

Data File : VU033473.D
Acq On : 29 Jul 2019 17:18
Operator : JC/SP
Sample : VU0729MBL01
Misc : 5.00g/mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK60

Quant Time: Jul 30 04:15:54 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	281179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292969	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	125401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123237	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.67	69	105404	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.94%
11) 1,1-Dichloroethene-d2	2.25	63	165160	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
21) 2-Butanone-d5	4.15	46	142101	97.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.13%
24) Chloroform-d	4.62	84	182973	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
26) 1,2-Dichloroethane-d4	5.29	65	126563	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.32	84	386722	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.31	67	123764	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.55	98	347176	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%
43) trans-1,3-Dichloropropene-	7.83	79	54407	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.28%
47) 2-Hexanone-d5	8.30	63	98171	96.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.88%
56) 1,1,2,2-Tetrachloroethane-	10.41	84	178574	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	11.85	152	130435	54.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.26%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1488	0.705	ug/L #	22
12) 1,1-Dichloroethene	2.25	96	1315	0.639	ug/L #	1
13) Acetone	2.31	43	843	0.581	ug/L	70
25) Chloroform	4.65	83	6882	1.687	ug/L	91
39) cis-1,3-Dichloropropene	7.21	75	3500	0.997	ug/L #	64
44) trans-1,3-Dichloropropene	7.83	75	2435	0.764	ug/L	85
60) 1,2,3-Trichloropropane	11.47	75	15659	6.129	ug/L #	64
61) Isopropylbenzene	10.15	105	210	0.026	ug/L #	53
62) 1,3,5-Trimethylbenzene	10.76	105	106	0.016	ug/L #	28
63) 1,2,4-Trimethylbenzene	11.14	105	160	0.025	ug/L #	31

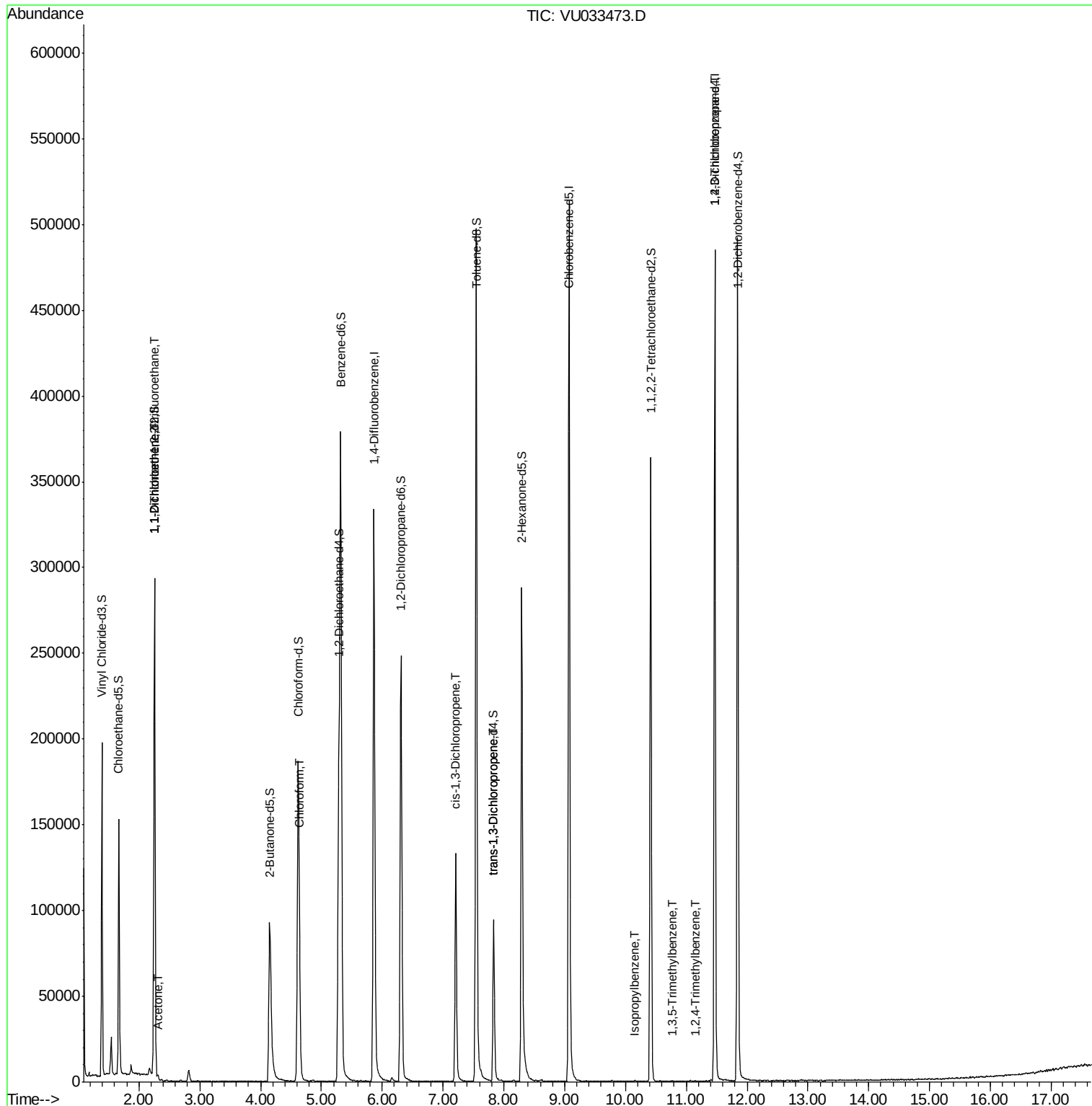
(#) = qualifier out of range (m) = manual integration (+) = signals summed

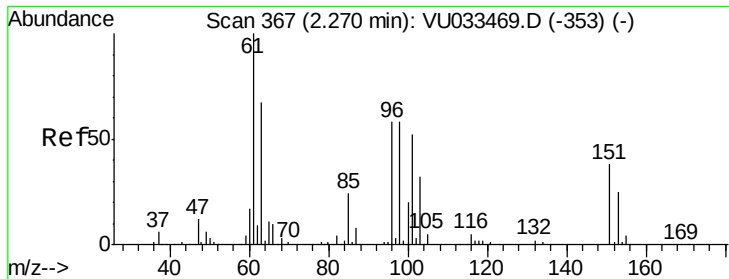
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QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration





#10

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

Concen: 0.705 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033473.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK60

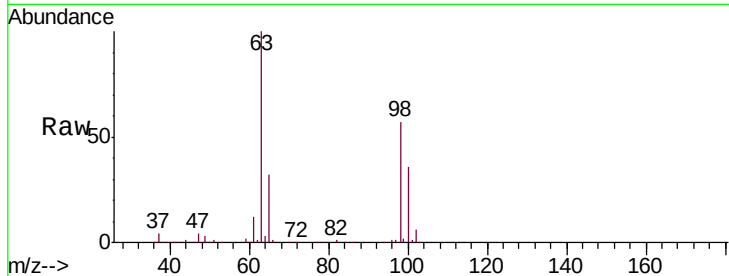
Tgt Ion: 101 Resp: 1488

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

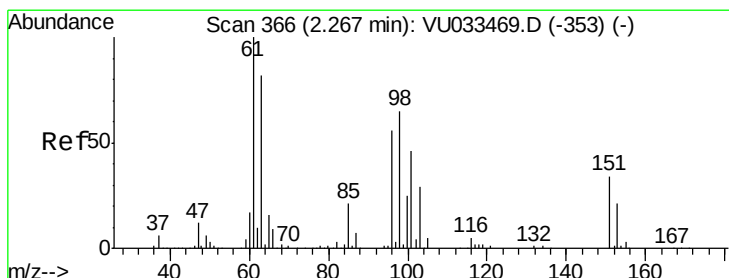
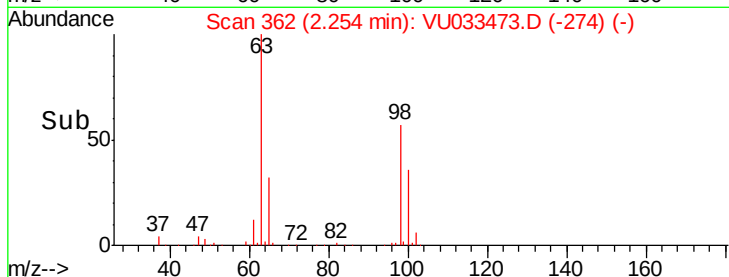
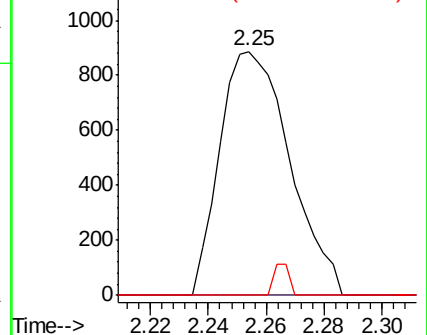
151 2.9 58.6 87.8#



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: 0.639 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

Lab File: VU033473.D

Acq: 29 Jul 2019 17:18

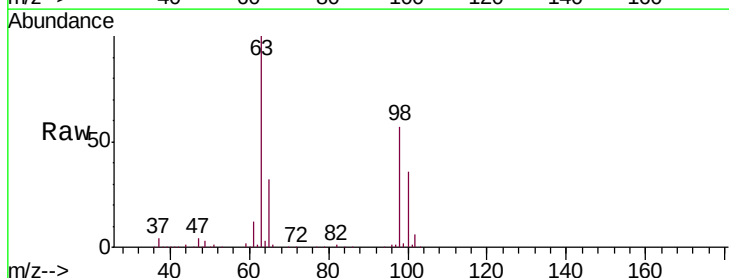
Tgt Ion: 96 Resp: 1315

Ion Ratio Lower Upper

96 100

61 1381.7 124.1 230.5#

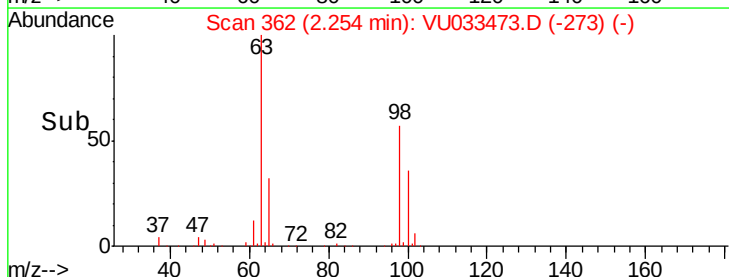
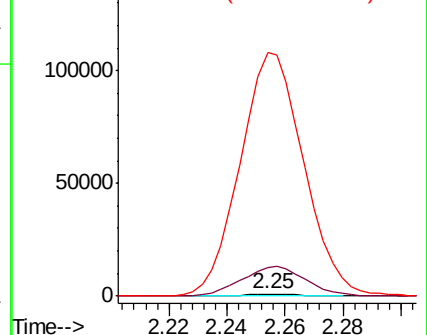
63 11720.3 101.8 189.2#

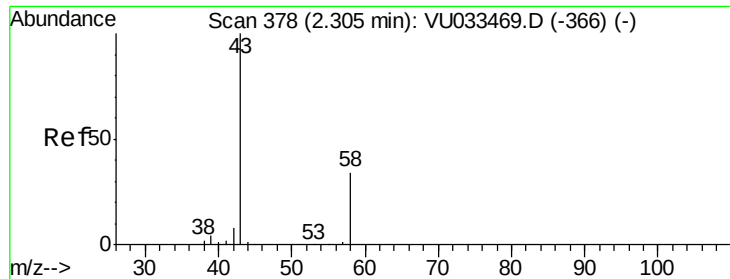


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.581 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033473.D

Acq: 29 Jul 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

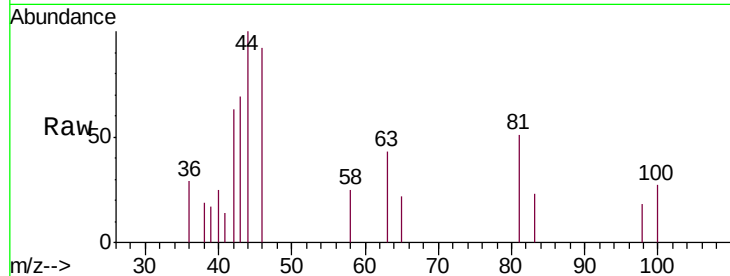
VBLK60

Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

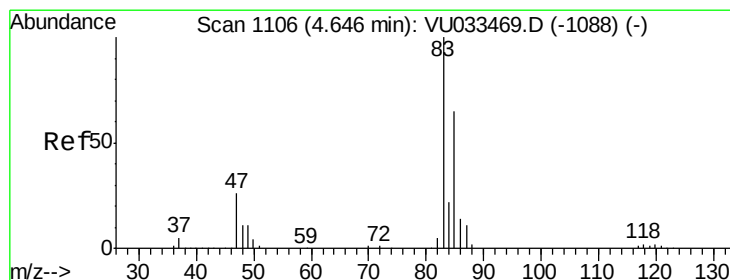
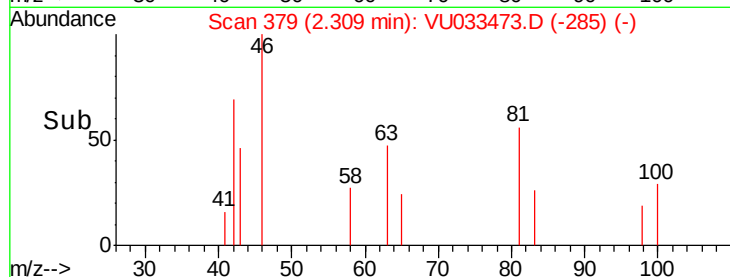
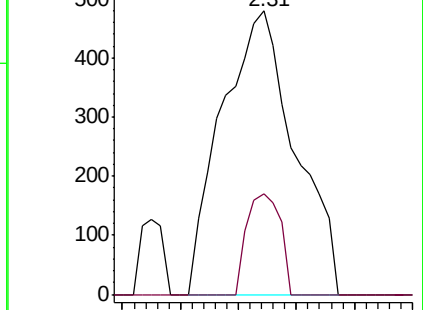
43 100

58 16.4 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VU033469.D (-366) (-)

Ion 58.00 (57.70 to 58.70): VU033469.D (-366) (-)



#25

Chloroform

Concen: 1.687 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033473.D

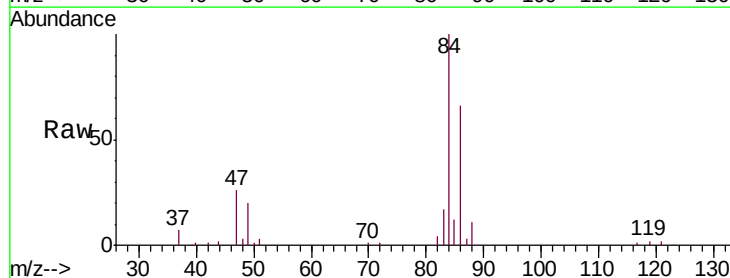
Acq: 29 Jul 2019 17:18

Tgt Ion: 83 Resp: 6882

Ion Ratio Lower Upper

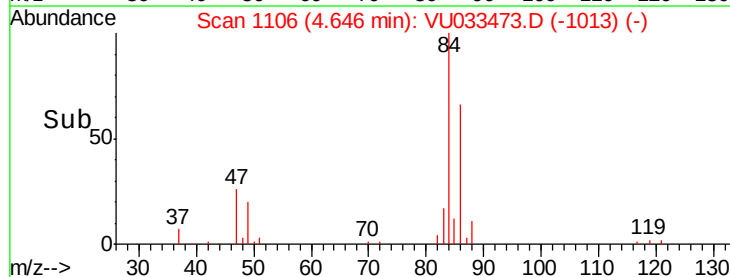
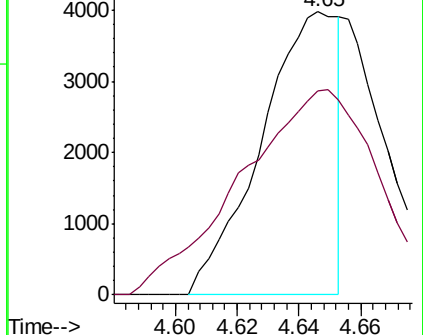
83 100

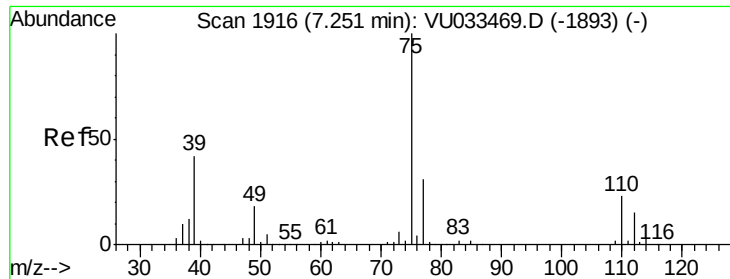
85 72.1 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VU033469.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033469.D (-1088) (-)

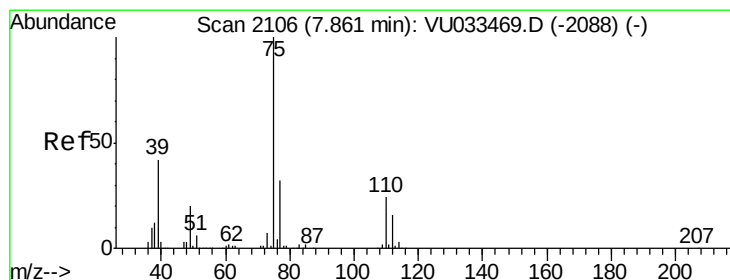
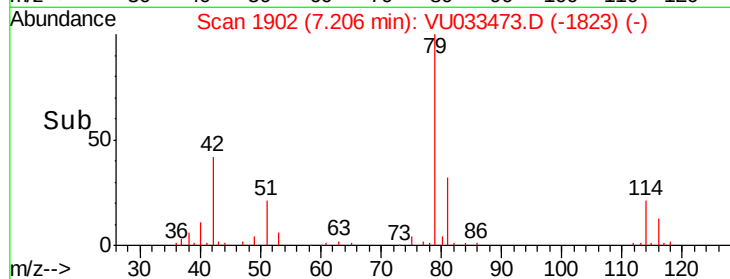
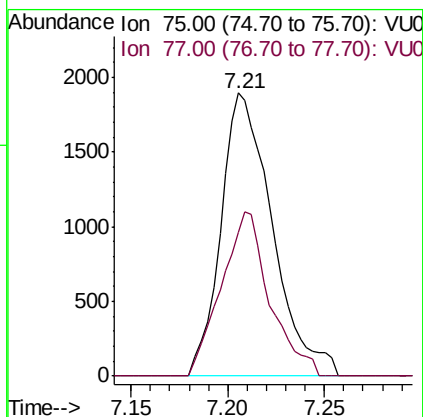
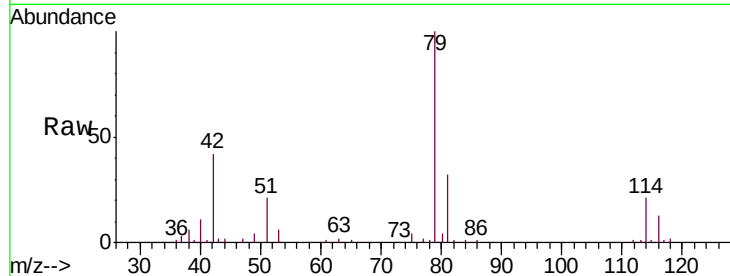




#39
 cis-1,3-Dichloropropene
 Concen: 0.997 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033473.D
 Acq: 29 Jul 2019 17:18

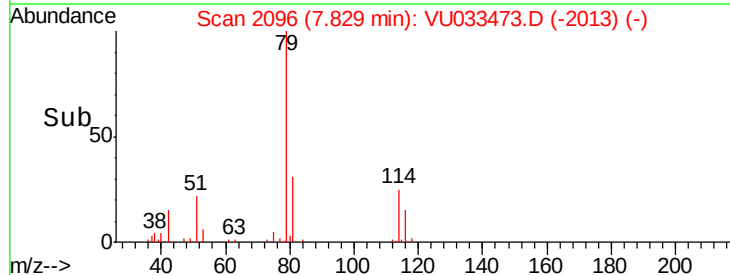
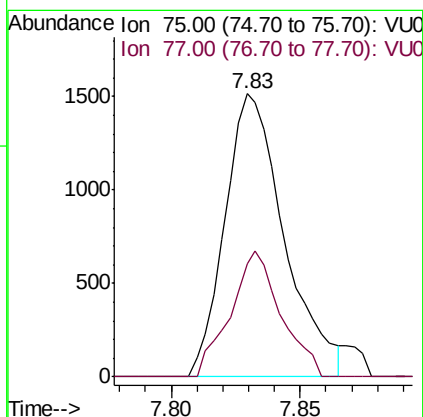
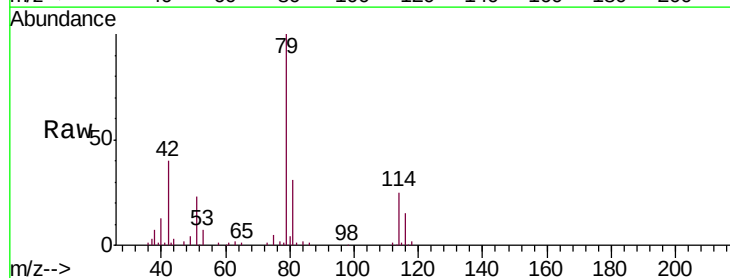
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK60

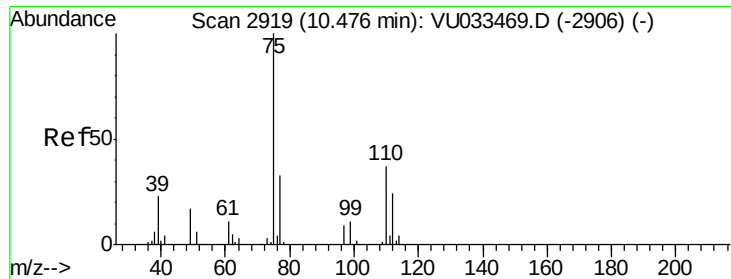
Tgt Ion: 75 Resp: 3500
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.6 40.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.764 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033473.D
 Acq: 29 Jul 2019 17:18

Tgt Ion: 75 Resp: 2435
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.3 41.5

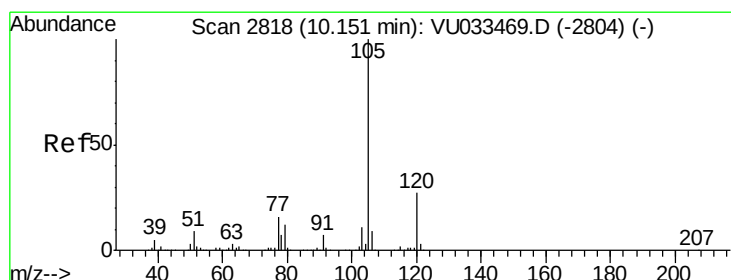
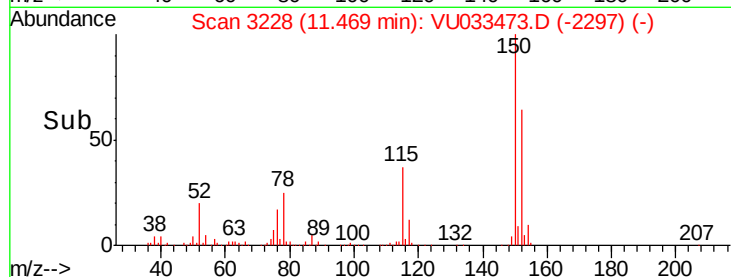
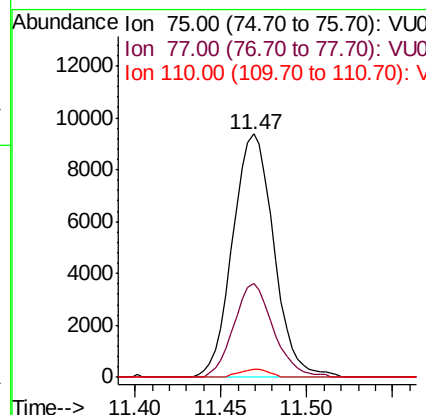
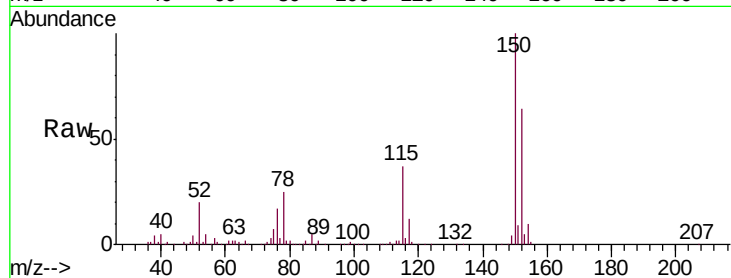




#60
 1,2,3-Trichloropropane
 Concen: 6.129 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033473.D
 Acq: 29 Jul 2019 17:18

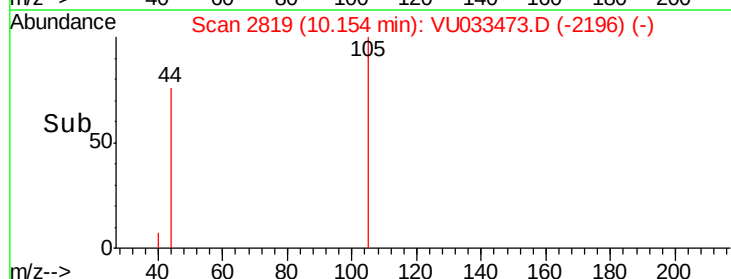
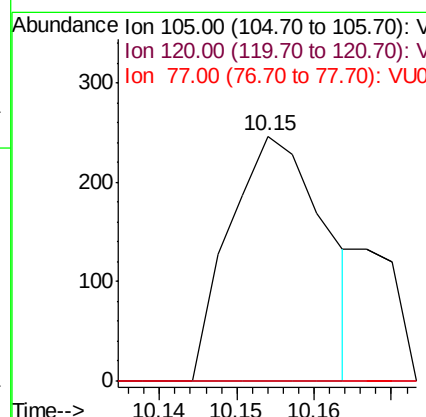
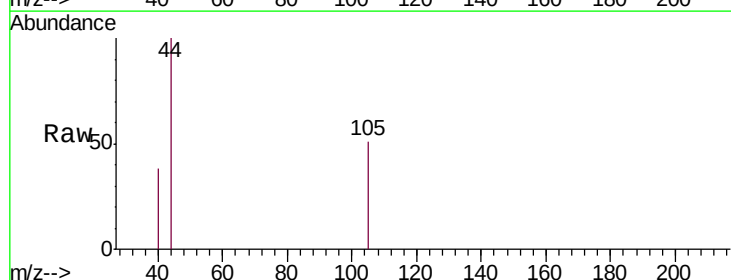
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK60

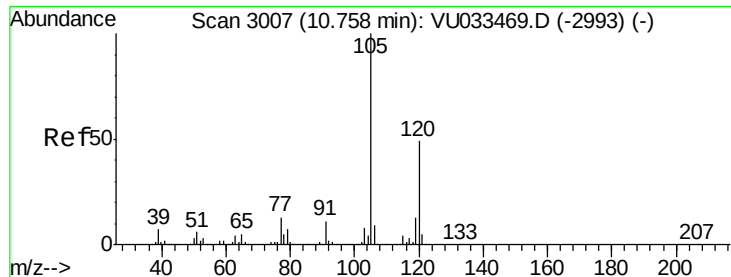
Tgt Ion: 75 Resp: 15659
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.9 38.9
 110 2.3 30.2 45.4#



#61
 Isopropylbenzene
 Concen: 0.026 ug/L
 RT: 10.15 min Scan# 2819
 Delta R.T. 0.00 min
 Lab File: VU033473.D
 Acq: 29 Jul 2019 17:18

Tgt Ion: 105 Resp: 210
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.7 32.5#
 77 0.0 12.6 19.0#





#62

1,3,5-Trimethylbenzene

Concen: 0.016 ug/L

RT: 10.76 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU033473.D

Acq: 29 Jul 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

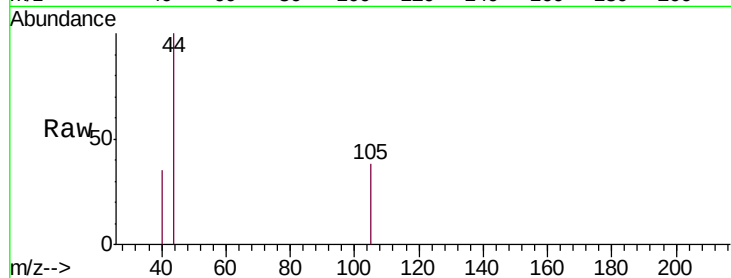
VBLK60

Tgt Ion:105 Resp: 106

Ion Ratio Lower Upper

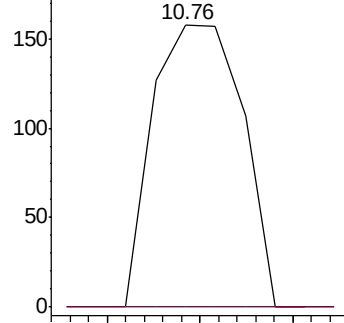
105 100

120 0.0 39.0 58.6#

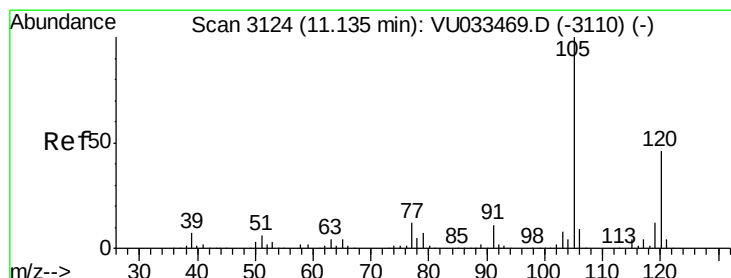
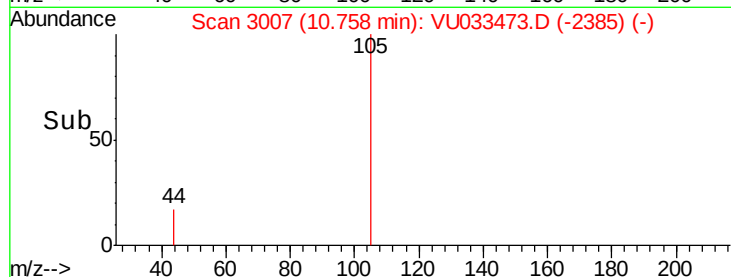


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#63

1,2,4-Trimethylbenzene

Concen: 0.025 ug/L

RT: 11.14 min Scan# 3127

Delta R.T. 0.01 min

Lab File: VU033473.D

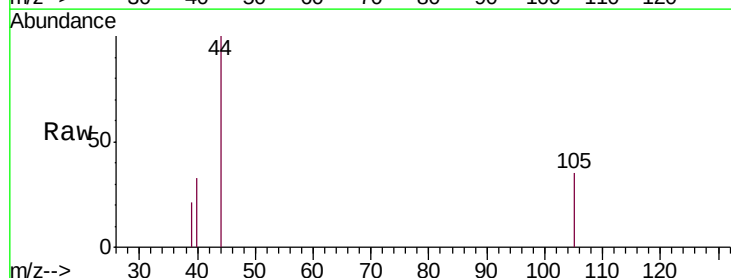
Acq: 29 Jul 2019 17:18

Tgt Ion:105 Resp: 160

Ion Ratio Lower Upper

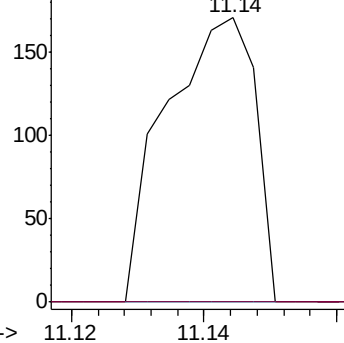
105 100

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



Time-->

