

Data File : VU032241.D
Acq On : 22 May 2019 22:56
Operator : JC/SP
Sample : K2888-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP3

Quant Time: May 23 01:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	375532	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	383386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115606	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.68	69	97906	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	170295	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.21	46	247599	41.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.24%
24) Chloroform-d	4.64	84	223060	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	108429	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
32) Benzene-d6	5.33	84	460503	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.33	67	132649	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.00%
41) Toluene-d8	7.56	98	382709	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	7.85	79	43904	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.31	63	212096	41.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106599	3.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	60.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	137425	3.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.80%#

Target Compounds

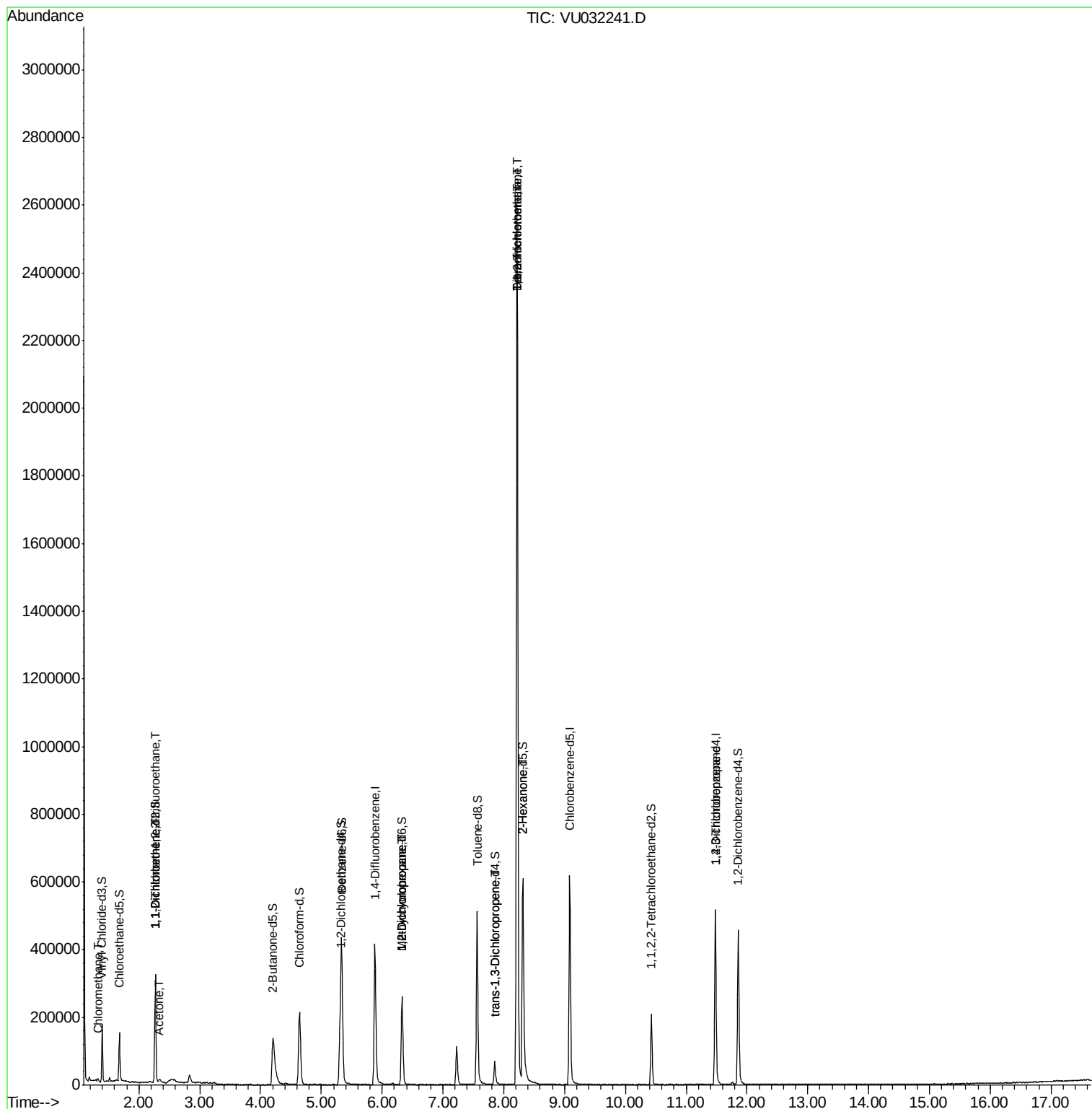
						Qvalue
3) Chloromethane	1.32	50	7149	0.444	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2386	0.179	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1480	0.111	ug/L #	1
13) Acetone	2.34	43	9028	4.898	ug/L	62
35) Methylcyclohexane	6.33	83	32112	1.566	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13781	1.104	ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	1880	0.135	ug/L	94
45) 1,1,2-Trichloroethane	8.22	97	4439	0.460	ug/L #	1
47) Tetrachloroethene	8.22	164	635973	55.350	ug/L	97
48) 2-Hexanone	8.31	43	25895	5.349	ug/L #	74
49) Dibromochloromethane	8.22	129	578053	52.668	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	16275	2.001	ug/L	99

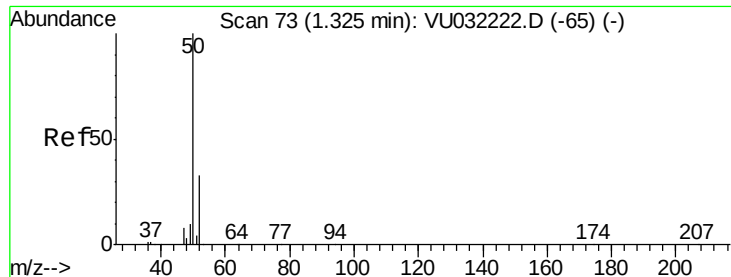
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.444 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032241.D

Acq: 22 May 2019 22:56

Instrument :

MSVOA_U

ClientSampleId :

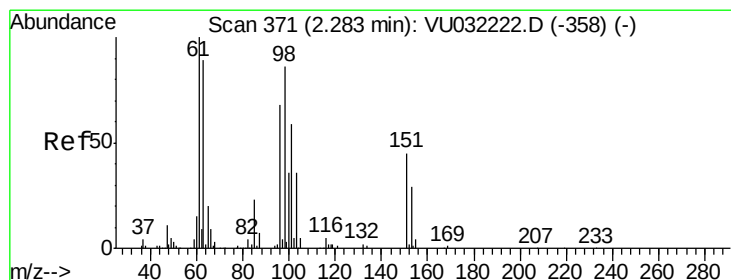
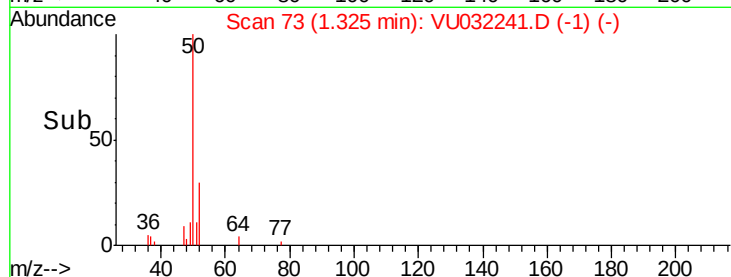
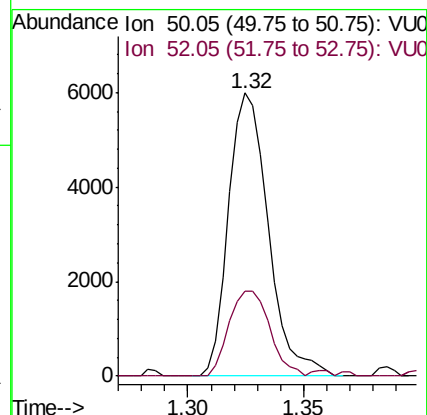
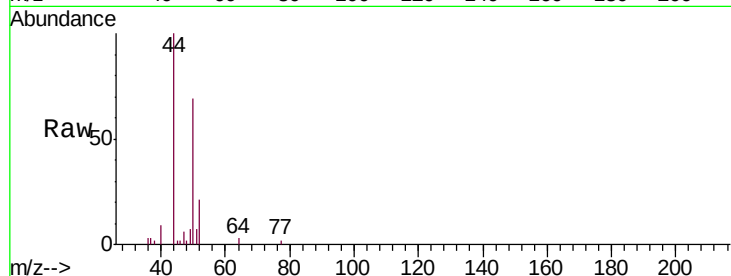
C0BP3

Tgt Ion: 50 Resp: 7149

Ion Ratio Lower Upper

50 100

52 30.1 23.3 43.3



#10

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

Concen: 0.179 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032241.D

Acq: 22 May 2019 22:56

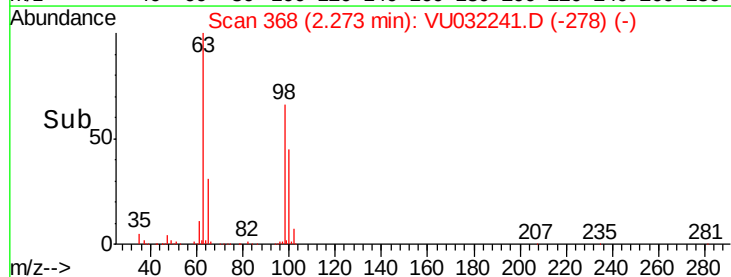
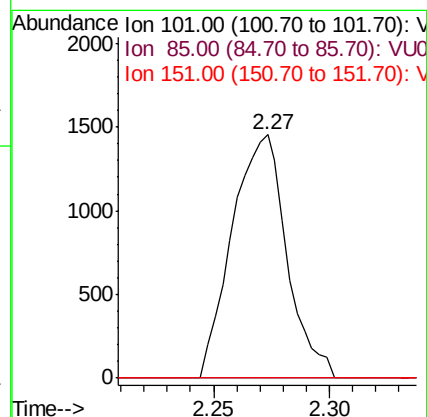
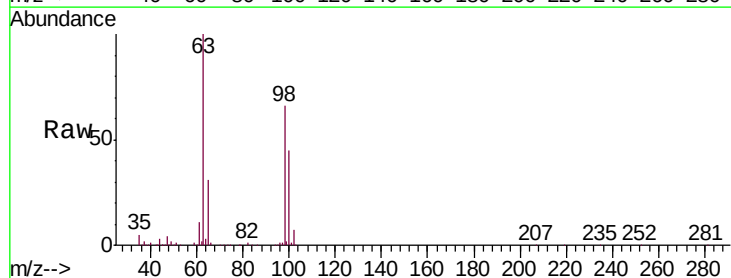
Tgt Ion: 101 Resp: 2386

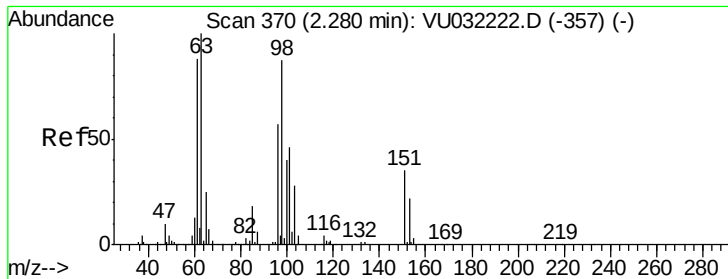
Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

151 0.0 64.4 96.6#

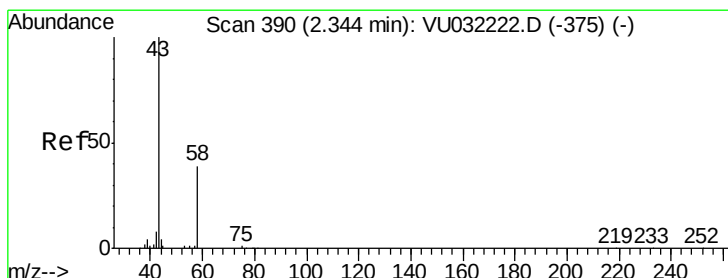
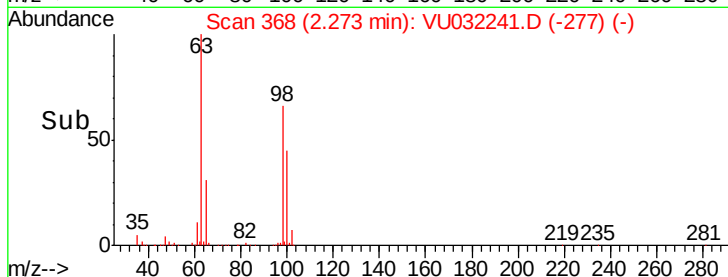
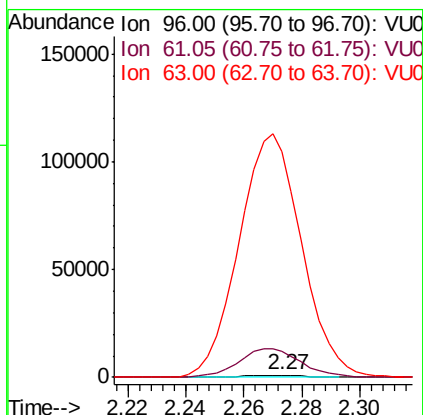
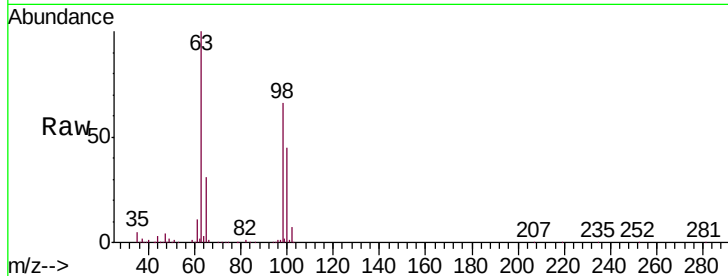




#12
 1,1-Dichloroethene
 Concen: 0.111 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU032241.D
 Acq: 22 May 2019 22:56

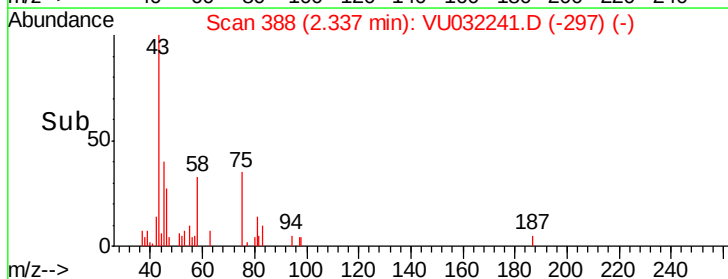
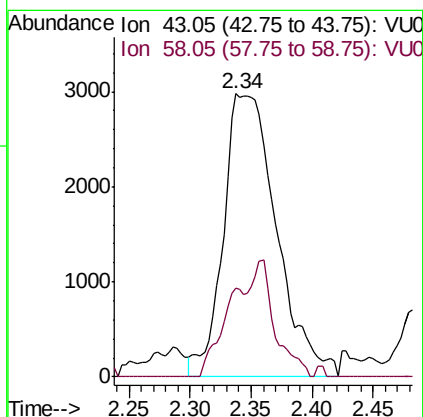
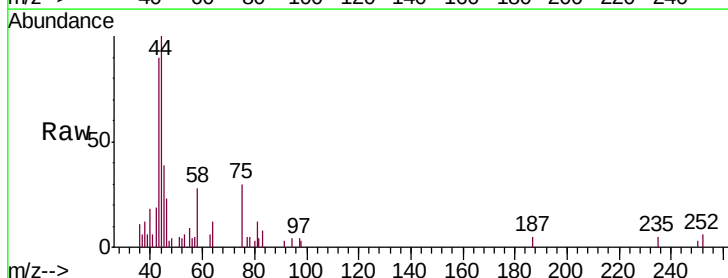
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP3

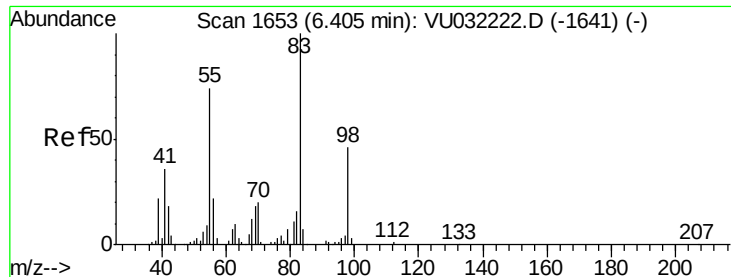
Tgt Ion: 96 Resp: 1480
 Ion Ratio Lower Upper
 96 100
 61 1089.4 113.8 211.3#
 63 9659.0 108.8 202.2#



#13
 Acetone
 Concen: 4.898 ug/L
 RT: 2.34 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VU032241.D
 Acq: 22 May 2019 22:56

Tgt Ion: 43 Resp: 9028
 Ion Ratio Lower Upper
 43 100
 58 13.9 0.0 72.6

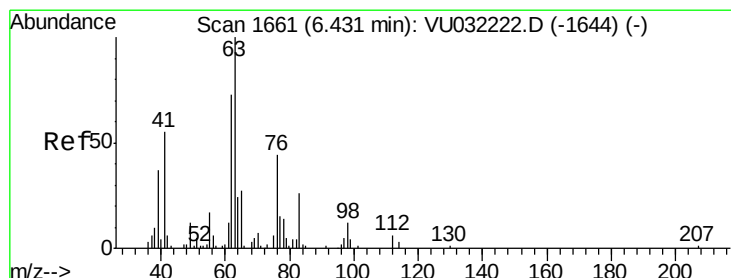
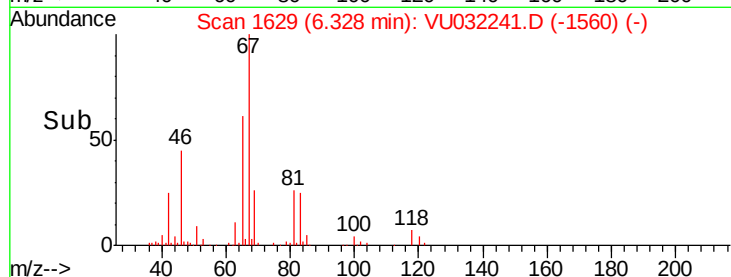
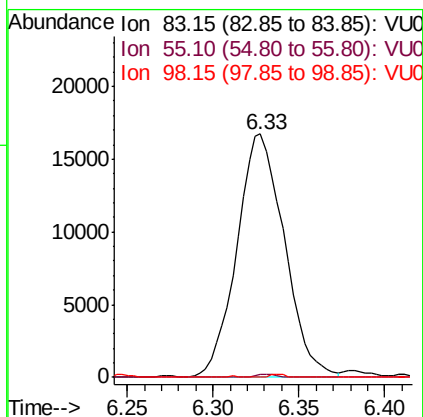
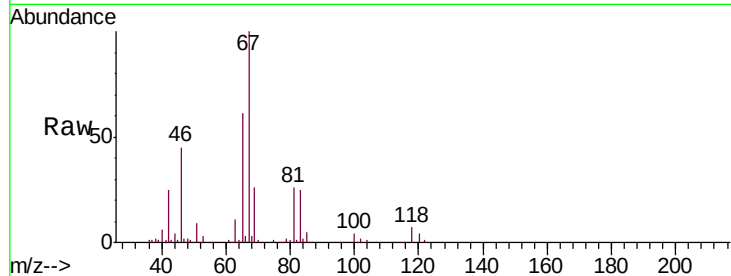




#35
Methylcyclohexane
Concen: 1.566 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032241.D
Acq: 22 May 2019 22:56

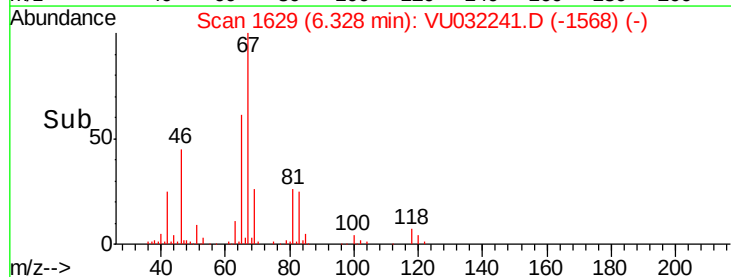
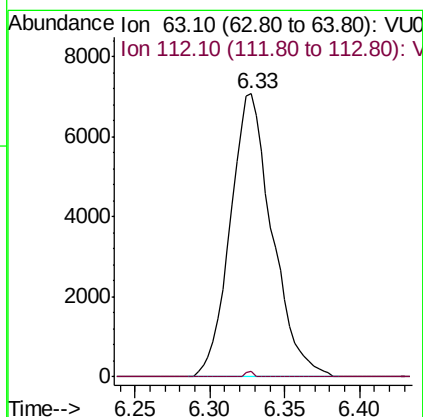
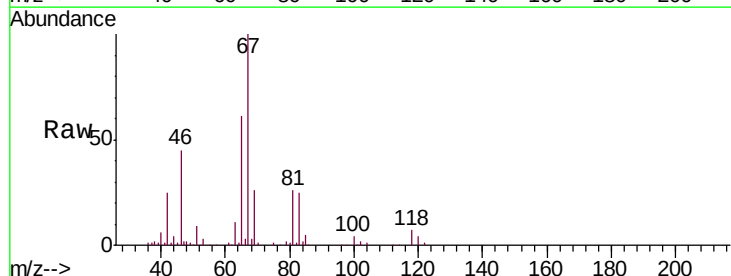
Instrument :
MSVOA_U
ClientSampled :
C0BP3

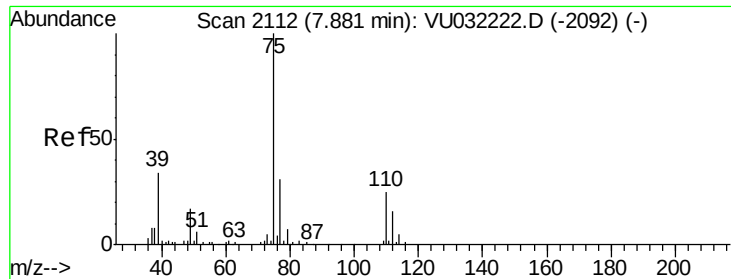
Tgt Ion: 83 Resp: 32112
Ion Ratio Lower Upper
83 100
55 0.4 59.7 89.5#
98 0.4 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.104 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032241.D
Acq: 22 May 2019 22:56

Tgt Ion: 63 Resp: 13781
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#





#44

trans-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032241.D

Acq: 22 May 2019 22:56

Instrument :

MSVOA_U

ClientSampleId :

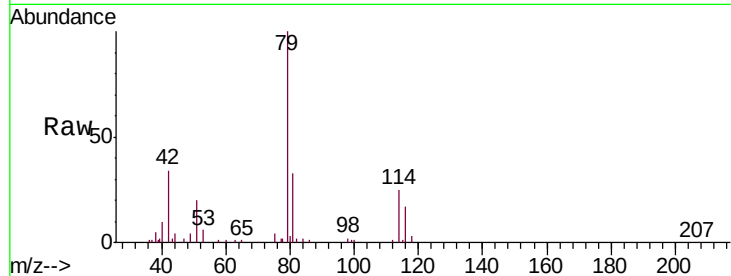
C0BP3

Tgt Ion: 75 Resp: 1880

Ion Ratio Lower Upper

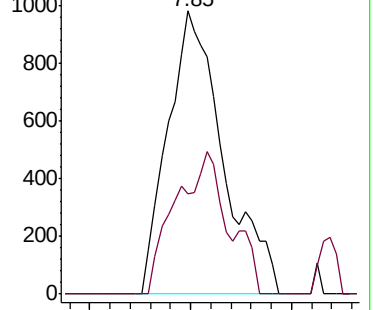
75 100

77 35.3 22.5 41.9

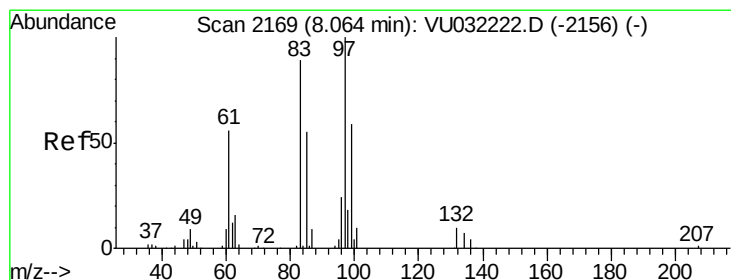
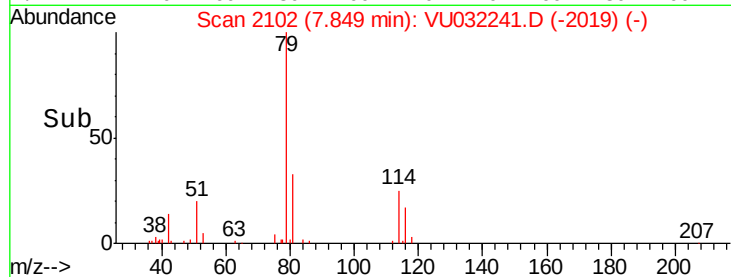


Abundance Ion 75.05 (74.75 to 75.75): VU032222.D (-2092) (-)

Ion 77.05 (76.75 to 77.75): VU032222.D (-2092) (-)



Time-->



#45

1,1,2-Trichloroethane

Concen: 0.460 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU032241.D

Acq: 22 May 2019 22:56

Tgt Ion: 97 Resp: 4439

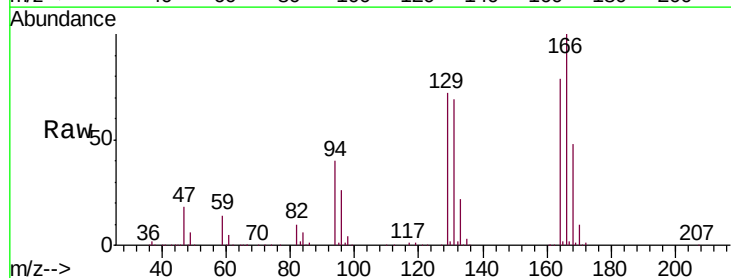
Ion Ratio Lower Upper

97 100

99 12.3 44.2 82.0#

83 254.0 60.5 112.3#

85 42.7 36.3 67.3

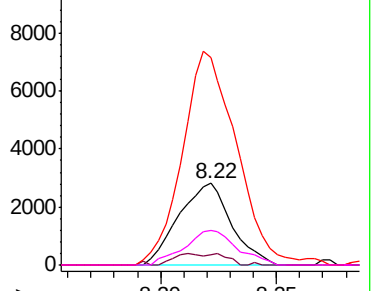


Abundance Ion 96.95 (96.65 to 97.65): VU032222.D (-2156) (-)

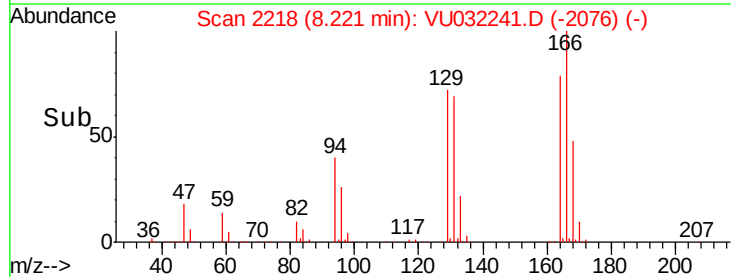
Ion 99.05 (98.75 to 99.75): VU032222.D (-2156) (-)

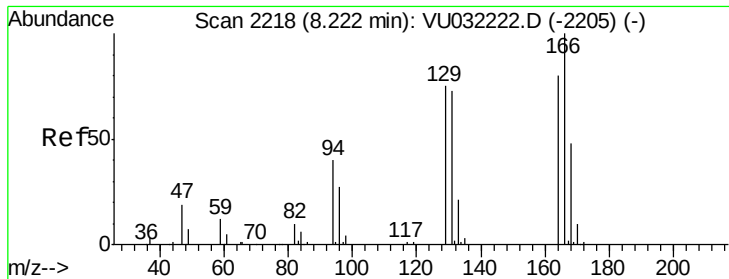
Ion 82.95 (82.65 to 83.65): VU032222.D (-2156) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-2156) (-)



Time-->

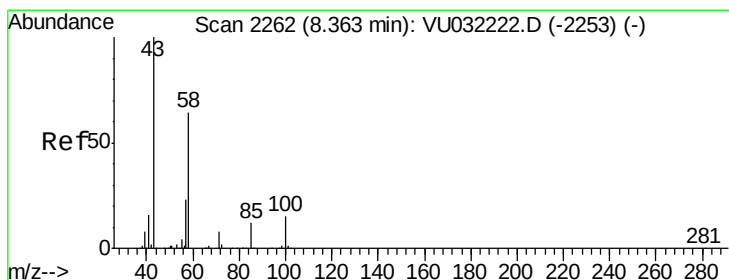
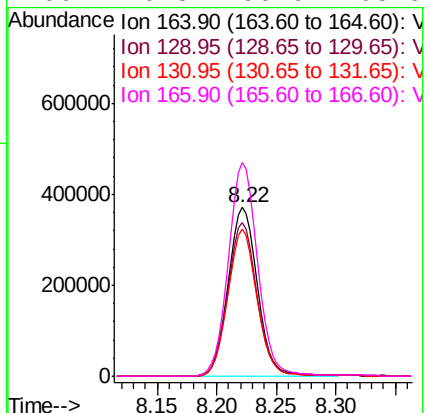
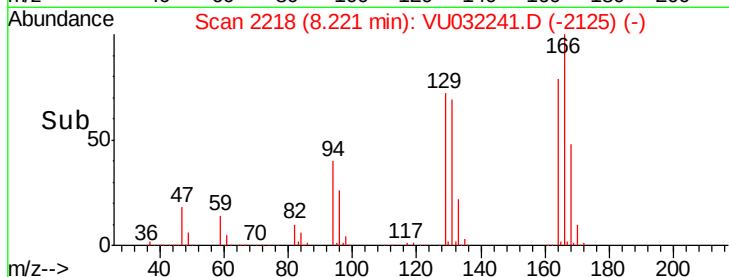
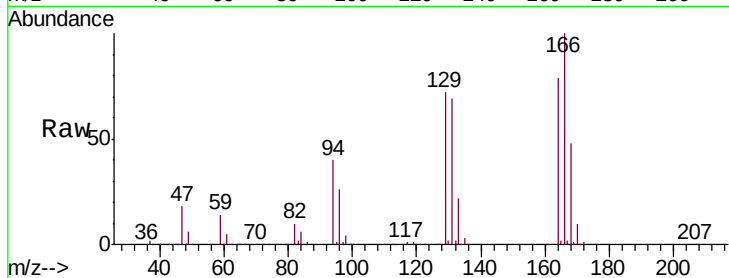




#47
Tetrachloroethene
Concen: 55.350 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032241.D
Acq: 22 May 2019 22:56

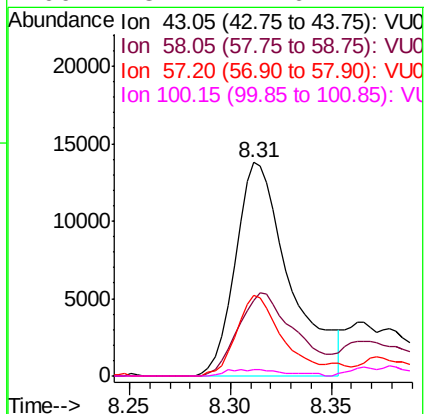
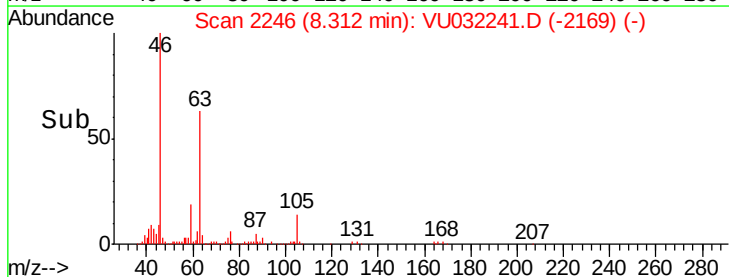
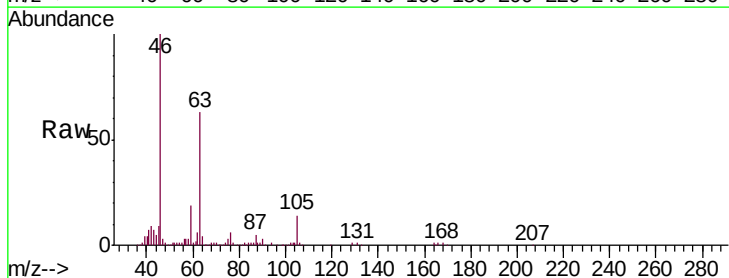
Instrument :
MSVOA_U
ClientSampleId :
C0BP3

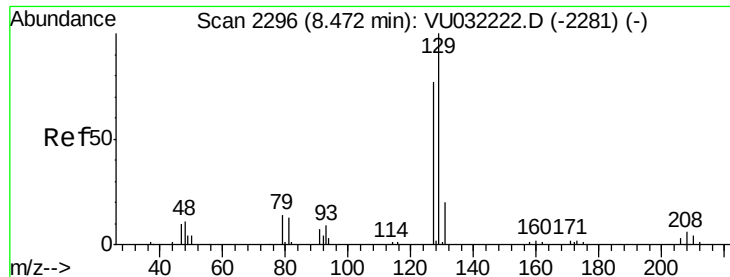
Tgt Ion:	164	Resp:	635973
Ion	Ratio	Lower	Upper
164	100		
129	91.5	67.1	124.7
131	87.2	62.2	115.4
166	126.8	90.9	168.9



#48
2-Hexanone
Concen: 5.349 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU032241.D
Acq: 22 May 2019 22:56

Tgt Ion:	43	Resp:	25895
Ion	Ratio	Lower	Upper
43	100		
58	41.3	49.7	74.5#
57	32.3	17.1	25.7#
100	3.4	11.6	17.4#





#49

Dibromochloromethane

Concen: 52.668 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032241.D

Acq: 22 May 2019 22:56

Instrument :

MSVOA_U

ClientSampleId :

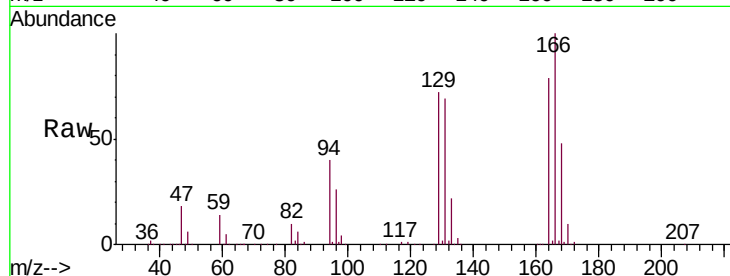
C0BP3

Tgt Ion:129 Resp: 578053

Ion Ratio Lower Upper

129 100

127 0.1 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

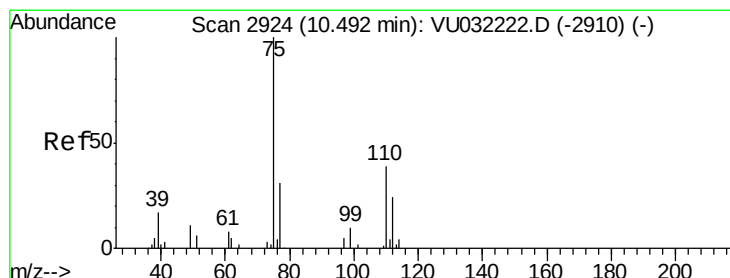
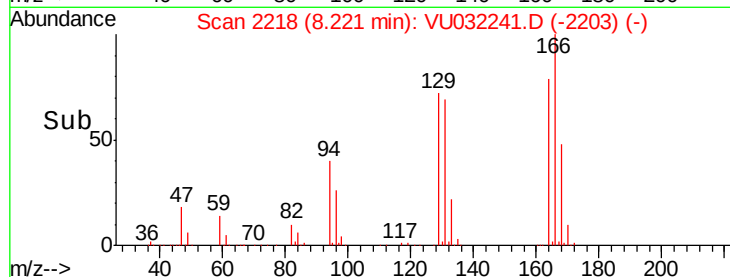
300000

200000

100000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 2.001 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032241.D

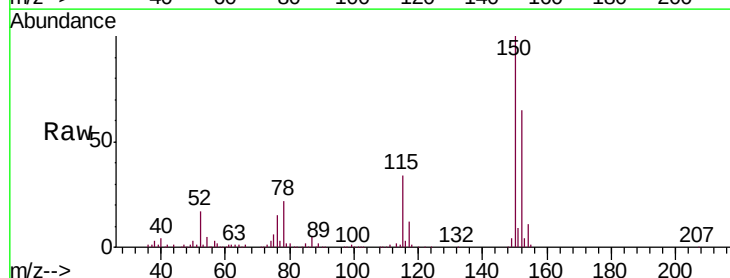
Acq: 22 May 2019 22:56

Tgt Ion: 75 Resp: 16275

Ion Ratio Lower Upper

75 100

77 36.0 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

10000

8000

6000

4000

2000

0

Time-->

