

Data File : VU033803.D
Acq On : 15 Aug 2019 11:23
Operator : JC/SP
Sample : VU0815WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK02

Quant Time: Aug 16 01:11:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 01:09:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	173477	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	180322	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	79835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79973	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.67	69	68957	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.26	65	38693	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.19	46	205467	54.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.32%
24) Chloroform-d	4.62	84	126746	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.29	65	72367	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.31	84	239368	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.31	67	79682	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.55	98	193313	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.84	79	29662	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.30	63	144473	52.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.28%
56) 1,1,2,2-Tetrachloroethane-	10.42	84	70912	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
66) 1,2-Dichlorobenzene-d4	11.85	152	80548	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

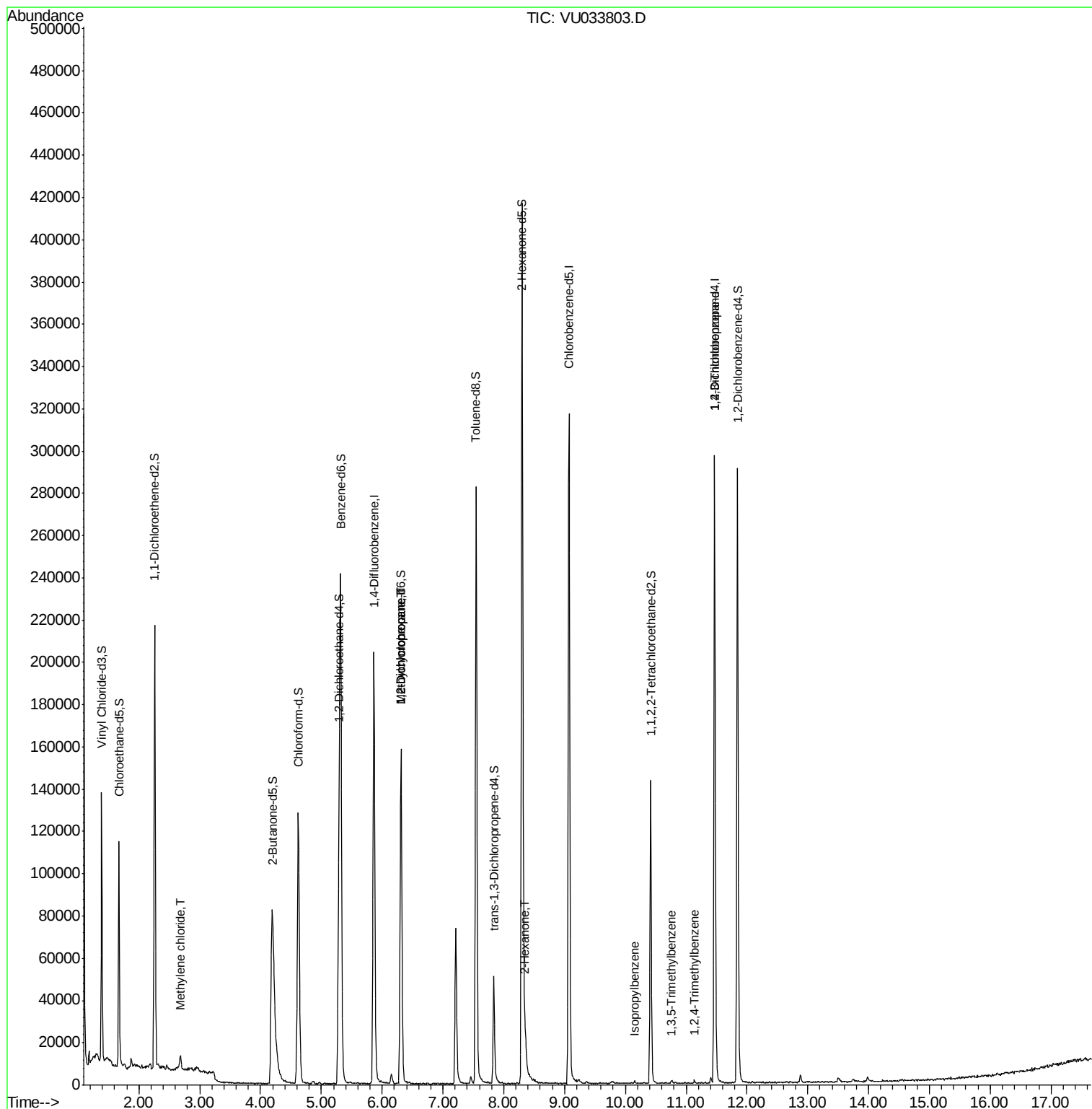
					Qvalue	
16) Methylene chloride	2.68	84	2990	0.128	ug/L	86
35) Methylcyclohexane	6.31	83	19128	0.674	ug/L #	17
37) 1,2-Dichloropropane	6.31	63	8483	0.435	ug/L #	91
48) 2-Hexanone	8.36	43	9346	1.147	ug/L #	86
59) Isopropylbenzene	10.15	105	990	0.016	ug/L	92
61) 1,2,3-Trichloropropane	11.47	75	10500	0.990	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.76	105	880	0.018	ug/L	97
63) 1,2,4-Trimethylbenzene	11.13	105	1229	0.025	ug/L #	79

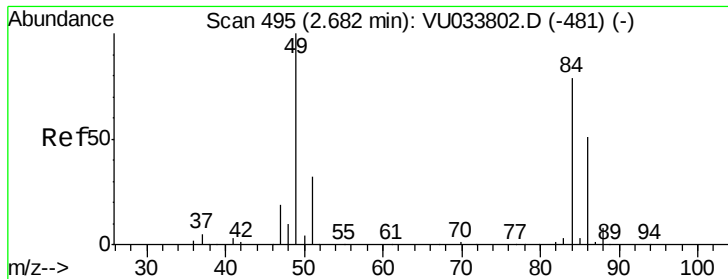
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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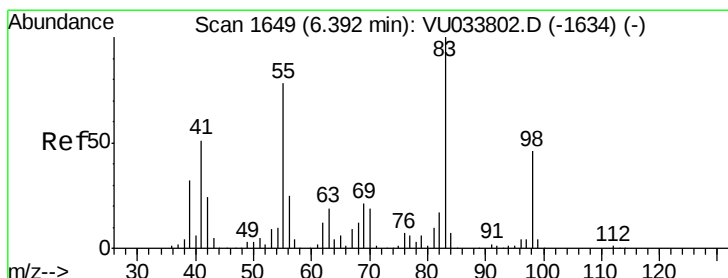
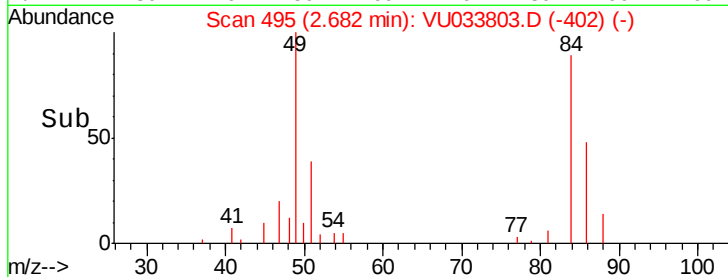
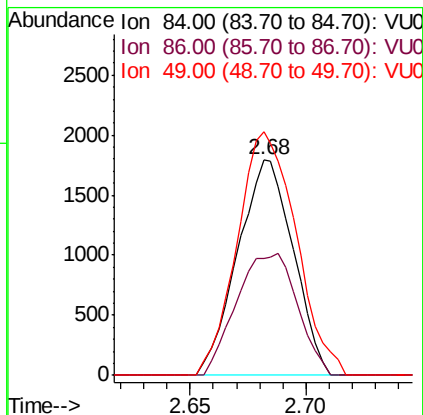
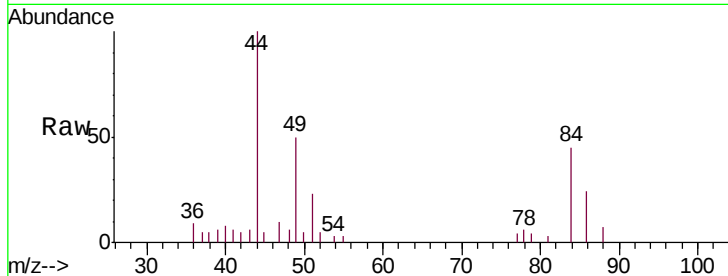




#16
Methylene chloride
Concen: 0.128 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033803.D
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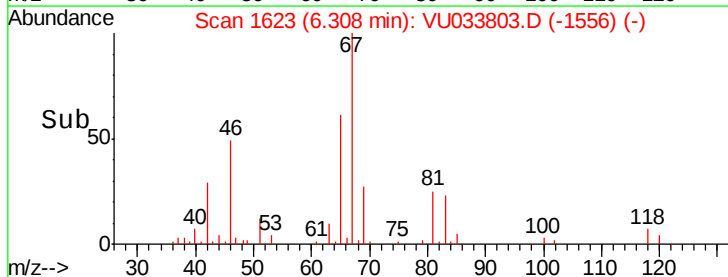
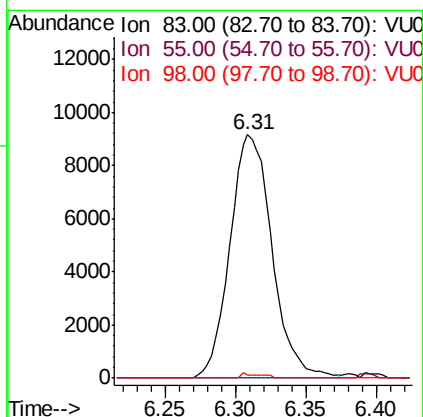
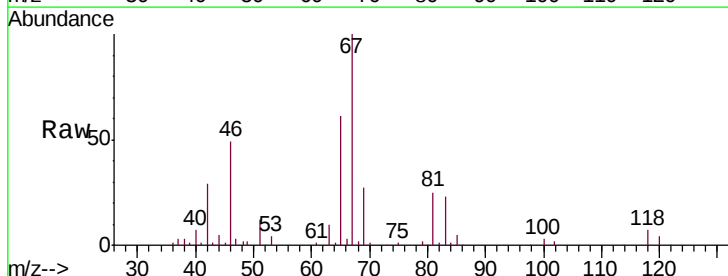
Instrument :
MSVOA_U
ClientSampleId :
VBLK02

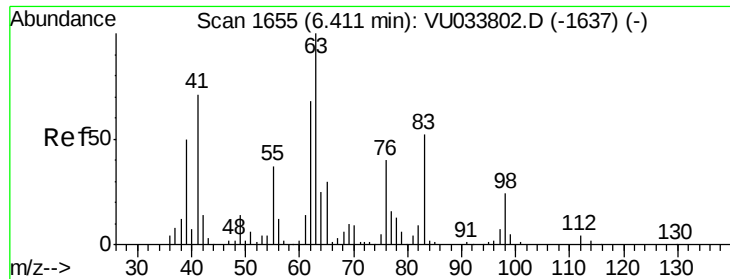
Tgt Ion: 84 Resp: 2990
Ion Ratio Lower Upper
84 100
86 54.0 46.0 85.4
49 112.8 90.4 168.0



#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033803.D
Acq: 15 Aug 2019 11:23

Tgt Ion: 83 Resp: 19128
Ion Ratio Lower Upper
83 100
55 0.0 65.0 97.6#
98 0.6 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.435 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU033803.D

Acq: 15 Aug 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

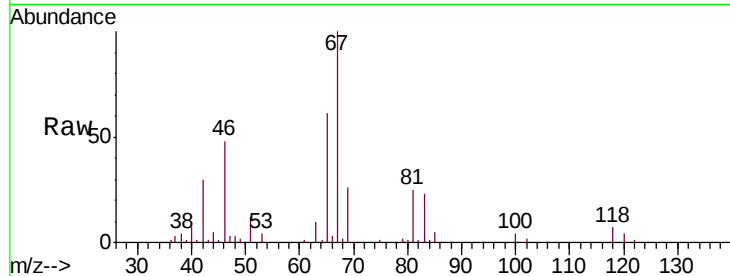
VBLK02

Tgt Ion: 63 Resp: 8483

Ion Ratio Lower Upper

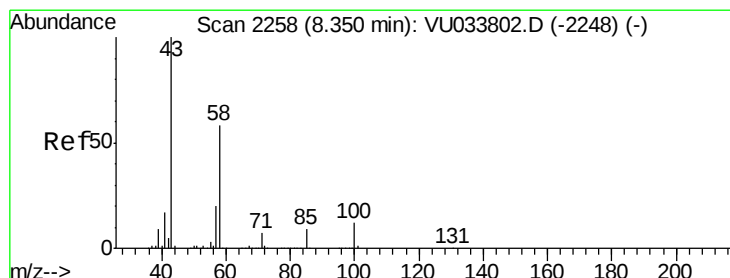
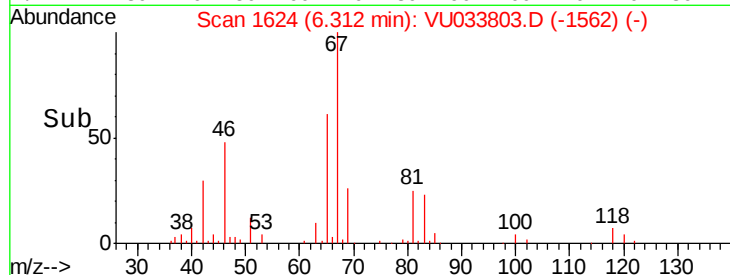
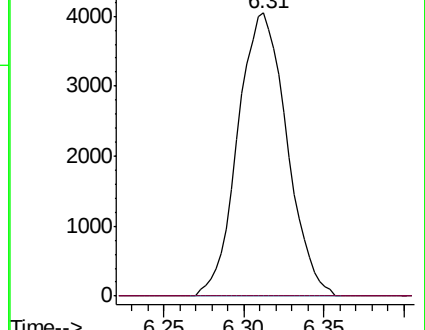
63 100

112 1.1 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU033802.D (-1637) (-)

Ion 112.00 (111.70 to 112.70): VU033802.D (-1637) (-)



#48

2-Hexanone

Concen: 1.147 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.01 min

Lab File: VU033803.D

Acq: 15 Aug 2019 11:23

Tgt Ion: 43 Resp: 9346

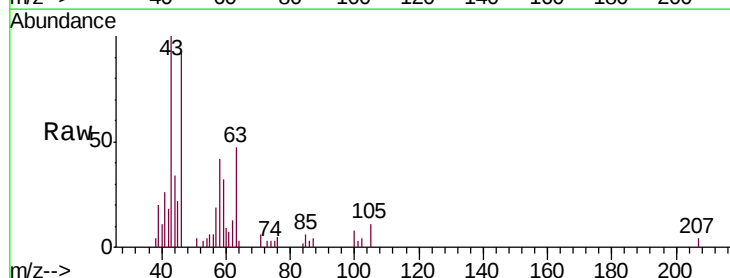
Ion Ratio Lower Upper

43 100

58 44.5 45.2 67.8#

57 22.3 15.7 23.5

100 3.5 8.6 13.0#

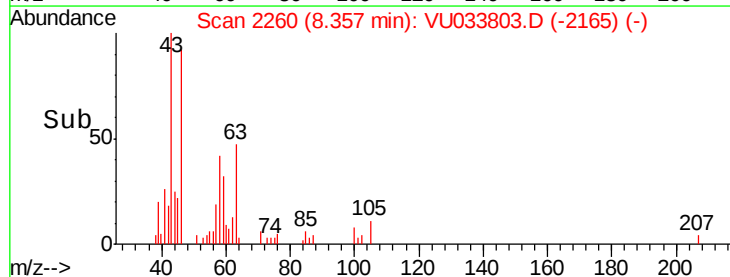
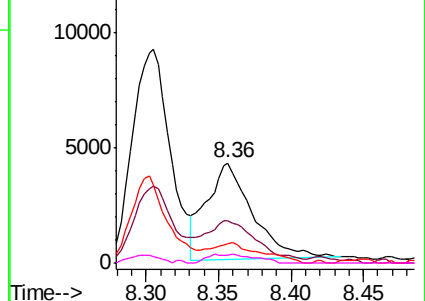


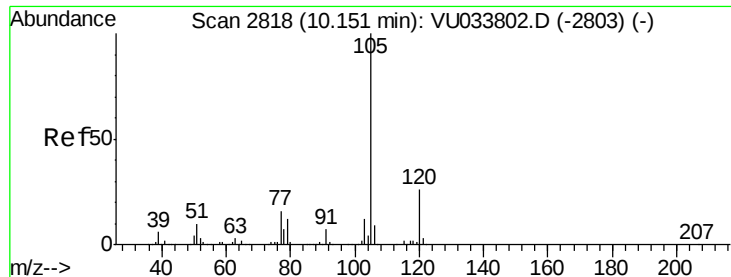
Abundance Ion 43.00 (42.70 to 43.70): VU033802.D (-2248) (-)

Ion 58.00 (57.70 to 58.70): VU033802.D (-2248) (-)

Ion 57.00 (56.70 to 57.70): VU033802.D (-2248) (-)

Ion 100.00 (99.70 to 100.70): VU033802.D (-2248) (-)





#59

Isopropylbenzene

Concen: 0.016 ug/L

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033803.D

Acq: 15 Aug 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK02

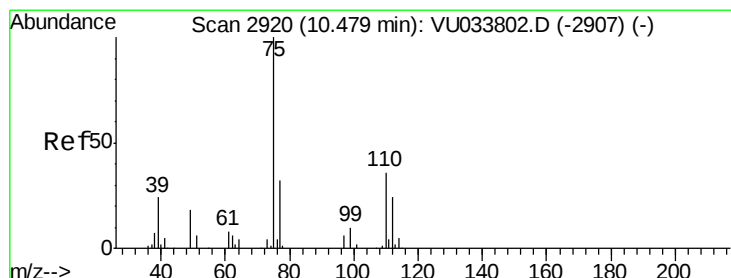
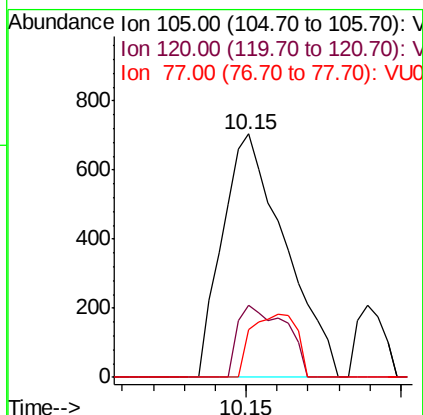
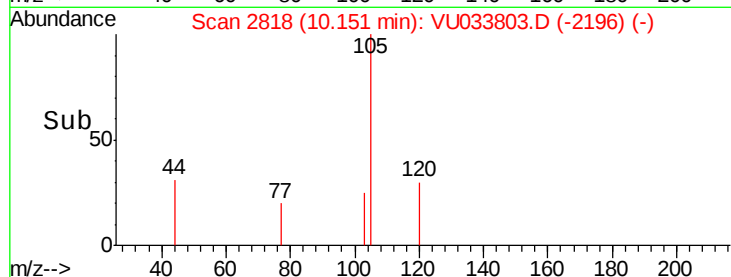
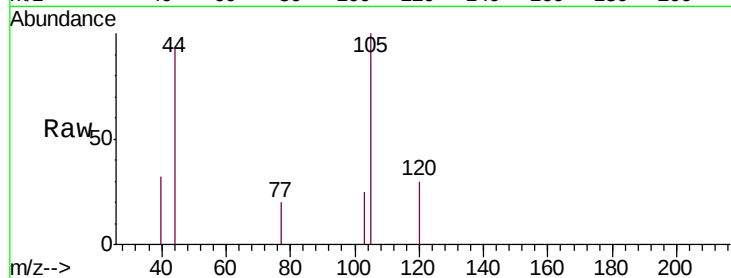
Tgt Ion: 105 Resp: 990

Ion Ratio Lower Upper

105 100

120 22.5 21.5 32.3

77 18.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 0.990 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033803.D

Acq: 15 Aug 2019 11:23

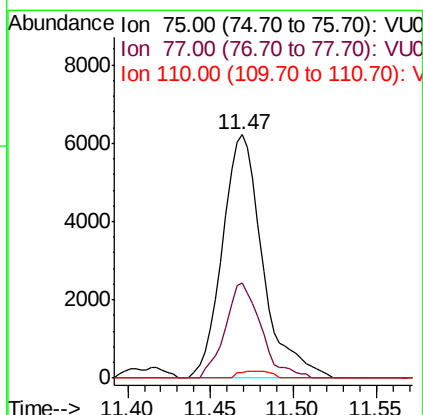
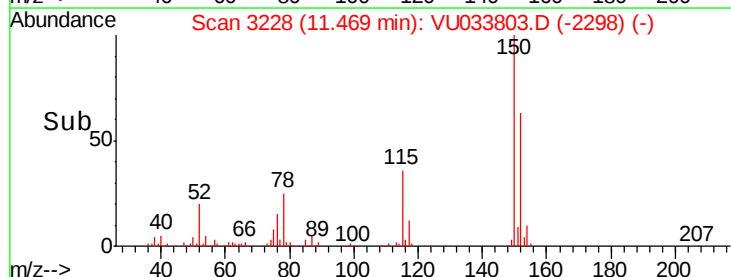
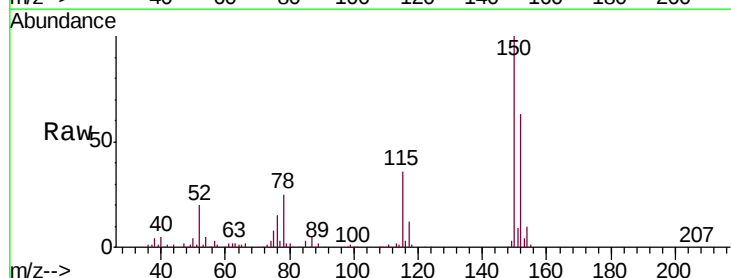
Tgt Ion: 75 Resp: 10500

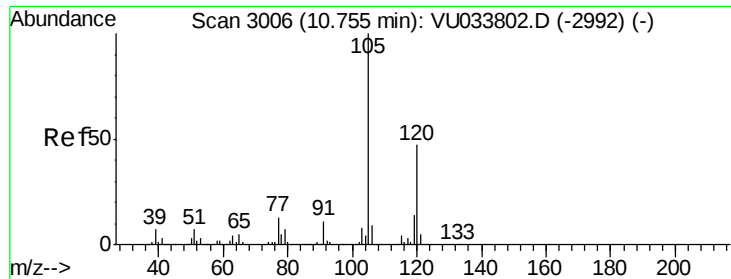
Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.6

110 2.3 28.9 43.3#

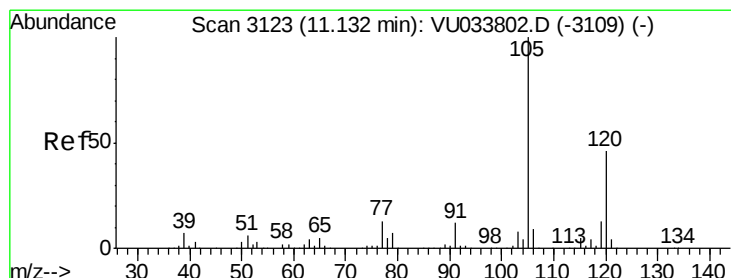
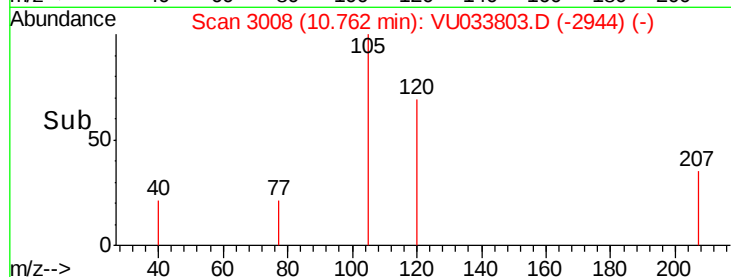
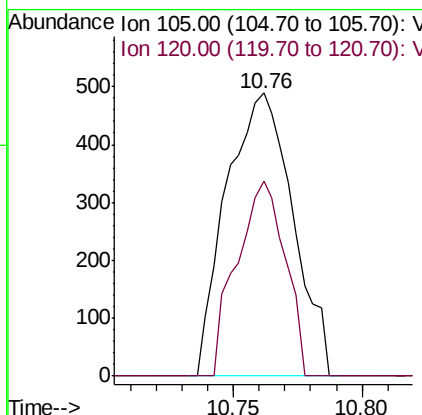
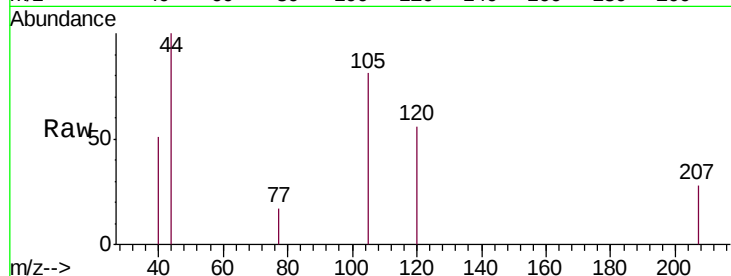




#62
 1,3,5-Trimethylbenzene
 Concen: 0.018 ug/L
 RT: 10.76 min Scan# 3008
 Delta R.T. 0.01 min
 Lab File: VU033803.D
 Acq: 15 Aug 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK02

Tgt Ion:105 Resp: 880
 Ion Ratio Lower Upper
 105 100
 120 50.1 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.025 ug/L
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU033803.D
 Acq: 15 Aug 2019 11:23

Tgt Ion:105 Resp: 1229
 Ion Ratio Lower Upper
 105 100
 120 32.1 36.5 54.7#

