

Data File : VU032076.D
Acq On : 17 May 2019 03:18
Operator : JC/SP
Sample : K2859-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W51

Quant Time: May 17 08:44:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	382892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	397875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143959	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	123757	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	203263	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.21	46	285763	45.13	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.26%
24) Chloroform-d	4.64	84	258278	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.31	65	133786	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.33	84	531901	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	156462	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.56	98	442855	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	49628	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.31	63	241842	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128549	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	161035	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

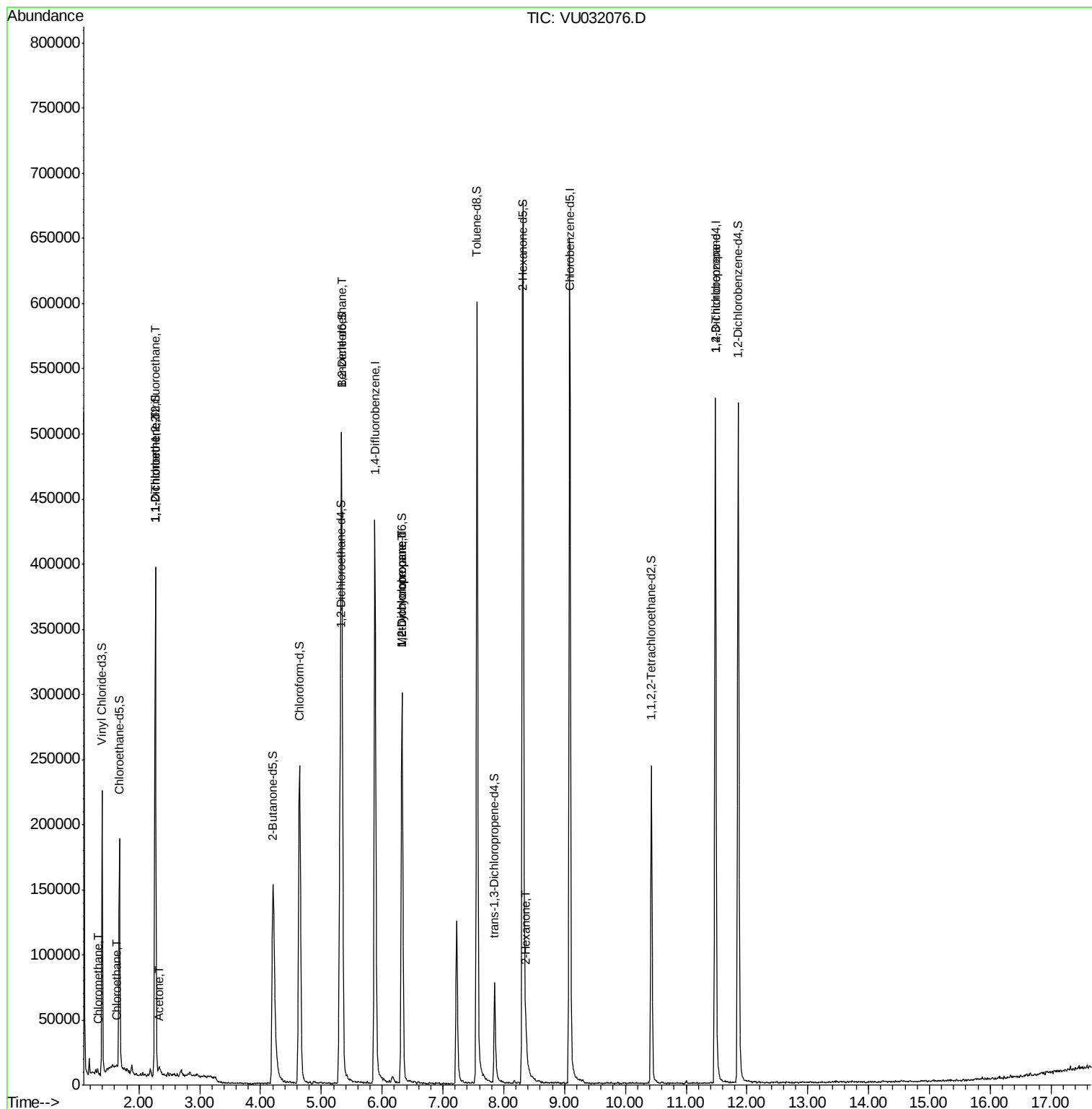
					Qvalue
3) Chloromethane	1.32	50	3098	0.168 ug/L	84
8) Chloroethane	1.63	64	1501	0.125 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2200	0.140 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1837	0.119 ug/L #	1
13) Acetone	2.34	43	4796	2.307 ug/L	85
27) 1,2-Dichloroethane	5.33	62	2468	0.153 ug/L #	73
35) Methylcyclohexane	6.32	83	37134	1.556 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16884	1.130 ug/L #	87
48) 2-Hexanone	8.37	43	7940	1.478 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	16769	1.767 ug/L	90

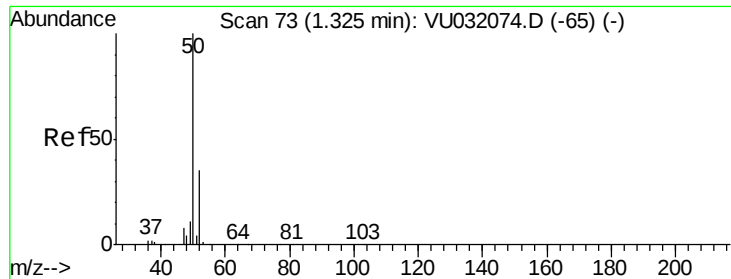
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.168 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032076.D

Acq: 17 May 2019 03:18

Instrument :

MSVOA_U

ClientSampleId :

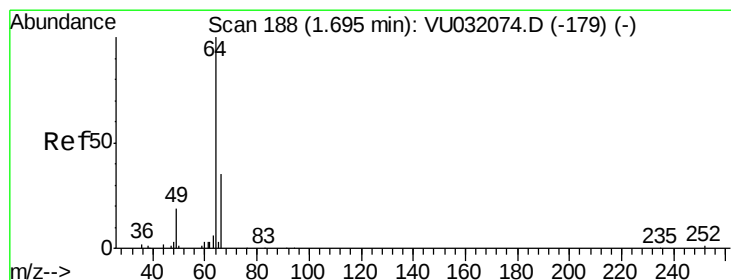
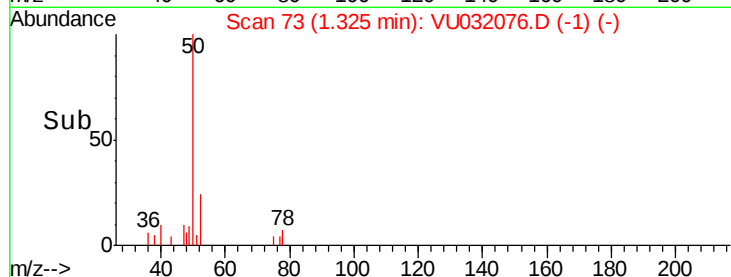
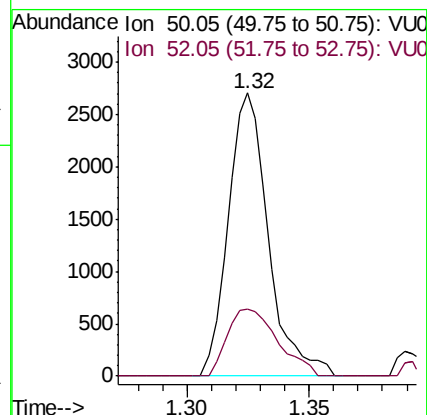
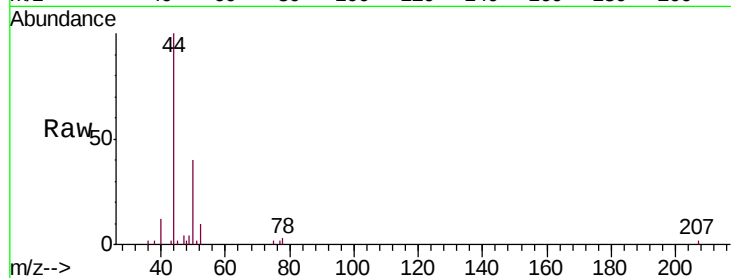
F9W51

Tgt Ion: 50 Resp: 3098

Ion Ratio Lower Upper

50 100

52 23.8 23.2 43.0



#8

Chloroethane

Concen: 0.125 ug/L

RT: 1.63 min Scan# 167

Delta R.T. -0.07 min

Lab File: VU032076.D

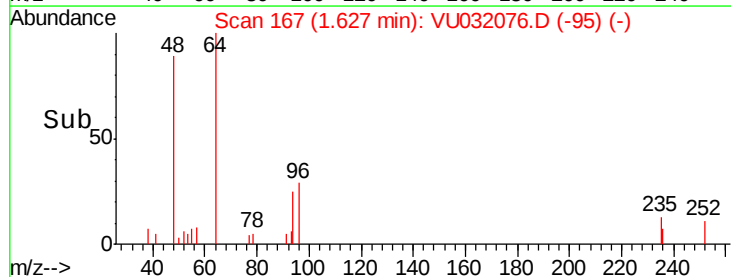
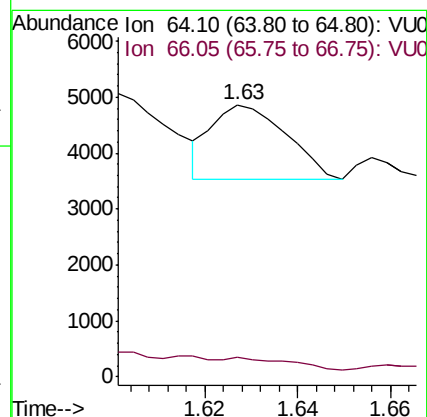
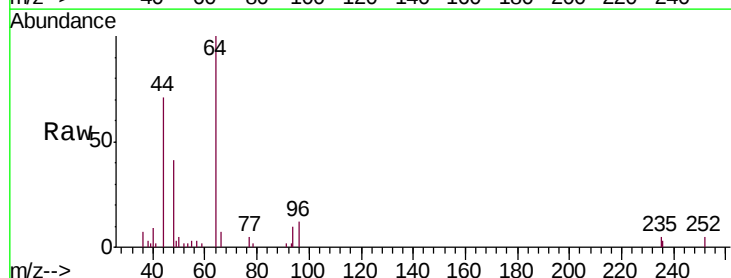
Acq: 17 May 2019 03:18

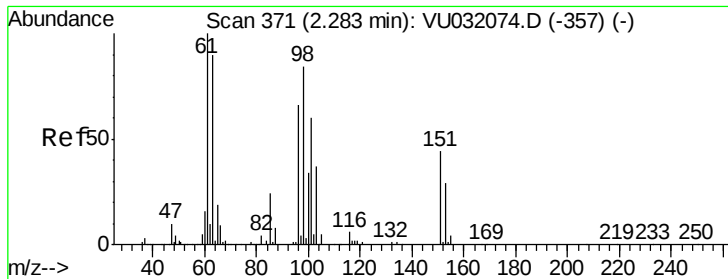
Tgt Ion: 64 Resp: 1501

Ion Ratio Lower Upper

64 100

66 7.0 22.0 41.0#





#10

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

Concen: 0.140 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032076.D

Acq: 17 May 2019 03:18

Instrument :

MSVOA_U

ClientSampleId :

F9W51

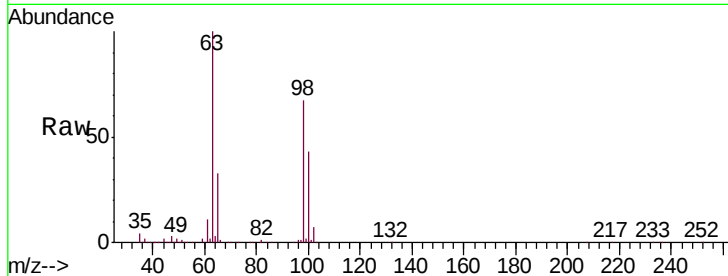
Tgt Ion:101 Resp: 2200

Ion Ratio Lower Upper

101 100

85 2.7 33.8 50.8#

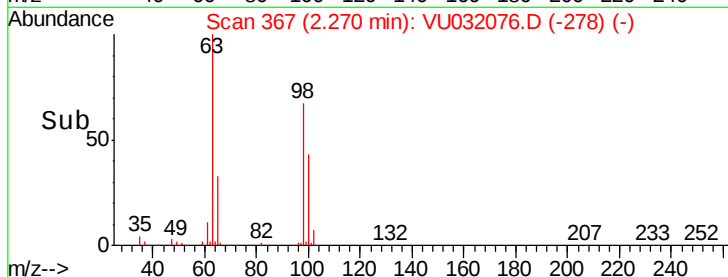
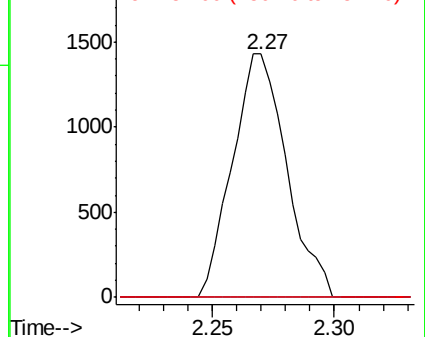
151 0.0 59.4 89.2#



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: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032076.D

Acq: 17 May 2019 03:18

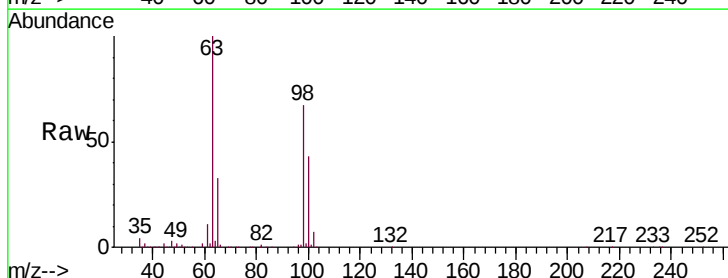
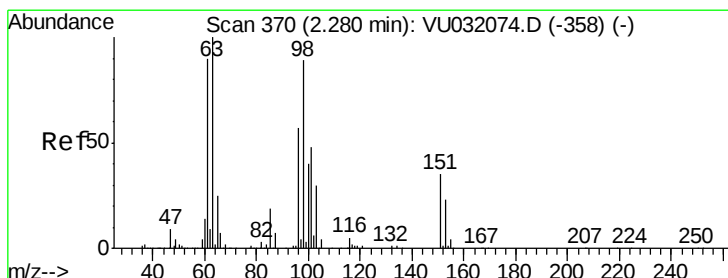
Tgt Ion: 96 Resp: 1837

Ion Ratio Lower Upper

96 100

61 1129.8 111.7 207.5#

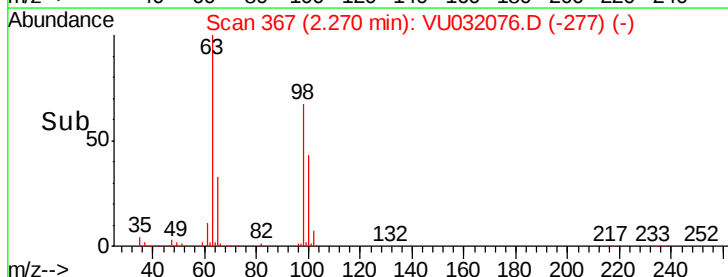
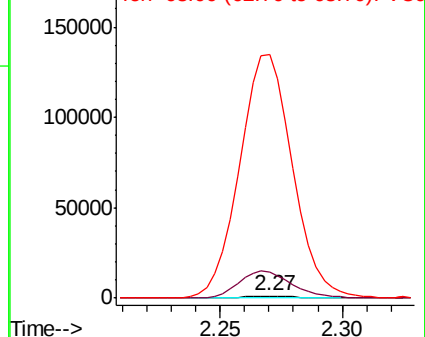
63 10574.6 152.2 282.6#

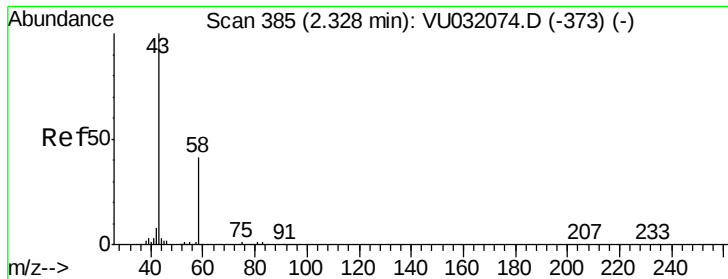


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.307 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

Lab File: VU032076.D

Acq: 17 May 2019 03:18

Instrument :

MSVOA_U

ClientSampled :

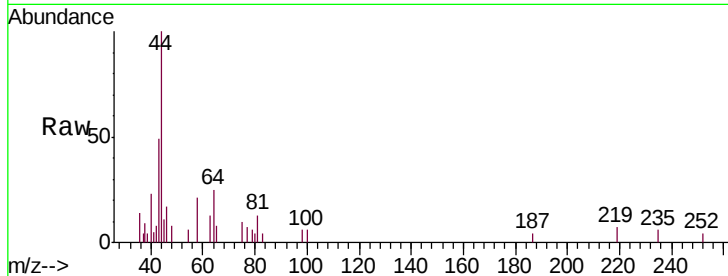
F9W51

Tgt Ion: 43 Resp: 4796

Ion Ratio Lower Upper

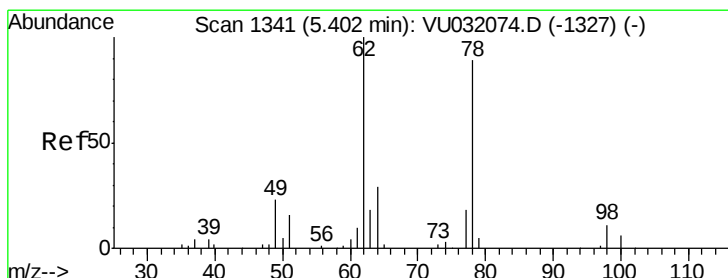
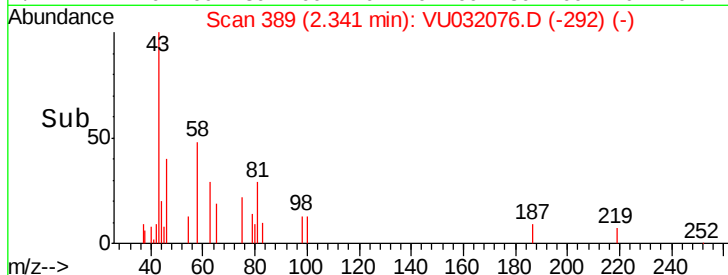
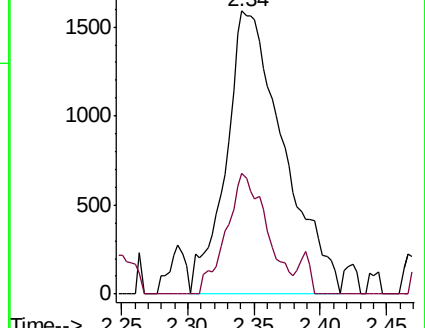
43 100

58 30.1 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032074.D (-373) (-)



#27

1,2-Dichloroethane

Concen: 0.153 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032076.D

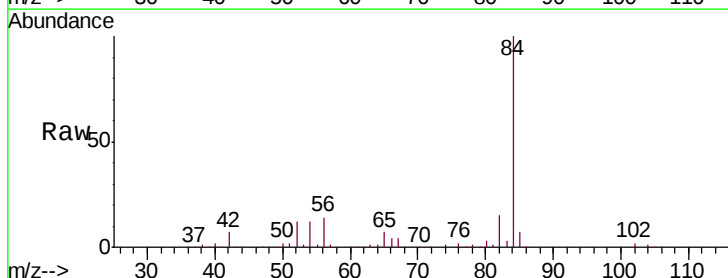
Acq: 17 May 2019 03:18

Tgt Ion: 62 Resp: 2468

Ion Ratio Lower Upper

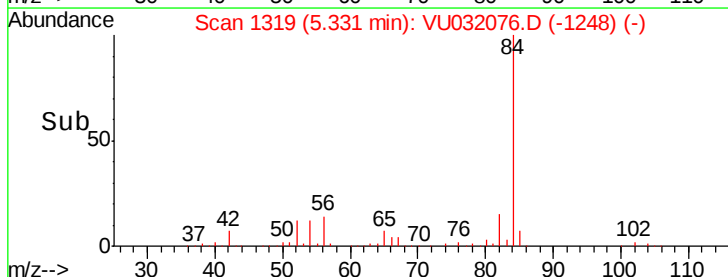
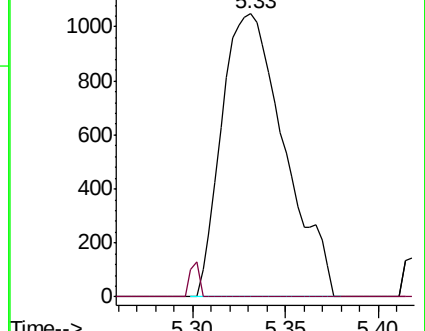
62 100

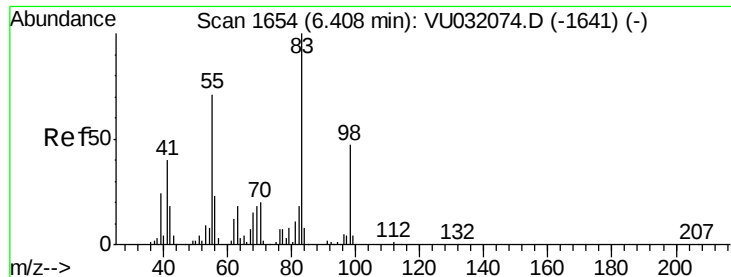
98 0.0 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032074.D (-1327) (-)

Ion 98.05 (97.75 to 98.75): VU032074.D (-1327) (-)

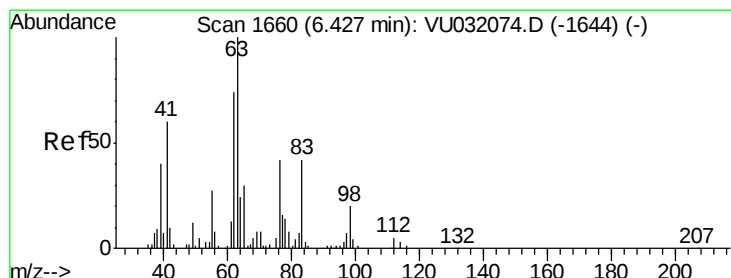
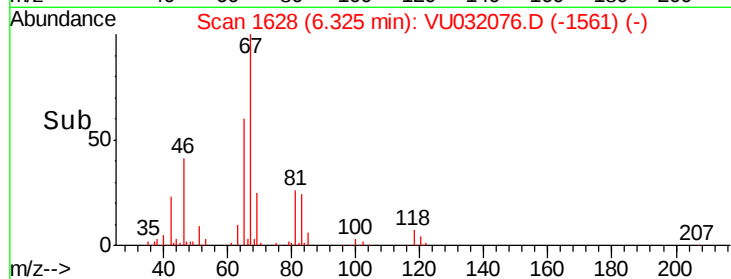
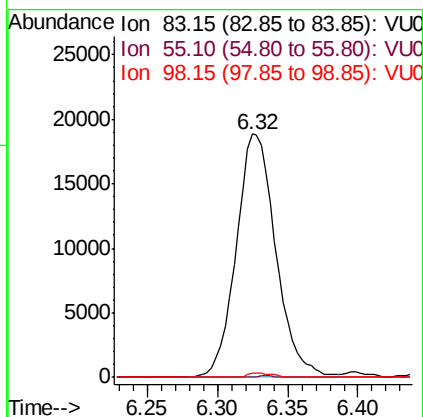
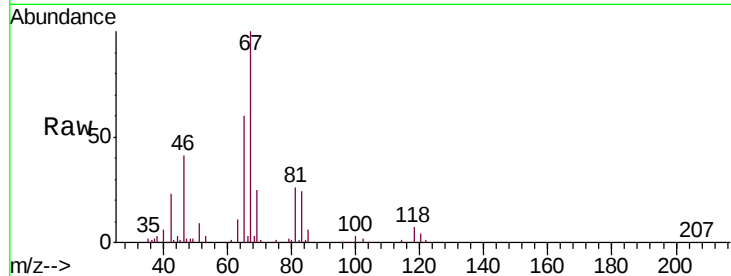




#35
Methylcyclohexane
Concen: 1.556 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032076.D
Acq: 17 May 2019 03:18

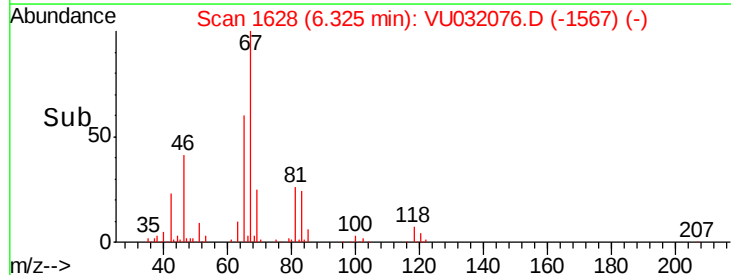
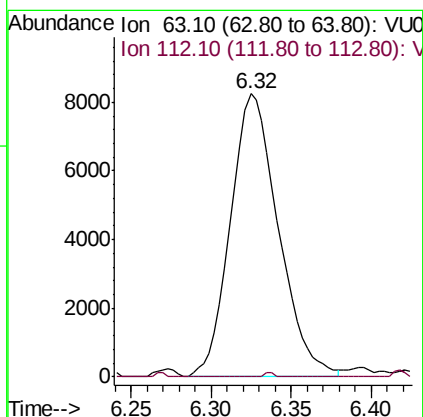
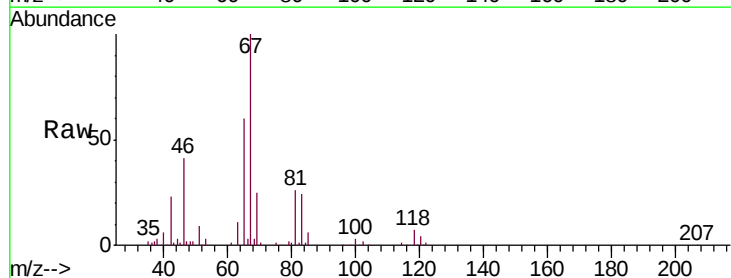
Instrument :
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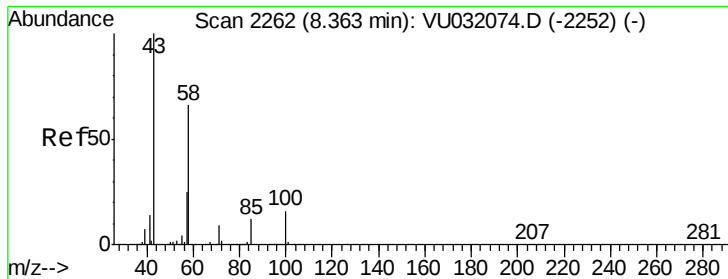
Tgt Ion: 83 Resp: 37134
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.0 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.130 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032076.D
Acq: 17 May 2019 03:18

Tgt Ion: 63 Resp: 16884
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#

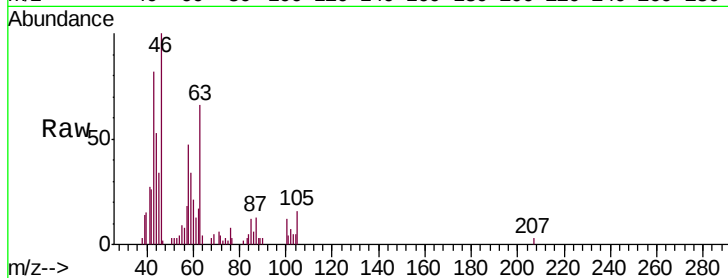




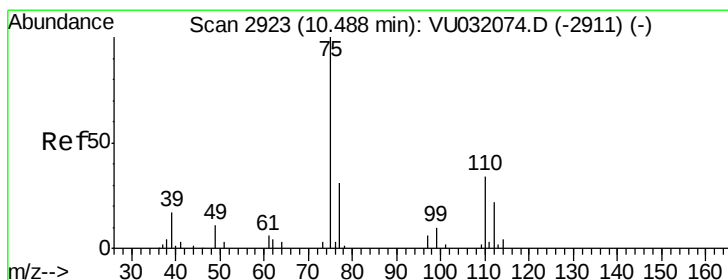
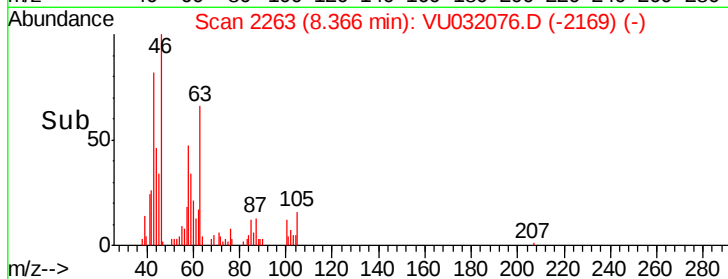
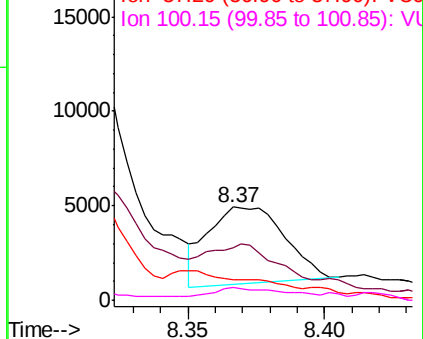
#48
 2-Hexanone
 Concen: 1.478 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU032076.D
 Acq: 17 May 2019 03:18

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W51

Tgt Ion: 43 Resp: 7940
 Ion Ratio Lower Upper
 43 100
 58 87.0 51.6 77.4#
 57 26.1 18.4 27.6
 100 17.2 12.2 18.4

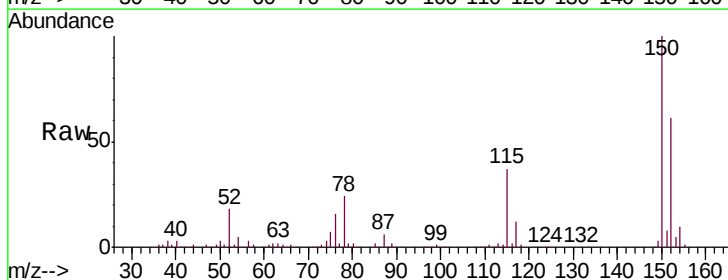


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.767 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032076.D
 Acq: 17 May 2019 03:18

Tgt Ion: 75 Resp: 16769
 Ion Ratio Lower Upper
 75 100
 77 38.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

