

Data File : VU032741.D
Acq On : 14 Jun 2019 23:00
Operator : JC/SP
Sample : K3383-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XK1

Quant Time: Jun 14 23:54:39 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	100788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	94514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28108	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.67	69	24299	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.27	63	42864	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.18	46	101796	55.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.32%
24) Chloroform-d	4.64	84	60966	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.30	65	34638	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.33	84	114311	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.32	67	38545	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.56	98	100737	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.84	79	14721	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	77461	49.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	34965	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	42519	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

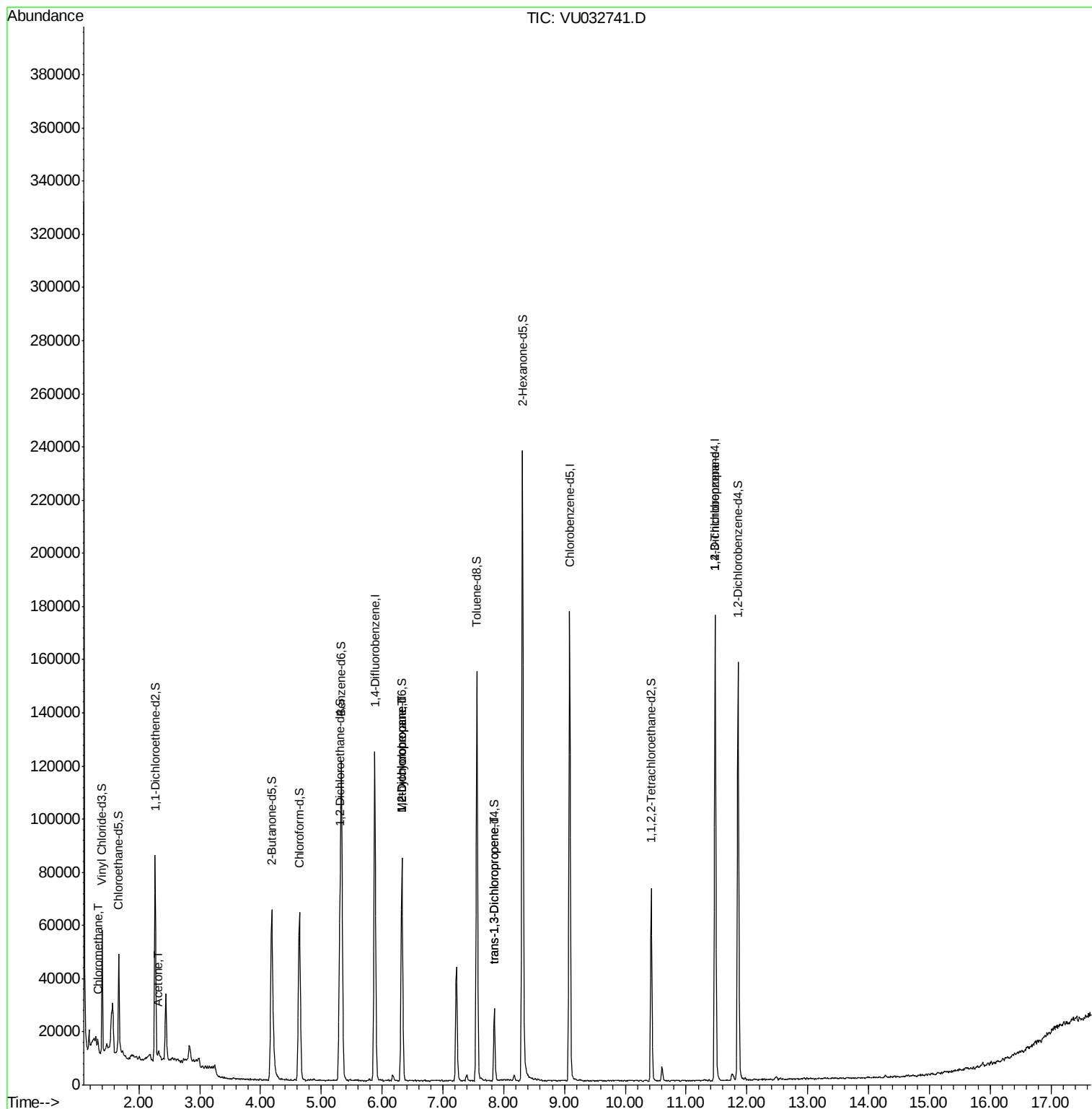
					Qvalue
3) Chloromethane	1.33	50	2913	0.325 ug/L	95
13) Acetone	2.32	43	2442	1.720 ug/L	97
35) Methylcyclohexane	6.32	83	8559	0.664 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4478	0.621 ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	732	0.083 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	5843	1.234 ug/L #	88

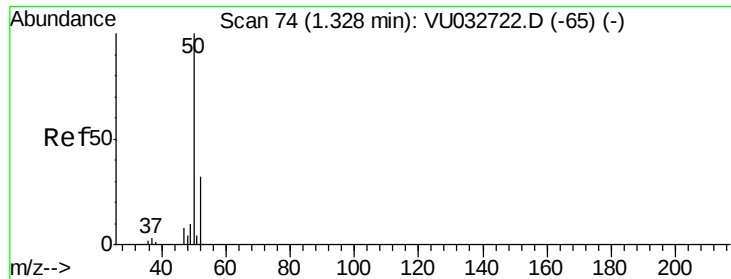
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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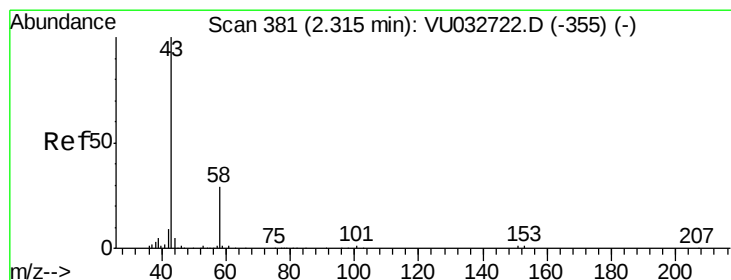
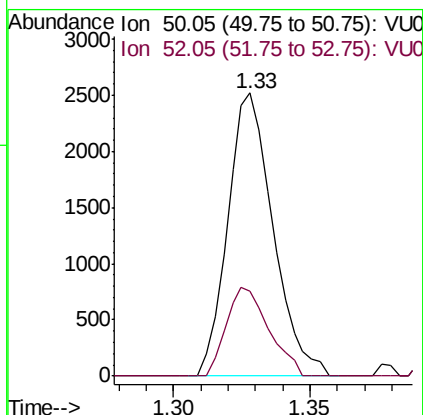
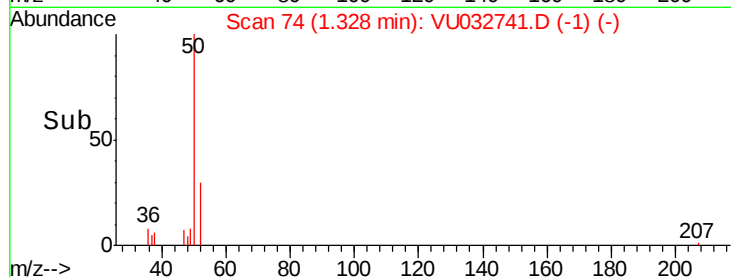
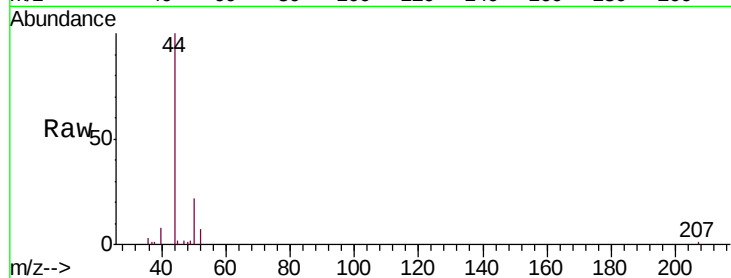




#3
Chloromethane
Concen: 0.325 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032741.D
Acq: 14 Jun 2019 23:00

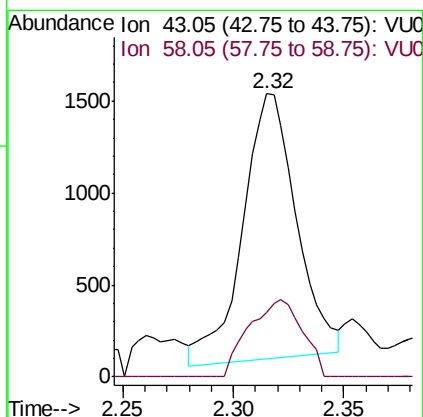
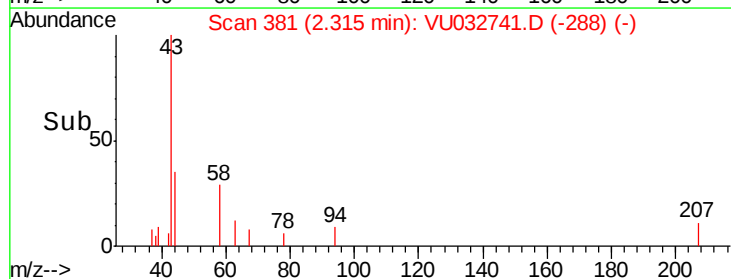
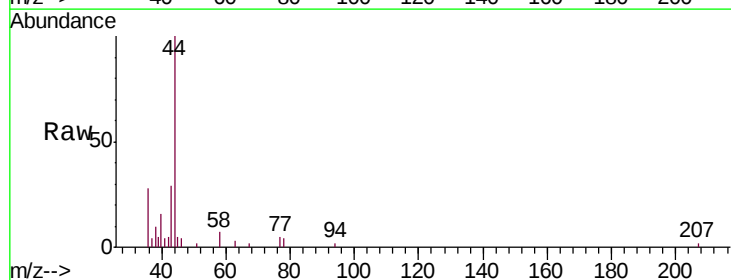
Instrument :
MSVOA_U
ClientSampleId :
C0XK1

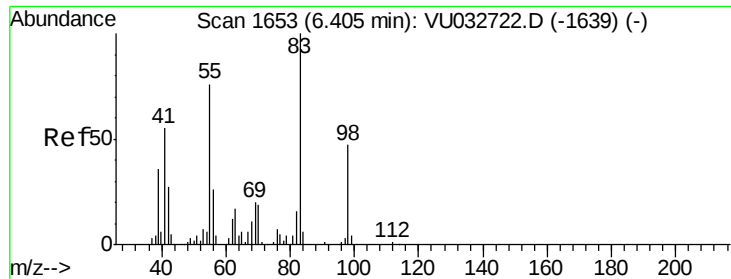
Tgt Ion: 50 Resp: 2913
Ion Ratio Lower Upper
50 100
52 30.2 23.2 43.2



#13
Acetone
Concen: 1.720 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032741.D
Acq: 14 Jun 2019 23:00

Tgt Ion: 43 Resp: 2442
Ion Ratio Lower Upper
43 100
58 28.9 0.0 60.8





#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032741.D

Acq: 14 Jun 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

C0XK1

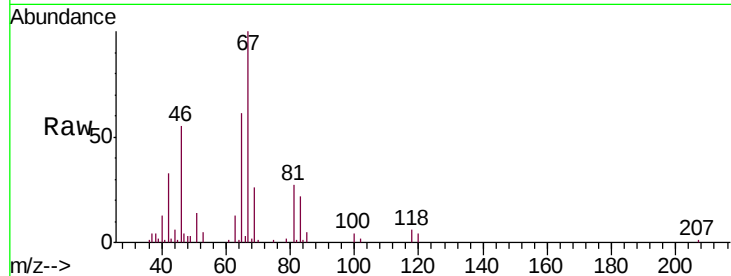
Tgt Ion: 83 Resp: 8559

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

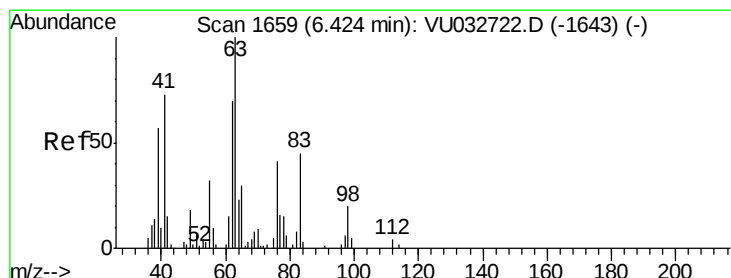
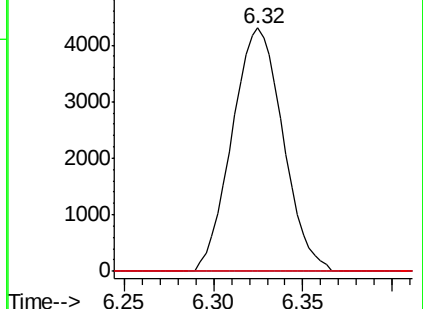
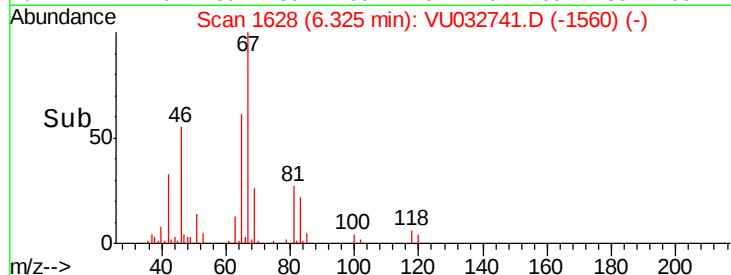
98 0.0 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032741.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032741.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032741.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032741.D

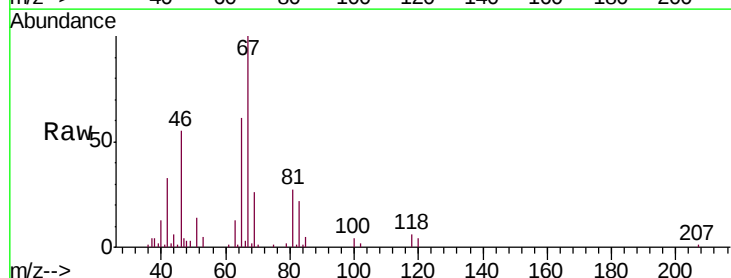
Acq: 14 Jun 2019 23:00

Tgt Ion: 63 Resp: 4478

Ion Ratio Lower Upper

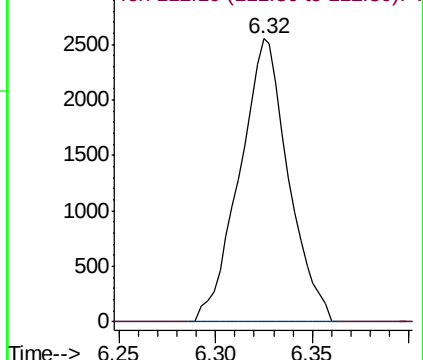
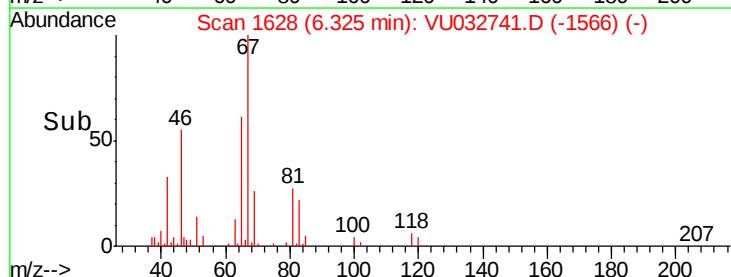
63 100

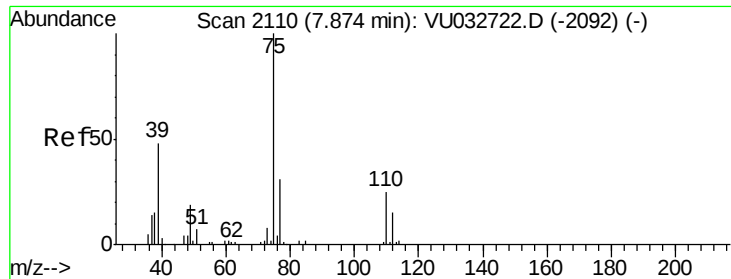
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032741.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VU032741.D (-1566) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032741.D

Acq: 14 Jun 2019 23:00

Instrument :

MSVOA_U

ClientSampled :

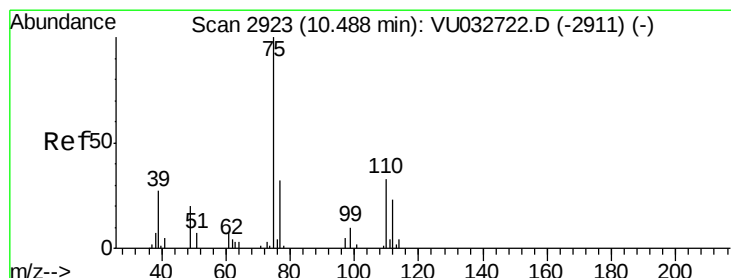
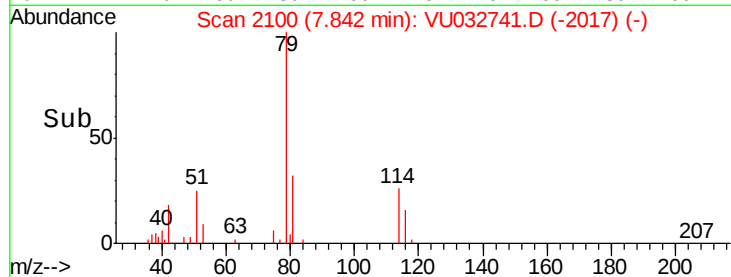
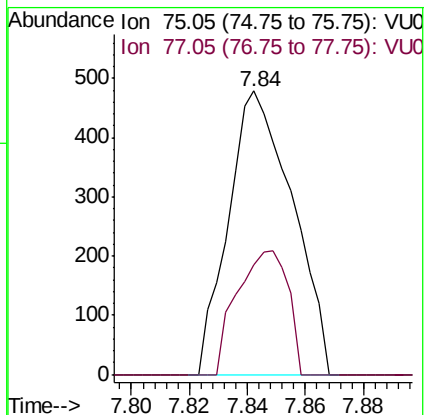
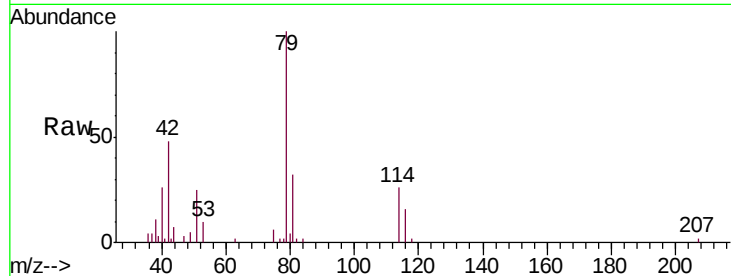
C0XK1

Tgt Ion: 75 Resp: 732

Ion Ratio Lower Upper

75 100

77 38.7 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 1.234 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032741.D

Acq: 14 Jun 2019 23:00

Tgt Ion: 75 Resp: 5843

Ion Ratio Lower Upper

75 100

77 38.4 25.3 37.9#

