

Data File : VU033474.D
Acq On : 29 Jul 2019 17:41
Operator : JC/SP
Sample : VU0729WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK31

Quant Time: Jul 30 04:16:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	276938	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283362	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	124720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125772	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.04%
7) Chloroethane-d5	1.67	69	109383	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.30%
11) 1,1-Dichloroethene-d2	2.26	63	158538	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	4.15	46	141884	98.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.62	84	187474	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.29	65	130354	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.32	84	399545	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
36) 1,2-Dichloropropane-d6	6.31	67	125057	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.55	98	351896	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%
43) trans-1,3-Dichloropropene-	7.83	79	55301	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.30	63	104668	106.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.79%
56) 1,1,2,2-Tetrachloroethane-	10.41	84	181501	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
66) 1,2-Dichlorobenzene-d4	11.85	152	133343	55.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.28%

Target Compounds

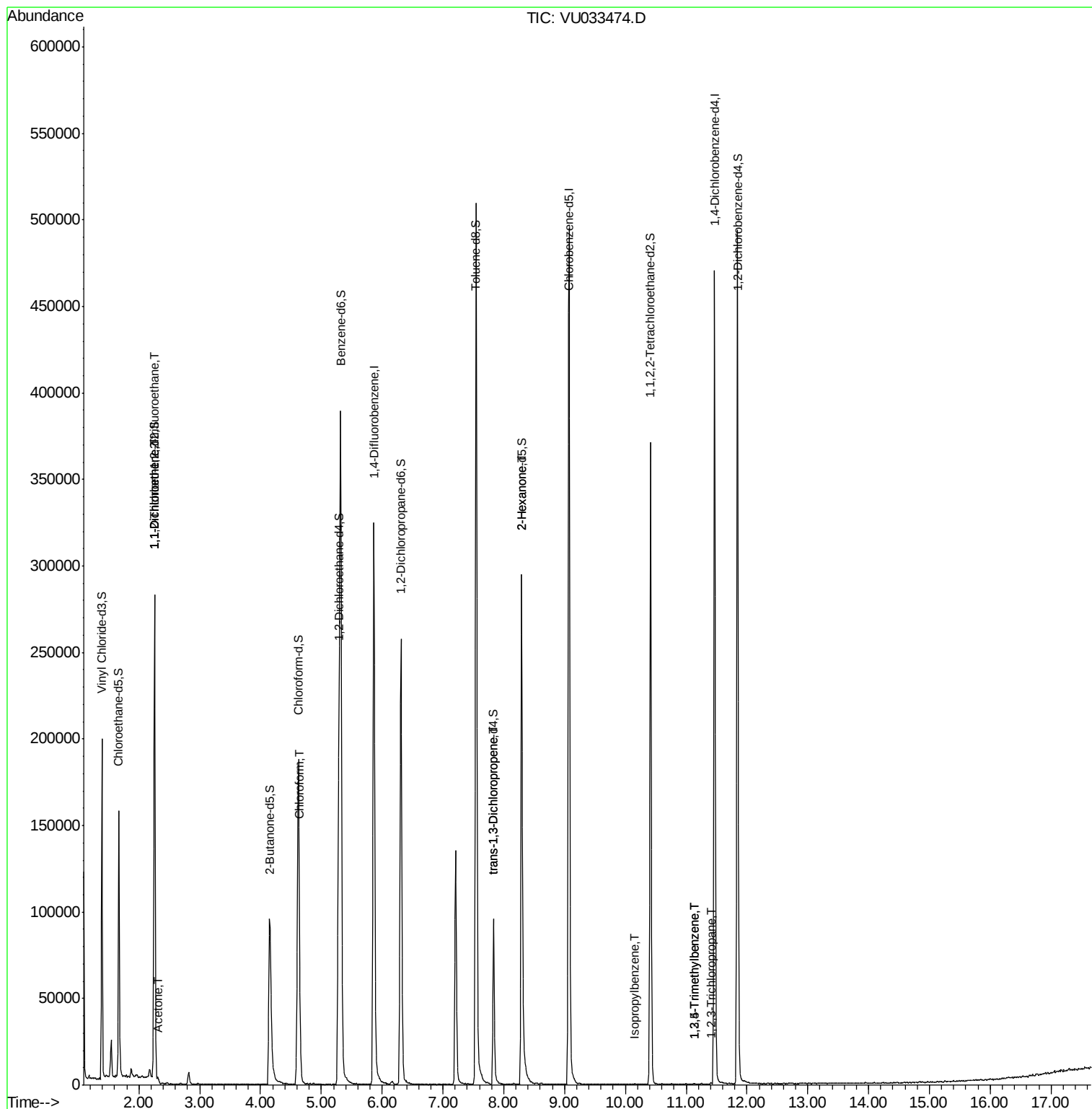
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1534	0.738 ug/L #	20
12) 1,1-Dichloroethene	2.25	96	1379	0.681 ug/L #	1
13) Acetone	2.31	43	808	0.566 ug/L	58
25) Chloroform	4.65	83	11923	2.968 ug/L	90
44) trans-1,3-Dichloropropene	7.84	75	2665	0.864 ug/L #	77
48) 2-Hexanone	8.29	43	11950	4.886 ug/L #	66
60) 1,2,3-Trichloropropane	11.41	75	98	0.039 ug/L #	39
61) Isopropylbenzene	10.15	105	283	0.035 ug/L #	53
62) 1,3,5-Trimethylbenzene	11.14	105	109	0.017 ug/L #	28
63) 1,2,4-Trimethylbenzene	11.14	105	109	0.017 ug/L #	31

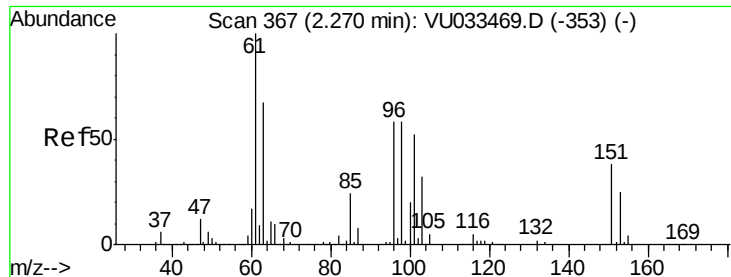
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.738 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033474.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK31

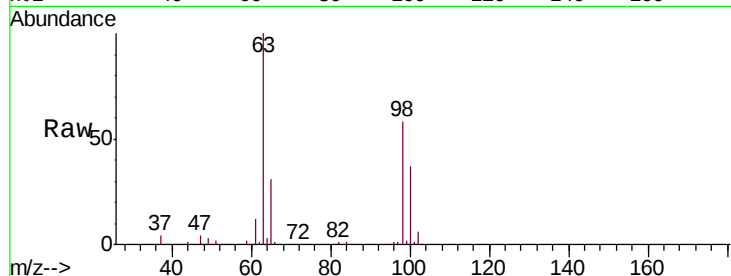
Tgt Ion: 101 Resp: 1534

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

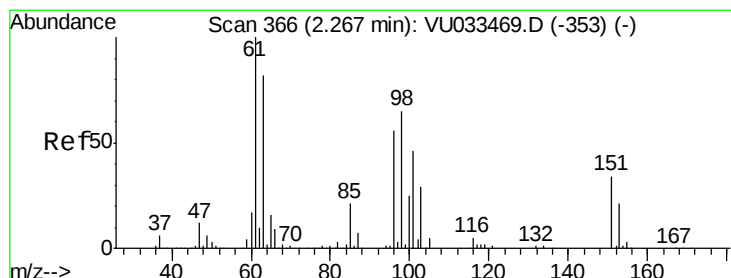
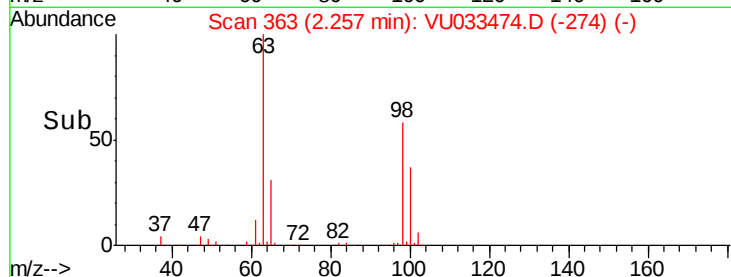
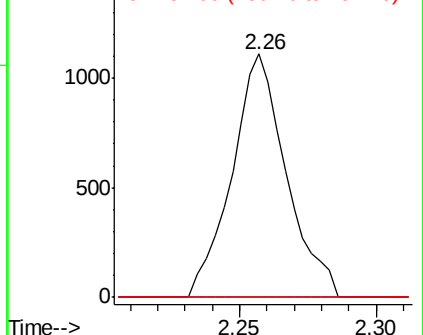
151 0.0 58.6 87.8#



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: 0.681 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033474.D

Acq: 29 Jul 2019 17:41

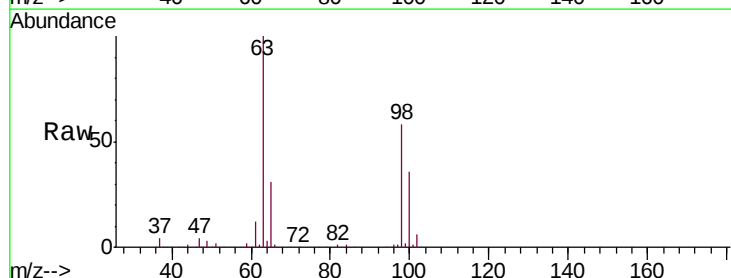
Tgt Ion: 96 Resp: 1379

Ion Ratio Lower Upper

96 100

61 1533.2 124.1 230.5#

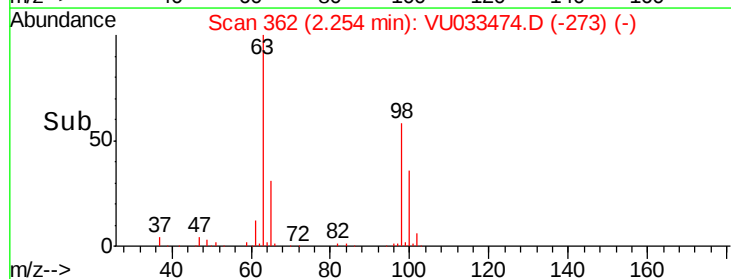
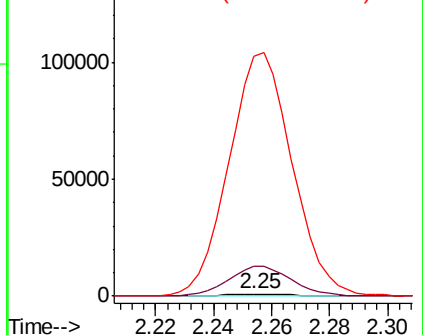
63 12315.4 101.8 189.2#

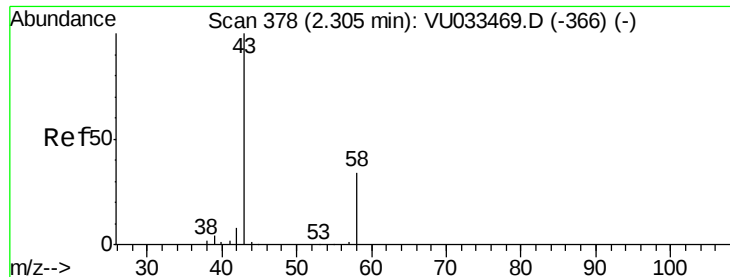


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

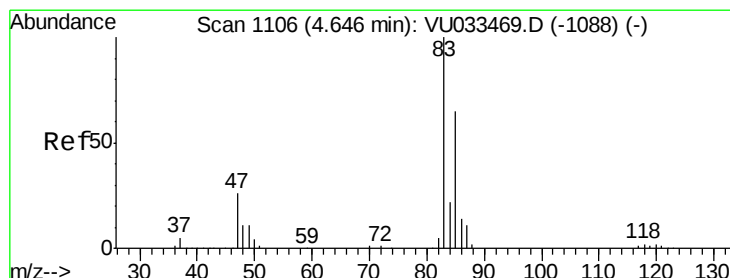
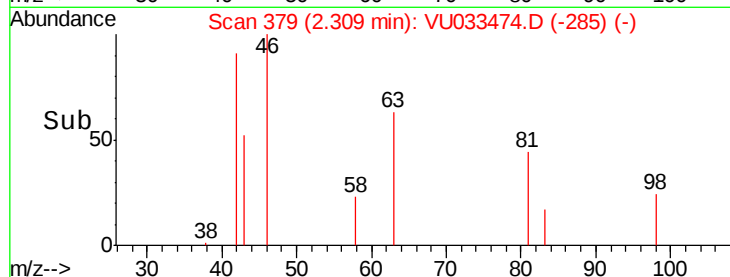
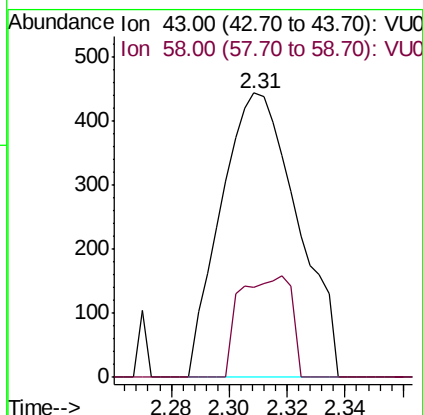
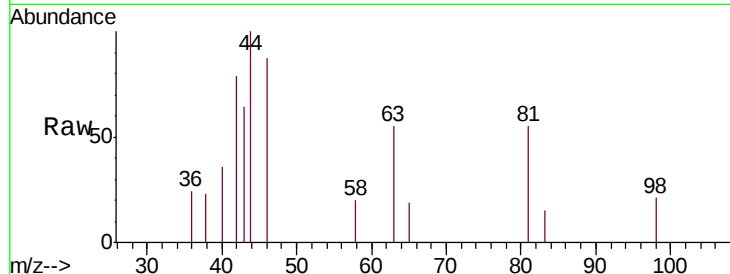




#13
Acetone
Concen: 0.566 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033474.D
Acq: 29 Jul 2019 17:41

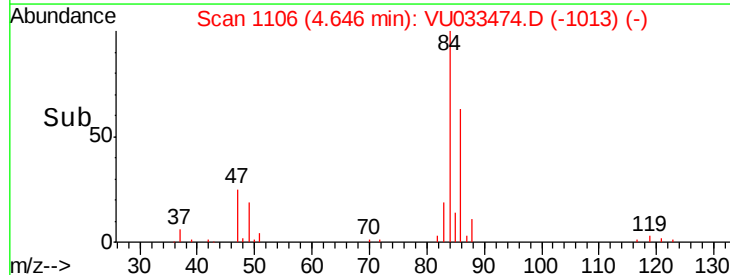
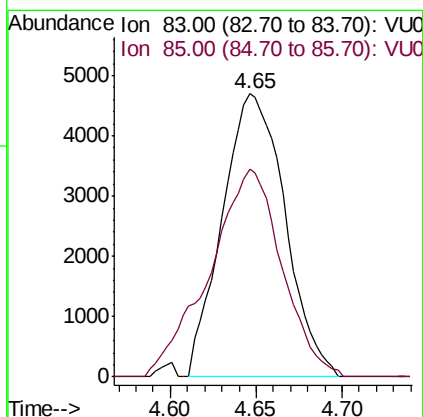
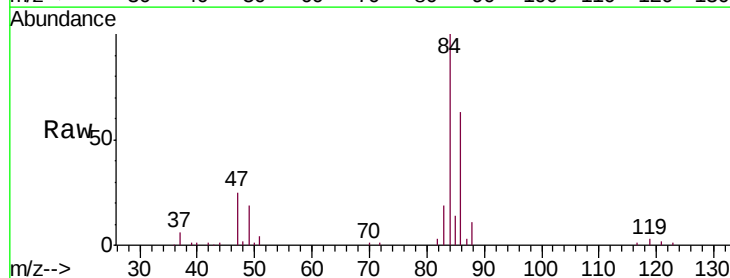
Instrument :
MSVOA_U
ClientSampleId :
VBLK31

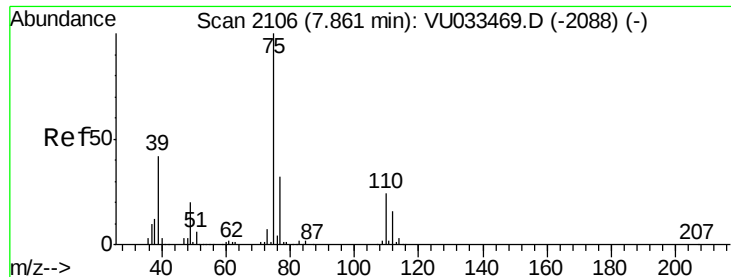
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 9.8 0.0 67.4



#25
Chloroform
Concen: 2.968 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033474.D
Acq: 29 Jul 2019 17:41

Tgt Ion: 83 Resp: 11923
Ion Ratio Lower Upper
83 100
85 73.3 45.6 84.8





#44

trans-1,3-Dichloropropene

Concen: 0.864 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033474.D

Acq: 29 Jul 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

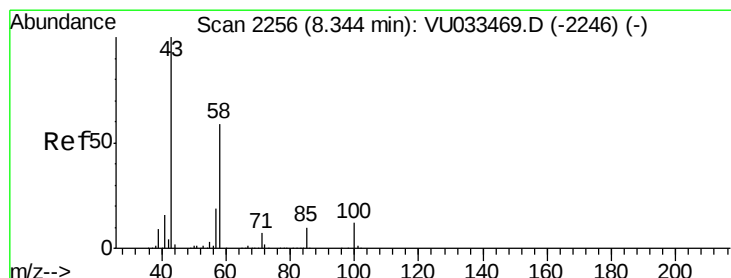
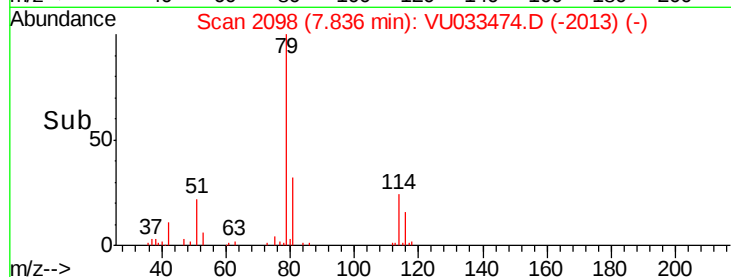
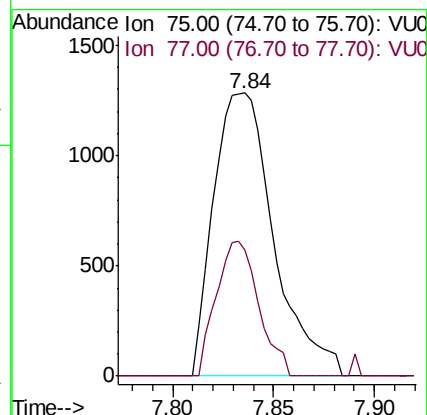
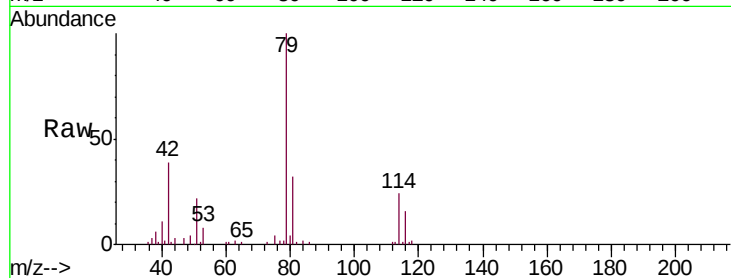
VBLK31

Tgt Ion: 75 Resp: 2665

Ion Ratio Lower Upper

75 100

77 44.6 22.3 41.5#



#48

2-Hexanone

Concen: 4.886 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU033474.D

Acq: 29 Jul 2019 17:41

Tgt Ion: 43 Resp: 11950

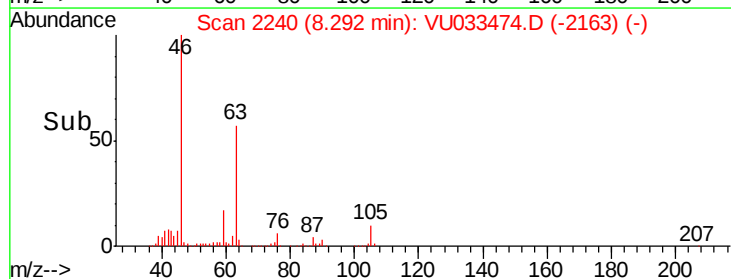
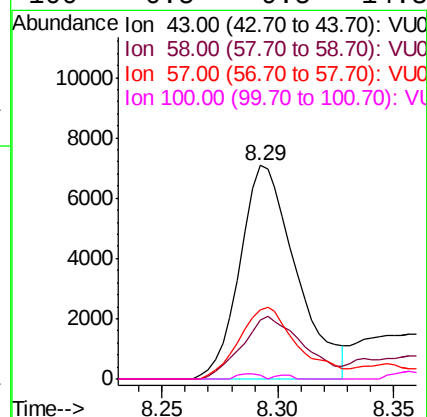
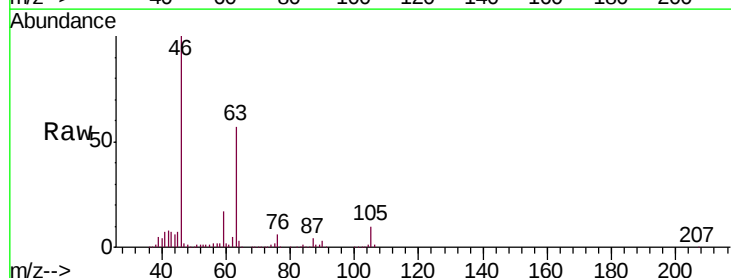
Ion Ratio Lower Upper

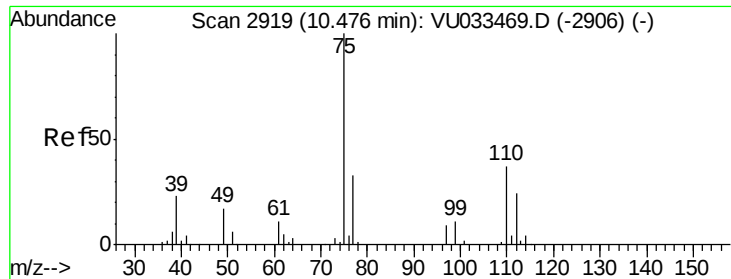
43 100

58 32.3 46.6 69.8#

57 35.4 16.0 24.0#

100 0.5 9.5 14.3#

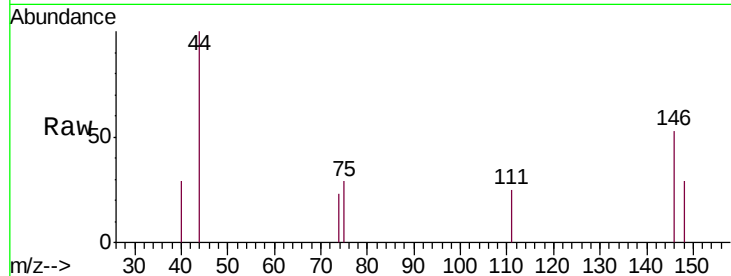




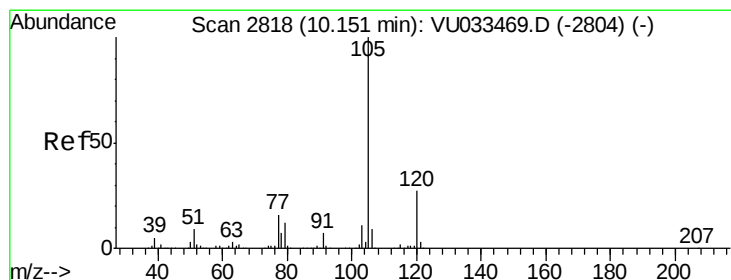
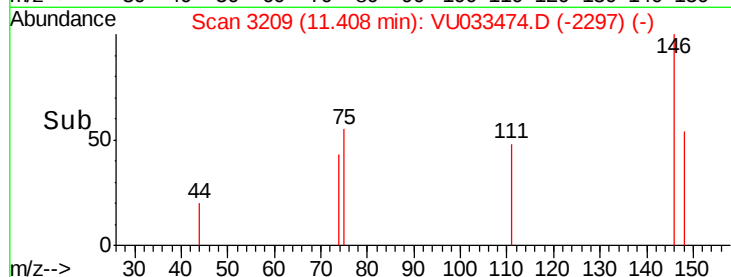
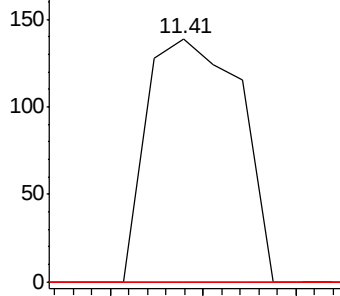
#60
 1,2,3-Trichloropropane
 Concen: 0.039 ug/L
 RT: 11.41 min Scan# 3209
 Delta R.T. 0.93 min
 Lab File: VU033474.D
 Acq: 29 Jul 2019 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK31

Tgt Ion: 75 Resp: 98
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.9 38.9#
 110 0.0 30.2 45.4#

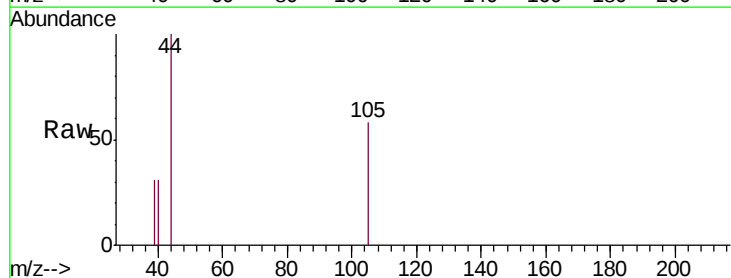


Abundance Ion 75.00 (74.70 to 75.70): VU033469.D (-2906) (-)
 Ion 77.00 (76.70 to 77.70): VU033469.D (-2906) (-)
 Ion 110.00 (109.70 to 110.70): VU033469.D (-2906) (-)

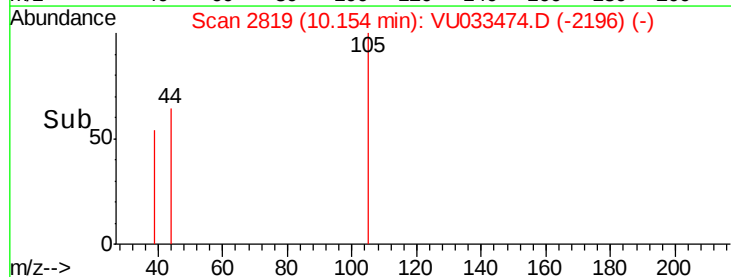
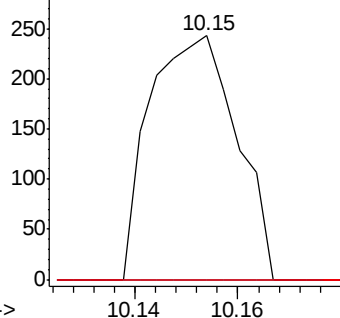


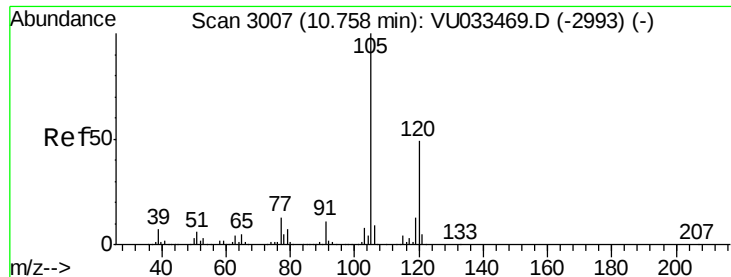
#61
 Isopropylbenzene
 Concen: 0.035 ug/L
 RT: 10.15 min Scan# 2819
 Delta R.T. 0.00 min
 Lab File: VU033474.D
 Acq: 29 Jul 2019 17:41

Tgt Ion: 105 Resp: 283
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.7 32.5#
 77 0.0 12.6 19.0#



Abundance Ion 105.00 (104.70 to 105.70): VU033469.D (-2804) (-)
 Ion 120.00 (119.70 to 120.70): VU033469.D (-2804) (-)
 Ion 77.00 (76.70 to 77.70): VU033469.D (-2804) (-)





#62

1,3,5-Trimethylbenzene

Concen: 0.017 ug/L

RT: 11.14 min Scan# 3127

Delta R.T. 0.39 min

Lab File: VU033474.D

Acq: 29 Jul 2019 17:41

Instrument :

MSVOA_U

ClientSampleId :

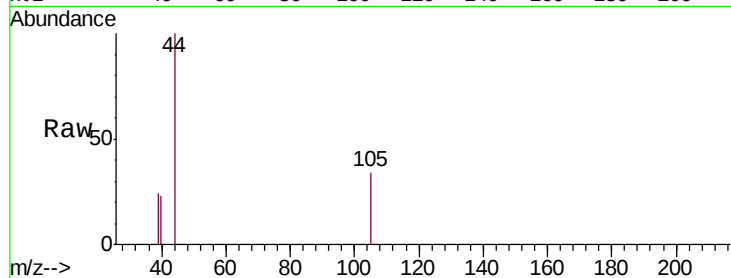
VBLK31

Tgt Ion:105 Resp: 109

Ion Ratio Lower Upper

105 100

120 0.0 39.0 58.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.14

150

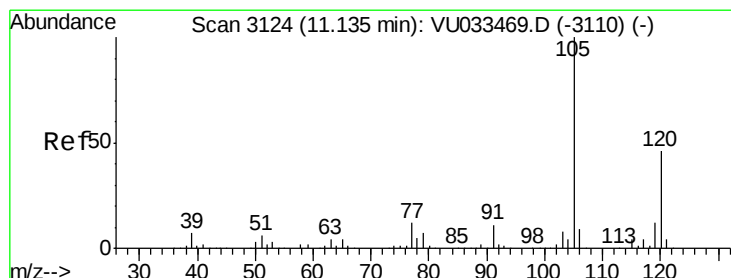
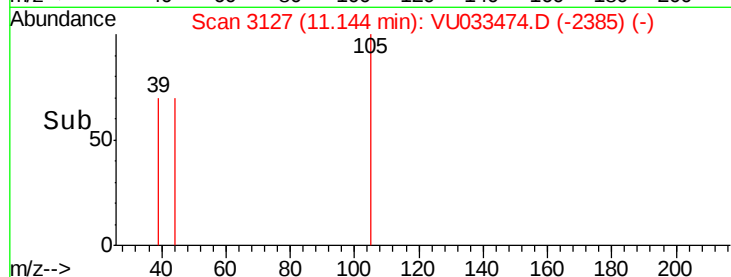
100

50

0

11.13 11.14 11.15

Time-->



#63

1,2,4-Trimethylbenzene

Concen: 0.017 ug/L

RT: 11.14 min Scan# 3127

Delta R.T. 0.01 min

Lab File: VU033474.D

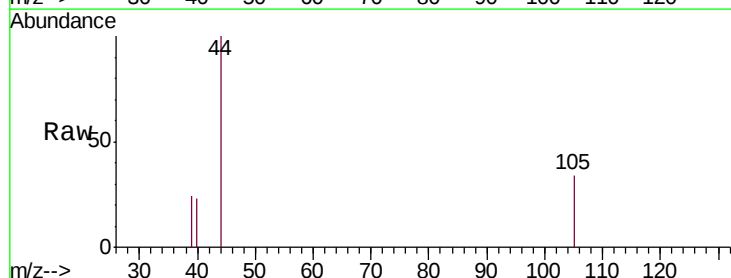
Acq: 29 Jul 2019 17:41

Tgt Ion:105 Resp: 109

Ion Ratio Lower Upper

105 100

120 0.0 36.6 55.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.14

150

100

50

0

11.13 11.14 11.15

Time-->

