

Data File : VU032724.D
Acq On : 14 Jun 2019 15:35
Operator : JC/SP
Sample : K3365-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM64

Quant Time: Jun 14 23:52:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	106131	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	98094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29877	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.67	69	25981	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	47794	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.18	46	91459	47.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	4.64	84	64200	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.30	65	36169	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.33	84	124689	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.32	67	39761	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	114500	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.85	79	16943	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.31	63	78282	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	35007	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	47960	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

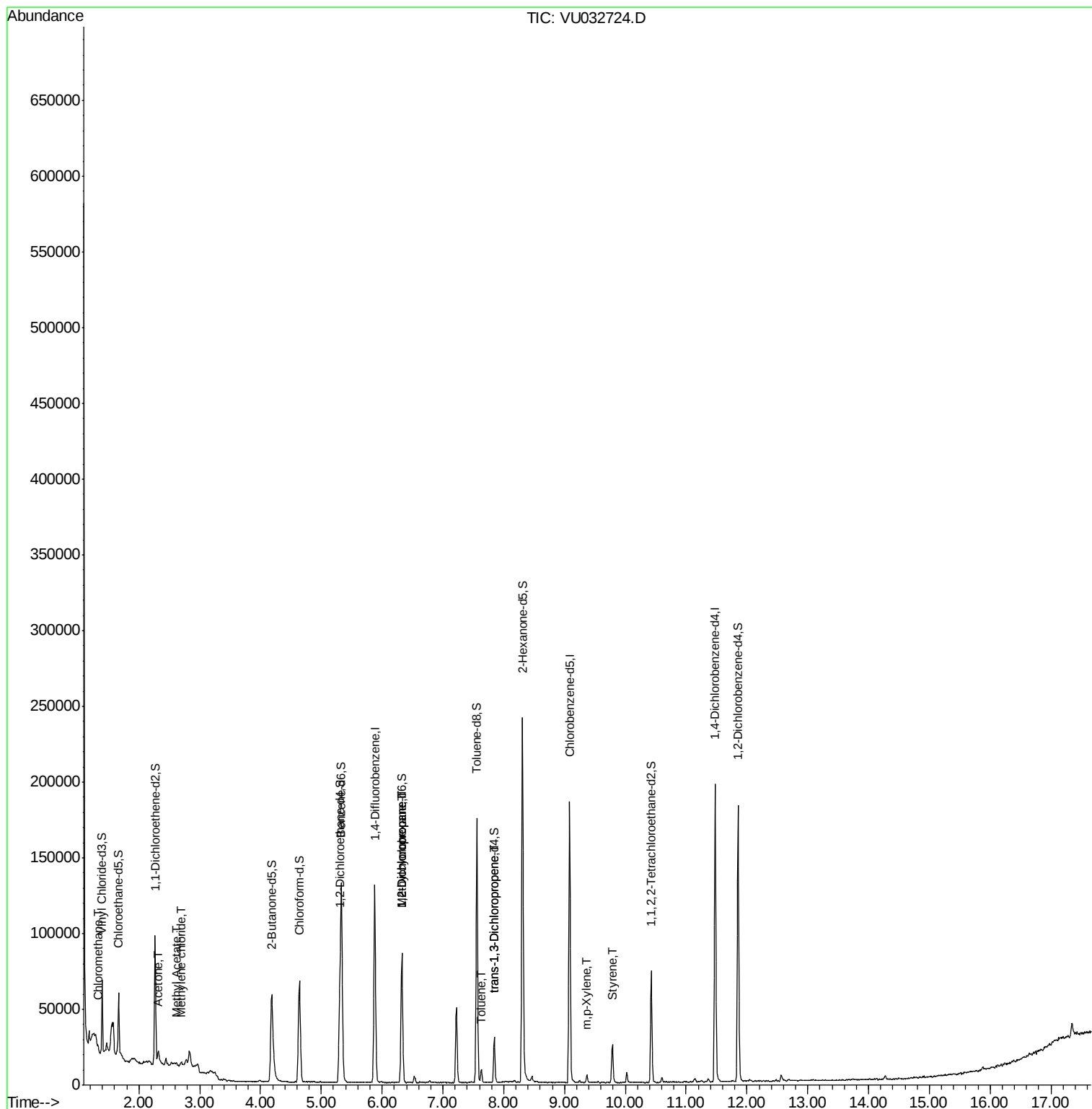
					Qvalue
3) Chloromethane	1.33	50	2419	0.256 ug/L	99
13) Acetone	2.32	43	7262	4.859 ug/L	97
15) Methyl Acetate	2.61	43	1462	0.356 ug/L #	90
16) Methylene chloride	2.69	84	889	0.119 ug/L	86
35) Methylcyclohexane	6.32	83	9233	0.690 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4676	0.625 ug/L #	89
42) Toluene	7.63	91	6407	0.199 ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	759	0.083 ug/L #	79
53) m,p-Xylene	9.36	106	1526	0.113 ug/L	91
55) Styrene	9.79	104	11203	0.507 ug/L	94

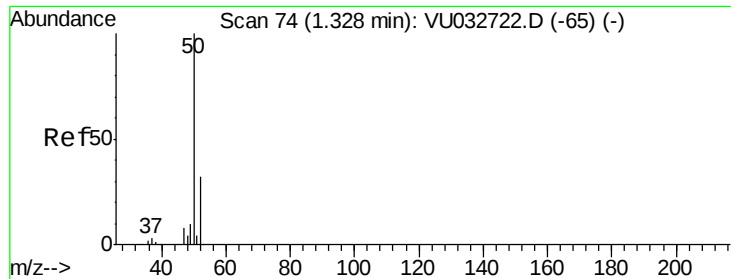
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.256 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032724.D

Acq: 14 Jun 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

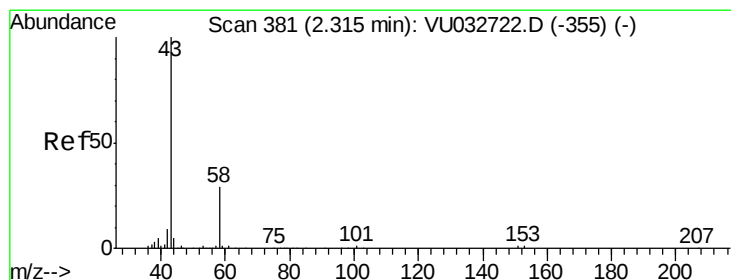
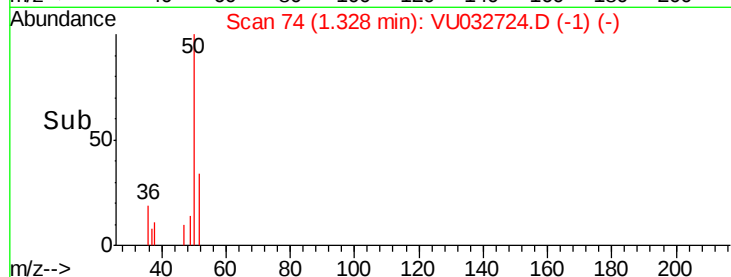
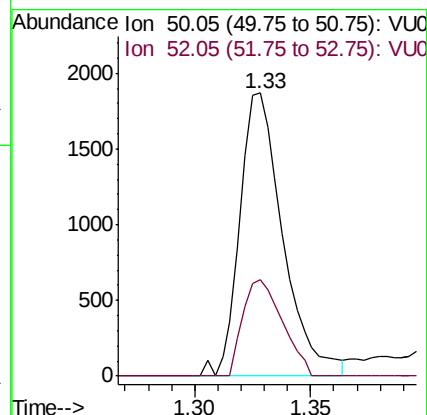
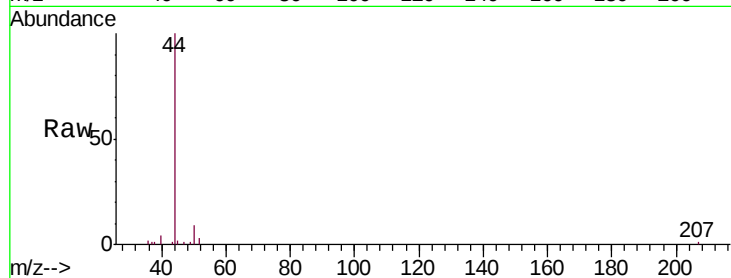
C0M64

Tgt Ion: 50 Resp: 2419

Ion Ratio Lower Upper

50 100

52 34.0 23.2 43.2



#13

Acetone

Concen: 4.859 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032724.D

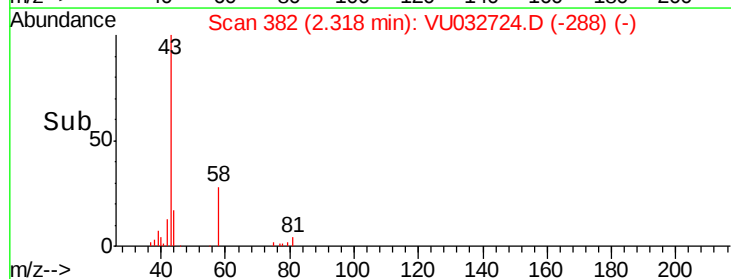
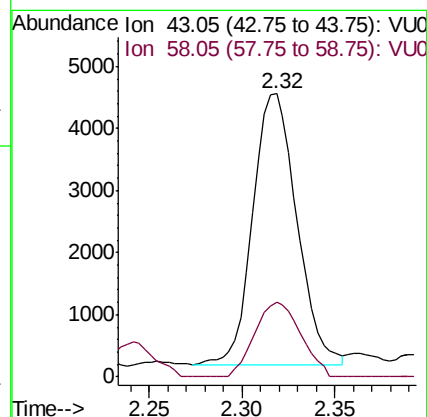
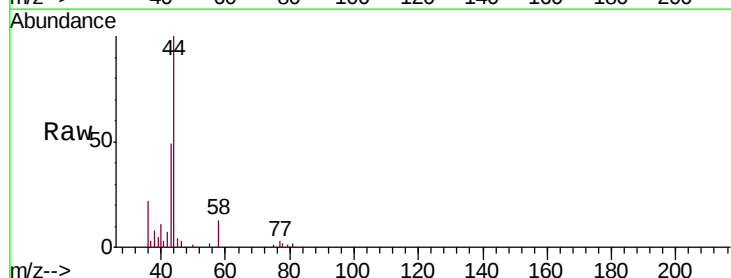
Acq: 14 Jun 2019 15:35

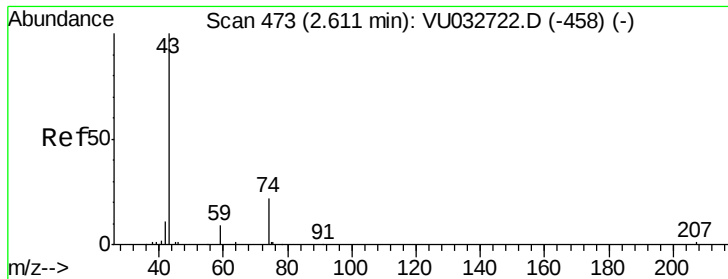
Tgt Ion: 43 Resp: 7262

Ion Ratio Lower Upper

43 100

58 28.6 0.0 60.8

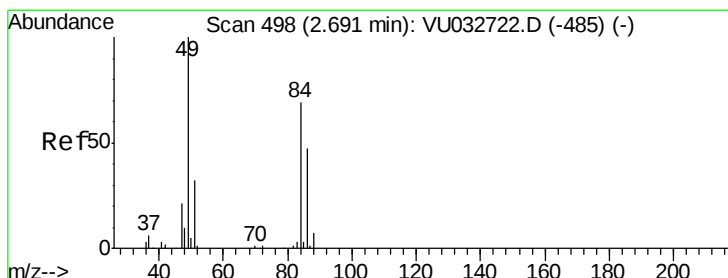
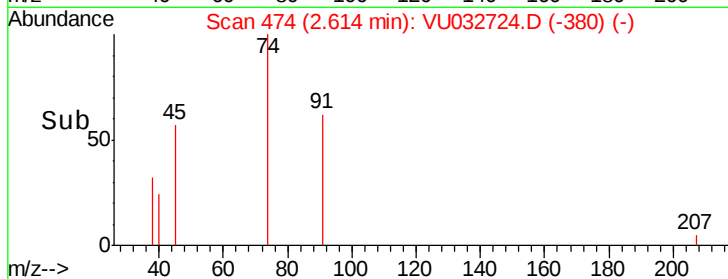
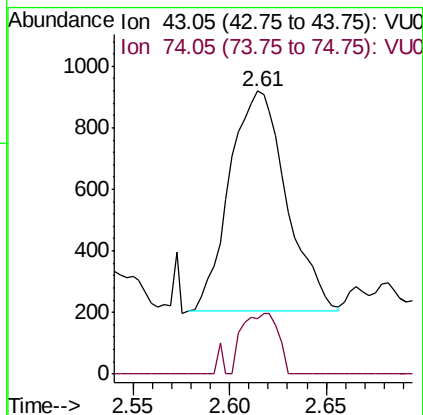
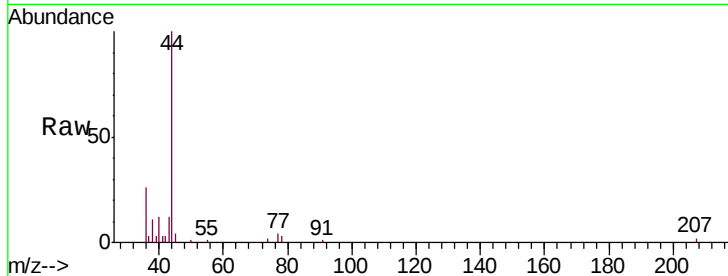




#15
Methyl Acetate
Concen: 0.356 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032724.D
Acq: 14 Jun 2019 15:35

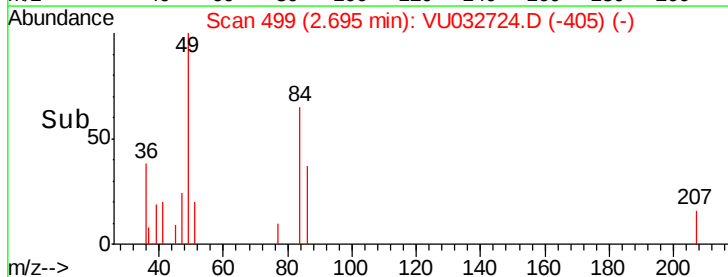
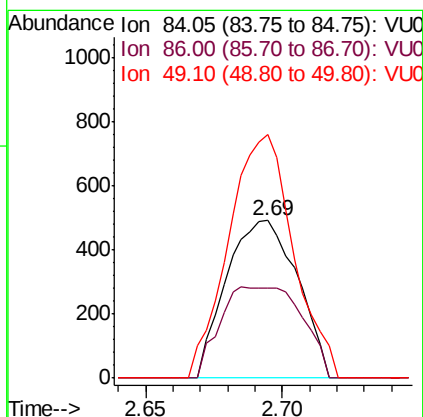
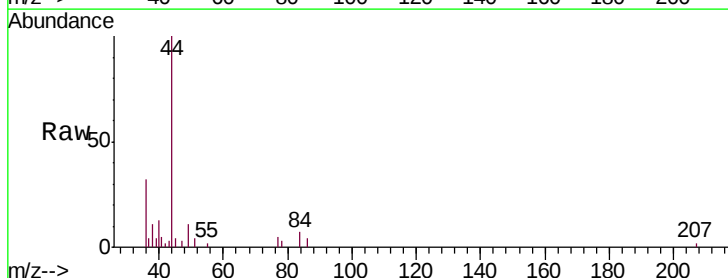
Instrument :
MSVOA_U
ClientSampleId :
COM64

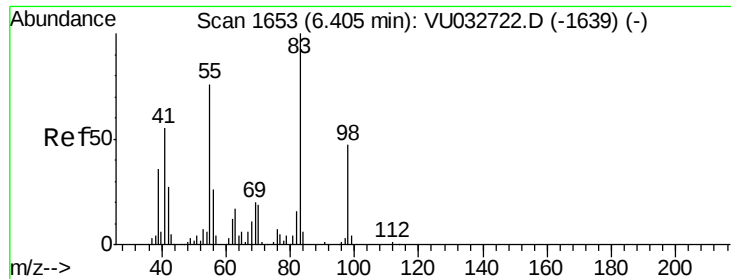
Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
74 17.4 17.8 26.8#



#16
Methylene chloride
Concen: 0.119 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032724.D
Acq: 14 Jun 2019 15:35

Tgt Ion: 84 Resp: 889
Ion Ratio Lower Upper
84 100
86 56.9 47.2 87.6
49 154.3 95.9 178.1





#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032724.D

Acq: 14 Jun 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

C0M64

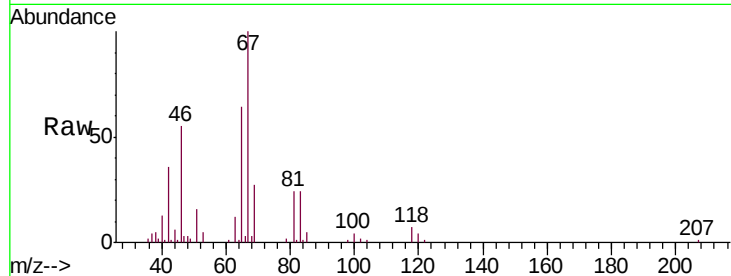
Tgt Ion: 83 Resp: 9233

Ion Ratio Lower Upper

83 100

55 0.7 60.0 90.0#

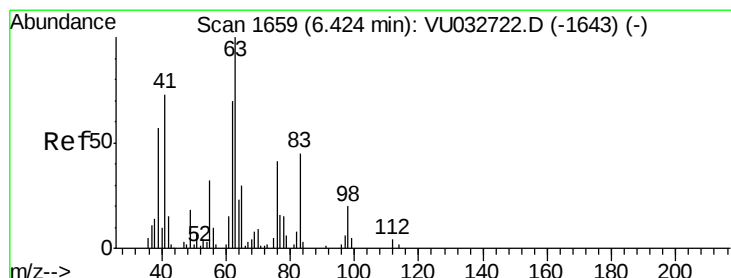
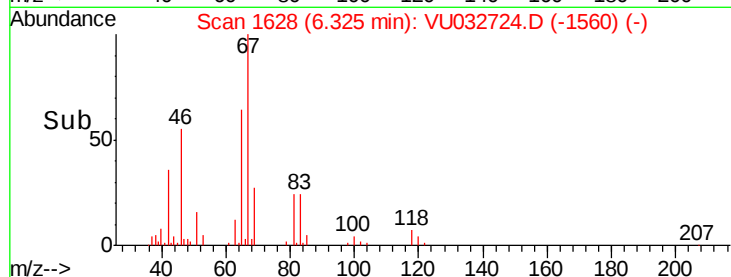
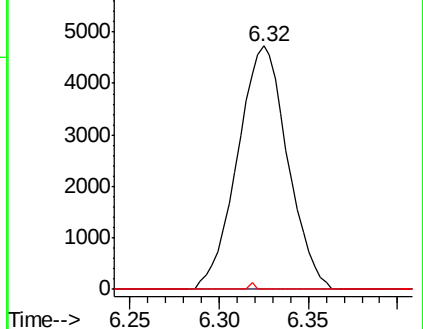
98 0.3 37.8 56.8#



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: 0.625 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032724.D

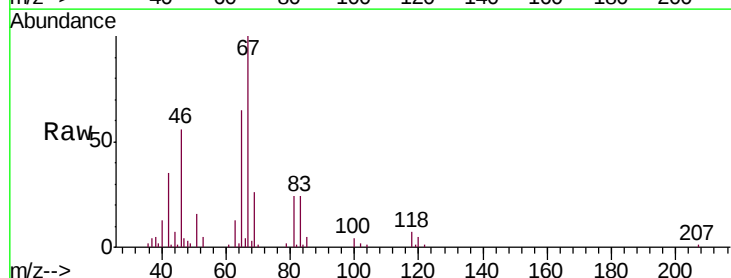
Acq: 14 Jun 2019 15:35

Tgt Ion: 63 Resp: 4676

Ion Ratio Lower Upper

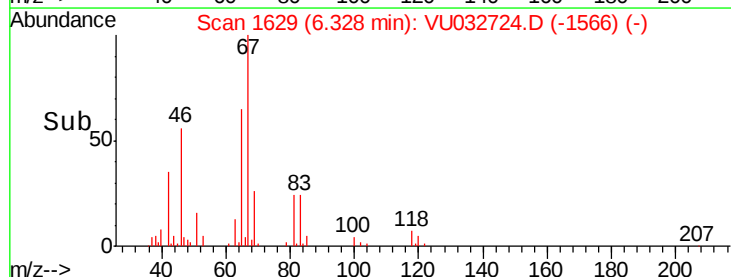
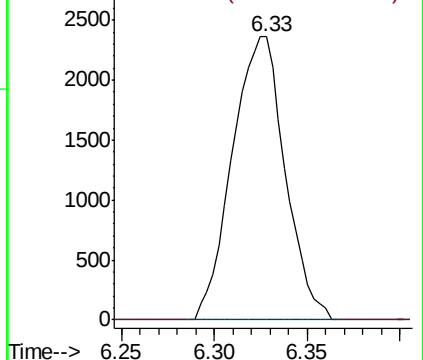
63 100

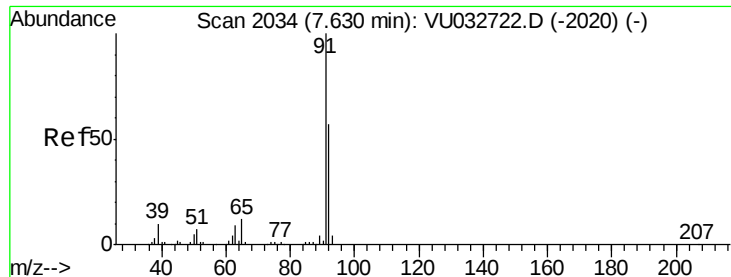
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.199 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032724.D

Acq: 14 Jun 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

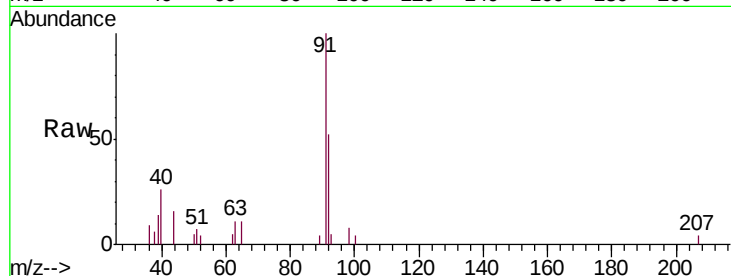
C0M64

Tgt Ion: 91 Resp: 6407

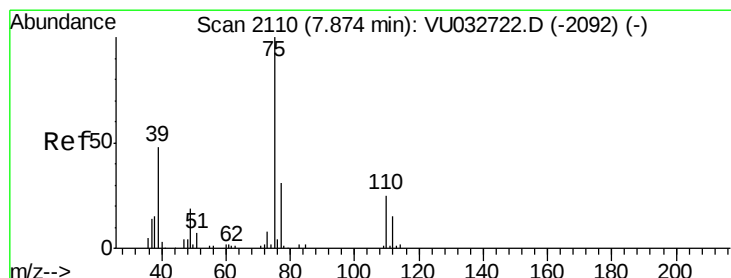
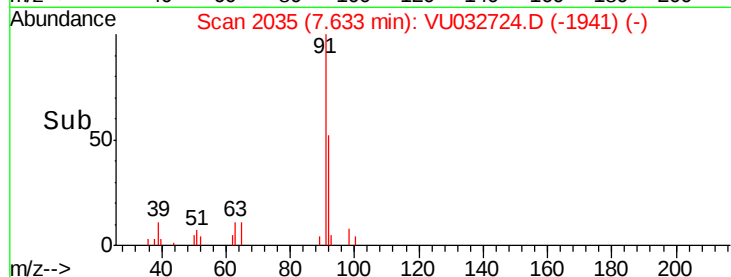
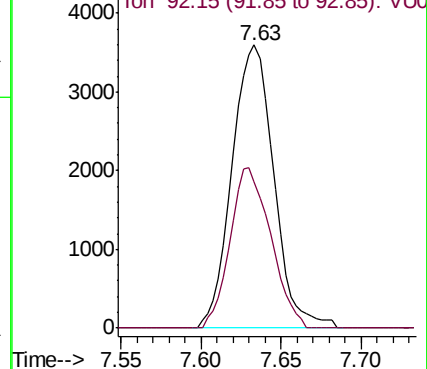
Ion Ratio Lower Upper

91 100

92 51.9 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032722.D (-2020) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032724.D

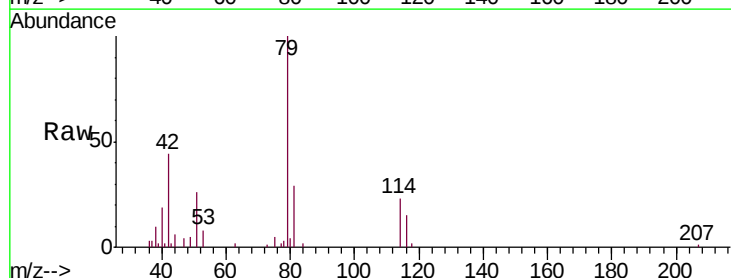
Acq: 14 Jun 2019 15:35

Tgt Ion: 75 Resp: 759

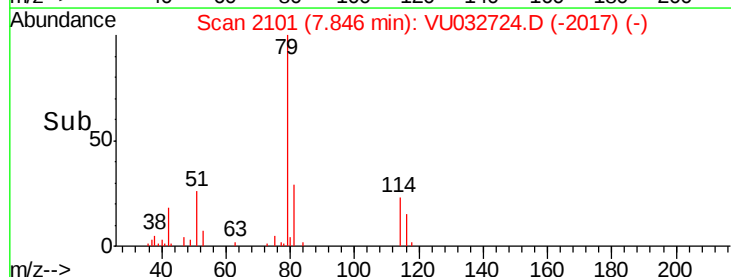
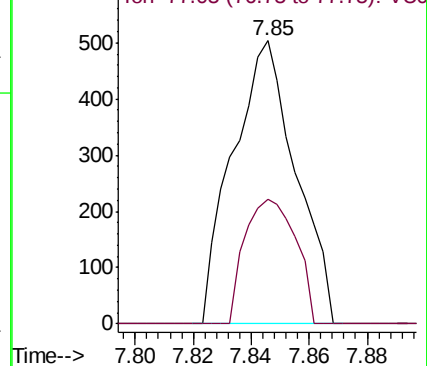
Ion Ratio Lower Upper

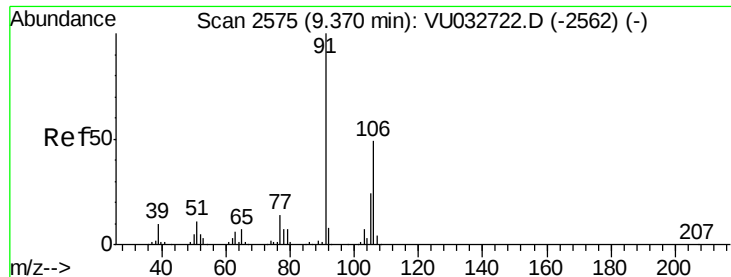
75 100

77 43.9 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU032722.D (-2092) (-)





#53

m,p-Xylene

Concen: 0.113 ug/L

RT: 9.36 min Scan# 2573

Delta R.T. -0.01 min

Lab File: VU032724.D

Acq: 14 Jun 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

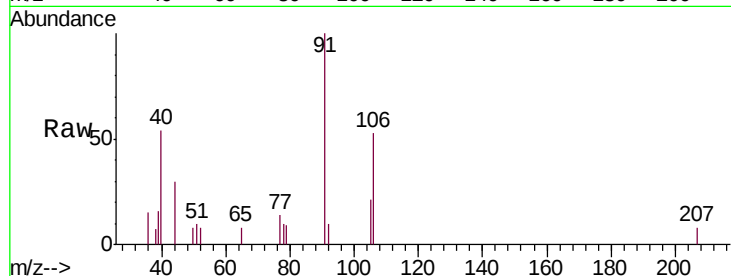
C0M64

Tgt Ion:106 Resp: 1526

Ion Ratio Lower Upper

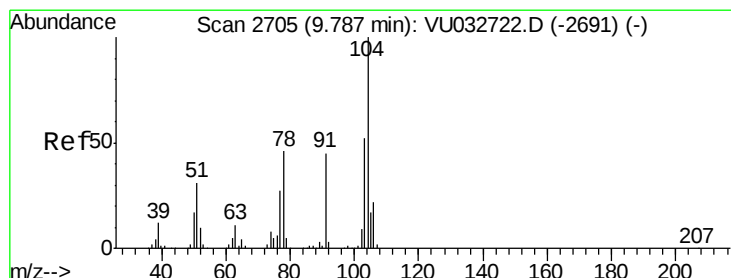
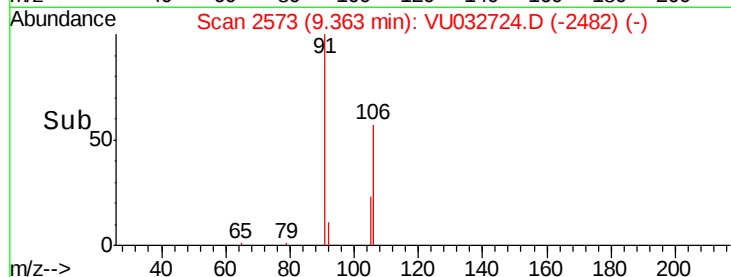
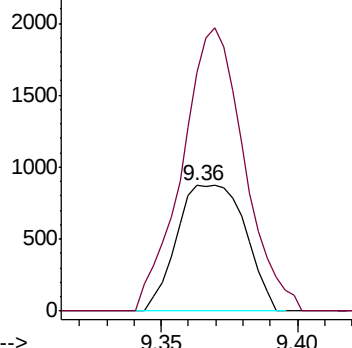
106 100

91 190.0 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.507 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU032724.D

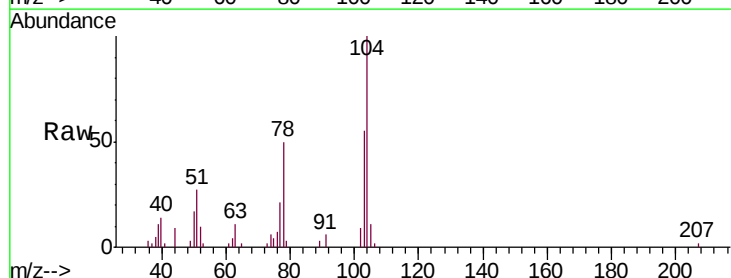
Acq: 14 Jun 2019 15:35

Tgt Ion:104 Resp: 11203

Ion Ratio Lower Upper

104 100

78 49.7 32.2 59.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

