

Data File : VU032281.D
Acq On : 23 May 2019 20:18
Operator : JC/SP
Sample : K2888-10DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP2DL

Quant Time: May 24 03:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	328043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	339889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108002	5.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.20%
7) Chloroethane-d5	1.68	69	95355	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.27	63	155632	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.21	46	244512	47.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.64	84	213013	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.31	65	108715	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.33	84	425907	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	127605	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.56	98	348702	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.85	79	39111	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.31	63	206640	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103020	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	126961	3.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.60%#

Target Compounds

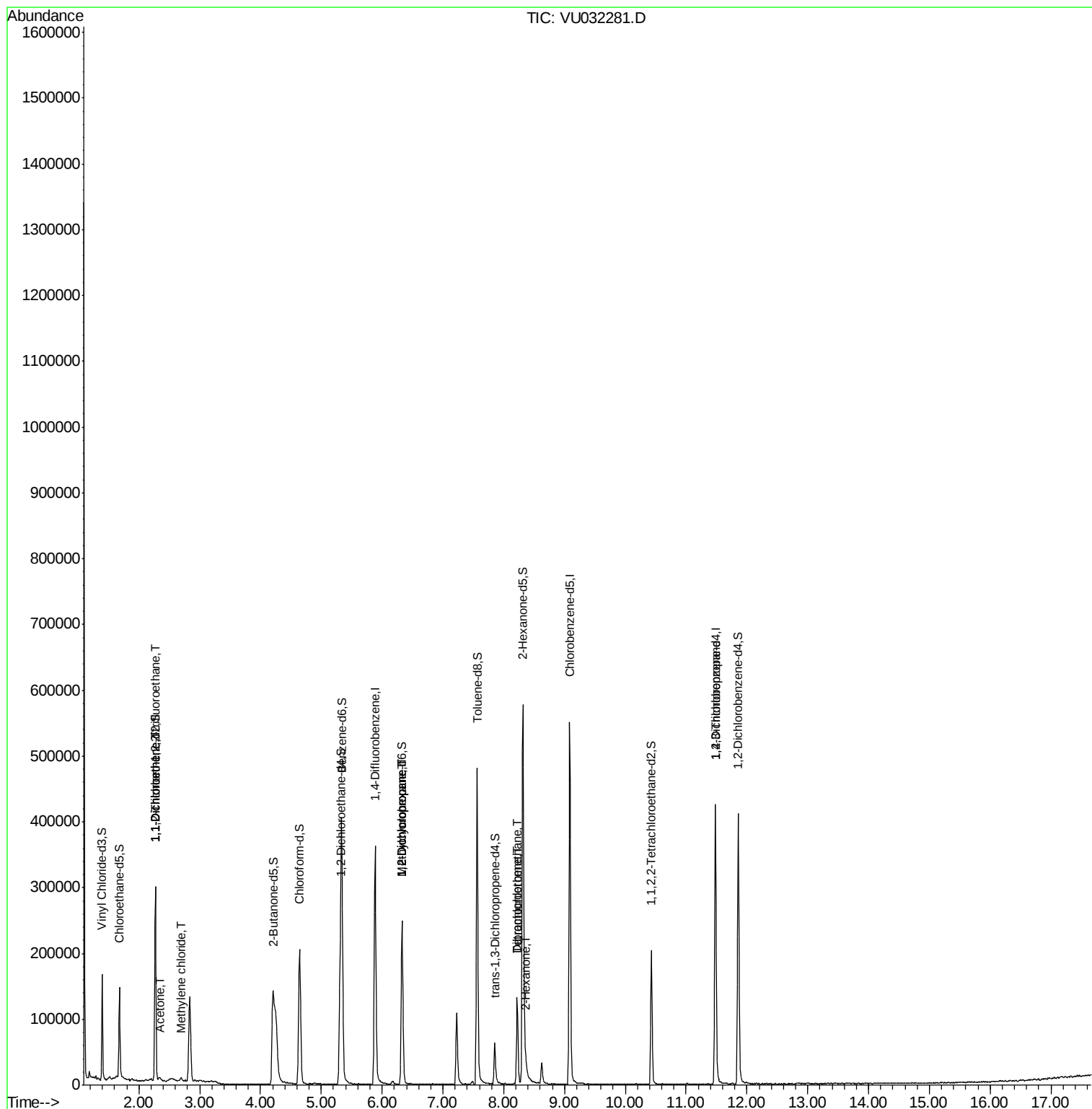
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1647	0.142 ug/L #	17
12) 1,1-Dichloroethene	2.26	96	1392	0.119 ug/L #	1
13) Acetone	2.34	43	3622	2.250 ug/L	51
16) Methylene chloride	2.69	84	2265	0.145 ug/L	93
35) Methylcyclohexane	6.33	83	30426	1.674 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13553	1.224 ug/L #	86
47) Tetrachloroethene	8.22	164	32710	3.211 ug/L	96
48) 2-Hexanone	8.37	43	8756	2.040 ug/L #	69
49) Dibromochloromethane	8.22	129	28996	2.980 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	12956	1.797 ug/L	96

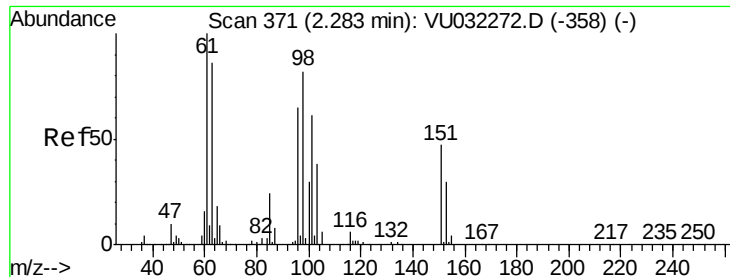
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032281.D
Acq On : 23 May 2019 20:18
Operator : JC/SP
Sample : K2888-10DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP2DL

Quant Time: May 24 03:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.142 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU032281.D

Acq: 23 May 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

C0BP2DL

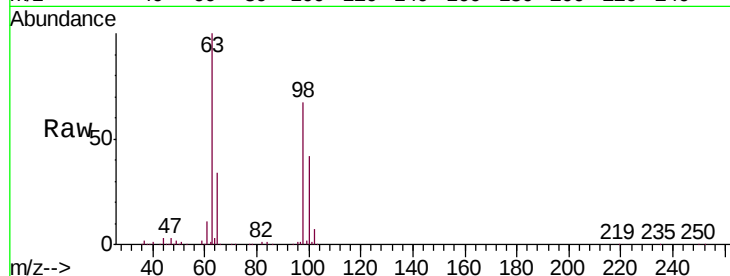
Tgt Ion:101 Resp: 1647

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

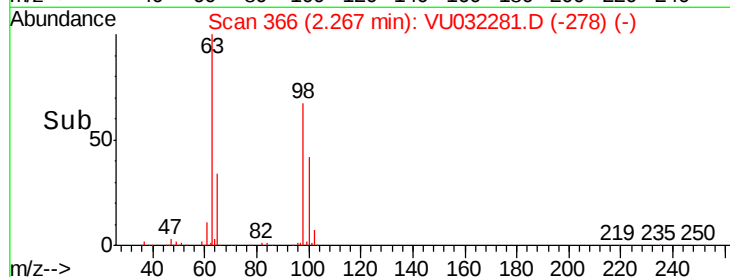
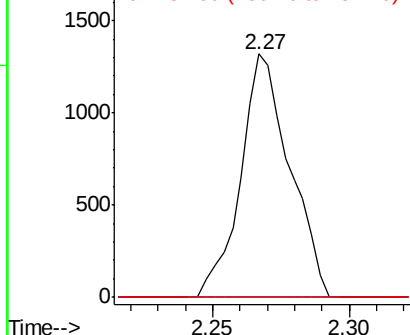
151 0.0 64.4 96.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032281.D

Acq: 23 May 2019 20:18

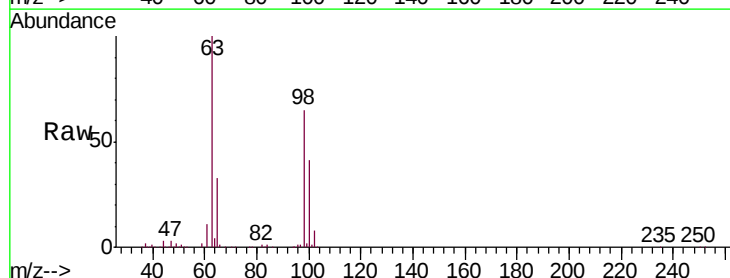
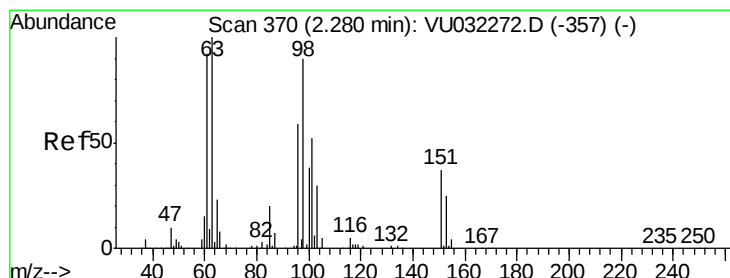
Tgt Ion: 96 Resp: 1392

Ion Ratio Lower Upper

96 100

61 966.7 113.8 211.3#

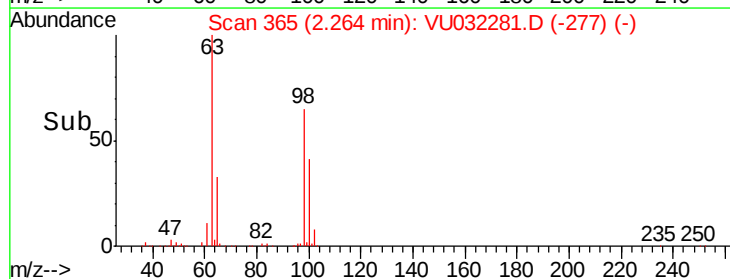
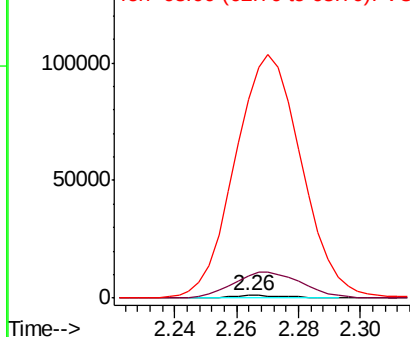
63 8419.5 108.8 202.2#

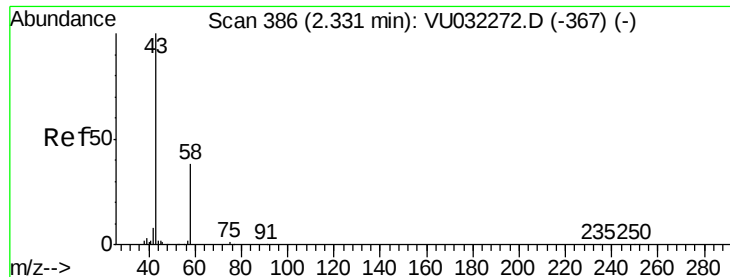


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.250 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032281.D

Acq: 23 May 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

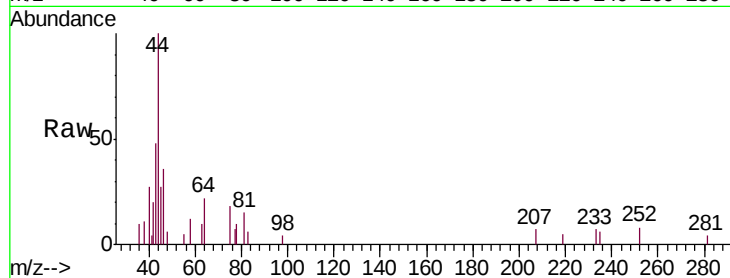
C0BP2DL

Tgt Ion: 43 Resp: 3622

Ion Ratio Lower Upper

43 100

58 7.4 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.34

1500

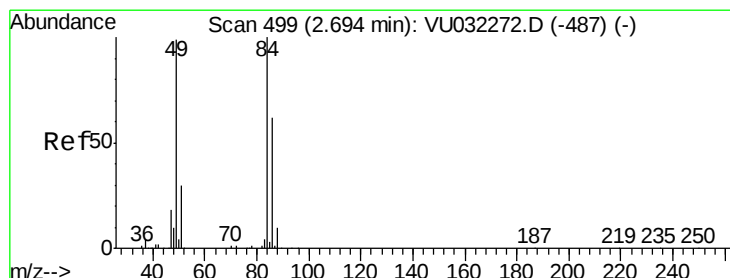
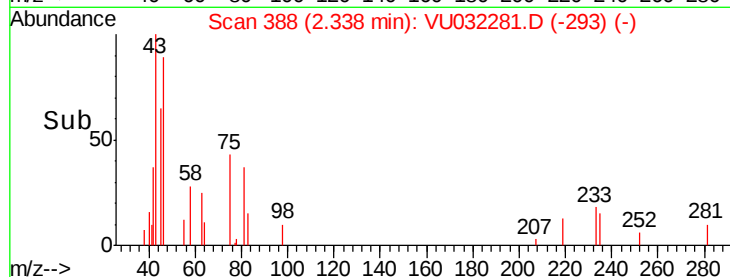
1000

500

0

2.30 2.35 2.40

Time-->



#16

Methylene chloride

Concen: 0.145 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032281.D

Acq: 23 May 2019 20:18

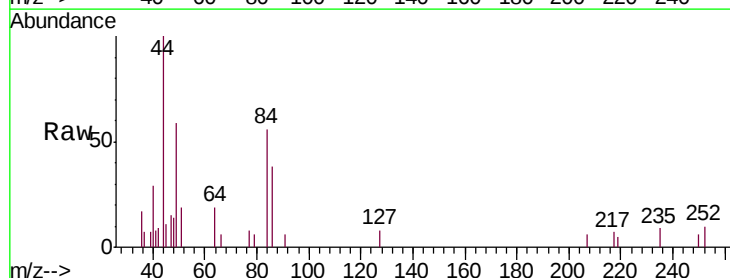
Tgt Ion: 84 Resp: 2265

Ion Ratio Lower Upper

84 100

86 69.1 43.6 81.0

49 107.0 71.1 132.1



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

2.69

1500

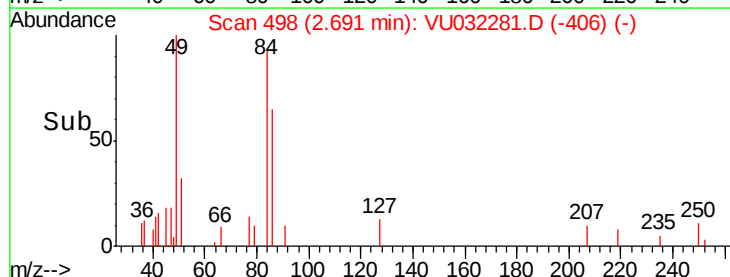
1000

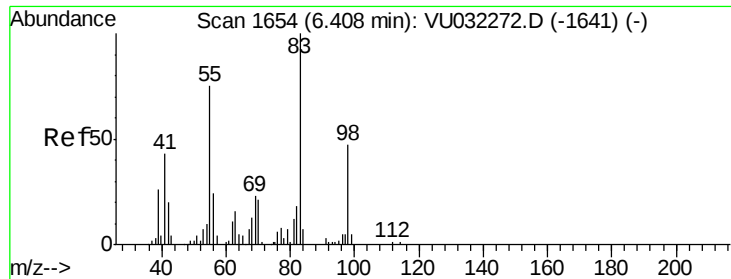
500

0

2.65 2.70

Time-->

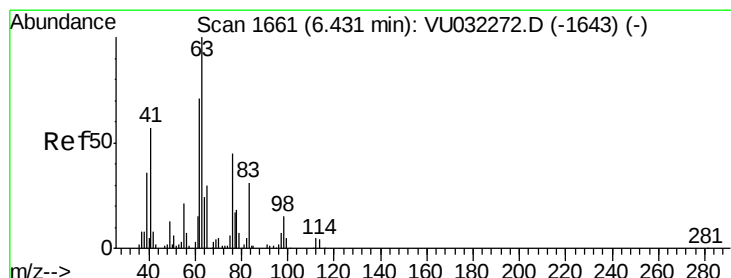
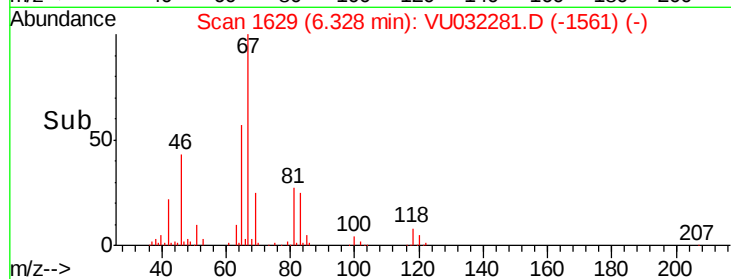
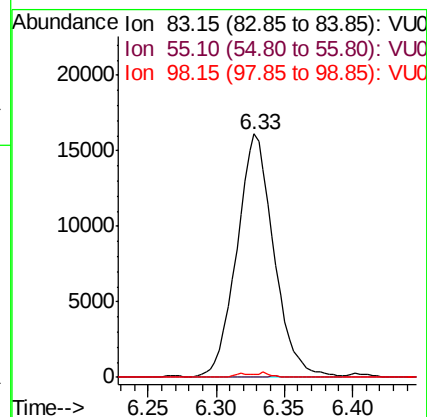
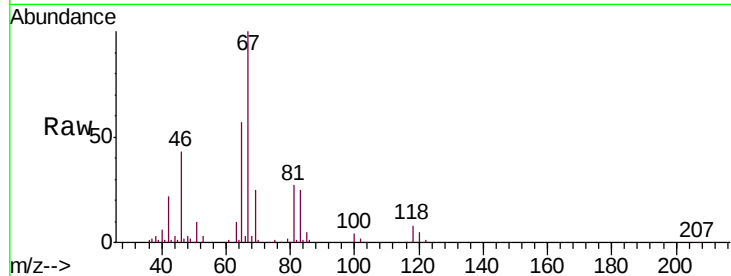




#35
Methylcyclohexane
Concen: 1.674 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032281.D
Acq: 23 May 2019 20:18

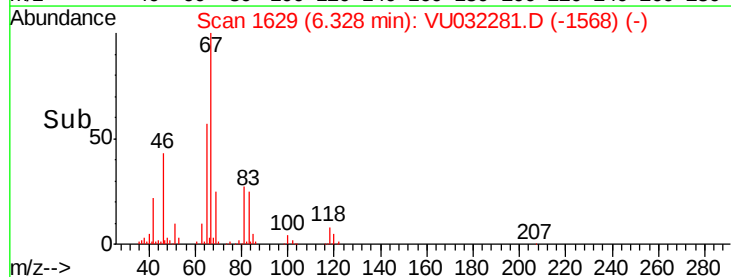
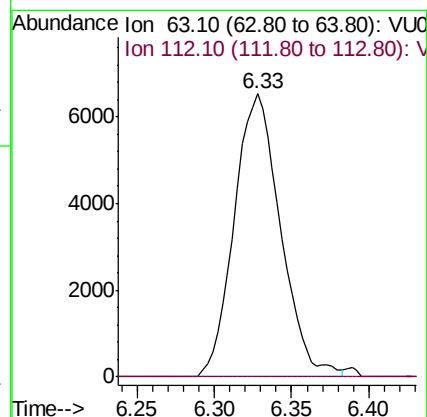
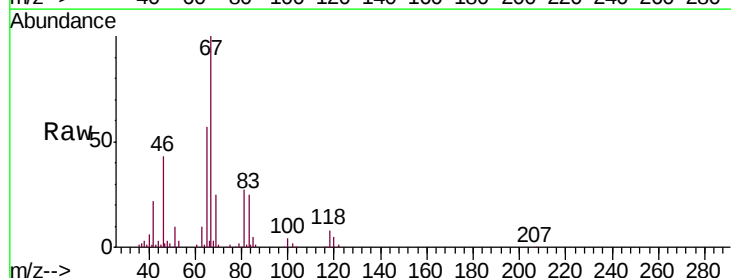
Instrument :
MSVOA_U
ClientSampleId :
C0BP2DL

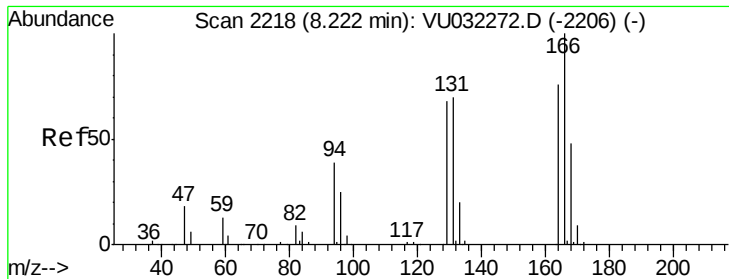
Tgt Ion: 83 Resp: 30426
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.5 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.224 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032281.D
Acq: 23 May 2019 20:18

Tgt Ion: 63 Resp: 13553
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#

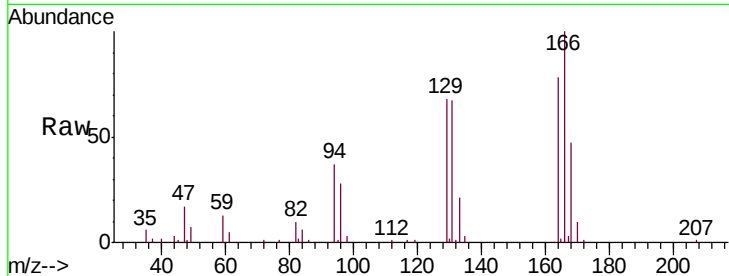




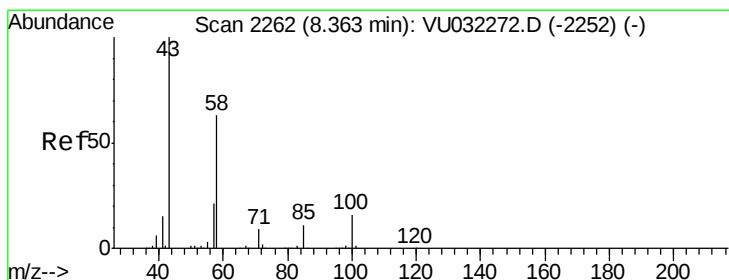
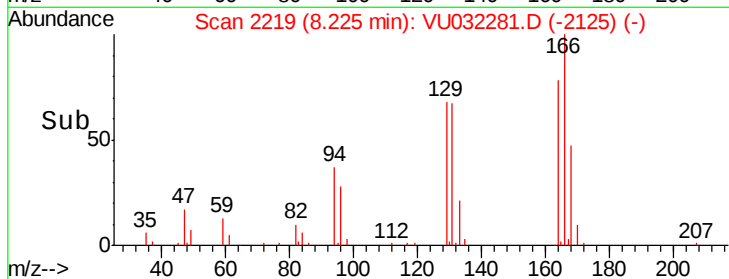
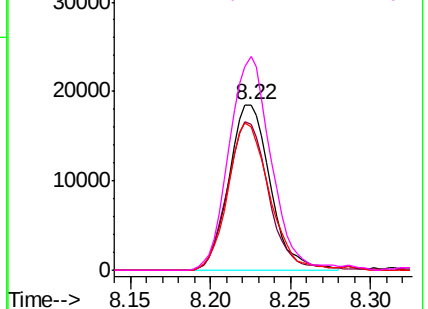
#47
Tetrachloroethene
Concen: 3.211 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032281.D
Acq: 23 May 2019 20:18

Instrument :
MSVOA_U
ClientSampleId :
C0BP2DL

Tgt Ion:164 Resp: 32710
Ion Ratio Lower Upper
164 100
129 88.0 67.1 124.7
131 86.2 62.2 115.4
166 128.9 90.9 168.9

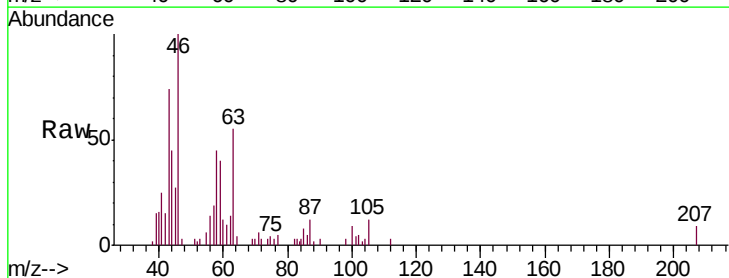


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

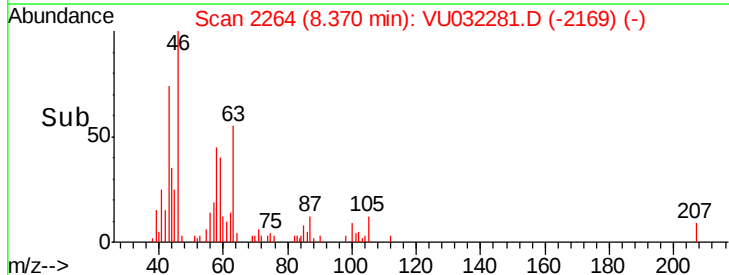
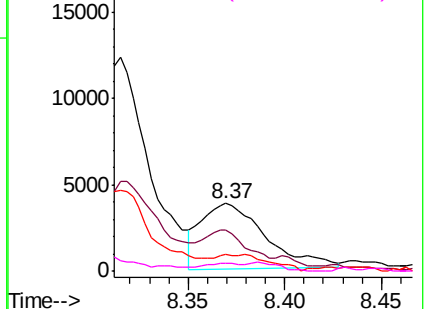


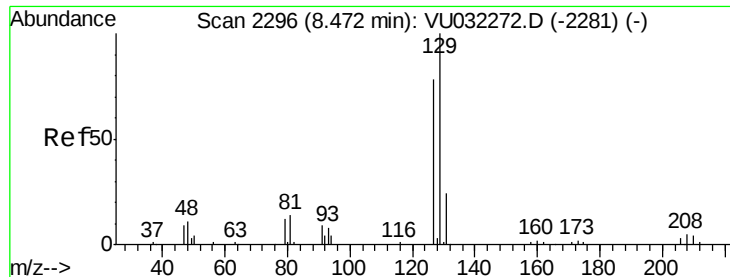
#48
2-Hexanone
Concen: 2.040 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032281.D
Acq: 23 May 2019 20:18

Tgt Ion: 43 Resp: 8756
Ion Ratio Lower Upper
43 100
58 28.4 49.7 74.5#
57 19.9 17.1 25.7
100 6.0 11.6 17.4#



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: 2.980 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032281.D

Acq: 23 May 2019 20:18

Instrument :

MSVOA_U

ClientSampleId :

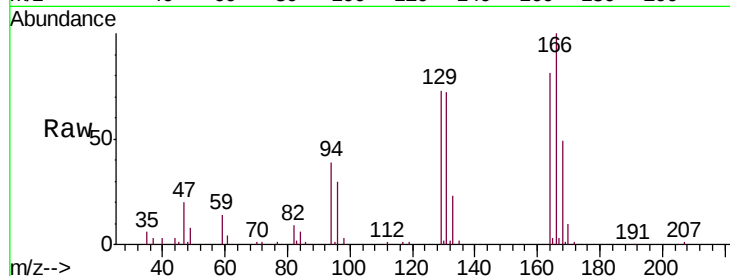
C0BP2DL

Tgt Ion:129 Resp: 28996

Ion Ratio Lower Upper

129 100

127 0.0 51.7 95.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

15000

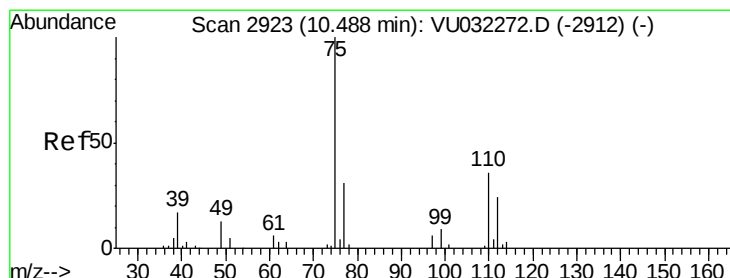
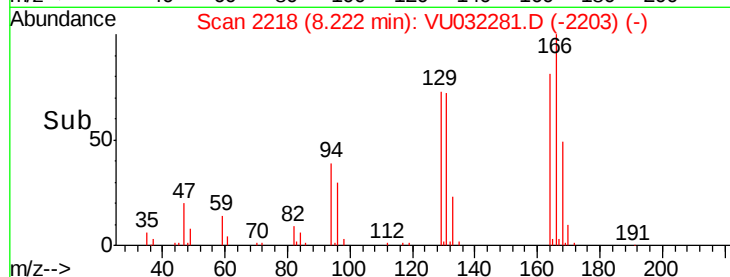
10000

5000

0

Time-->

8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.797 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032281.D

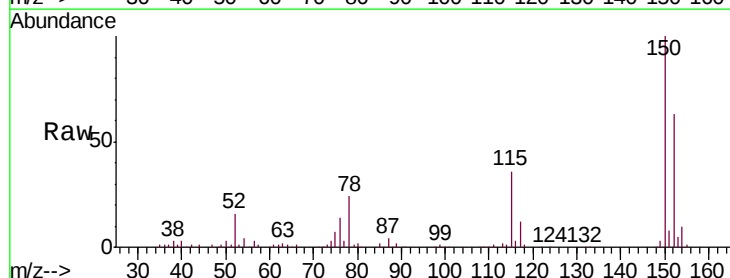
Acq: 23 May 2019 20:18

Tgt Ion: 75 Resp: 12956

Ion Ratio Lower Upper

75 100

77 37.6 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

8000

6000

4000

2000

0

Time-->

11.45 11.50 11.55

