

Data File : VU035064.D
Acq On : 10 Oct 2019 21:50
Operator : JC/SP
Sample : K5309-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191005-01

Quant Time: Oct 11 04:45:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	157229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37299	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.67	69	38481	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	55861	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.18	46	164058	59.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.88%
24) Chloroform-d	4.62	84	89499	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.29	65	53839	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.32	84	169472	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.31	67	62478	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.55	98	145746	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.84	79	17888	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.30	63	121466	55.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56758	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	59177	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

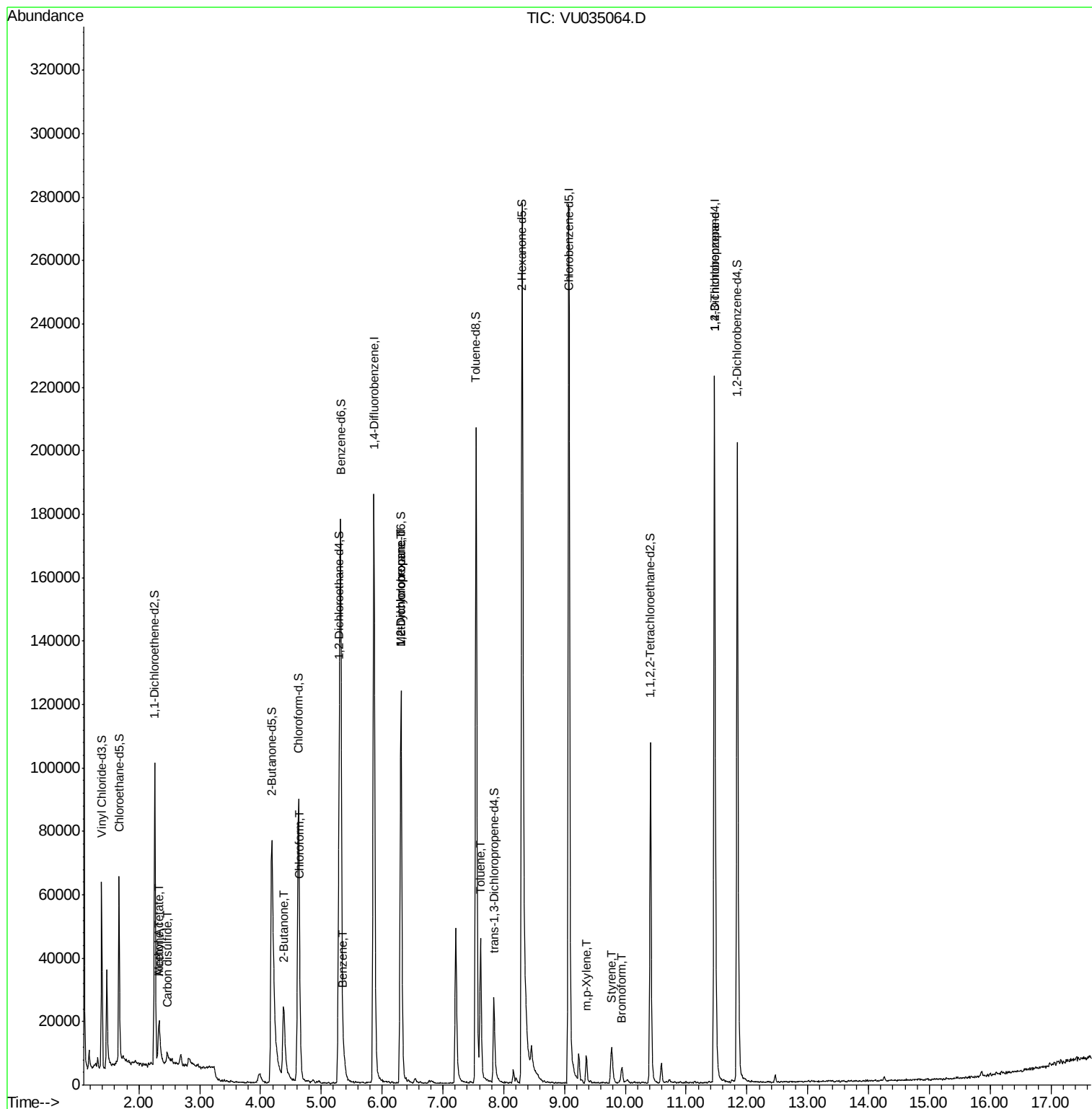
					Qvalue
13) Acetone	2.33	43	24996	11.151 ug/L	92
14) Carbon disulfide	2.47	76	3753	0.112 ug/L #	85
15) Methyl Acetate	2.33	43	18967	3.178 ug/L #	53
21) 2-Butanone	4.38	43	38712	12.127 ug/L #	48
25) Chloroform	4.65	83	5447	0.226 ug/L	92
33) Benzene	5.37	78	5752	0.117 ug/L	100
35) Methylcyclohexane	6.31	83	13966	0.677 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7069	0.531 ug/L #	88
42) Toluene	7.62	91	33497	0.650 ug/L	96
53) m,p-Xylene	9.36	106	2841	0.135 ug/L	96
55) Styrene	9.78	104	4752	0.143 ug/L	88
59) 1,2,3-Trichloropropane	11.47	75	8508	0.987 ug/L #	87
61) Bromoform	9.95	173	2041	0.443 ug/L #	37

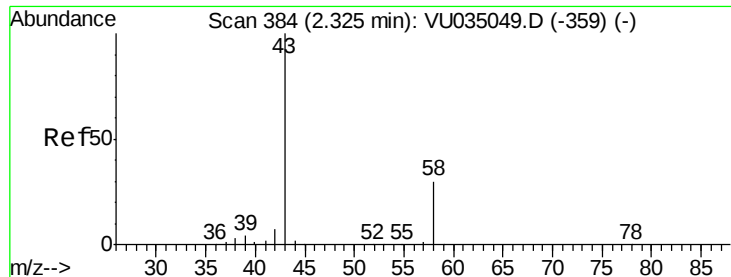
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.151 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU035064.D

Acq: 10 Oct 2019 21:50

Instrument :

MSVOA_U

ClientSampleId :

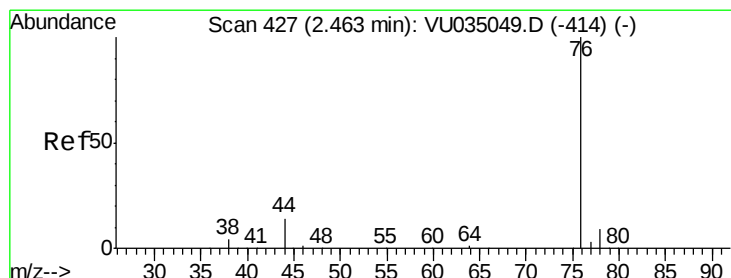
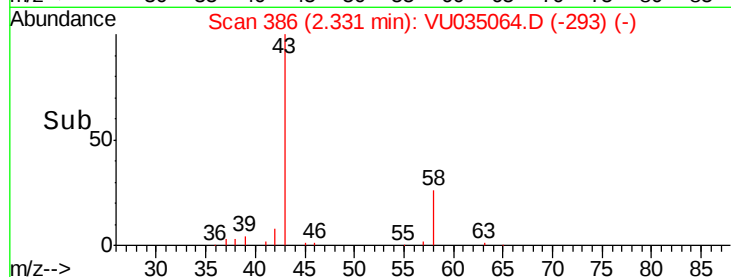
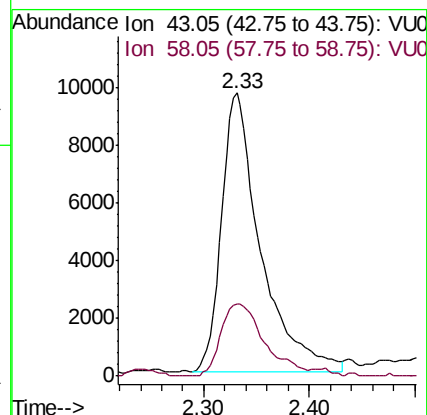
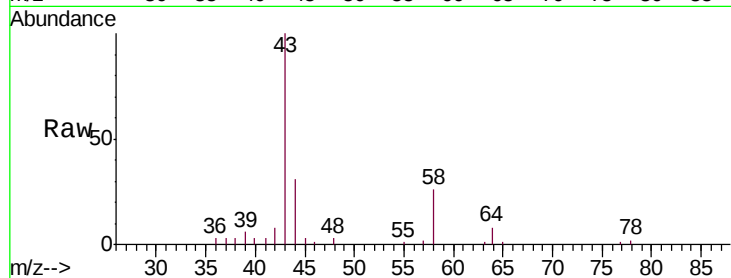
RB-2-191005-01

Tgt Ion: 43 Resp: 24996

Ion Ratio Lower Upper

43 100

58 28.7 0.0 66.6



#14

Carbon disulfide

Concen: 0.112 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035064.D

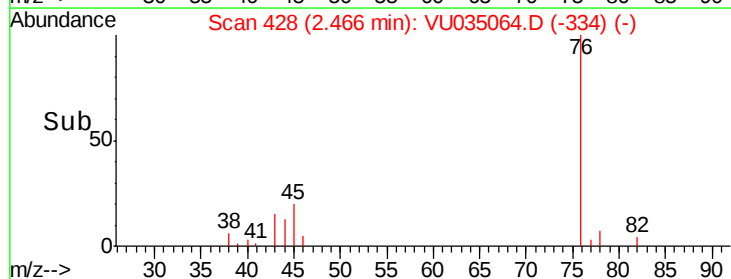
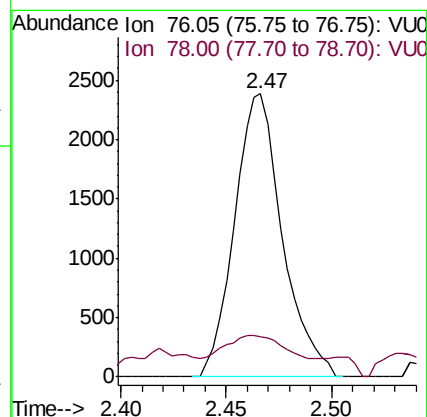
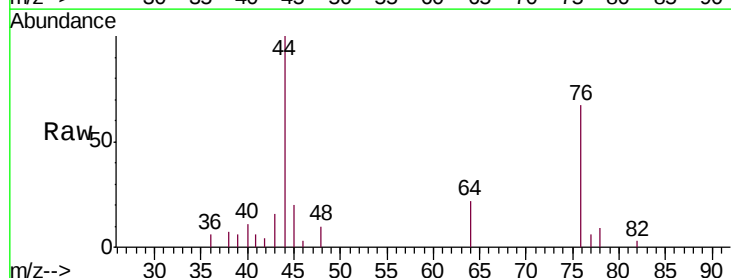
Acq: 10 Oct 2019 21:50

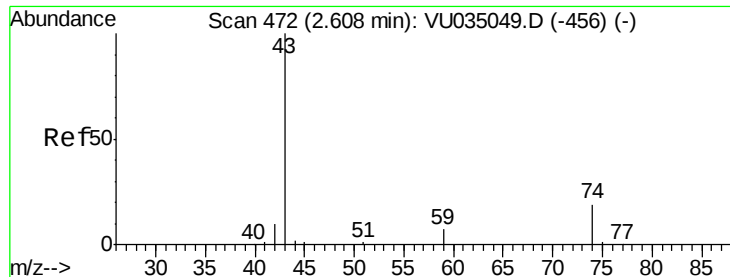
Tgt Ion: 76 Resp: 3753

Ion Ratio Lower Upper

76 100

78 14.2 7.1 10.7#

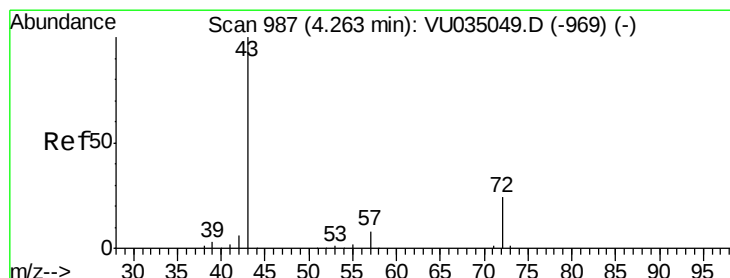
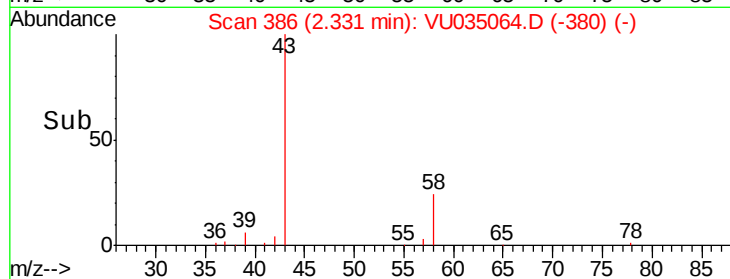
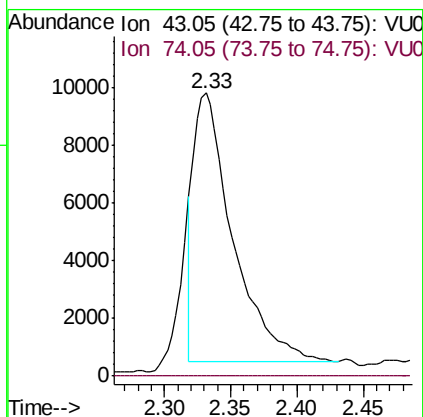
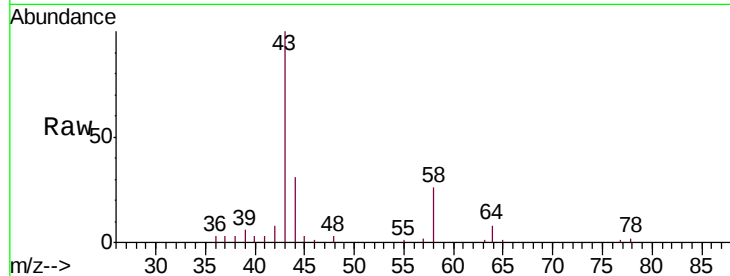




#15
Methyl Acetate
Concen: 3.178 ug/L
RT: 2.33 min Scan# 386
Delta R.T. -0.28 min
Lab File: VU035064.D
Acq: 10 Oct 2019 21:50

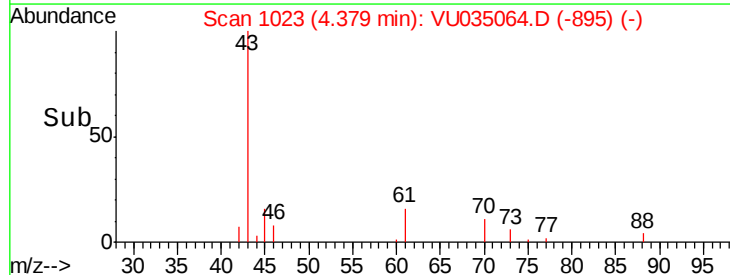
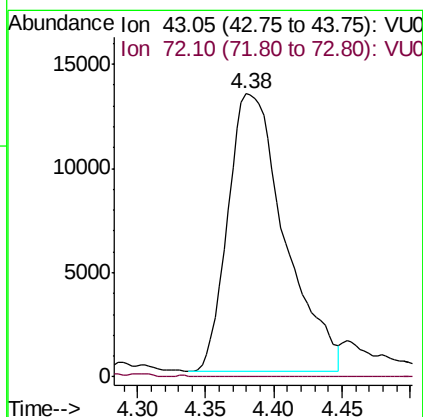
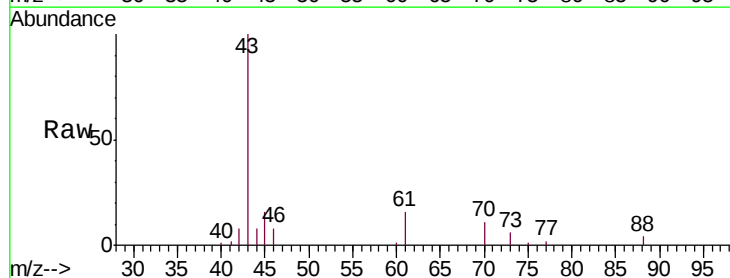
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191005-01

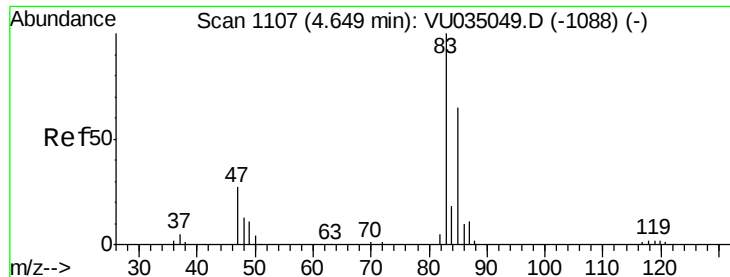
Tgt Ion: 43 Resp: 18967
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#21
2-Butanone
Concen: 12.127 ug/L
RT: 4.38 min Scan# 1023
Delta R.T. 0.11 min
Lab File: VU035064.D
Acq: 10 Oct 2019 21:50

Tgt Ion: 43 Resp: 38712
Ion Ratio Lower Upper
43 100
72 0.1 13.5 40.4#

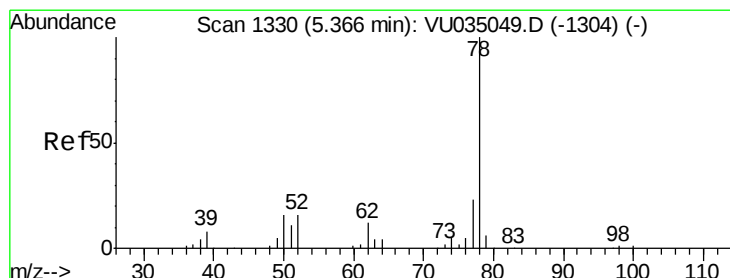
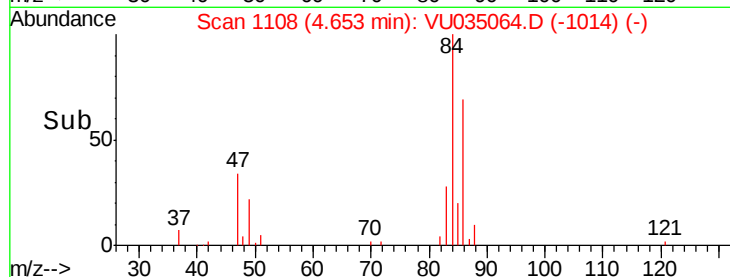
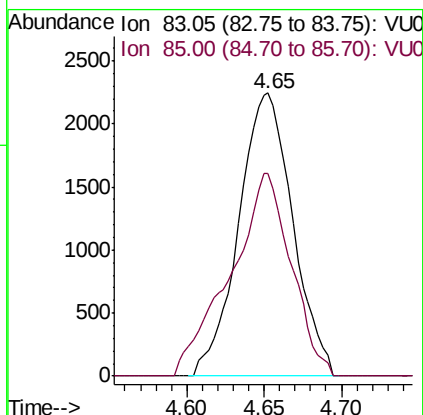
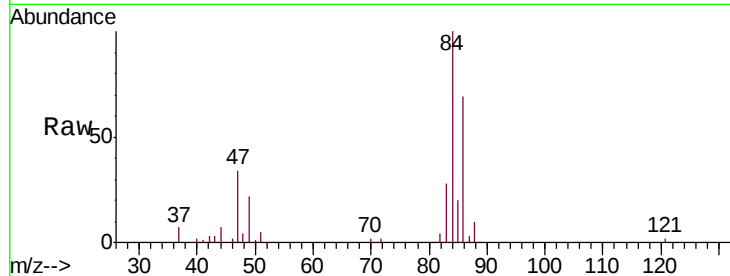




#25
Chloroform
Concen: 0.226 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035064.D
Acq: 10 Oct 2019 21:50

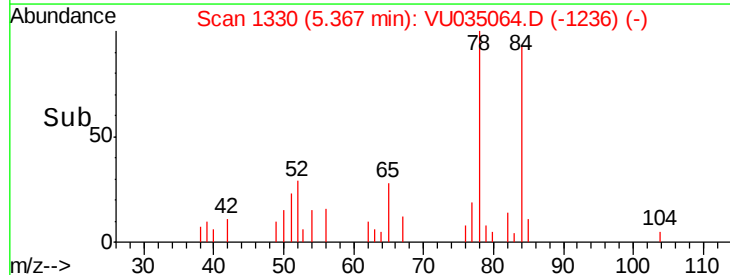
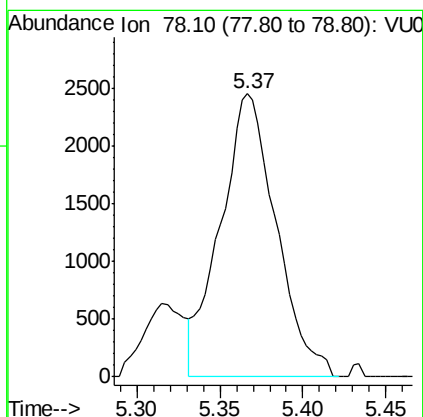
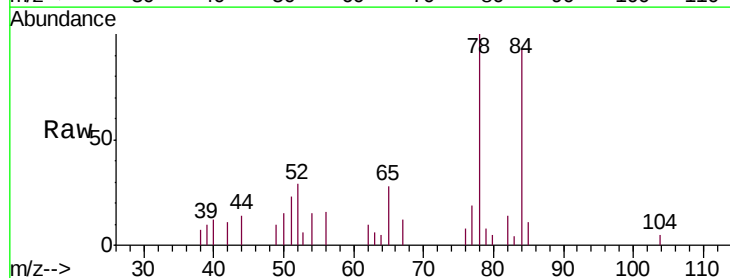
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191005-01

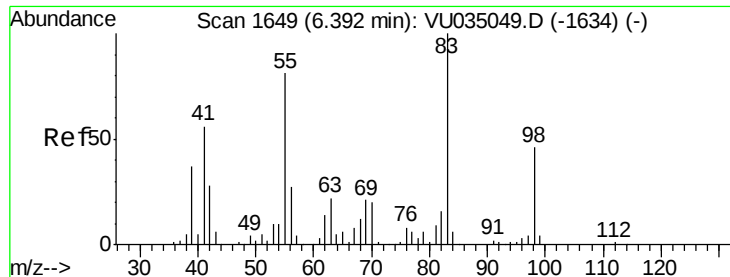
Tgt Ion: 83 Resp: 5447
Ion Ratio Lower Upper
83 100
85 71.5 45.4 84.4



#33
Benzene
Concen: 0.117 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU035064.D
Acq: 10 Oct 2019 21:50

Tgt Ion: 78 Resp: 5752

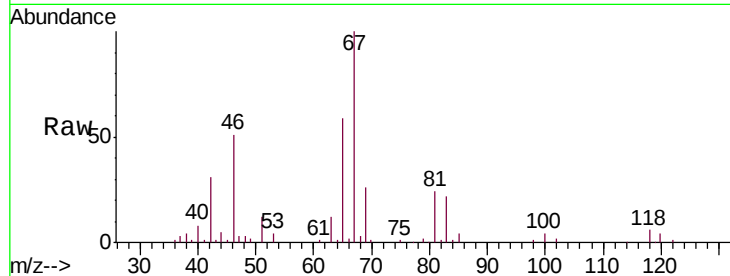




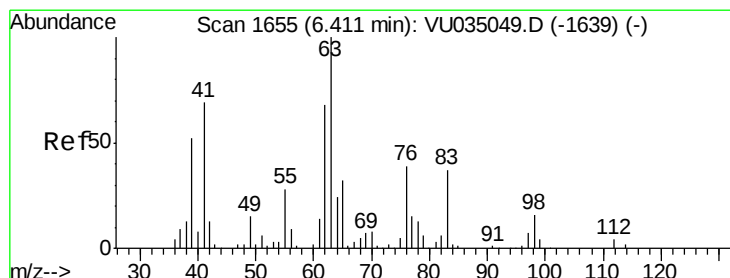
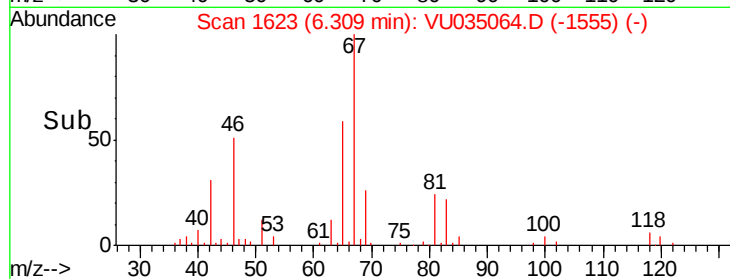
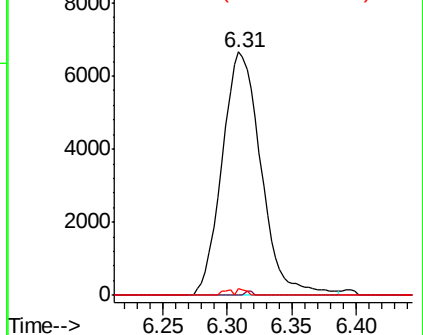
#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035064.D
Acq: 10 Oct 2019 21:50

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191005-01

Tgt Ion: 83 Resp: 13966
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.6 36.2 54.2#

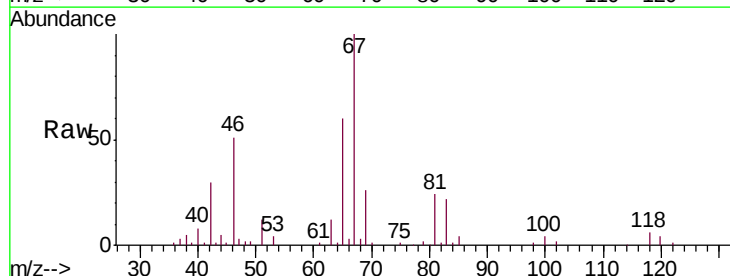


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

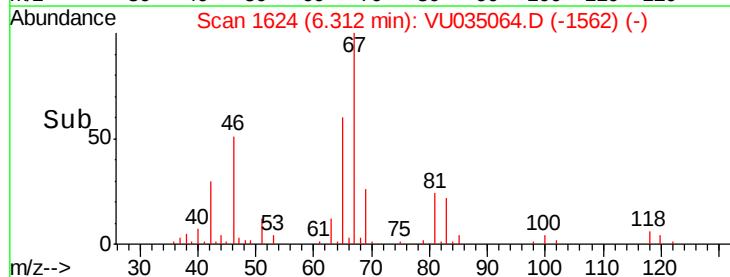
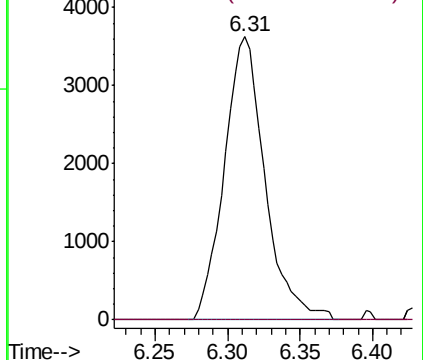


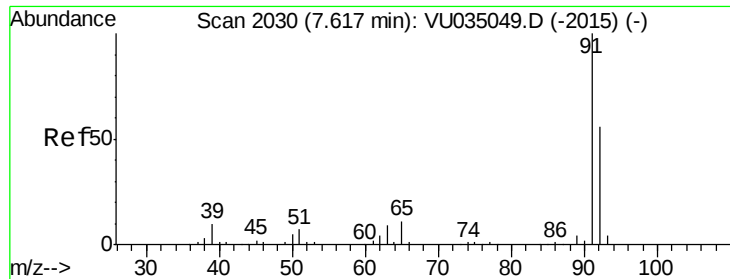
#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035064.D
Acq: 10 Oct 2019 21:50

Tgt Ion: 63 Resp: 7069
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.650 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035064.D

Acq: 10 Oct 2019 21:50

Instrument :

MSVOA_U

ClientSampleId :

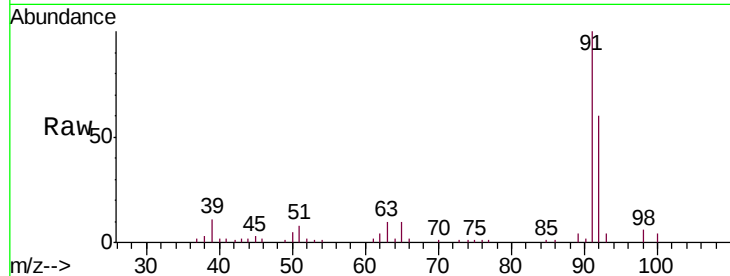
RB-2-191005-01

Tgt Ion: 91 Resp: 33497

Ion Ratio Lower Upper

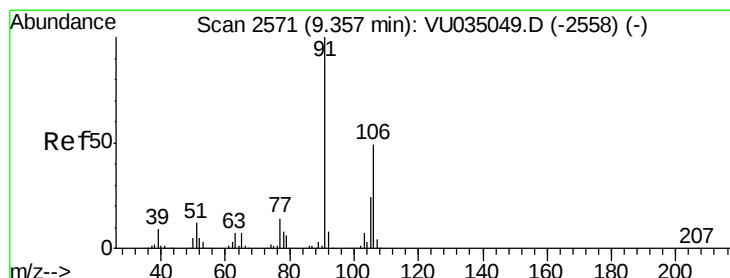
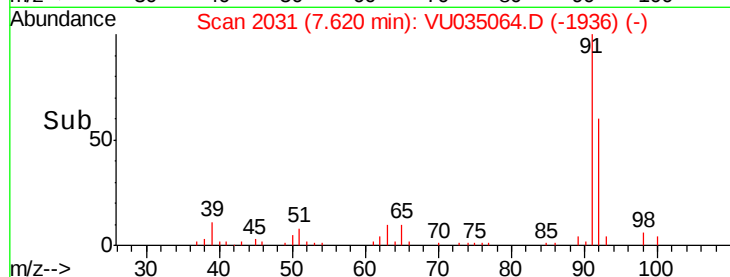
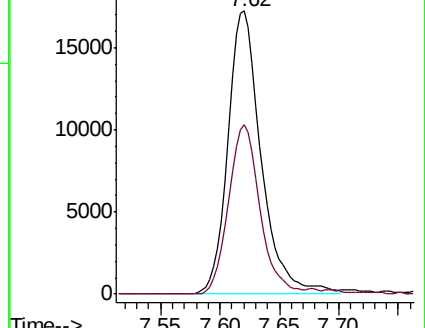
91 100

92 59.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035049.D (-2015) (-)



#53

m,p-Xylene

Concen: 0.135 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035064.D

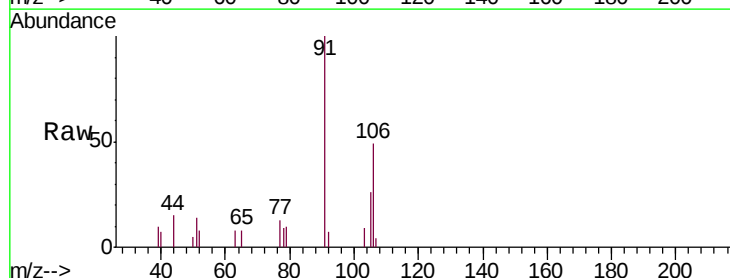
Acq: 10 Oct 2019 21:50

Tgt Ion: 106 Resp: 2841

Ion Ratio Lower Upper

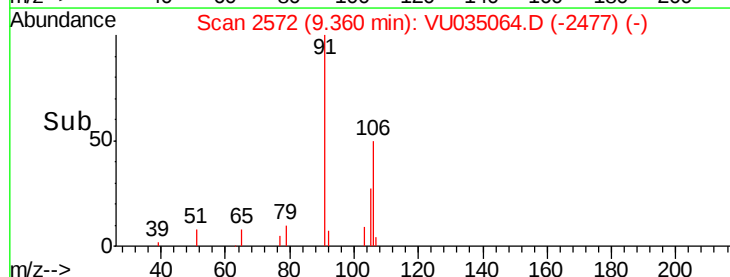
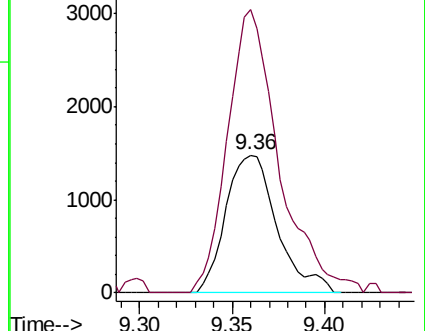
106 100

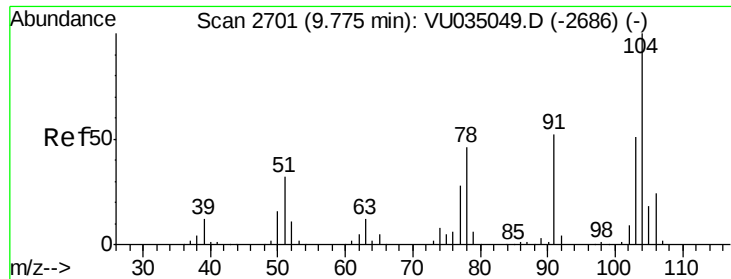
91 205.1 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): VU035049.D (-2558) (-)

Ion 91.15 (90.85 to 91.85): VU035049.D (-2558) (-)





#55

Styrene

Concen: 0.143 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.01 min

Lab File: VU035064.D

Acq: 10 Oct 2019 21:50

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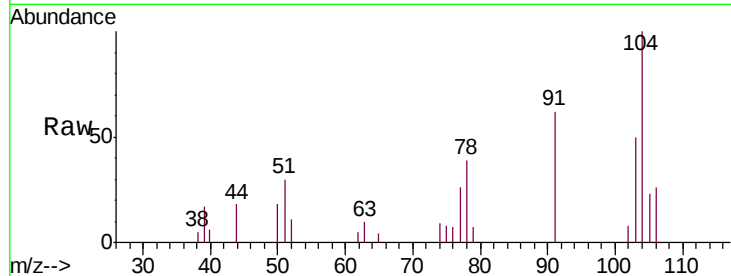
RB-2-191005-01

Tgt Ion:104 Resp: 4752

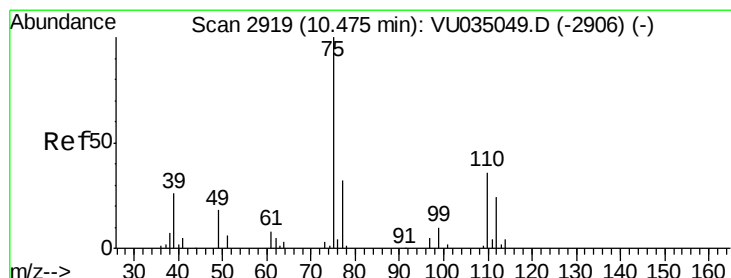
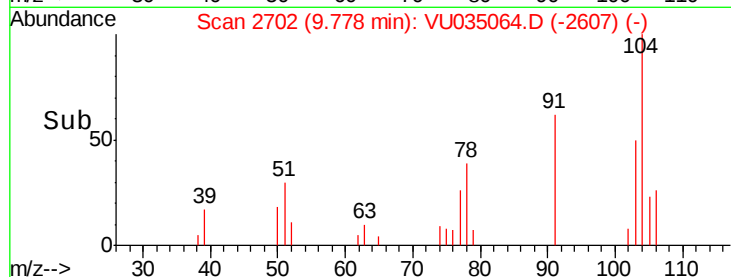
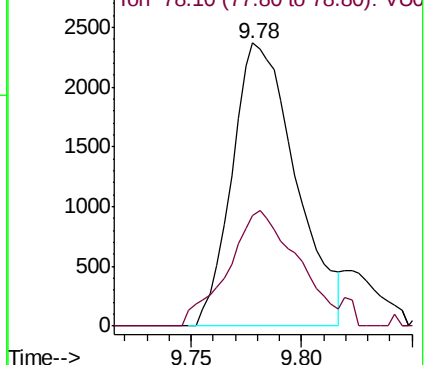
Ion Ratio Lower Upper

104 100

78 39.1 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): VU035049.D (-2686) (-)



#59

1,2,3-Trichloropropane

Concen: 0.987 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035064.D

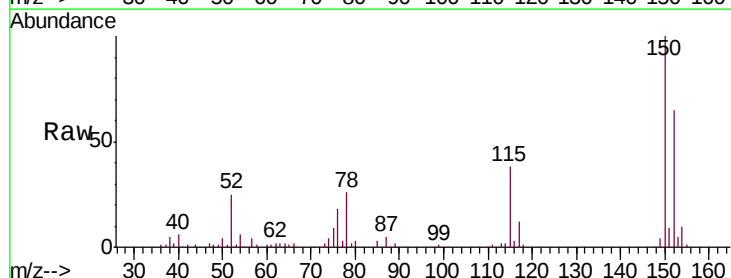
Acq: 10 Oct 2019 21:50

Tgt Ion: 75 Resp: 8508

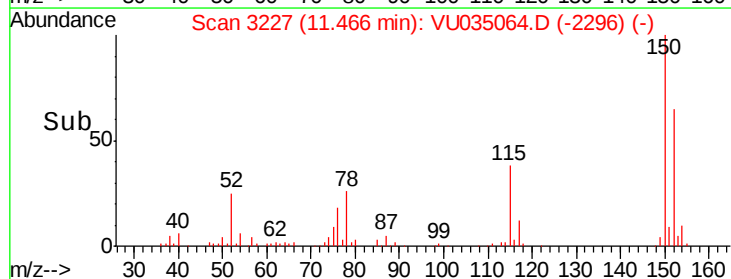
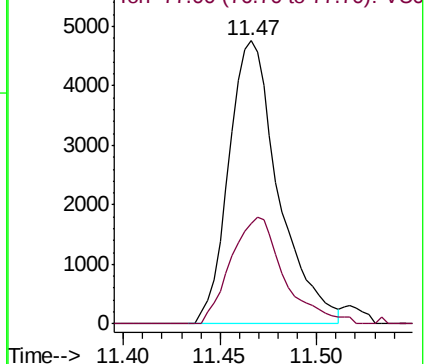
Ion Ratio Lower Upper

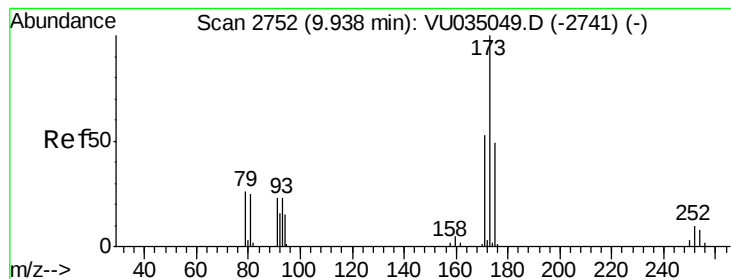
75 100

77 40.4 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VU035049.D (-2906) (-)





#61

Bromoform

Concen: 0.443 ug/L

RT: 9.95 min Scan# 2755

Delta R.T. 0.01 min

Lab File: VU035064.D

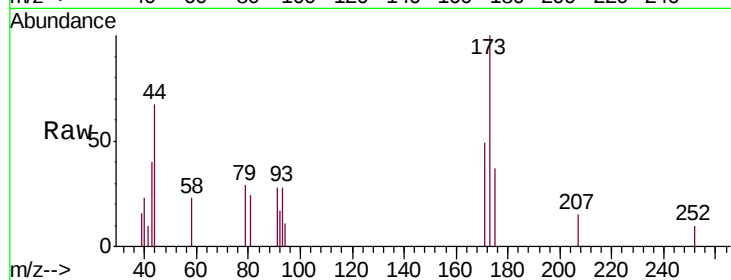
Acq: 10 Oct 2019 21:50

Instrument :

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ClientSampleId :

RB-2-191005-01



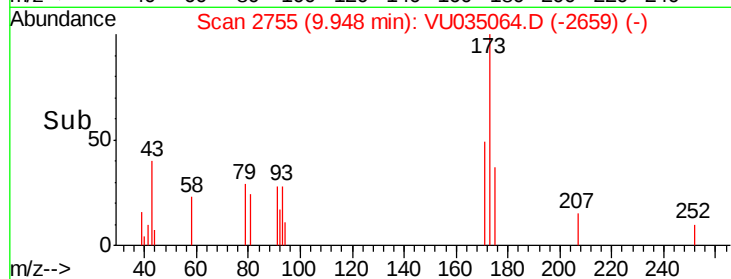
Tgt Ion:173 Resp: 2041

Ion Ratio Lower Upper

173 100

175 0.0 37.2 55.8#

254 1.0 6.6 9.8#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

