

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032181.D
 Acq On : 21 May 2019 02:07
 Operator : JC/SP
 Sample : K2888-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 08:47:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	342022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	351260	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89151	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.68	69	84317	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.60%
11) 1,1-Dichloroethene-d2	2.27	63	130179	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.20	46	233342	41.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.50%
24) Chloroform-d	4.64	84	202587	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.31	65	105275	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.33	84	393507	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.33	67	116521	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.40%
41) Toluene-d8	7.56	98	312798	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.20%#
43) trans-1,3-Dichloropropene-	7.85	79	38907	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.31	63	205218	40.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106159	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	126120	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

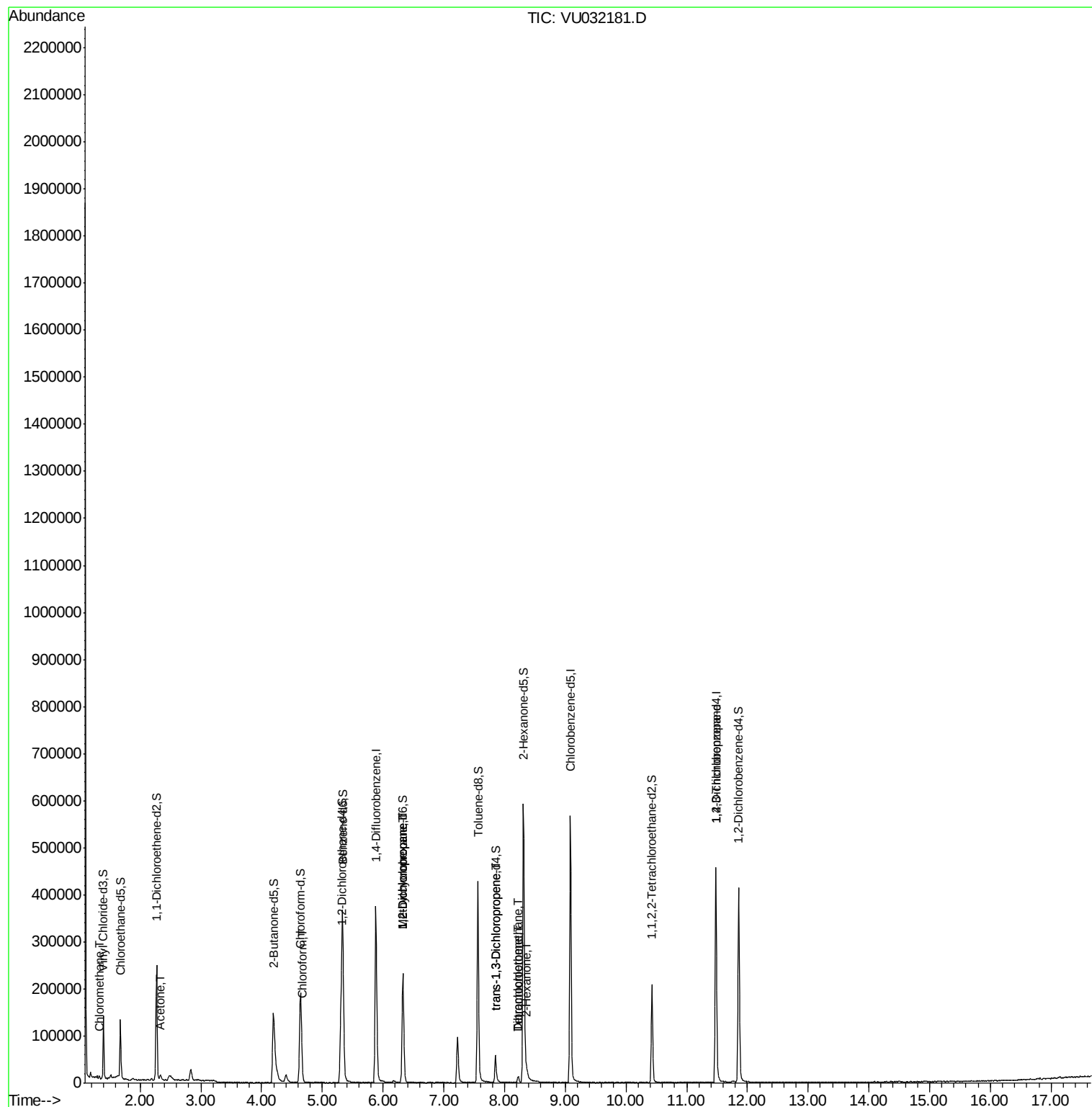
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	3821	0.233	ug/L	97
13) Acetone	2.34	43	8813	4.746	ug/L	91
25) Chloroform	4.67	83	4510	0.181	ug/L	95
35) Methylcyclohexane	6.32	83	29420	1.396	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13415	1.017	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1497	0.106	ug/L #	83
47) Tetrachloroethene	8.22	164	3875	0.354	ug/L #	76
48) 2-Hexanone	8.36	43	6099	1.286	ug/L #	85
49) Dibromochloromethane	8.22	129	3260	0.290	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	13365	1.596	ug/L	95

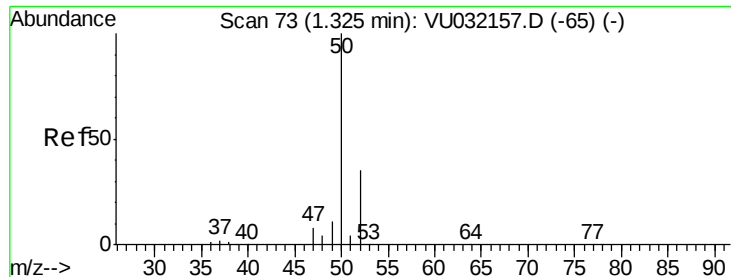
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.233 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032181.D

Acq: 21 May 2019 02:07

Instrument :

MSVOA_U

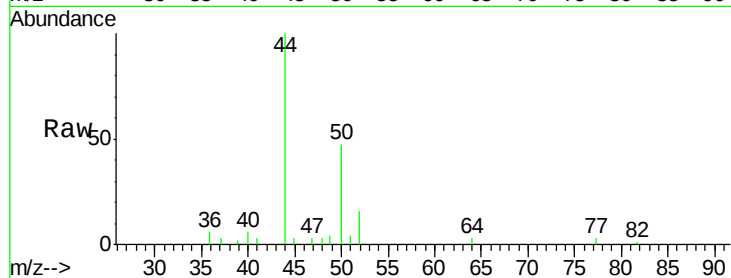
ClientSampleId :

Tot Ion: 50 Resp: 3821

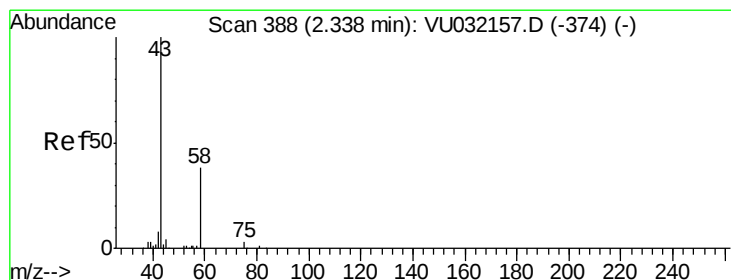
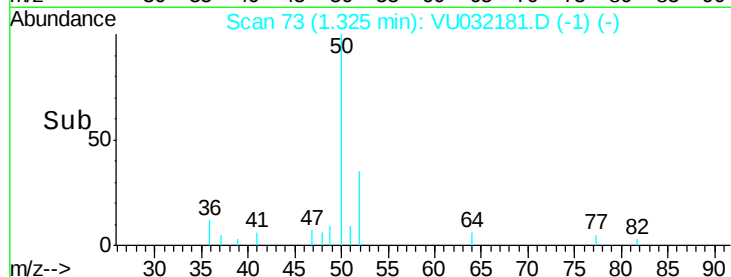
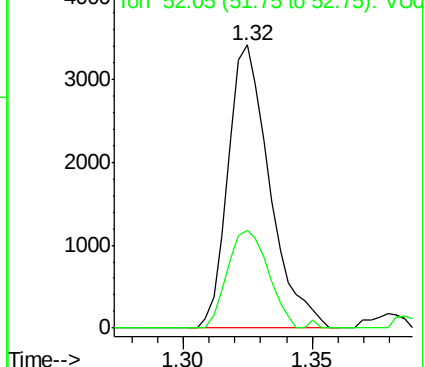
Ion Ratio Lower Upper

50 100

52 34.6 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032181.D (-1) (-)



#13

Acetone

Concen: 4.746 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU032181.D

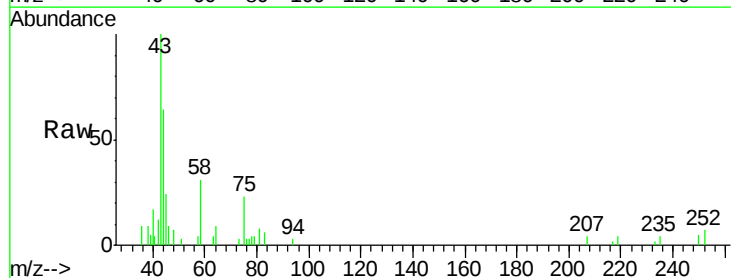
Acq: 21 May 2019 02:07

Tgt Ion: 43 Resp: 8813

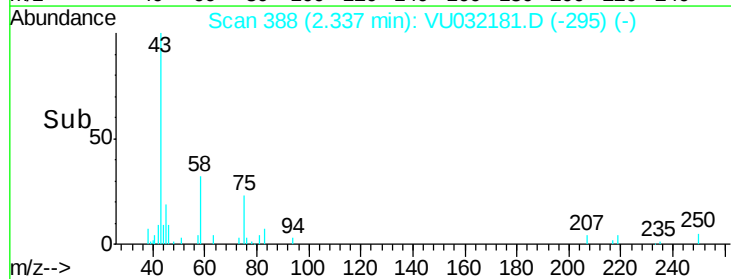
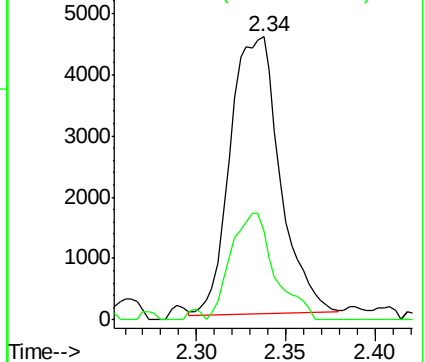
Ion Ratio Lower Upper

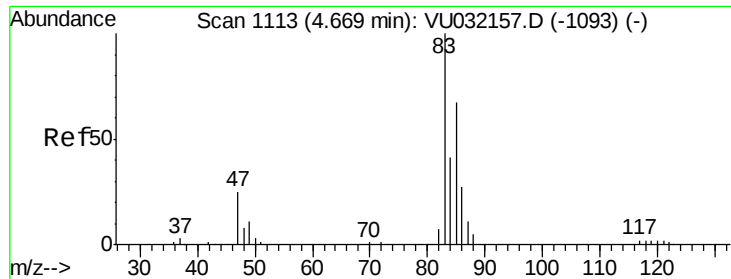
43 100

58 33.8 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032181.D (-295) (-)

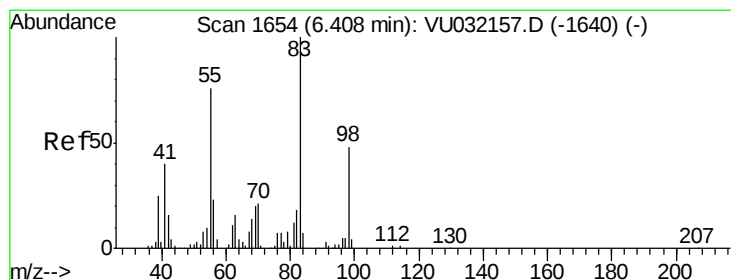
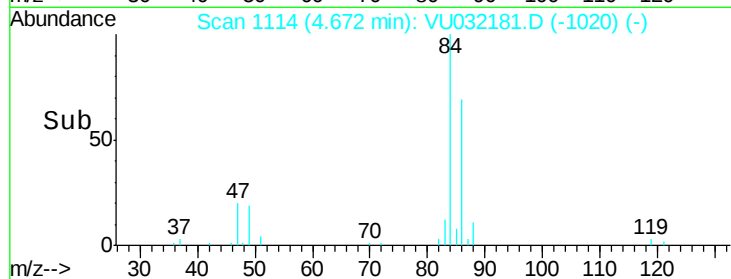
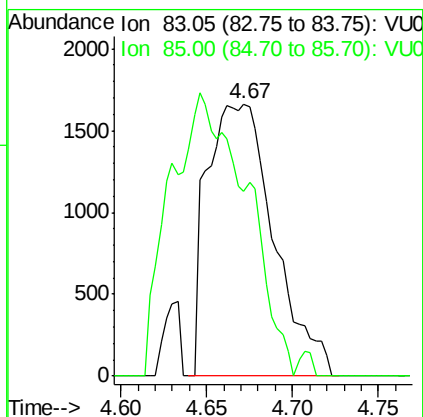
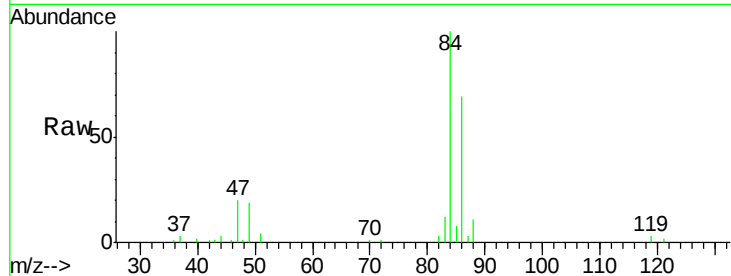




#25
Chloroform
Concen: 0.181 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU032181.D
Acq: 21 May 2019 02:07

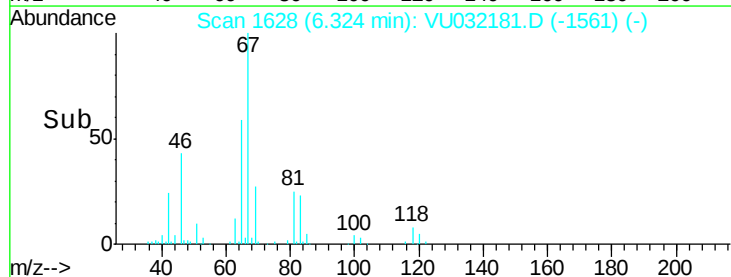
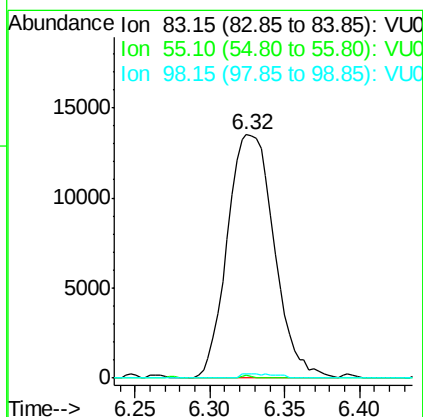
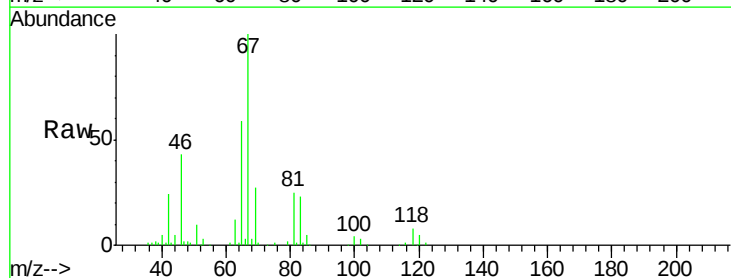
Instrument :
MSVOA_U
ClientSampleId :

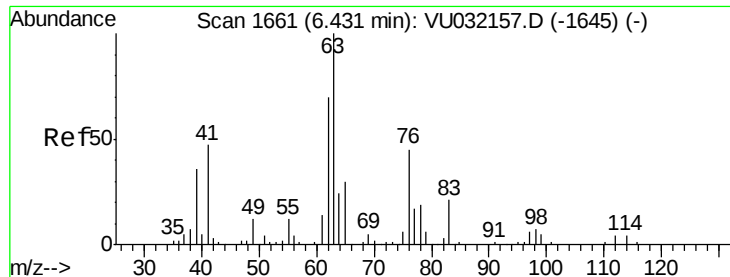
Tot Ion: 83 Resp: 4510
Ion Ratio Lower Upper
83 100
85 68.1 44.9 83.3



#35
Methylcyclohexane
Concen: 1.396 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032181.D
Acq: 21 May 2019 02:07

Tgt Ion: 83 Resp: 29420
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.3 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 1.017 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032181.D

Acq: 21 May 2019 02:07

Instrument :

MSVOA_U

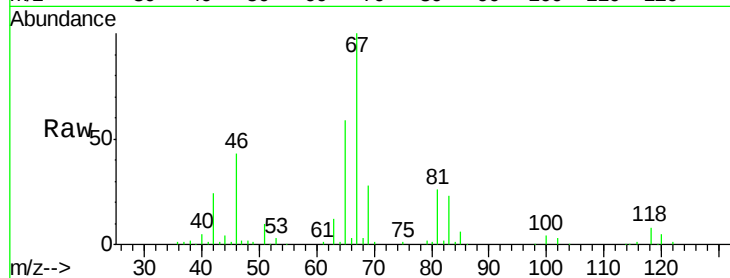
ClientSampleId :

Tot Ion: 63 Resp: 13415

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032181.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VU032181.D (-1629) (-)

6.33

8000

6000

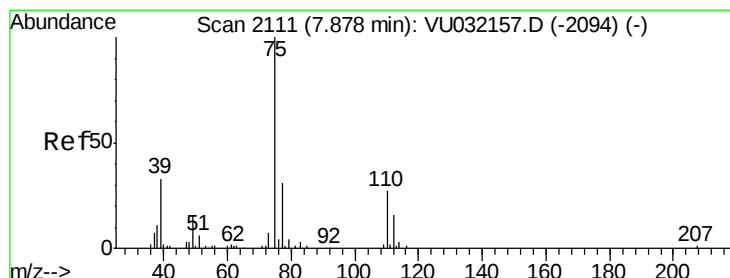
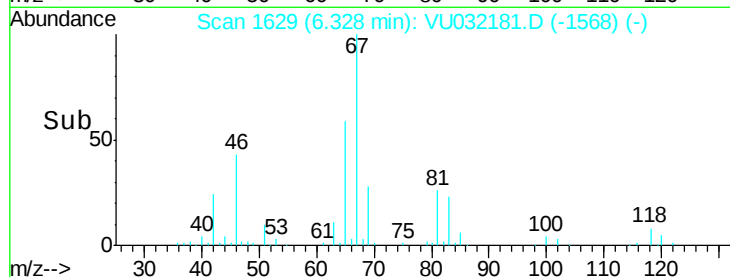
4000

2000

0

6.25 6.30 6.35 6.40

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032181.D

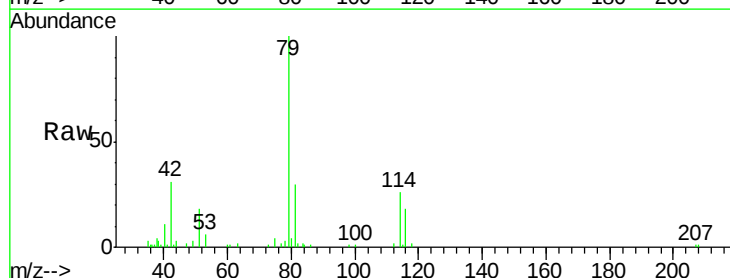
Acq: 21 May 2019 02:07

Tgt Ion: 75 Resp: 1497

Ion Ratio Lower Upper

75 100

77 39.1 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032181.D (-2102) (-)

Ion 77.05 (76.75 to 77.75): VU032181.D (-2102) (-)

7.85

1000

800

600

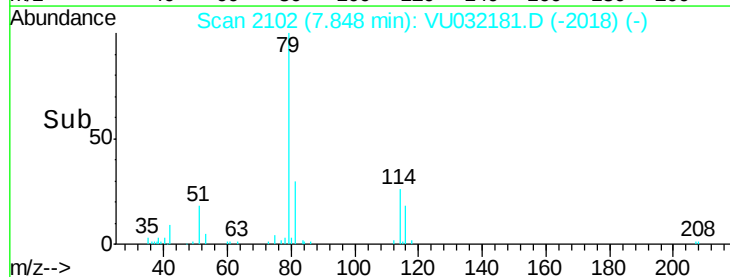
400

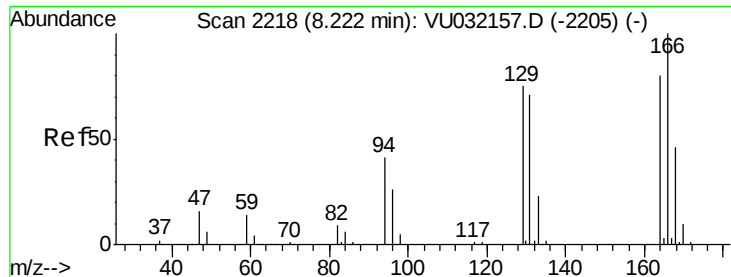
200

0

7.80 7.85 7.90

Time-->

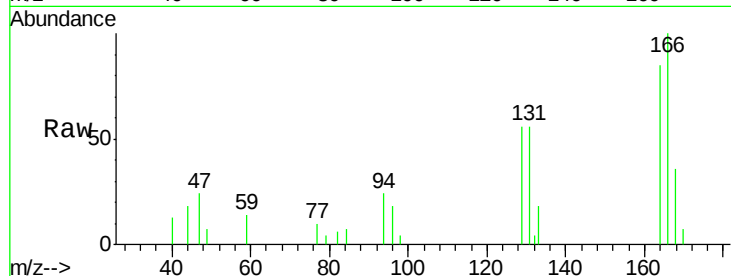




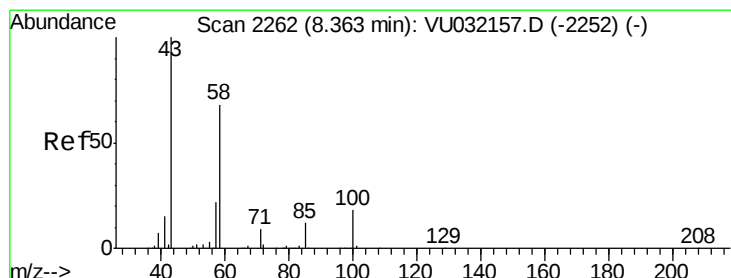
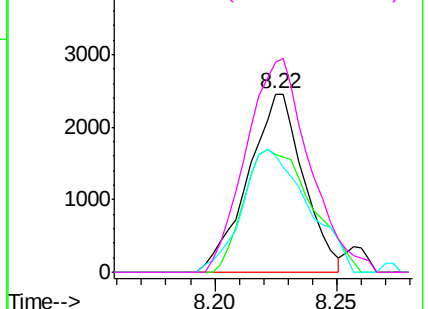
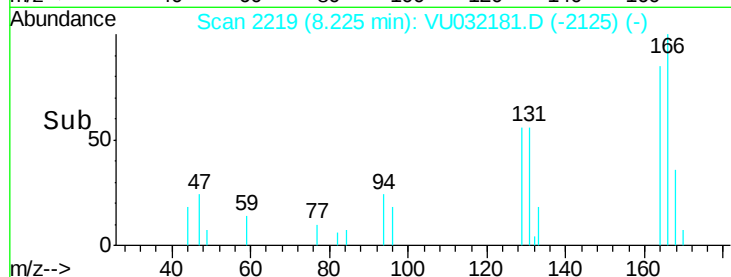
#47
Tetrachloroethene
Concen: 0.354 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032181.D
Acq: 21 May 2019 02:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 3875
Ion Ratio Lower Upper
164 100
129 66.1 70.3 130.5#
131 65.5 64.5 119.9
166 117.5 92.3 171.5

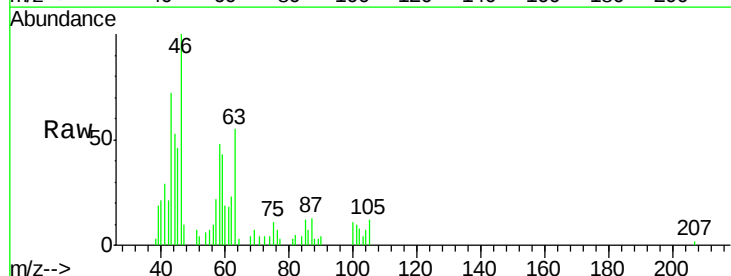


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

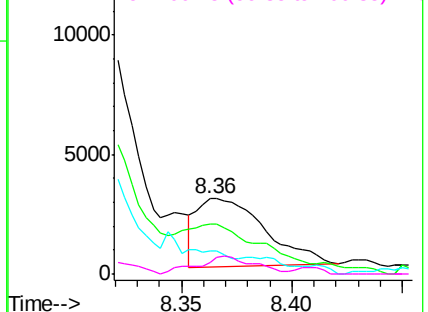
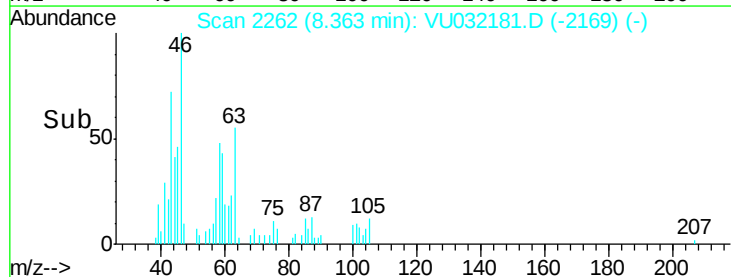


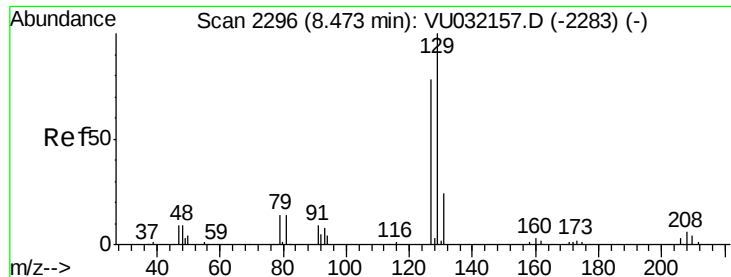
#48
2-Hexanone
Concen: 1.286 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032181.D
Acq: 21 May 2019 02:07

Tgt Ion: 43 Resp: 6099
Ion Ratio Lower Upper
43 100
58 76.8 51.6 77.4
57 16.9 18.4 27.6#
100 22.2 12.2 18.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

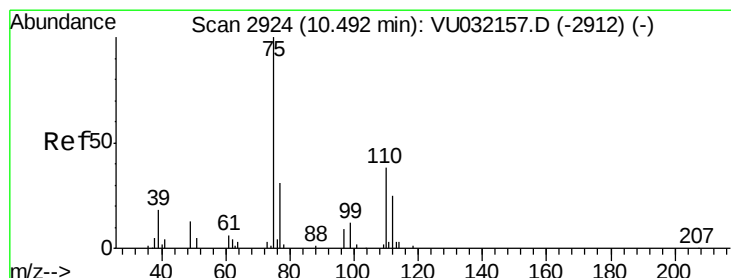
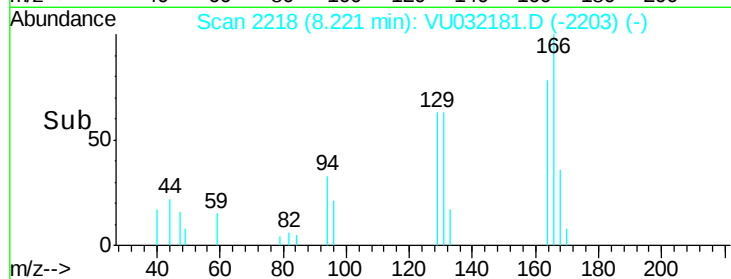
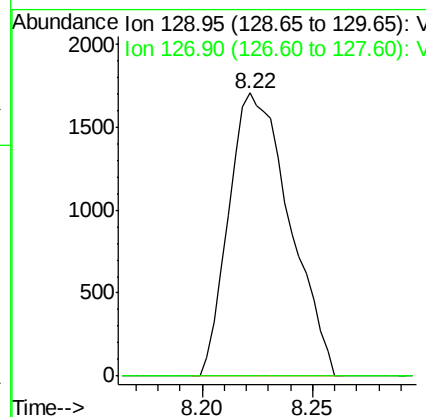
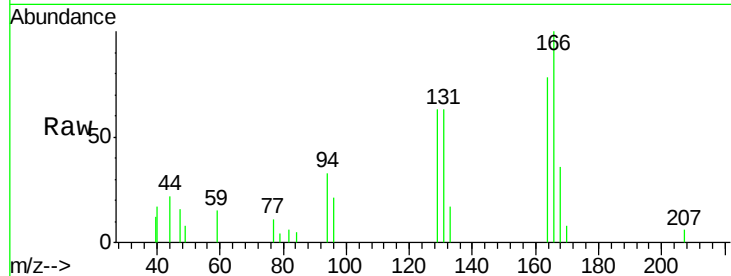




#49
Dibromochloromethane
Concen: 0.290 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032181.D
Acq: 21 May 2019 02:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 3260
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#



#59
1,2,3-Trichloropropane
Concen: 1.596 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032181.D
Acq: 21 May 2019 02:07

Tgt Ion: 75 Resp: 13365
Ion Ratio Lower Upper
75 100
77 35.5 26.2 39.2

