

Data File : VU030557.D
Acq On : 29 Mar 2019 21:19
Operator : JC/SP
Sample : K2101-15ME
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOE6MERE

Quant Time: Mar 30 02:16:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	748928	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	744220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	342470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217764	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.26%
7) Chloroethane-d5	1.70	69	166	0.03	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.24	63	321100	28.08	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.16%#
21) 2-Butanone-d5	4.18	46	515138	90.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.92%
24) Chloroform-d	4.64	84	415185	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.96%
26) 1,2-Dichloroethane-d4	5.30	65	298818	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.33	84	830422	38.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.82%
36) 1,2-Dichloropropane-d6	6.32	67	308527	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.50%
41) Toluene-d8	7.56	98	715681	37.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.68%#
43) trans-1,3-Dichloropropene-	7.85	79	135160	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.72%
47) 2-Hexanone-d5	8.31	63	392407	99.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	503485	48.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	292237	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%

Target Compounds

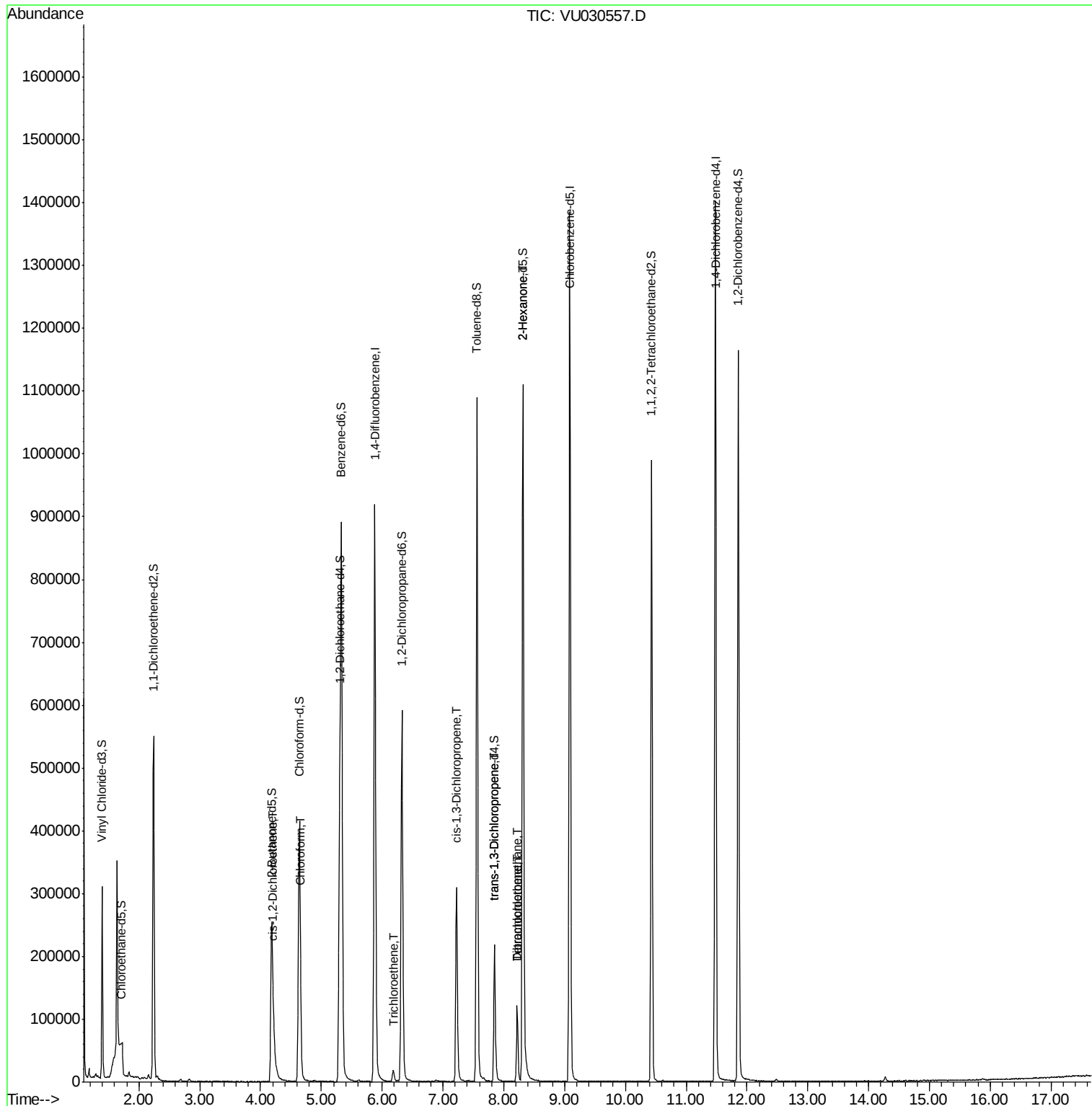
					Qvalue
20) cis-1,2-Dichloroethene	4.22	96	3634	0.576 ug/L	99
25) Chloroform	4.67	83	9914	0.904 ug/L	79
34) Trichloroethene	6.18	95	6542	1.050 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	7549	0.731 ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	5026	0.553 ug/L	87
46) Tetrachloroethene	8.22	164	26831	6.168 ug/L	96
48) 2-Hexanone	8.31	43	47410	4.790 ug/L #	69
49) Dibromochloromethane	8.22	129	26807	4.247 ug/L #	11

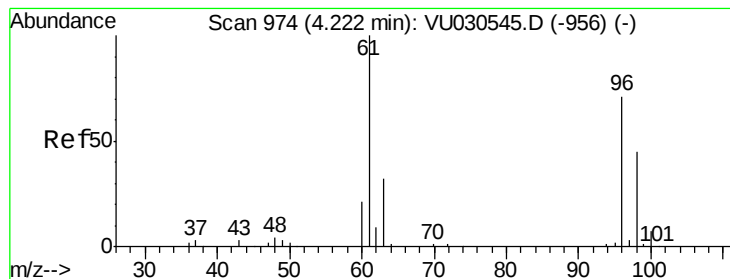
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 0.576 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.01 min

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Acq: 29 Mar 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

BFOE6MERE

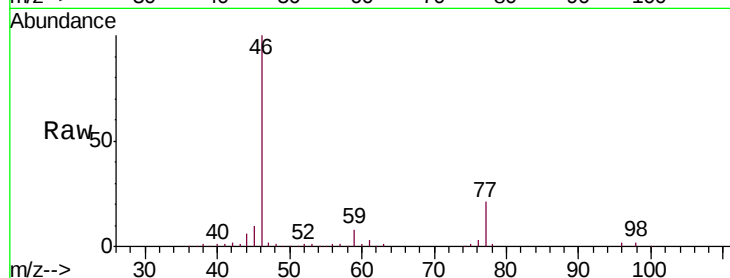
Tgt Ion: 96 Resp: 3634

Ion Ratio Lower Upper

96 100

61 139.5 98.4 182.8

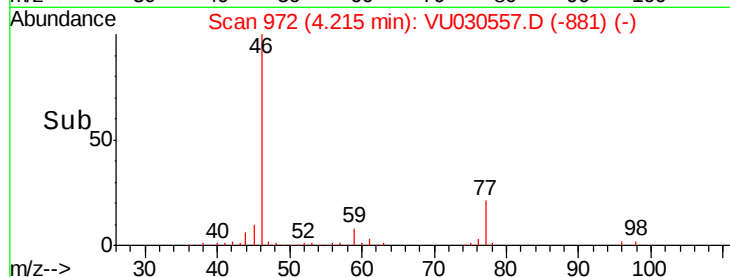
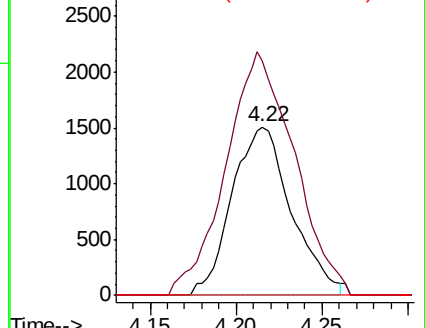
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030545.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030545.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030545.D (-956) (-)



#25

Chloroform

Concen: 0.904 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030557.D

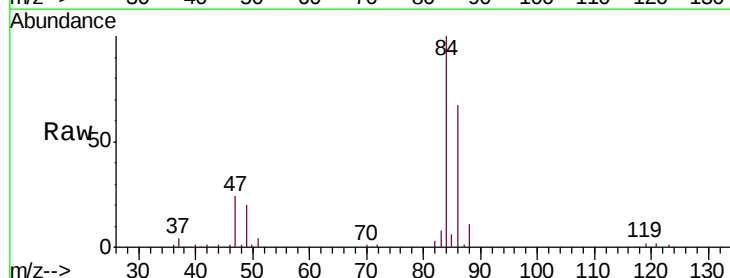
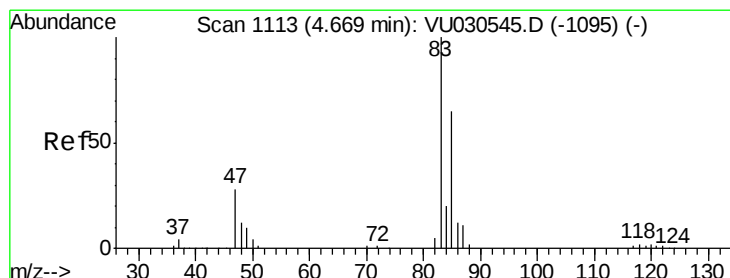
Acq: 29 Mar 2019 21:19

Tgt Ion: 83 Resp: 9914

Ion Ratio Lower Upper

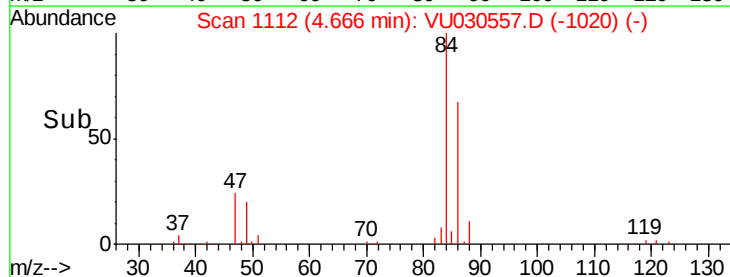
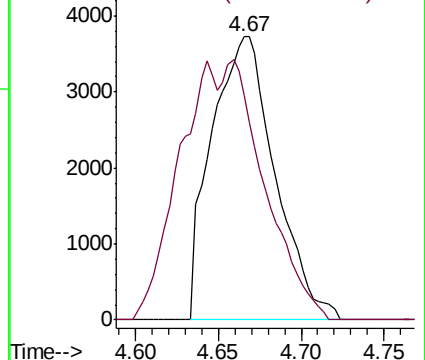
83 100

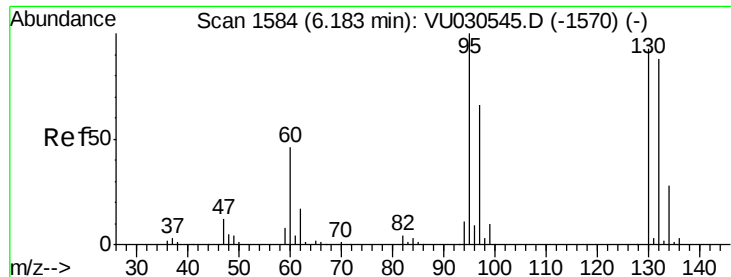
85 79.4 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030545.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU030545.D (-1095) (-)





#34

Trichloroethene

Concen: 1.050 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Acq: 29 Mar 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

BFOE6MERE

Tgt Ion: 95 Resp: 6542

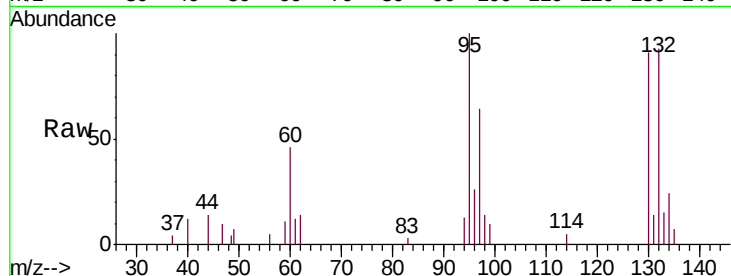
Ion Ratio Lower Upper

95 100

97 64.2 45.7 84.9

132 93.2 63.8 118.4

130 90.7 65.7 121.9

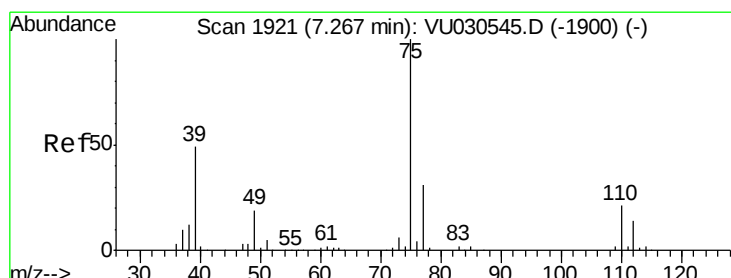
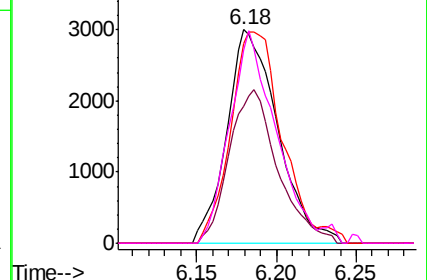
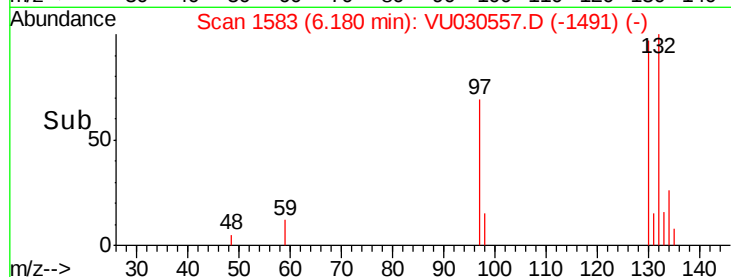


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030557.D

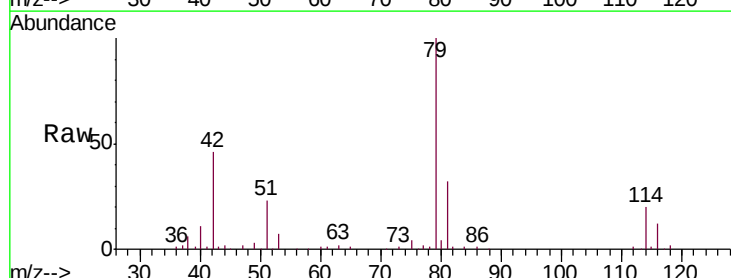
Acq: 29 Mar 2019 21:19

Tgt Ion: 75 Resp: 7549

Ion Ratio Lower Upper

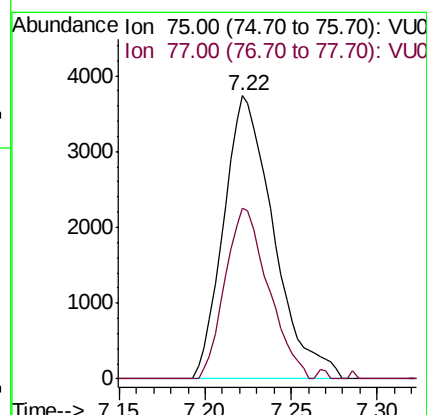
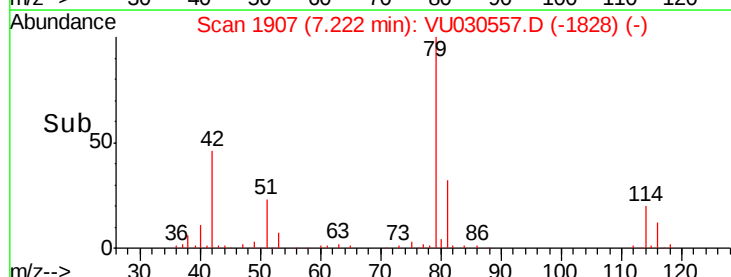
75 100

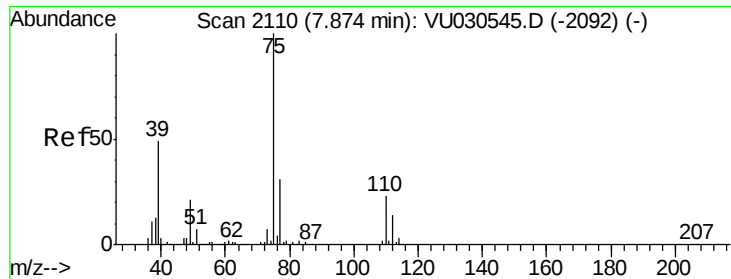
77 60.5 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030557.D

Acq: 29 Mar 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

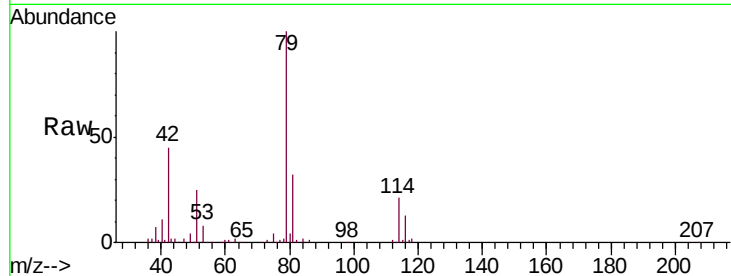
BFOE6MERE

Tgt Ion: 75 Resp: 5026

Ion Ratio Lower Upper

75 100

77 38.6 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030545.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030545.D (-2092) (-)

7.85

3000

2500

2000

1500

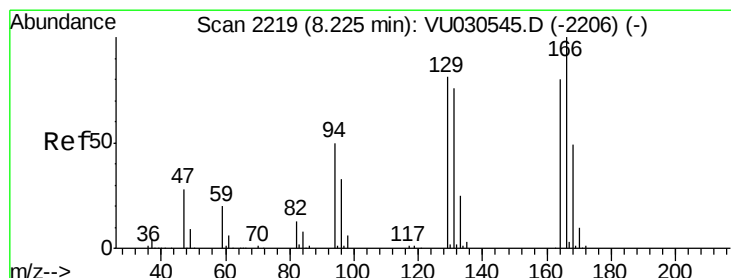
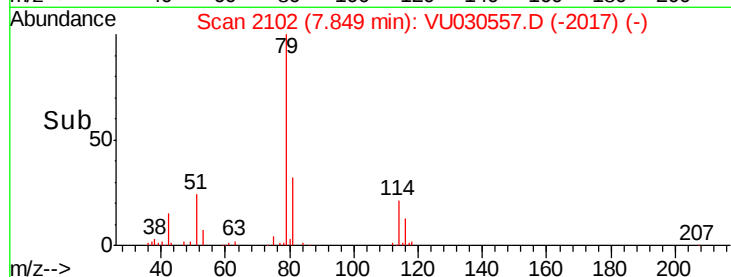
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 6.168 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030557.D

Acq: 29 Mar 2019 21:19

Tgt Ion: 164 Resp: 26831

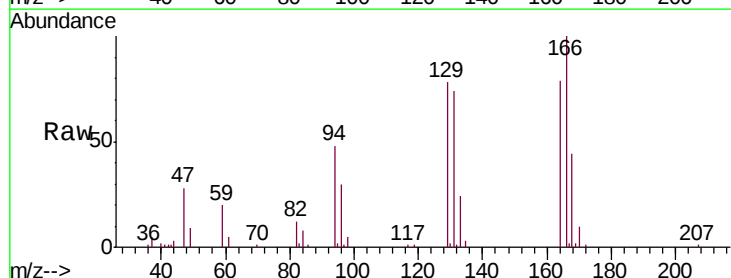
Ion Ratio Lower Upper

164 100

129 98.2 68.1 126.5

131 92.8 67.7 125.7

166 126.0 92.4 171.6



Abundance Ion 164.00 (163.70 to 164.70): VU030545.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030545.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030545.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030545.D (-2206) (-)

8.22

30000

25000

20000

15000

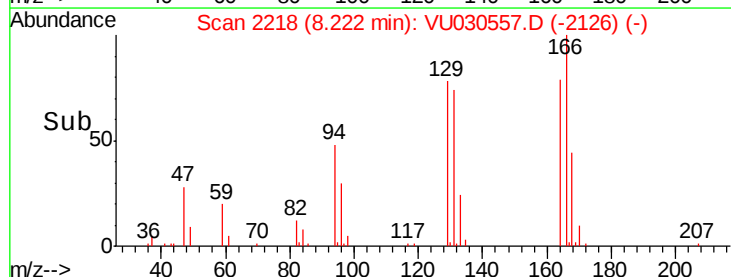
10000

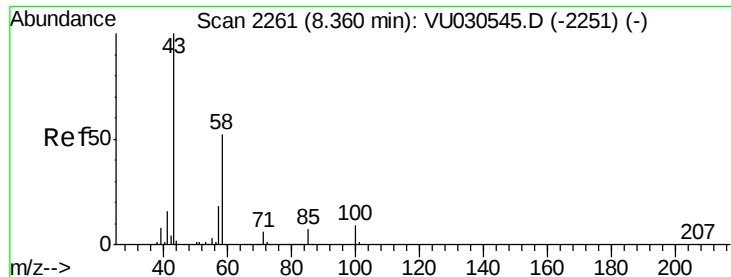
5000

0

8.15 8.20 8.25 8.30

Time-->

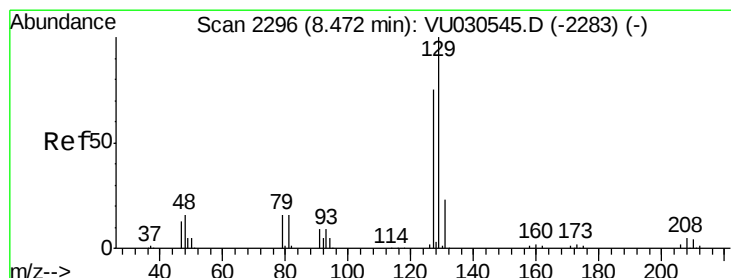
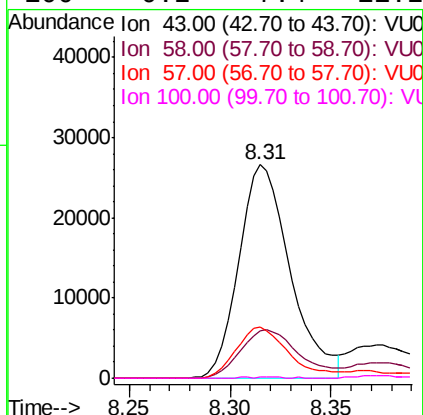
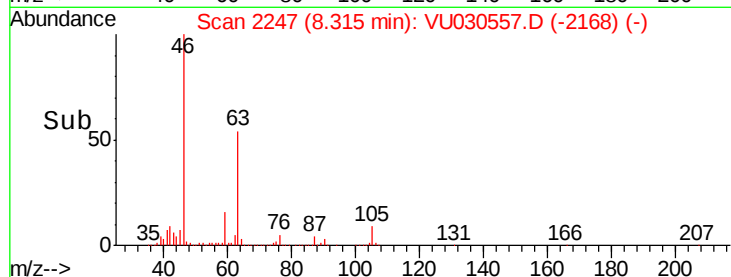
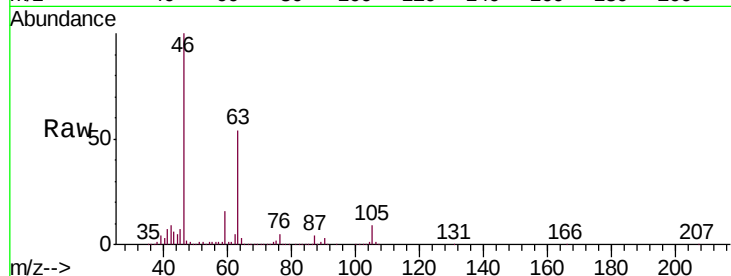




#48
2-Hexanone
Concen: 4.790 ug/L
RT: 8.31 min Scan# 2247
Delta R.T. -0.04 min
Lab File: VU030557.D
Acq: 29 Mar 2019 21:19

Instrument :
MSVOA_U
ClientSampleId :
BFOE6MERE

Tgt Ion: 43 Resp: 47410
Ion Ratio Lower Upper
43 100
58 25.9 42.5 63.7#
57 24.4 15.0 22.6#
100 0.2 7.4 11.2#



#49
Dibromochloromethane
Concen: 4.247 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU030557.D
Acq: 29 Mar 2019 21:19

Tgt Ion: 129 Resp: 26807
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

