

Data File : VU032812.D
Acq On : 18 Jun 2019 10:34
Operator : JC/SP
Sample : K3363-06ME
Misc : 3.25g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JW9ME

Quant Time: Jun 19 01:30:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	314125	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	165854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68016	31.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.36%
7) Chloroethane-d5	1.64	69	36402	21.26	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.52%#
11) 1,1-Dichloroethene-d2	2.27	63	116	0.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.20	46	166792	93.35	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.35%
24) Chloroform-d	4.64	84	146431	35.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.18%
26) 1,2-Dichloroethane-d4	5.30	65	104411	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.12%
32) Benzene-d6	5.32	84	292605	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.26%
36) 1,2-Dichloropropane-d6	6.32	67	95941	37.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.42%
41) Toluene-d8	7.56	98	273071	36.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.02%#
43) trans-1,3-Dichloropropene-	7.85	79	48309	36.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.00%
47) 2-Hexanone-d5	8.32	63	112915	95.04	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	150994	38.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	118116	36.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.60%#

Target Compounds

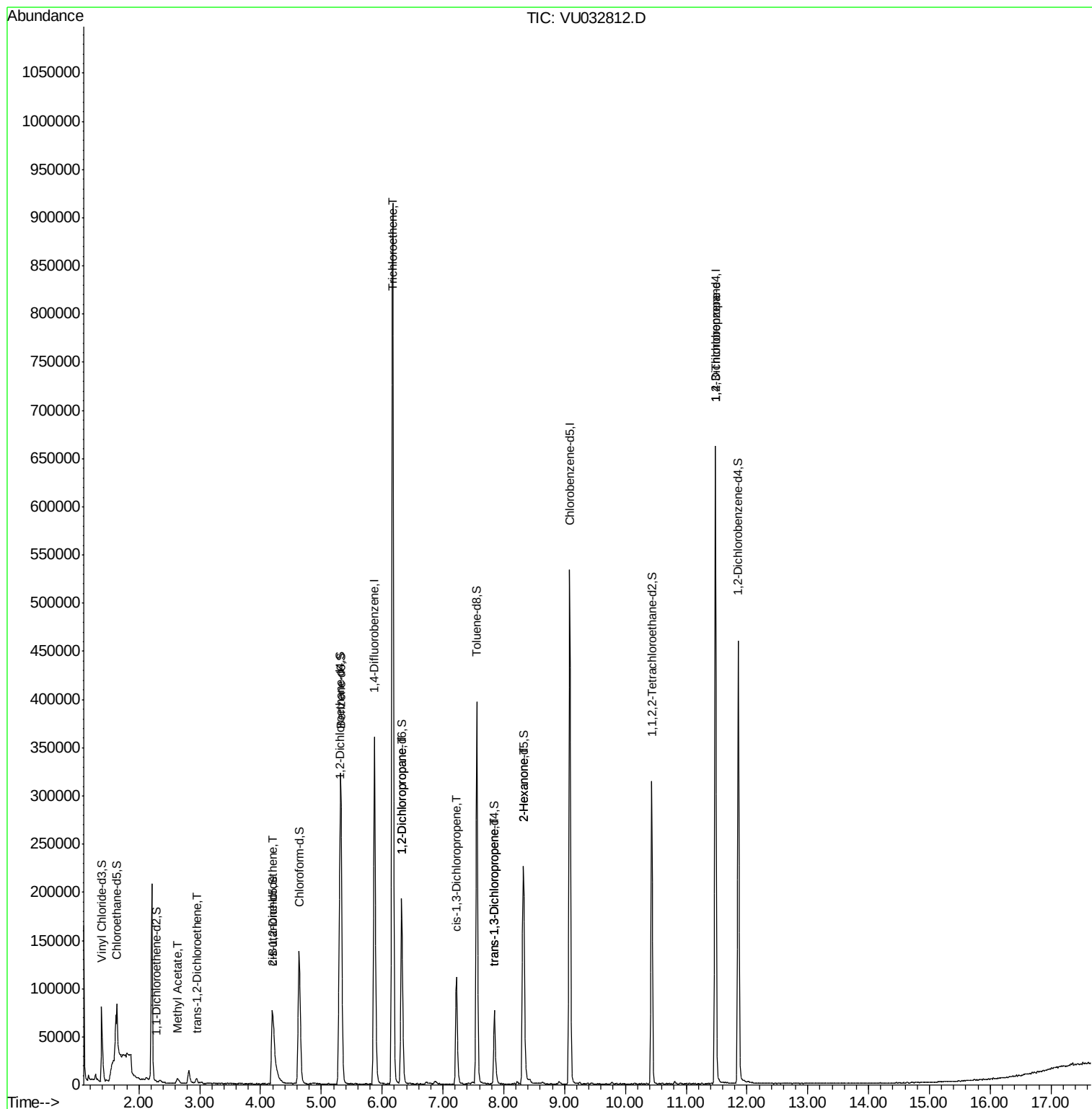
					Qvalue
15) Methyl Acetate	2.63	43	9128	3.263	ug/L 91
17) trans-1,2-Dichloroethene	2.95	96	1767	0.824	ug/L 95
20) cis-1,2-Dichloroethene	4.20	96	3487	1.492	ug/L 96
34) Trichloroethene	6.17	95	310544	131.676	ug/L 99
37) 1,2-Dichloropropane	6.32	63	11234	4.640	ug/L # 88
39) cis-1,3-Dichloropropene	7.22	75	3226	0.855	ug/L # 75
44) trans-1,3-Dichloropropene	7.85	75	2756	0.778	ug/L 87
48) 2-Hexanone	8.32	43	15548	4.559	ug/L # 68
59) 1,2,3-Trichloropropane	11.48	75	21610	6.688	ug/L # 88

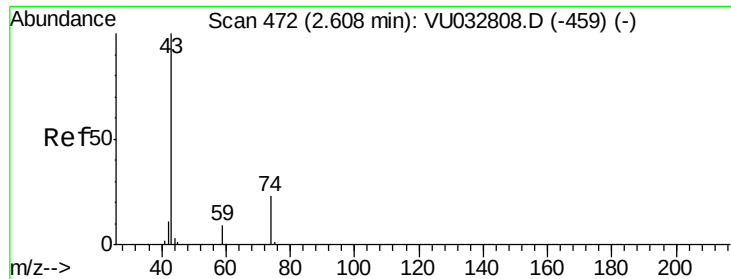
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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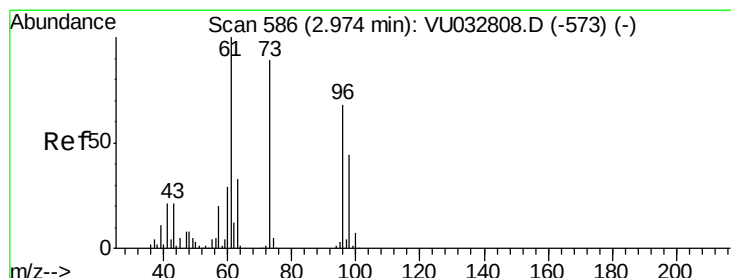
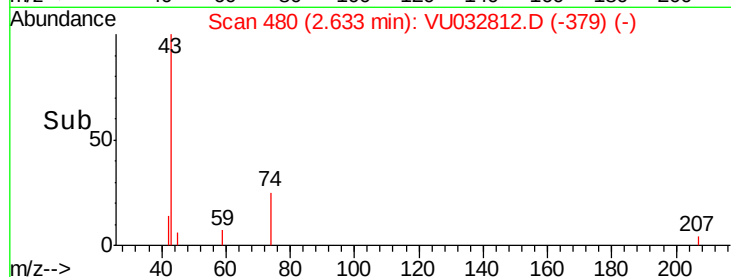
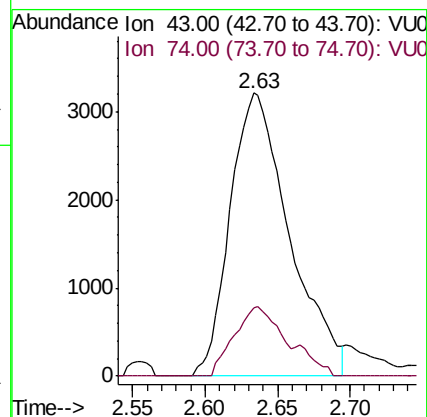
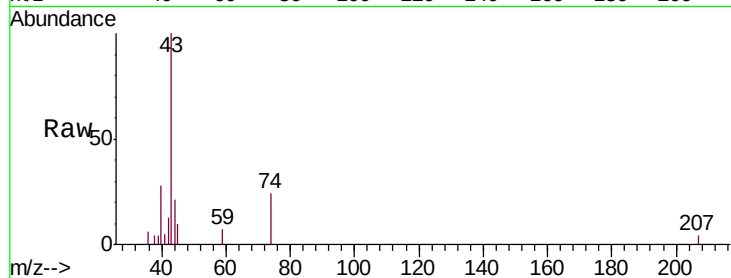




#15
Methyl Acetate
Concen: 3.263 ug/L
RT: 2.63 min Scan# 480
Delta R.T. 0.03 min
Lab File: VU032812.D
Acq: 18 Jun 2019 10:34

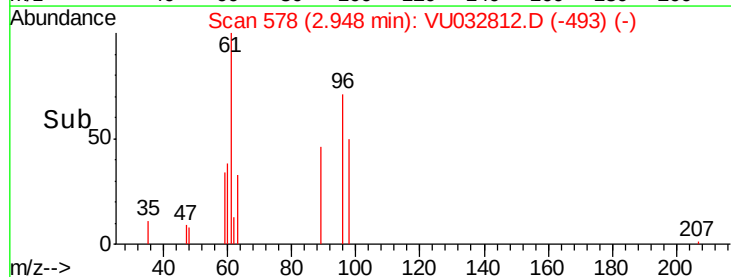
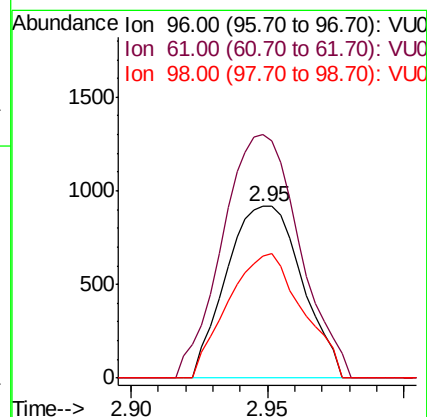
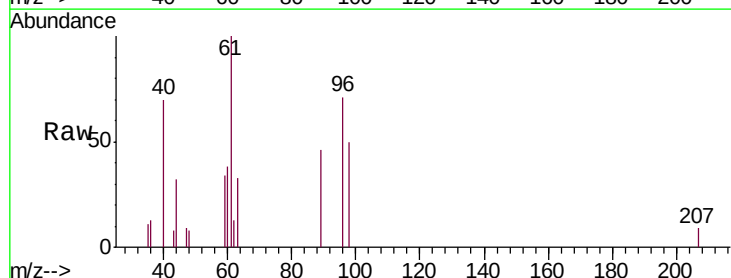
Instrument :
MSVOA_U
ClientSampleId :
C0JW9ME

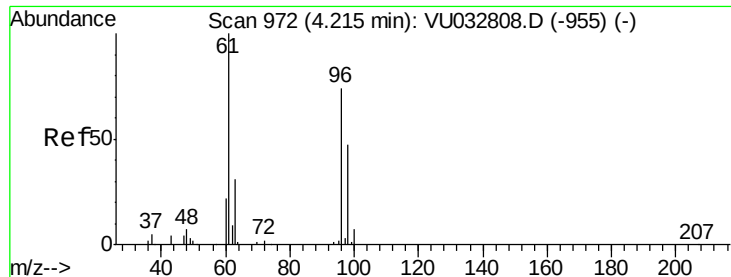
Tgt Ion: 43 Resp: 9128
Ion Ratio Lower Upper
43 100
74 18.5 18.1 27.1



#17
trans-1,2-Dichloroethene
Concen: 0.824 ug/L
RT: 2.95 min Scan# 578
Delta R.T. -0.03 min
Lab File: VU032812.D
Acq: 18 Jun 2019 10:34

Tgt Ion: 96 Resp: 1767
Ion Ratio Lower Upper
96 100
61 141.8 100.9 187.5
98 71.3 44.0 81.8





#20

cis-1,2-Dichloroethene

Concen: 1.492 ug/L

RT: 4.20 min Scan# 968

Delta R.T. -0.01 min

Lab File: VU032812.D

Acq: 18 Jun 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

C0JW9ME

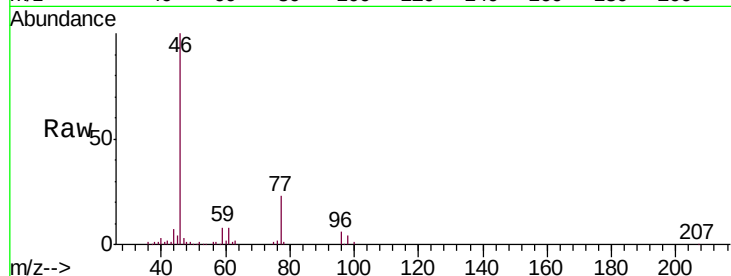
Tgt Ion: 96 Resp: 3487

Ion Ratio Lower Upper

96 100

61 127.7 92.4 171.6

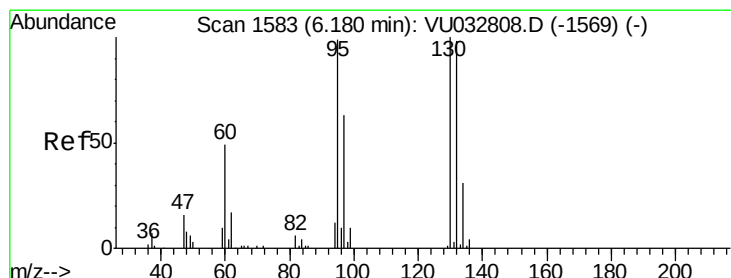
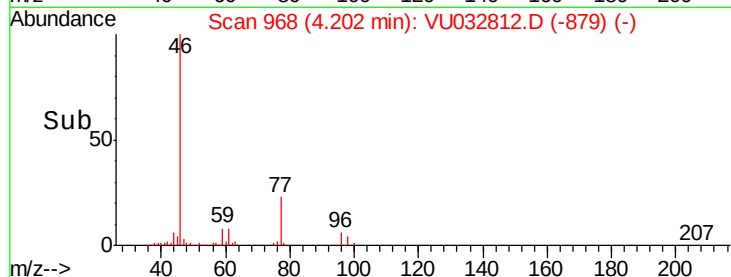
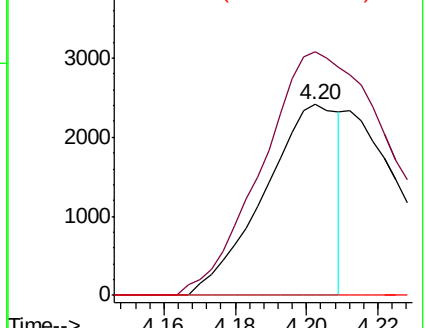
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032808.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU032808.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU032808.D (-955) (-)



#34

Trichloroethene

Concen: 131.676 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VU032812.D

Acq: 18 Jun 2019 10:34

Tgt Ion: 95 Resp: 310544

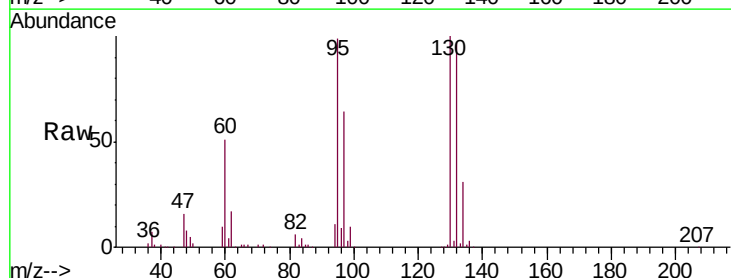
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 97.7 68.5 127.3

130 101.2 70.8 131.4

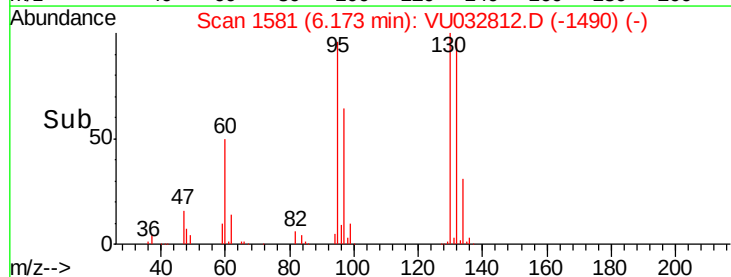
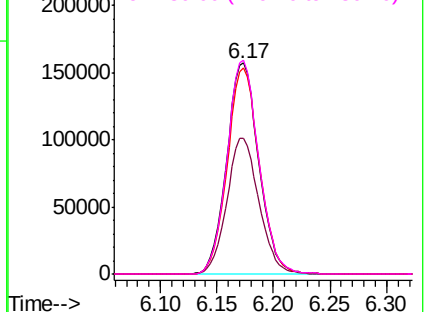


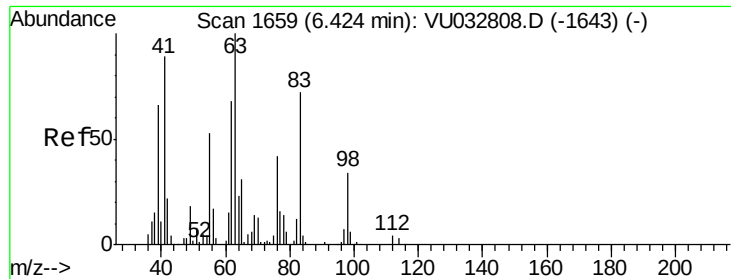
Abundance Ion 95.00 (94.70 to 95.70): VU032808.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032808.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032808.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032808.D (-1569) (-)

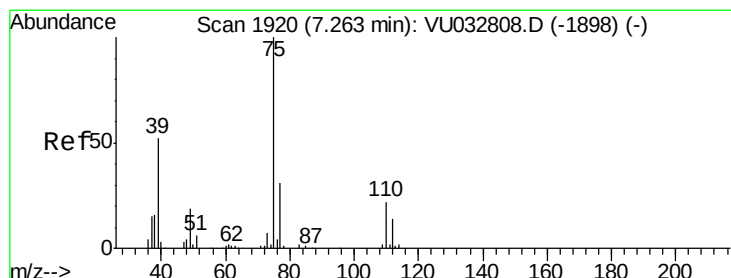
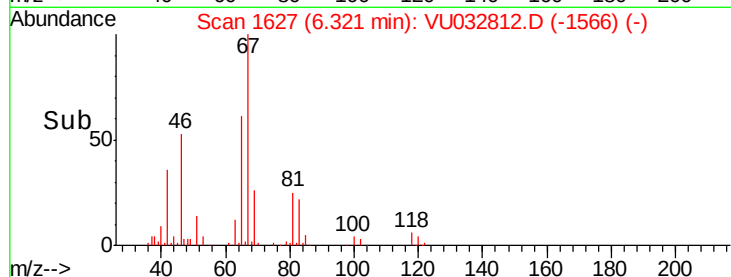
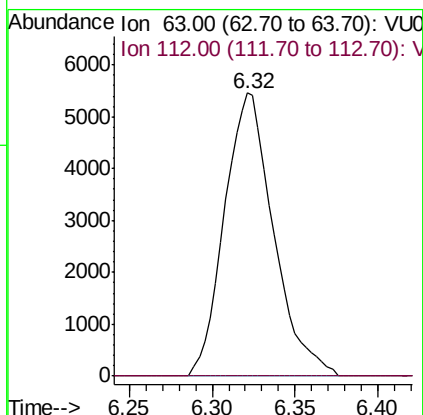
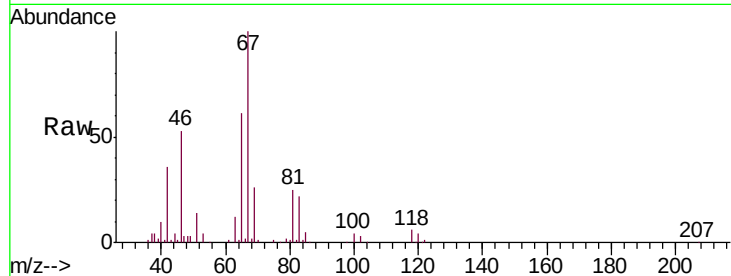




#37
 1,2-Dichloropropane
 Concen: 4.640 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032812.D
 Acq: 18 Jun 2019 10:34

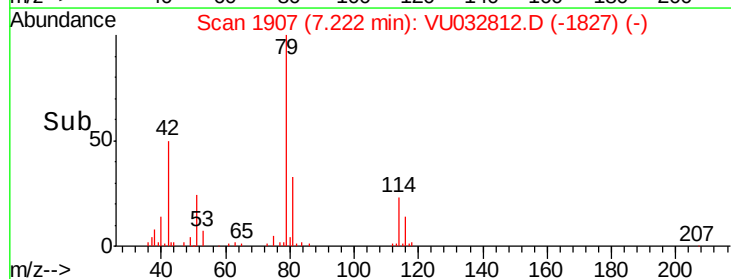
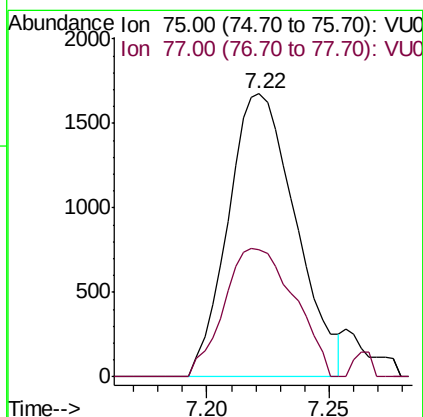
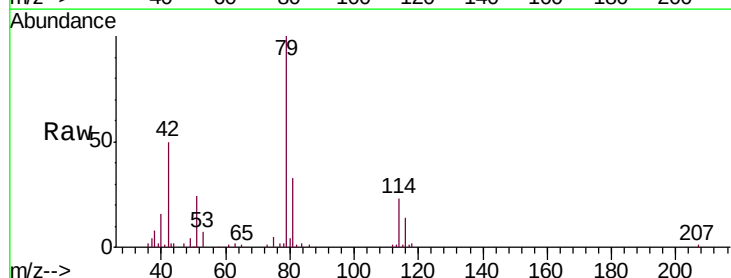
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW9ME

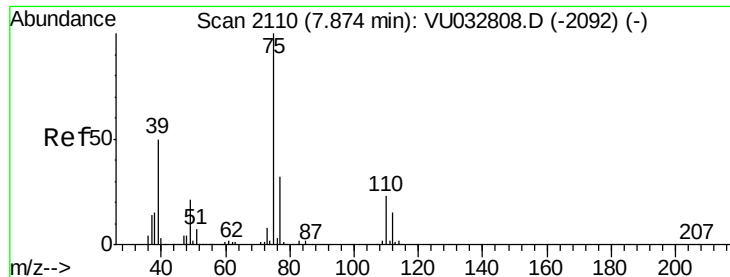
Tgt Ion: 63 Resp: 11234
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.855 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032812.D
 Acq: 18 Jun 2019 10:34

Tgt Ion: 75 Resp: 3226
 Ion Ratio Lower Upper
 75 100
 77 44.9 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032812.D

Acq: 18 Jun 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

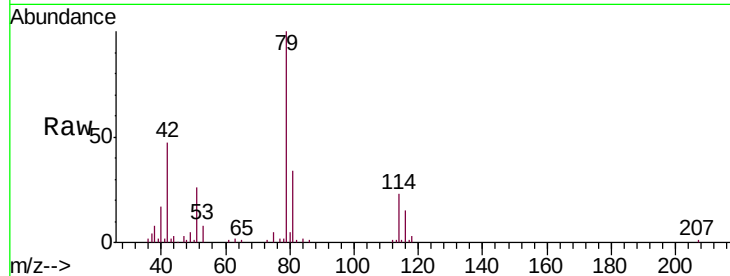
C0JW9ME

Tgt Ion: 75 Resp: 2756

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032812.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU032812.D (-2101) (-)

7.85

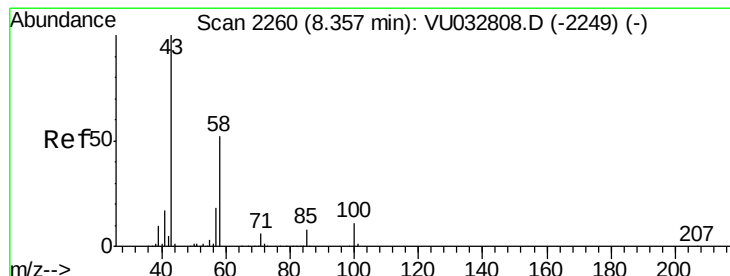
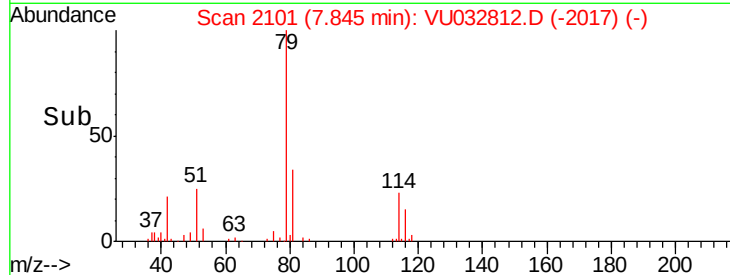
1000

500

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 4.559 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU032812.D

Acq: 18 Jun 2019 10:34

Tgt Ion: 43 Resp: 15548

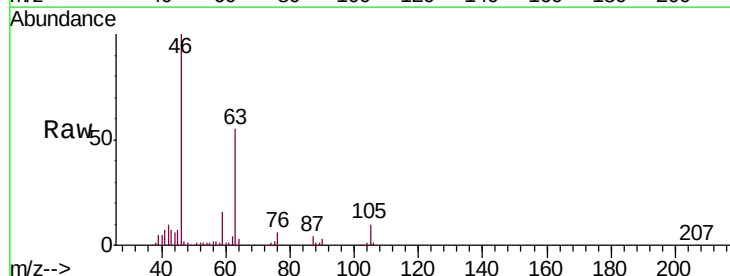
Ion Ratio Lower Upper

43 100

58 21.3 40.2 60.2#

57 20.5 14.2 21.4

100 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VU032812.D (-2249) (-)

Ion 58.00 (57.70 to 58.70): VU032812.D (-2249) (-)

Ion 57.00 (56.70 to 57.70): VU032812.D (-2249) (-)

Ion 100.00 (99.70 to 100.70): VU032812.D (-2249) (-)

8.32

8000

6000

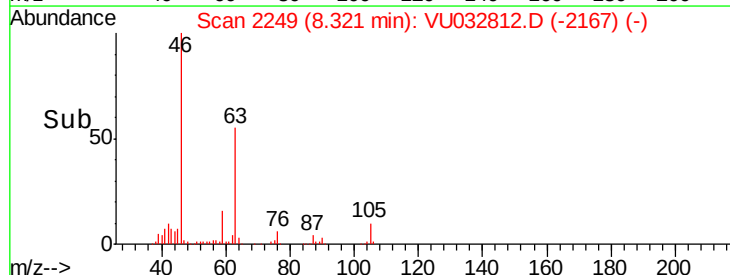
4000

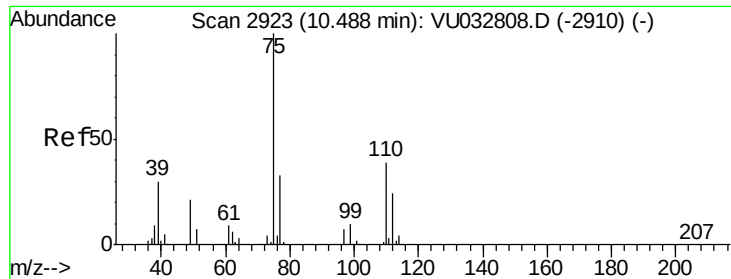
2000

0

8.25 8.30 8.35 8.40

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.688 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032812.D

Acq: 18 Jun 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

C0JW9ME

Tgt Ion: 75 Resp: 21610

Ion Ratio Lower Upper

75 100

77 38.4 25.5 38.3#

