

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032350.D
 Acq On : 29 May 2019 10:47
 Operator : JC/SP
 Sample : K3045-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C51

Quant Time: May 30 05:37:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	351738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	347606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126095	6.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.60%
7) Chloroethane-d5	1.68	69	109935	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.27	63	180989	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.19	46	289976	52.04	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	4.64	84	232622	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	116506	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.33	84	483309	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.33	67	145764	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.56	98	408477	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.85	79	49919	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.31	63	206606	44.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114892	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	157994	3.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

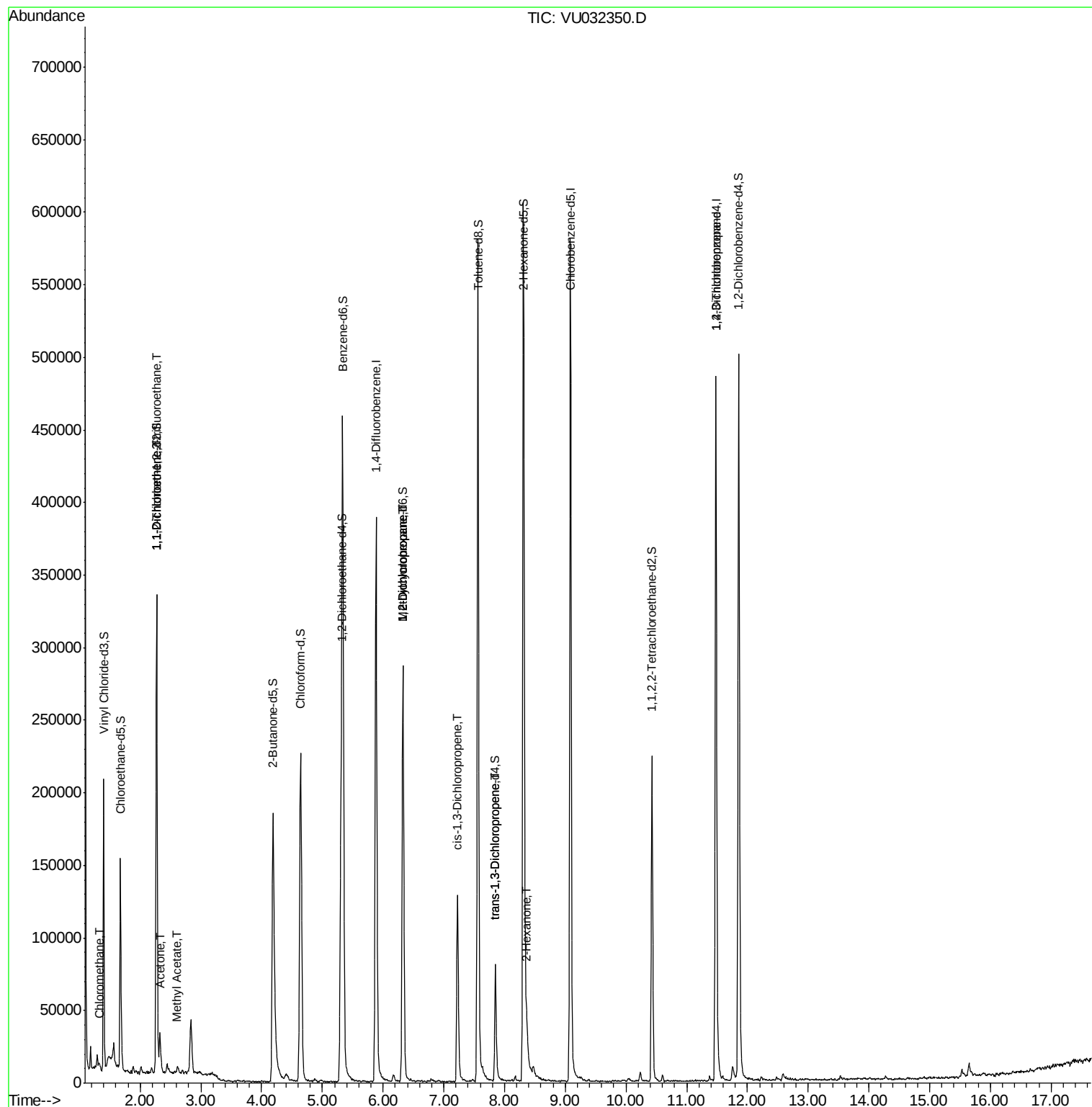
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3143	0.208	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1841	0.148	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1834	0.147	ug/L #	1
13) Acetone	2.32	43	23870	13.827	ug/L	95
15) Methyl Acetate	2.61	43	6460	1.275	ug/L #	78
35) Methylcyclohexane	6.33	83	34152	1.837	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	15813	1.397	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3214	0.199	ug/L #	49
44) trans-1,3-Dichloropropene	7.85	75	1861	0.147	ug/L #	53
48) 2-Hexanone	8.37	43	14968	3.410	ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	16038	2.175	ug/L	97

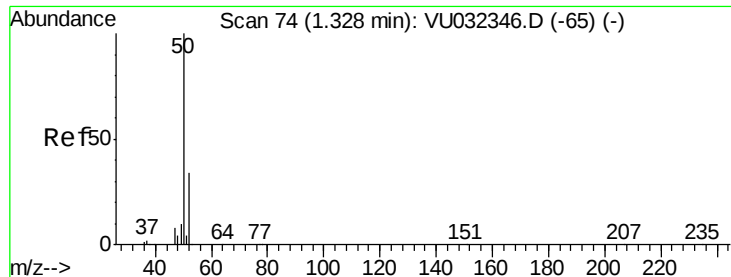
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

Instrument :

MSVOA_U

ClientSampleId :

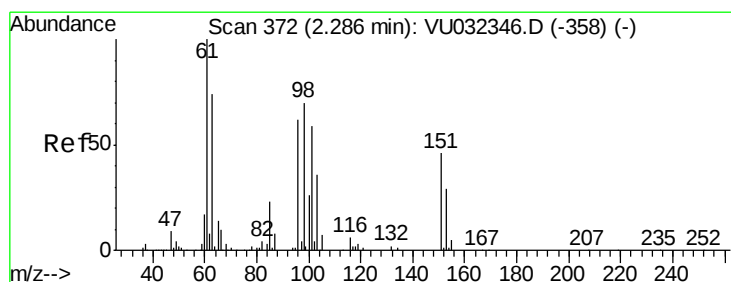
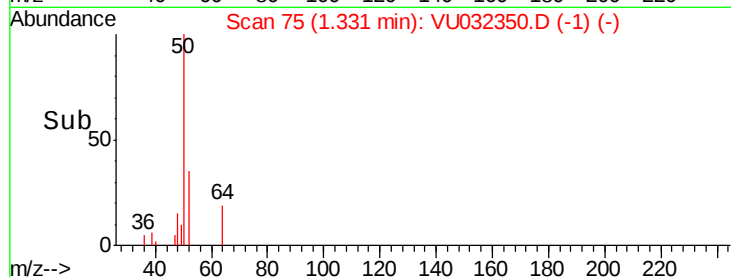
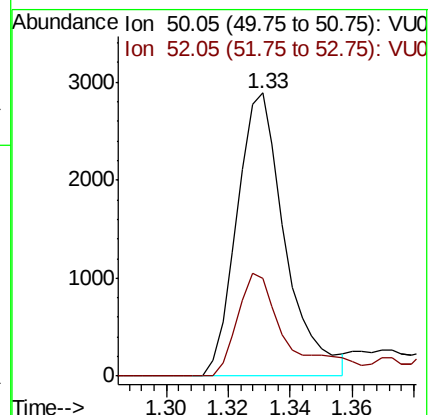
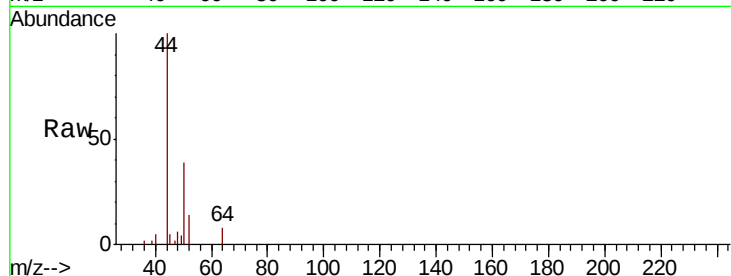
C0C51

Tgt Ion: 50 Resp: 3143

Ion Ratio Lower Upper

50 100

52 34.7 23.3 43.3



#10

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

Concen: 0.148 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

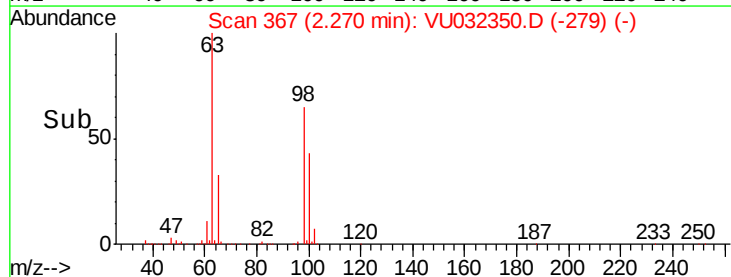
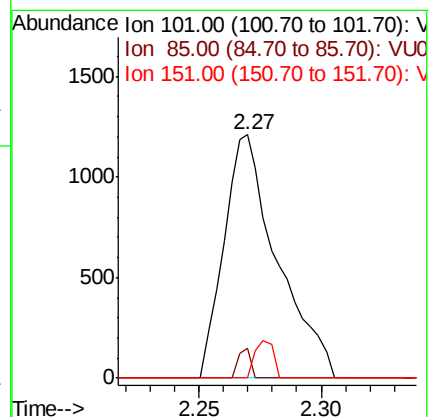
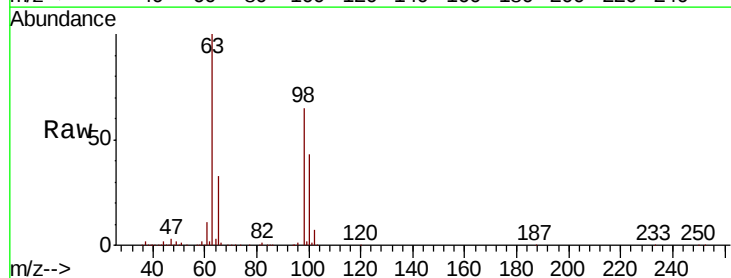
Tgt Ion: 101 Resp: 1841

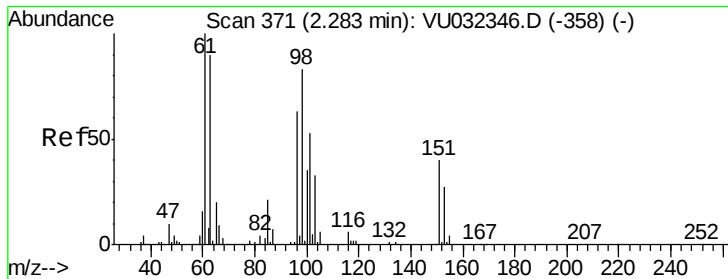
Ion Ratio Lower Upper

101 100

85 2.9 34.2 51.4#

151 5.2 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

Instrument :

MSVOA_U

ClientSampleId :

C0C51

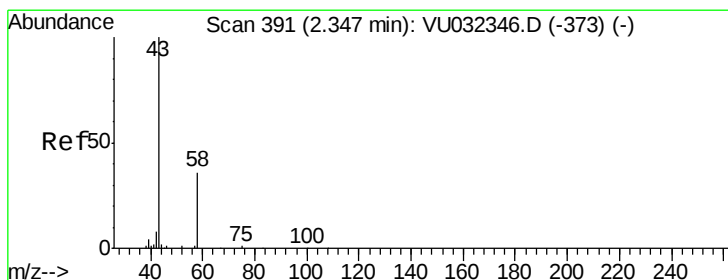
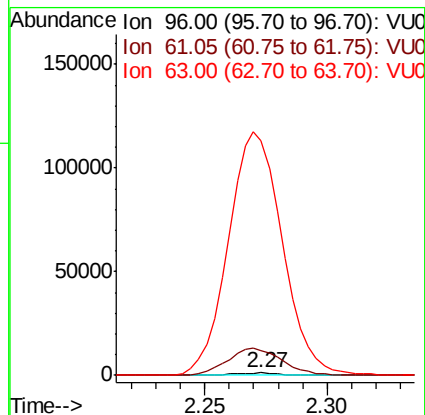
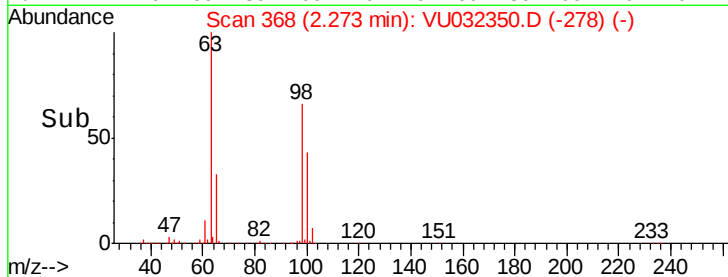
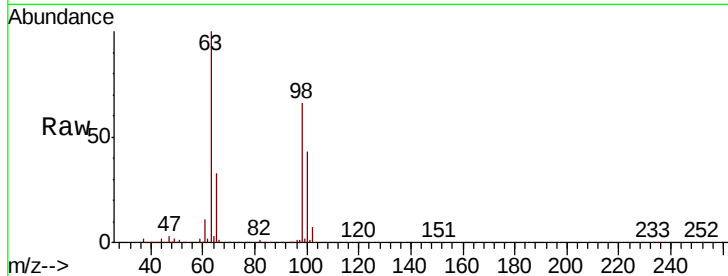
Tgt Ion: 96 Resp: 1834

Ion Ratio Lower Upper

96 100

61 1037.9 113.8 211.3#

63 9635.4 108.8 202.2#



#13

Acetone

Concen: 13.827 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032350.D

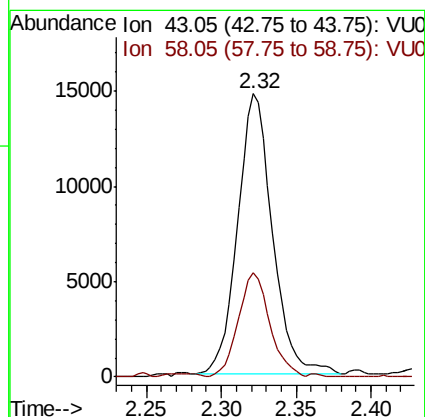
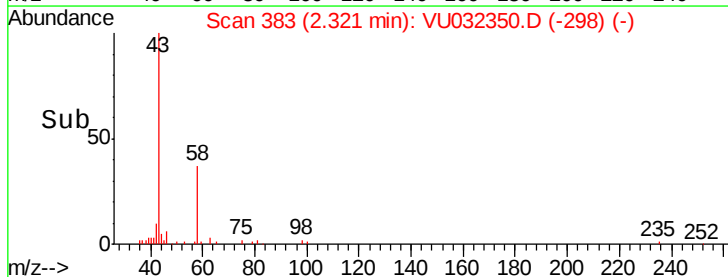
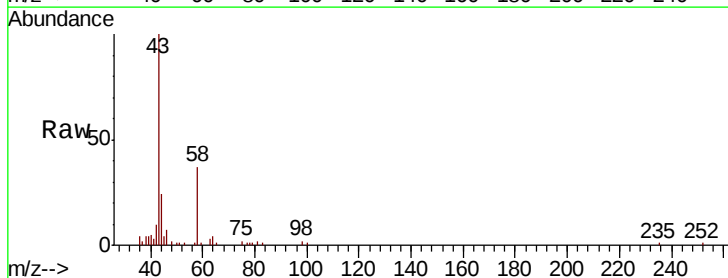
Acq: 29 May 2019 10:47

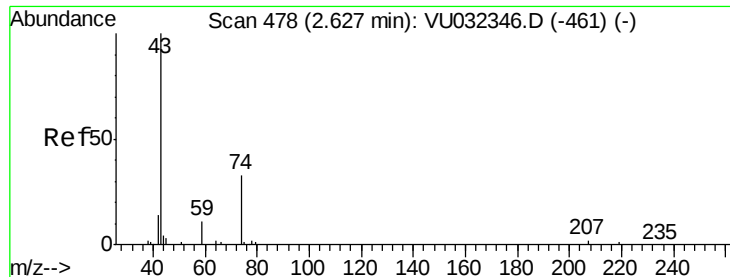
Tgt Ion: 43 Resp: 23870

Ion Ratio Lower Upper

43 100

58 33.5 0.0 72.6





#15

Methyl Acetate

Concen: 1.275 ug/L

RT: 2.61 min Scan# 474

Delta R.T. -0.01 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

Instrument :

MSVOA_U

ClientSampleId :

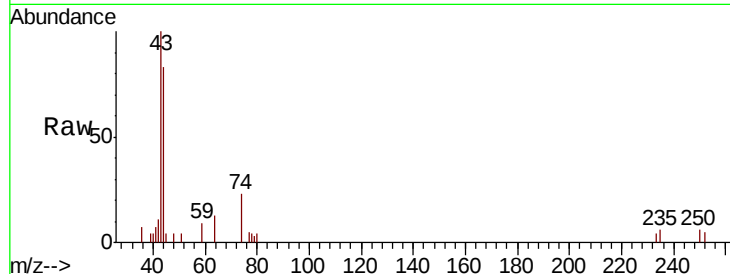
C0C51

Tgt Ion: 43 Resp: 6460

Ion Ratio Lower Upper

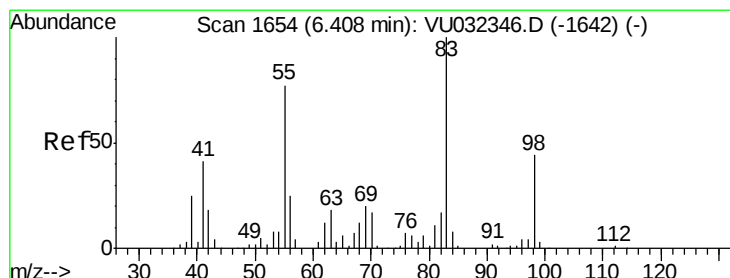
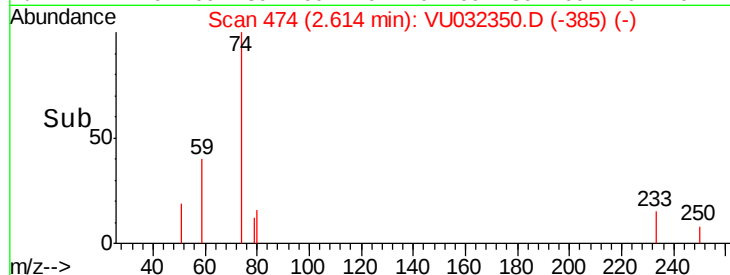
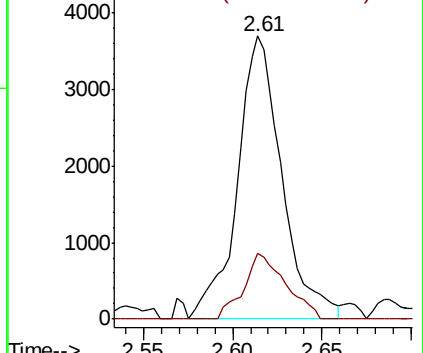
43 100

74 21.7 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU032346.D (-461) (-)

Ion 74.05 (73.75 to 74.75): VU032346.D (-461) (-)



#35

Methylcyclohexane

Concen: 1.837 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

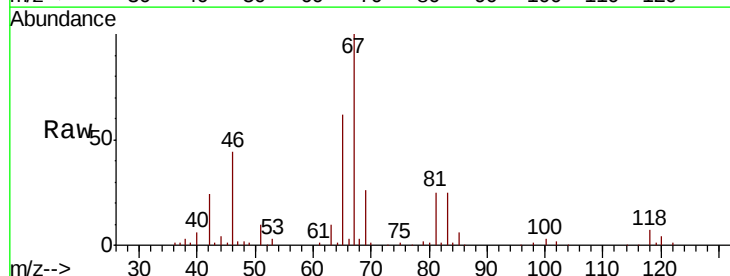
Tgt Ion: 83 Resp: 34152

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

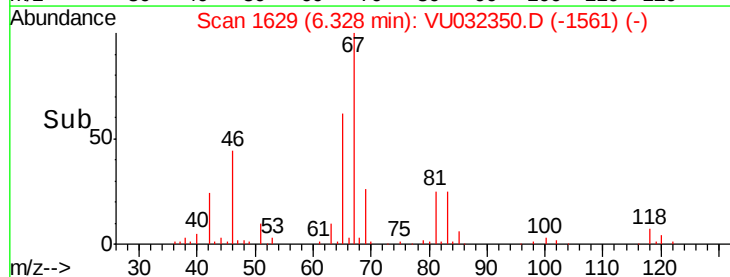
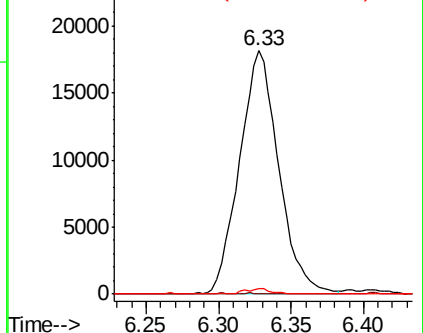
98 1.4 37.5 56.3#

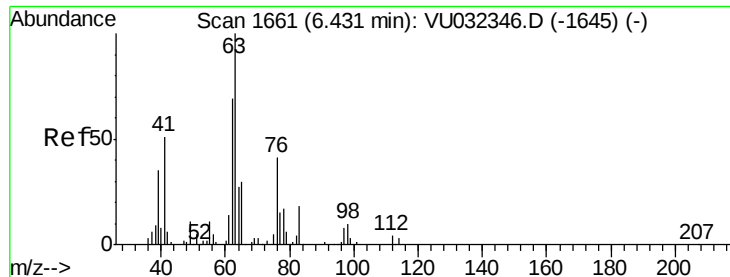


Abundance Ion 83.15 (82.85 to 83.85): VU032346.D (-1642) (-)

Ion 55.10 (54.80 to 55.80): VU032346.D (-1642) (-)

Ion 98.15 (97.85 to 98.85): VU032346.D (-1642) (-)

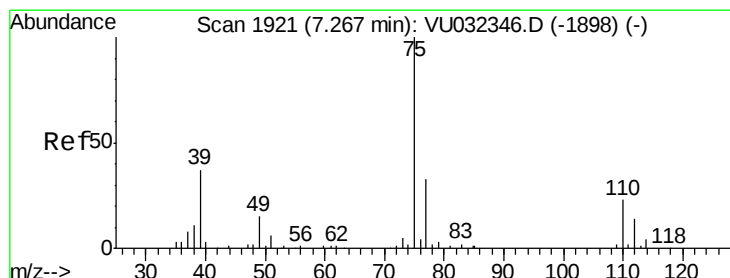
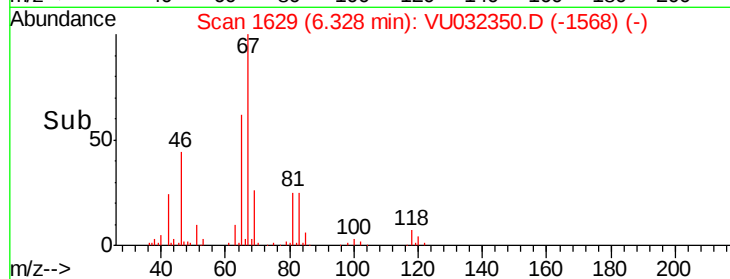
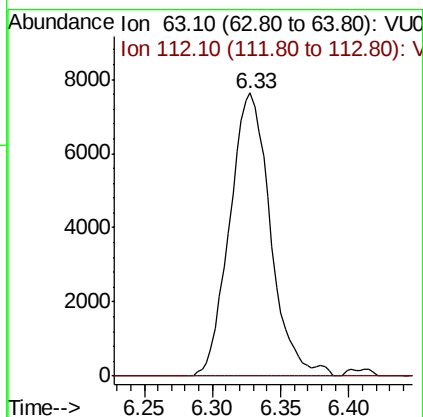
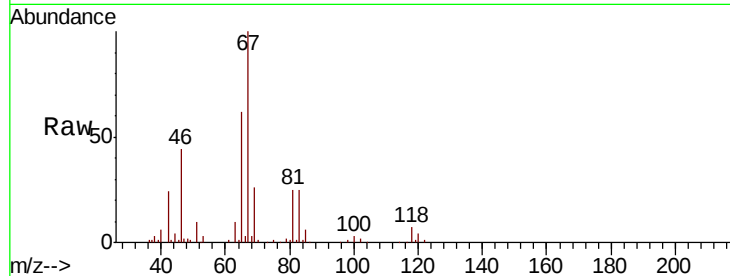




#37
 1,2-Dichloropropane
 Concen: 1.397 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032350.D
 Acq: 29 May 2019 10:47

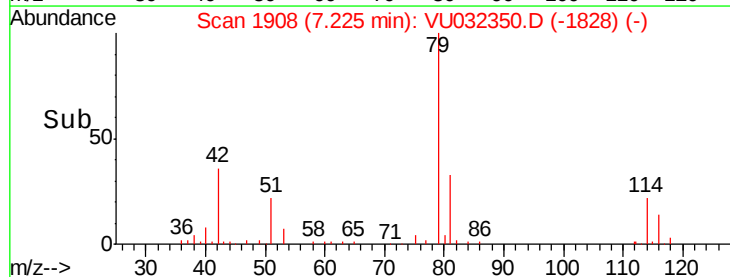
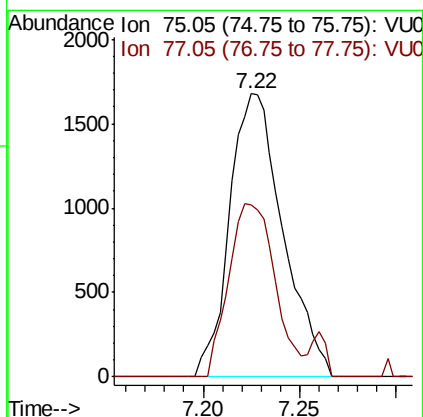
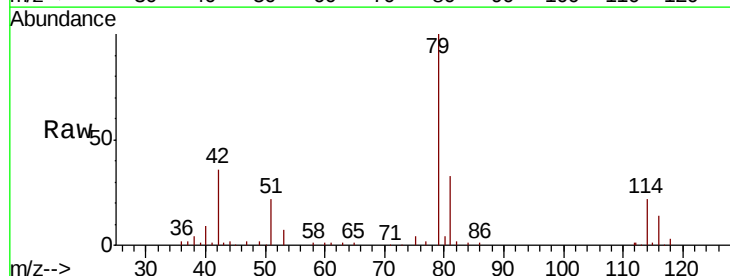
Instrument :
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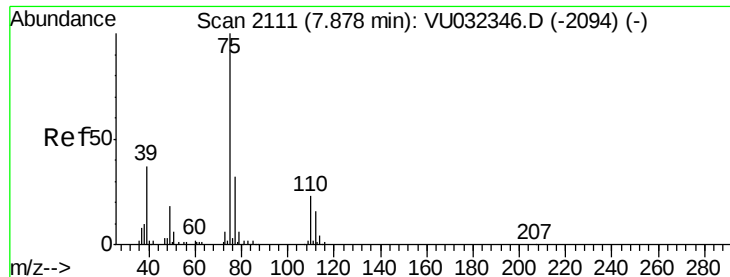
Tgt Ion: 63 Resp: 15813
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.199 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032350.D
 Acq: 29 May 2019 10:47

Tgt Ion: 75 Resp: 3214
 Ion Ratio Lower Upper
 75 100
 77 60.6 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

Instrument :

MSVOA_U

ClientSampleId :

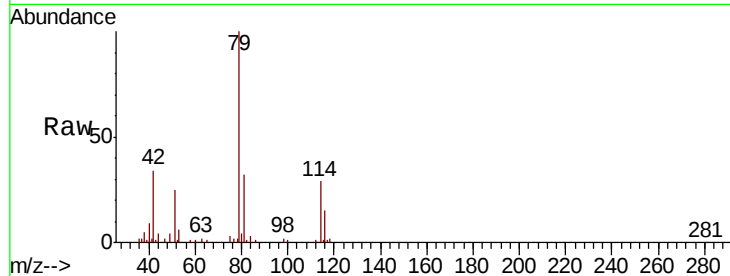
C0C51

Tgt Ion: 75 Resp: 1861

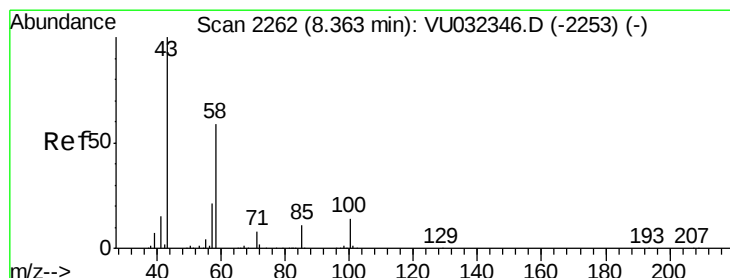
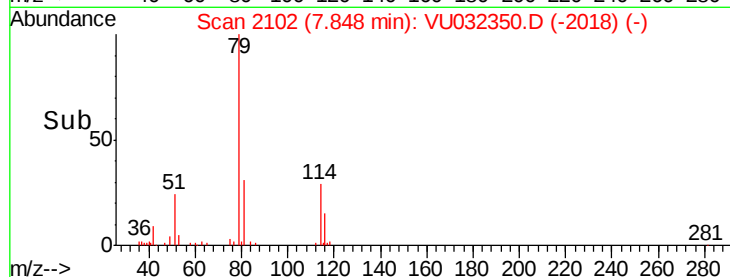
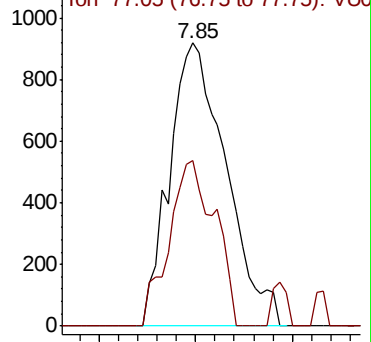
Ion Ratio Lower Upper

75 100

77 58.5 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU032346.D (-2094) (-)



#48

2-Hexanone

Concen: 3.410 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

Tgt Ion: 43 Resp: 14968

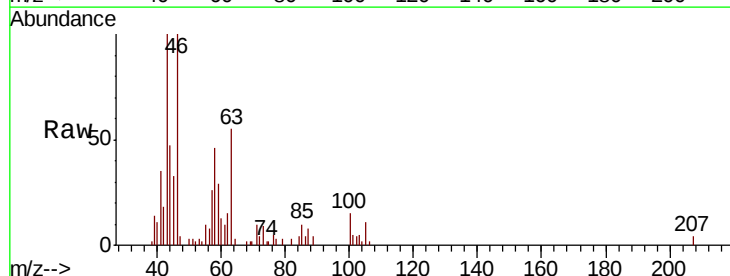
Ion Ratio Lower Upper

43 100

58 15.4 49.7 74.5#

57 0.0 17.1 25.7#

100 4.6 11.6 17.4#

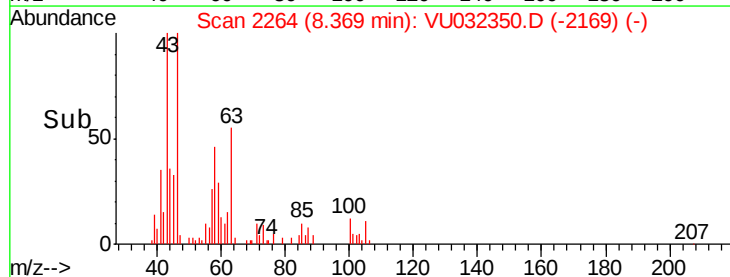
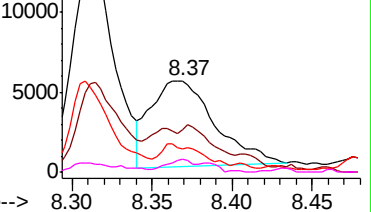


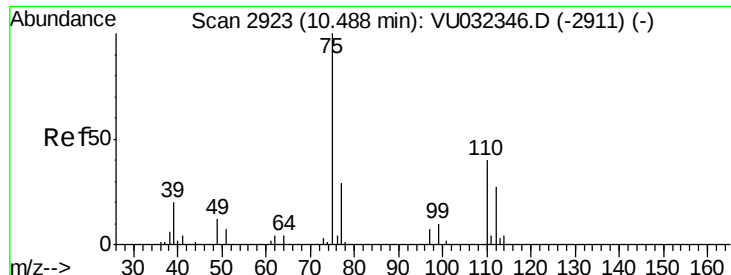
Abundance Ion 43.05 (42.75 to 43.75): VU032346.D (-2253) (-)

Ion 58.05 (57.75 to 58.75): VU032346.D (-2253) (-)

Ion 57.20 (56.90 to 57.90): VU032346.D (-2253) (-)

Ion 100.15 (99.85 to 100.85): VU032346.D (-2253) (-)





#59

1,2,3-Trichloropropane

Concen: 2.175 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

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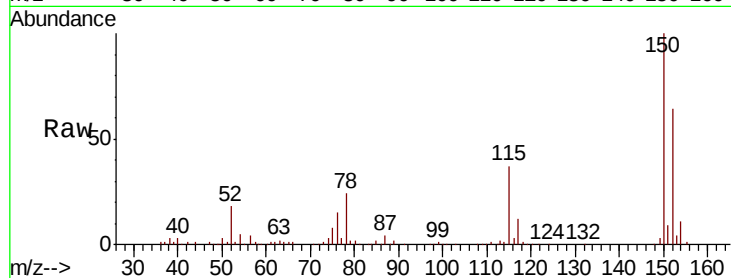
C0C51

Tgt Ion: 75 Resp: 16038

Ion Ratio Lower Upper

75 100

77 37.0 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

