

Data File : VU032163.D
Acq On : 20 May 2019 18:39
Operator : JC/SP
Sample : K2888-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP8

Quant Time: May 21 08:34:05 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	352178	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145984	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92931	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.67	69	86731	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.27	63	134869	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.19	46	235323	40.41	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.82%
24) Chloroform-d	4.64	84	197380	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.31	65	101590	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
32) Benzene-d6	5.33	84	395178	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.20%
36) 1,2-Dichloropropane-d6	6.33	67	119697	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.56	98	319891	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	7.85	79	39601	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	8.31	63	196508	37.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109590	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	131055	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

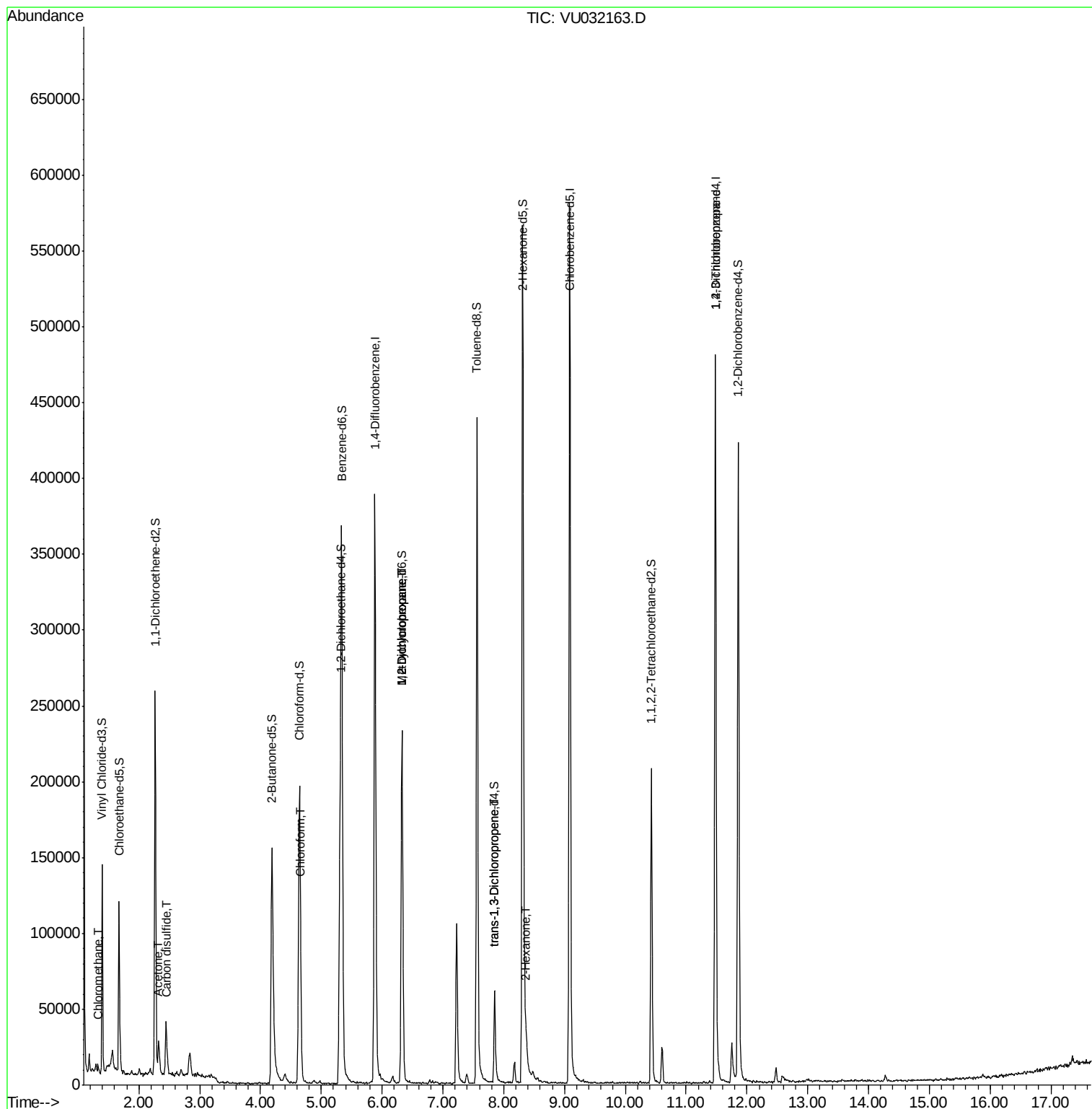
					Qvalue
3) Chloromethane	1.33	50	2385	0.141 ug/L #	69
13) Acetone	2.32	43	17471	9.137 ug/L	97
14) Carbon disulfide	2.47	76	5179	0.115 ug/L #	54
25) Chloroform	4.67	83	5608	0.218 ug/L	88
35) Methylcyclohexane	6.32	83	29656	1.360 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12529	0.918 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	1599	0.109 ug/L	91
48) 2-Hexanone	8.37	43	9205	1.875 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	13099	1.511 ug/L #	81

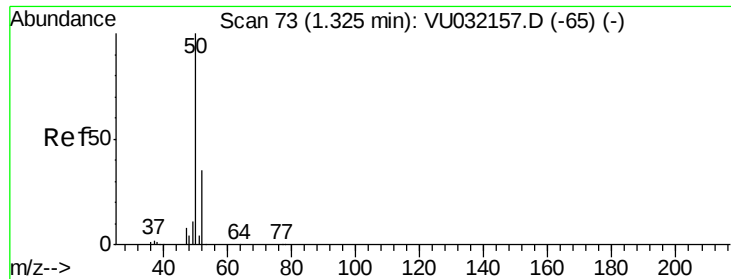
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.141 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.01 min

Lab File: VU032163.D

Acq: 20 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

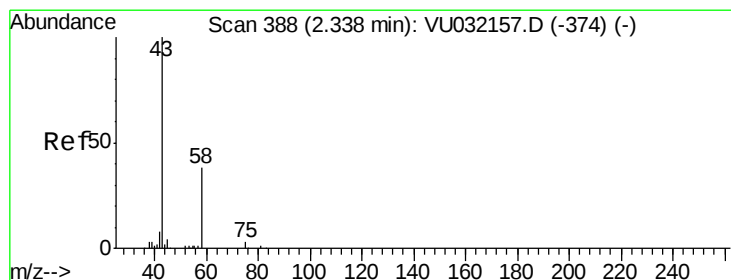
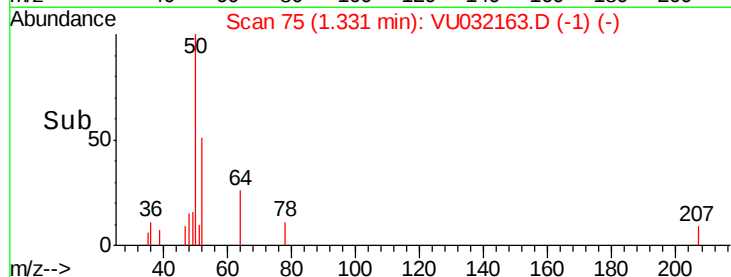
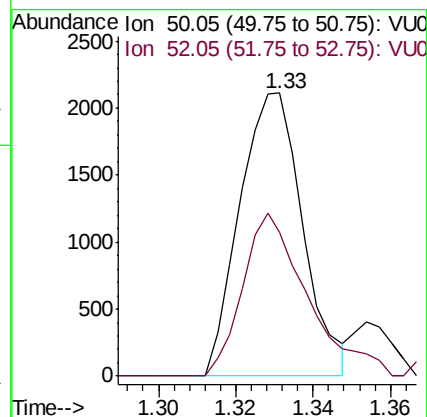
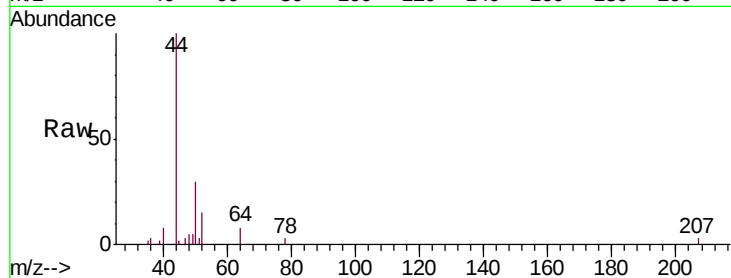
C0BP8

Tgt Ion: 50 Resp: 2385

Ion Ratio Lower Upper

50 100

52 50.8 23.2 43.0#



#13

Acetone

Concen: 9.137 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032163.D

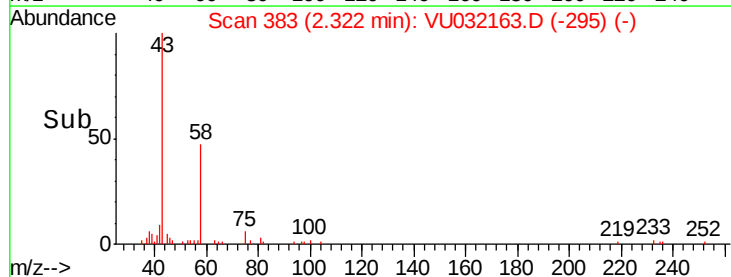
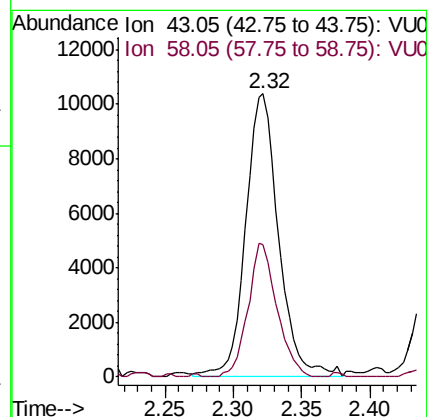
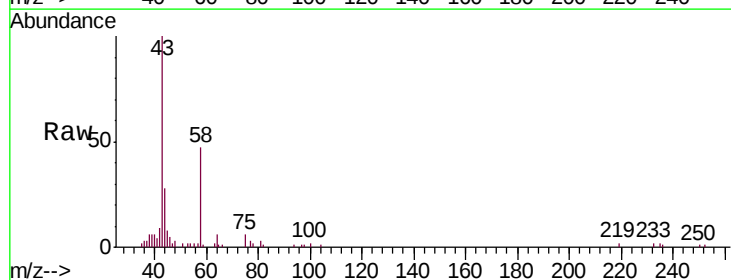
Acq: 20 May 2019 18:39

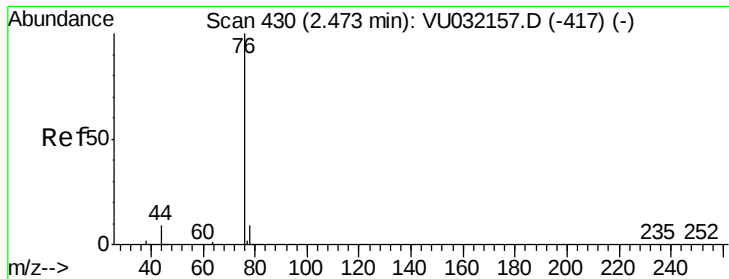
Tgt Ion: 43 Resp: 17471

Ion Ratio Lower Upper

43 100

58 41.3 0.0 78.8





#14

Carbon disulfide

Concen: 0.115 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032163.D

Acq: 20 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

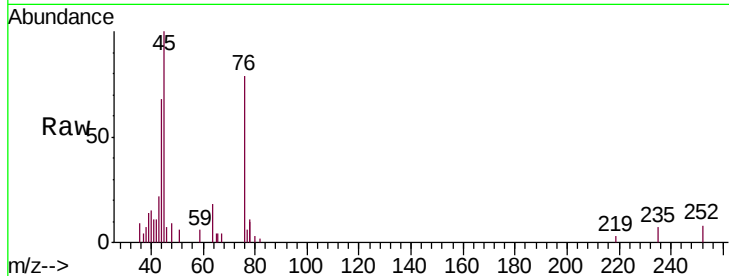
C0BP8

Tgt Ion: 76 Resp: 5179

Ion Ratio Lower Upper

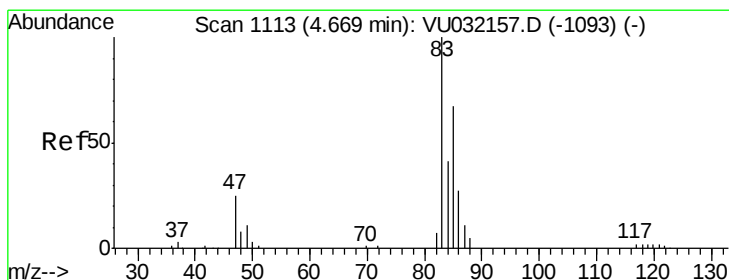
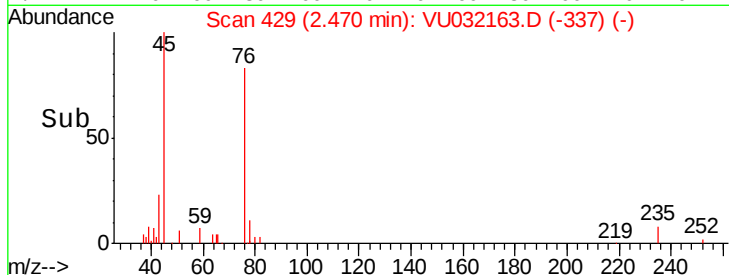
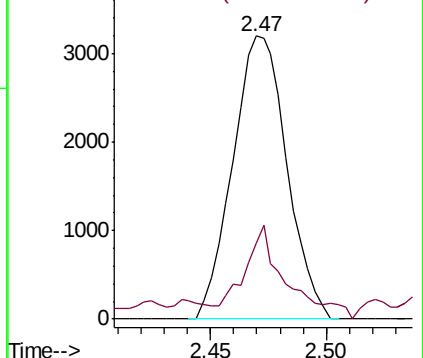
76 100

78 26.7 7.8 11.6#



Abundance Ion 76.05 (75.75 to 76.75): VU032157.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU032157.D (-417) (-)



#25

Chloroform

Concen: 0.218 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032163.D

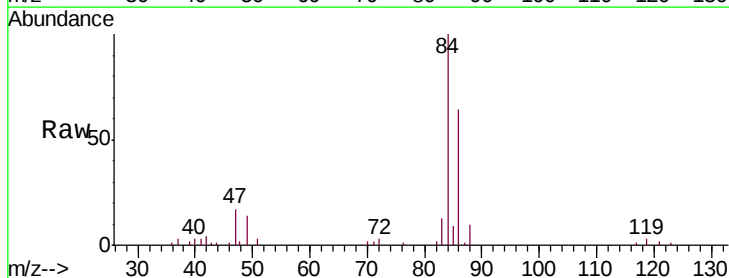
Acq: 20 May 2019 18:39

Tgt Ion: 83 Resp: 5608

Ion Ratio Lower Upper

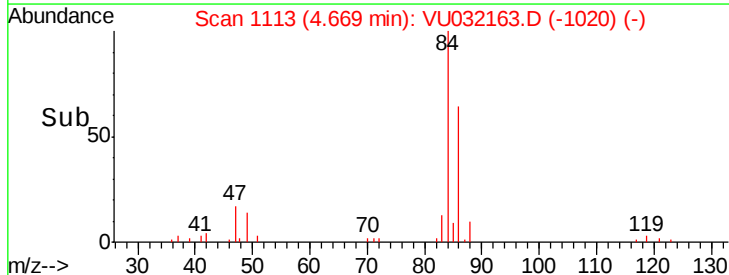
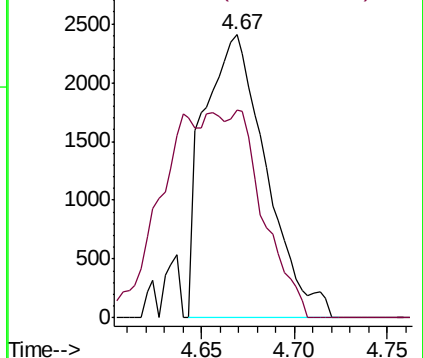
83 100

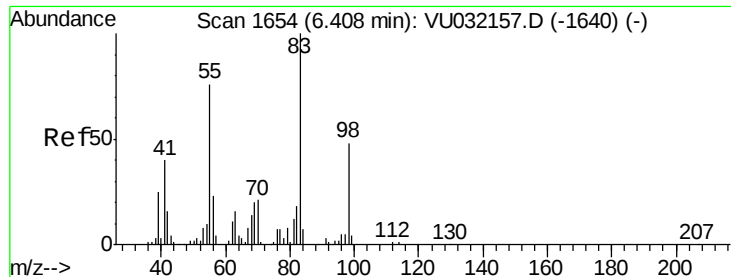
85 73.6 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU032157.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU032157.D (-1093) (-)





#35

Methylcyclohexane

Concen: 1.360 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032163.D

Acq: 20 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

C0BP8

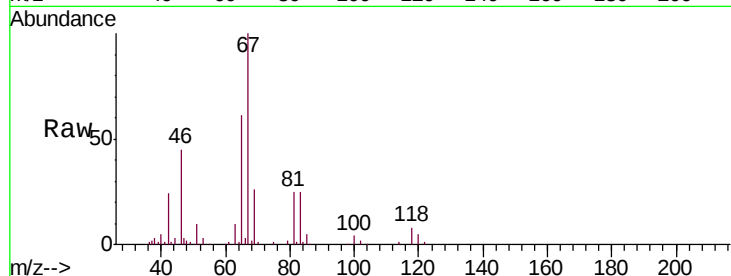
Tgt Ion: 83 Resp: 29656

Ion Ratio Lower Upper

83 100

55 0.7 59.7 89.5#

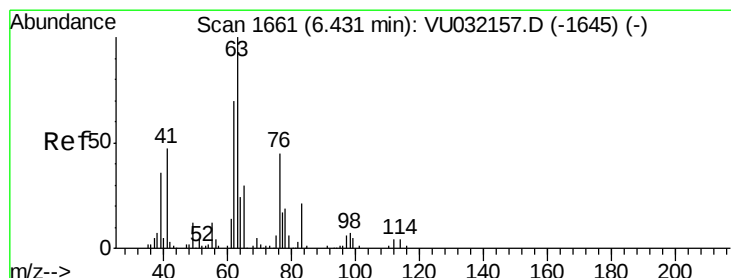
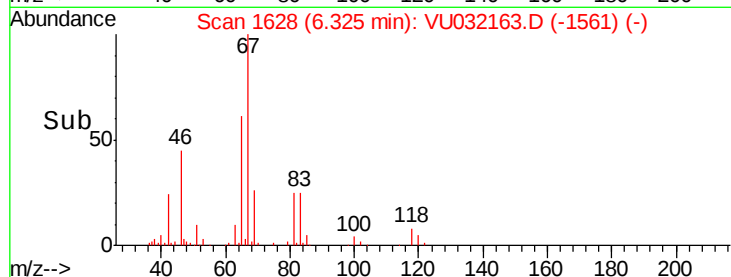
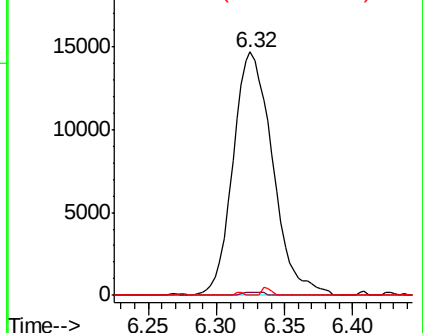
98 0.8 36.8 55.2#



Abundance Ion 83.15 (82.85 to 83.85): VU032163.D (-1561) (-)

Ion 55.10 (54.80 to 55.80): VU032163.D (-1561) (-)

Ion 98.15 (97.85 to 98.85): VU032163.D (-1561) (-)



#37

1,2-Dichloropropane

Concen: 0.918 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU032163.D

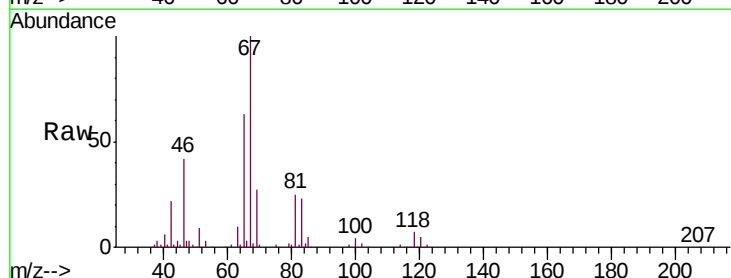
Acq: 20 May 2019 18:39

Tgt Ion: 63 Resp: 12529

Ion Ratio Lower Upper

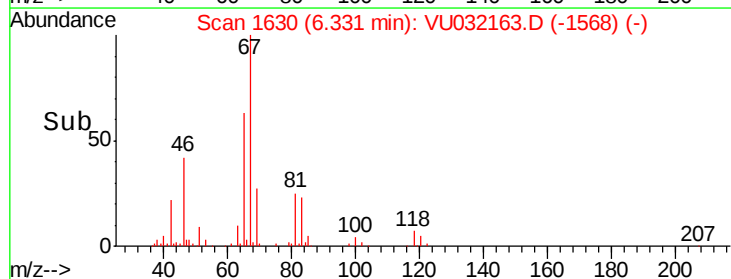
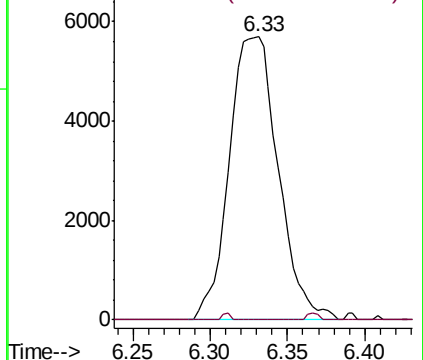
63 100

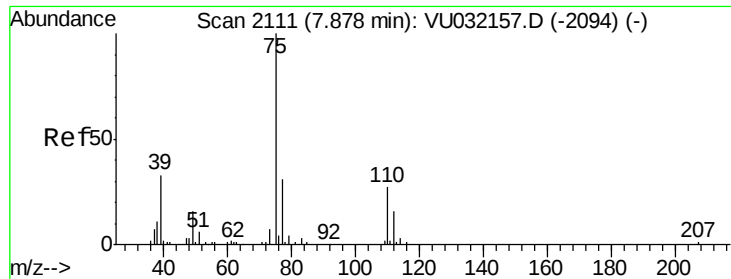
112 0.4 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032163.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VU032163.D (-1568) (-)

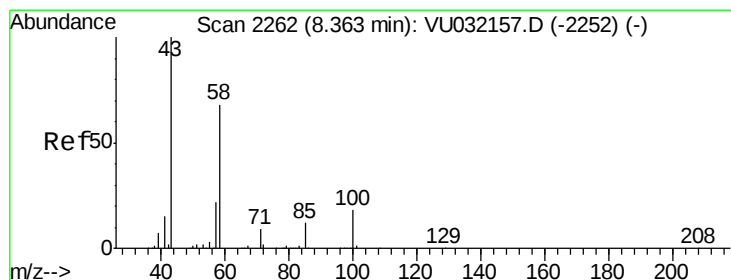
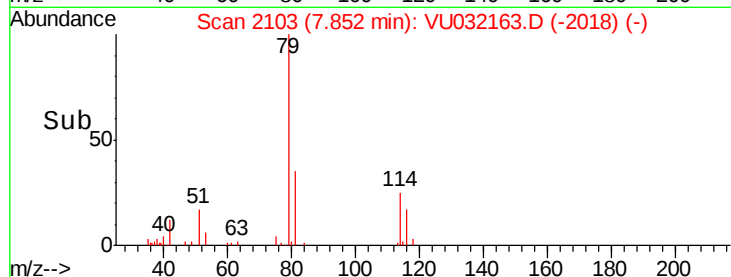
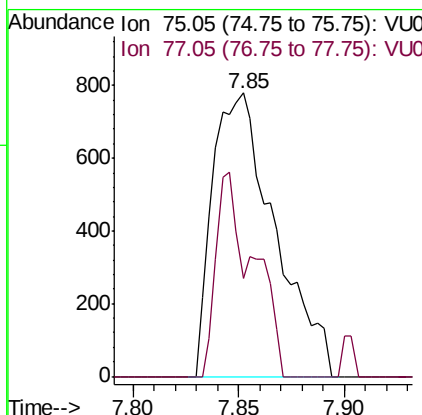
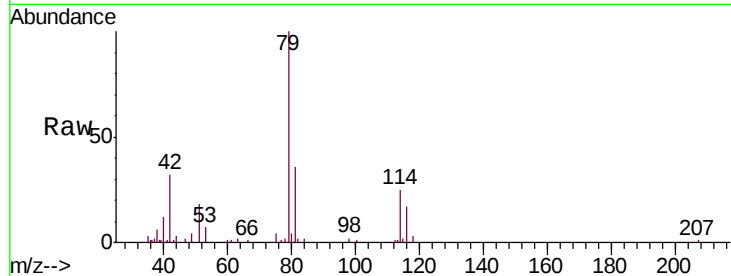




#44
trans-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032163.D
Acq: 20 May 2019 18:39

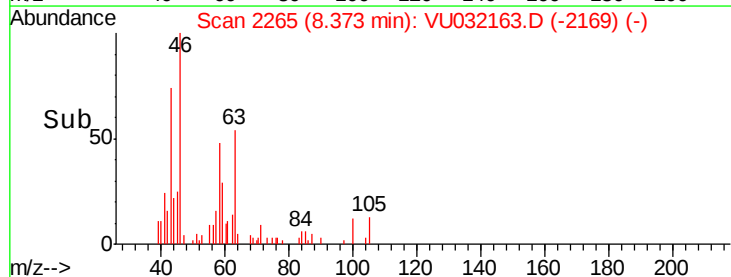
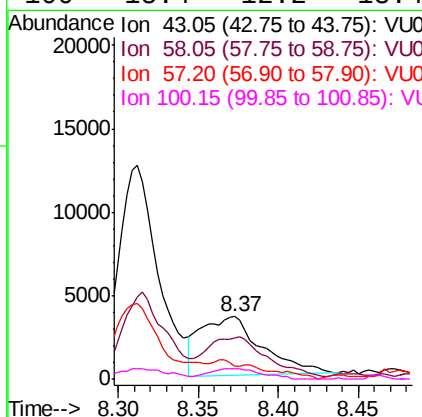
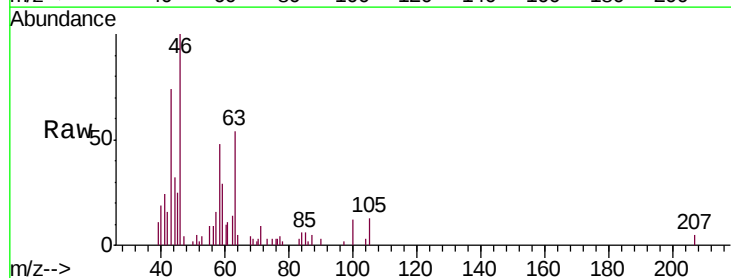
Instrument :
MSVOA_U
ClientSampleId :
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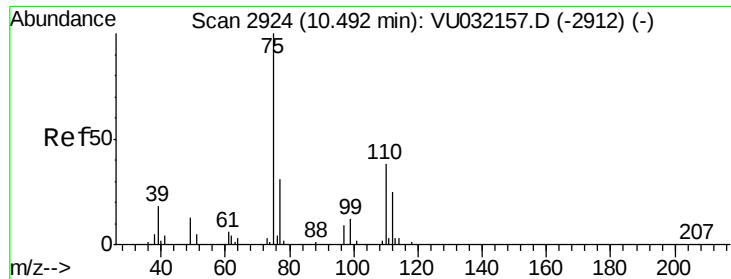
Tgt Ion: 75 Resp: 1599
Ion Ratio Lower Upper
75 100
77 34.8 21.0 39.0



#48
2-Hexanone
Concen: 1.875 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032163.D
Acq: 20 May 2019 18:39

Tgt Ion: 43 Resp: 9205
Ion Ratio Lower Upper
43 100
58 66.1 51.6 77.4
57 3.9 18.4 27.6#
100 15.4 12.2 18.4





#59

1,2,3-Trichloropropane

Concen: 1.511 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032163.D

Acq: 20 May 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

C0BP8

Tgt Ion: 75 Resp: 13099

Ion Ratio Lower Upper

75 100

77 43.2 26.2 39.2#

