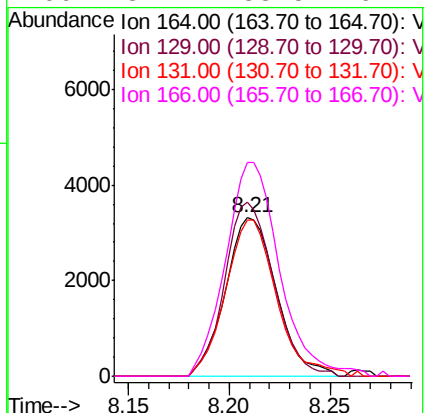
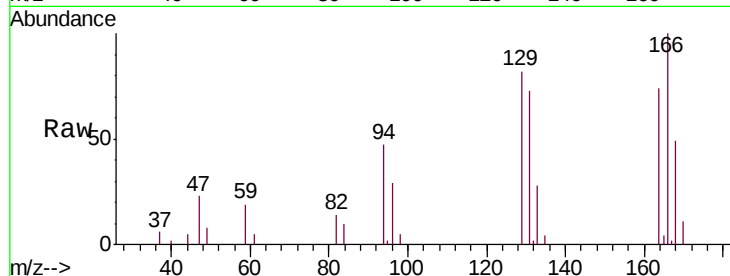




#46
Tetrachloroethene
Concen: 3.673 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033457.D
Acq: 26 Jul 2019 16:42

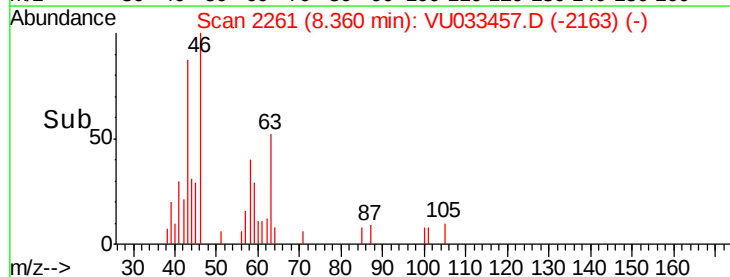
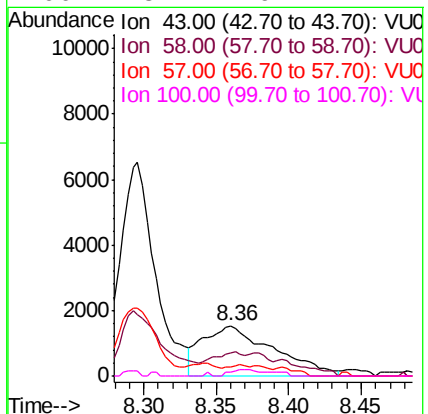
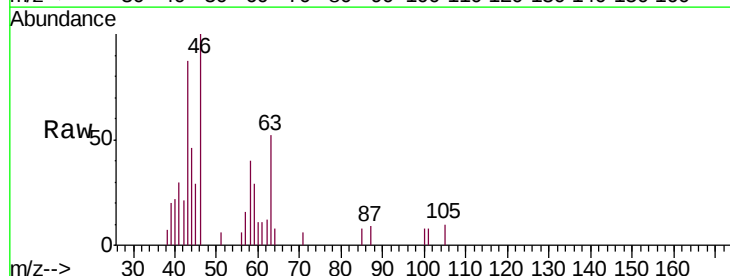
Instrument :
MSVOA_U
ClientSampleId :
C0CC3DL

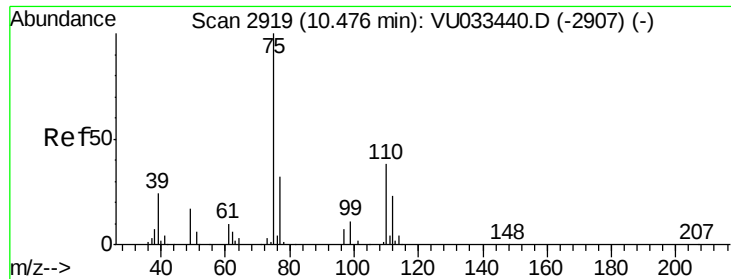
Tgt Ion: 164 Resp: 5881
Ion Ratio Lower Upper
164 100
129 110.0 69.6 129.2
131 98.9 65.7 122.1
166 134.7 88.5 164.4



#48
2-Hexanone
Concen: 2.231 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.02 min
Lab File: VU033457.D
Acq: 26 Jul 2019 16:42

Tgt Ion: 43 Resp: 5230
Ion Ratio Lower Upper
43 100
58 7.2 46.1 69.1#
57 3.4 15.8 23.8#
100 5.2 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 5.097 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033457.D

Acq: 26 Jul 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

C0CC3DL

Tgt Ion: 75 Resp: 14233

Ion Ratio Lower Upper

75 100

77 34.3 26.0 39.0

