

Data File : VU030487.D
Acq On : 27 Mar 2019 16:46
Operator : JC/SP
Sample : K2101-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 28 02:48:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	390591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367719	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155675	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.04%
7) Chloroethane-d5	1.67	69	128382	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.27	63	218163	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.17	46	321623	108.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.84%
24) Chloroform-d	4.64	84	274446	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
26) 1,2-Dichloroethane-d4	5.31	65	188411	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
32) Benzene-d6	5.34	84	548077	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
36) 1,2-Dichloropropane-d6	6.33	67	197264	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.36%
41) Toluene-d8	7.56	98	461142	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%
43) trans-1,3-Dichloropropene-	7.85	79	86079	50.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.48%
47) 2-Hexanone-d5	8.31	63	208347	106.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271454	52.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	161210	54.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.36%

Target Compounds

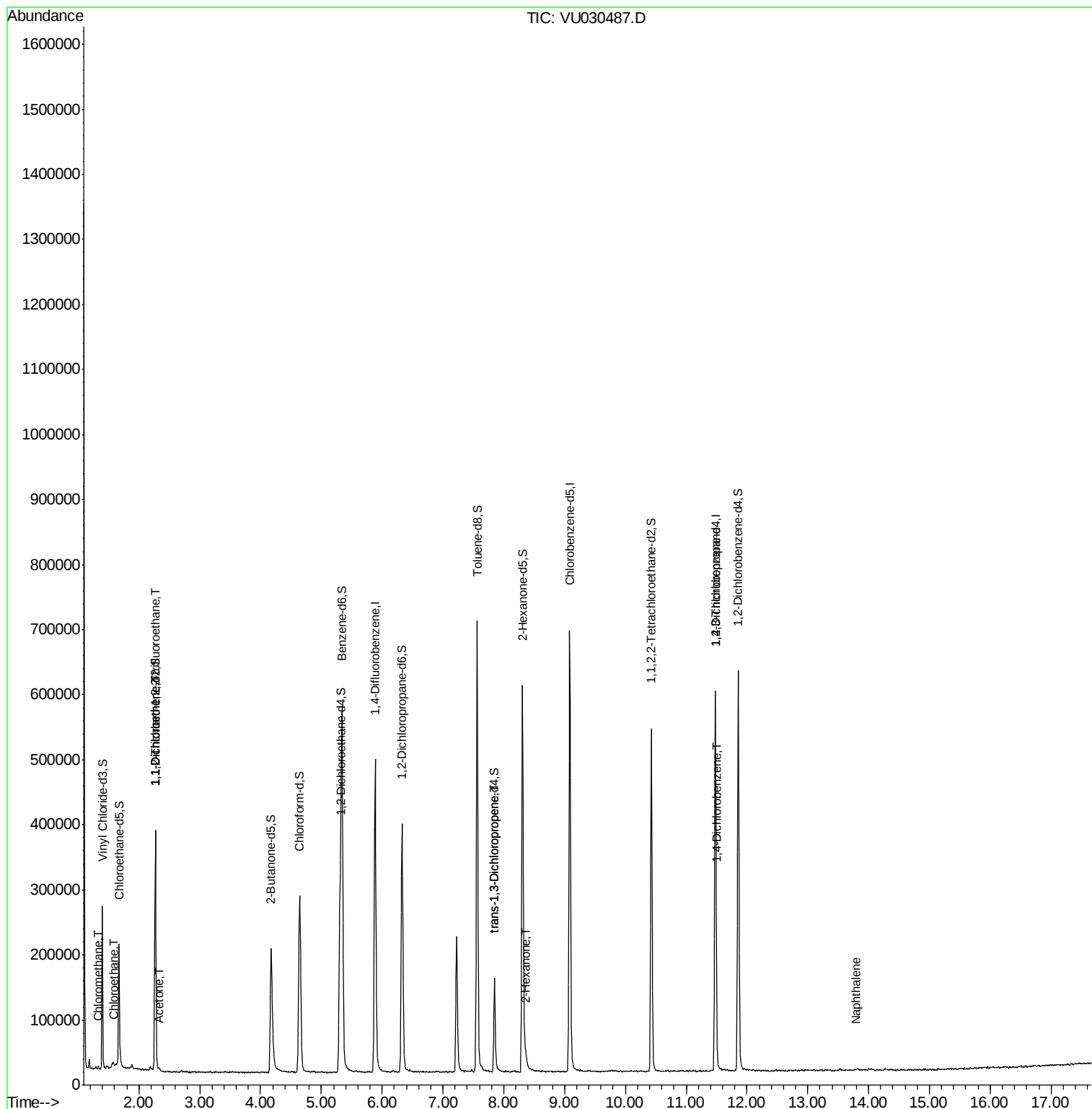
					Qvalue
3) Chloromethane	1.33	50	3565	0.740 ug/L	95
8) Chloroethane	1.59	64	2982	1.156 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1698	0.596 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1663	0.595 ug/L #	1
13) Acetone	2.32	43	1563	0.523 ug/L	52
44) trans-1,3-Dichloropropene	7.85	75	3150	0.701 ug/L	88
48) 2-Hexanone	8.36	43	11317	2.314 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	20389	4.715 ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	2699	0.540 ug/L	92
69) Naphthalene	13.79	128	3653	0.325 ug/L #	76

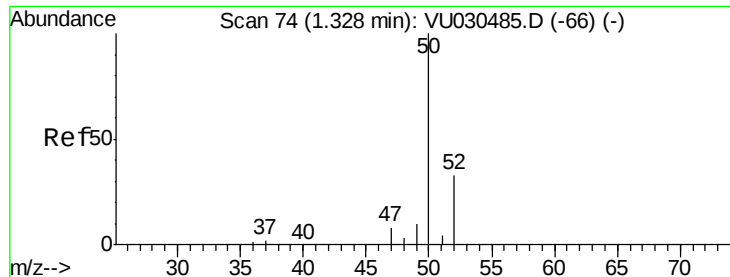
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.740 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU030487.D

Acq: 27 Mar 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

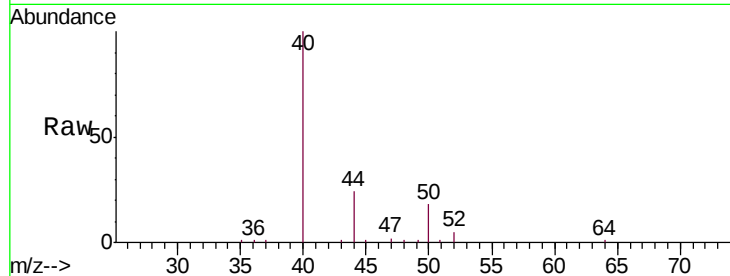
VHBLK02

Tgt Ion: 50 Resp: 3565

Ion Ratio Lower Upper

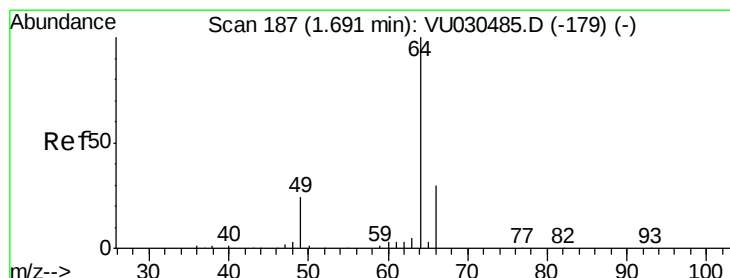
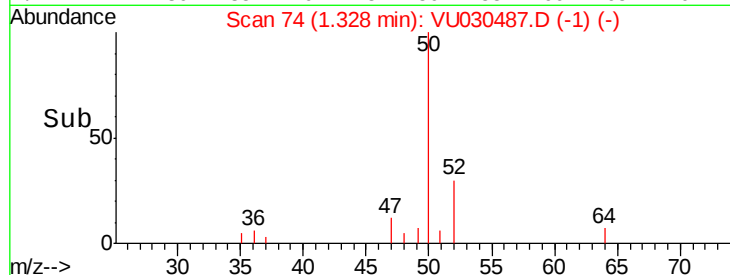
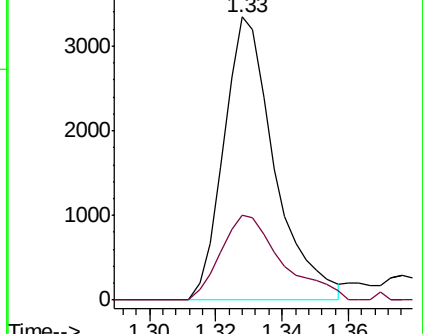
50 100

52 30.0 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030487.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030487.D (-66) (-)



#8

Chloroethane

Concen: 1.156 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.10 min

Lab File: VU030487.D

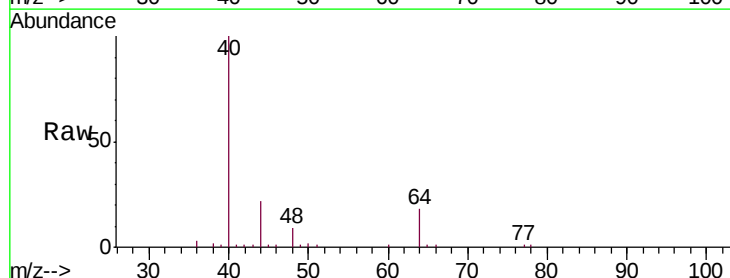
Acq: 27 Mar 2019 16:46

Tgt Ion: 64 Resp: 2982

Ion Ratio Lower Upper

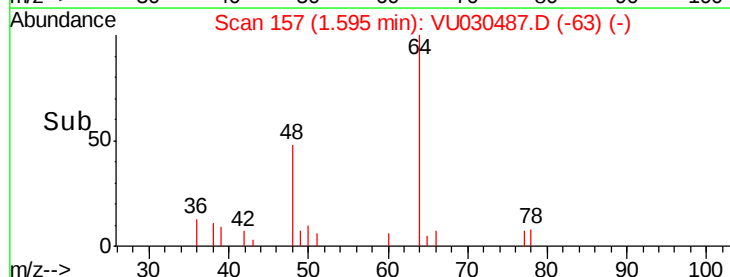
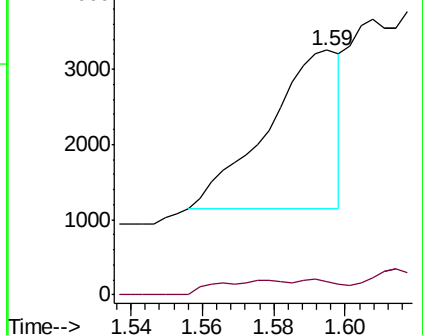
64 100

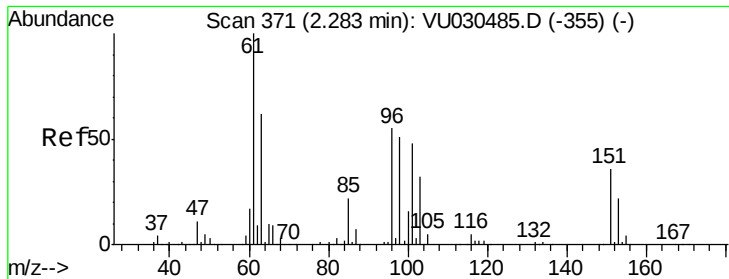
66 5.5 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU030487.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU030487.D (-179) (-)





#10

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

Concen: 0.596 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030487.D

Acq: 27 Mar 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

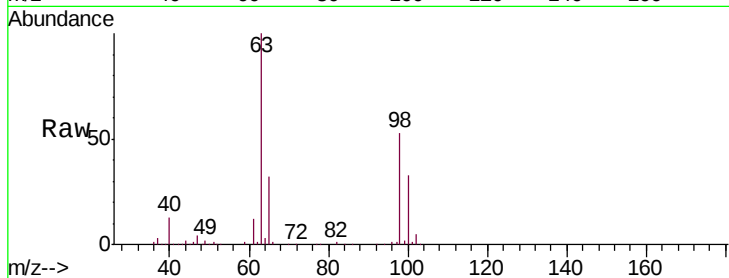
Tgt Ion: 101 Resp: 1698

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

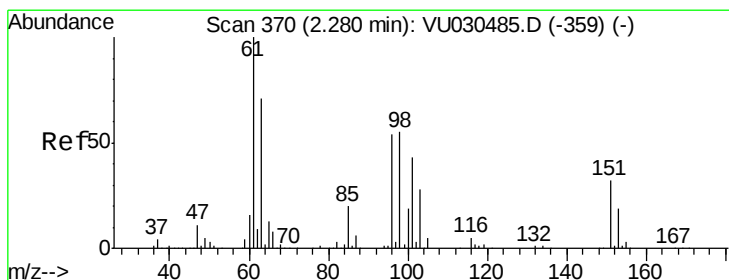
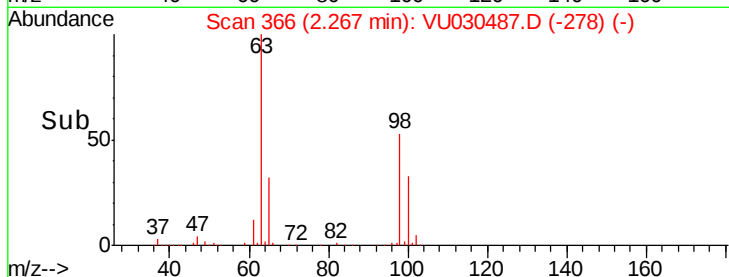
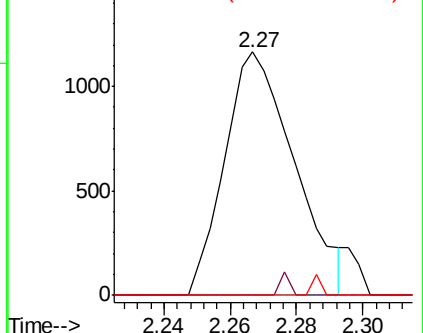
151 0.0 56.6 85.0#



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: 0.595 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030487.D

Acq: 27 Mar 2019 16:46

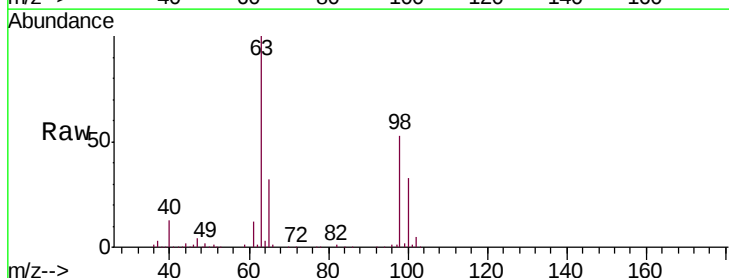
Tgt Ion: 96 Resp: 1663

Ion Ratio Lower Upper

96 100

61 1679.6 131.0 243.4#

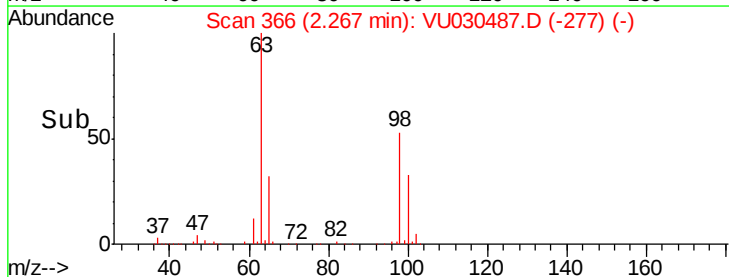
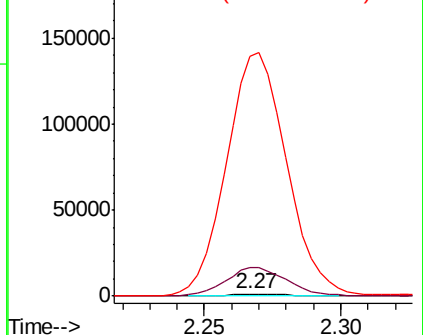
63 13901.7 92.4 171.6#

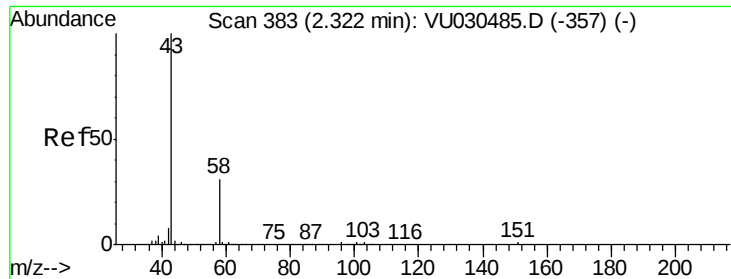


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.523 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030487.D

Acq: 27 Mar 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

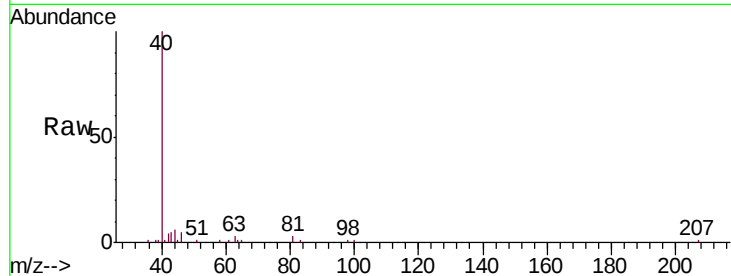
VHBLK02

Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

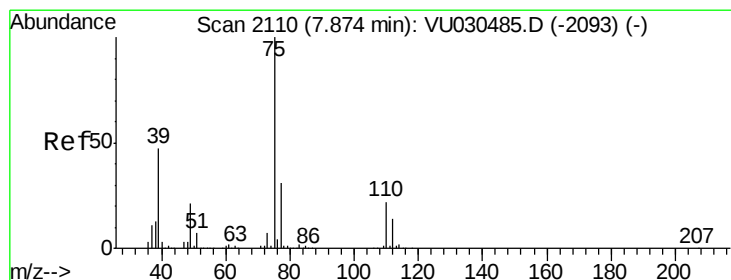
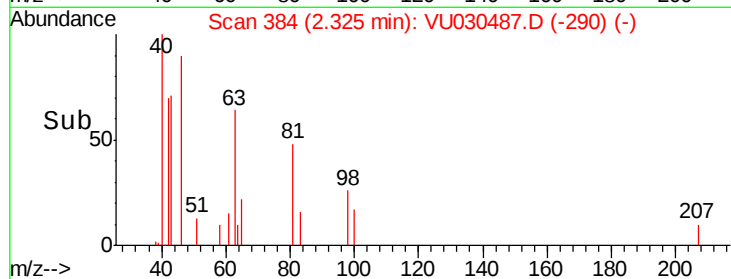
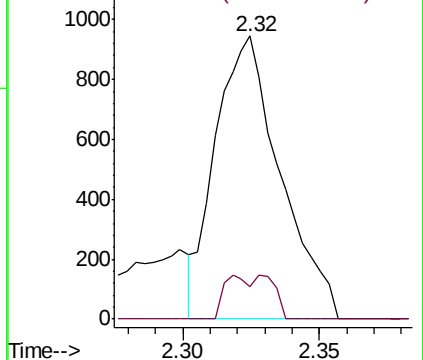
43 100

58 4.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030485.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU030485.D (-357) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.701 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030487.D

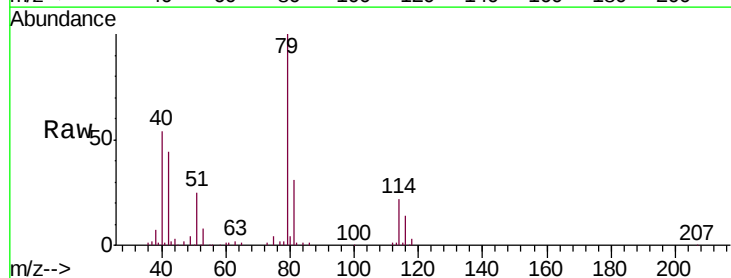
Acq: 27 Mar 2019 16:46

Tgt Ion: 75 Resp: 3150

Ion Ratio Lower Upper

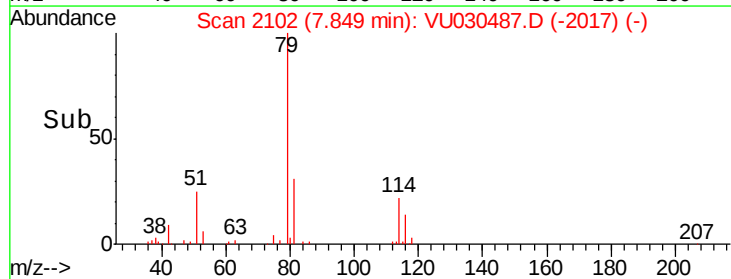
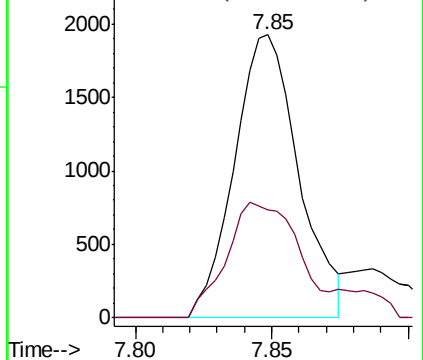
75 100

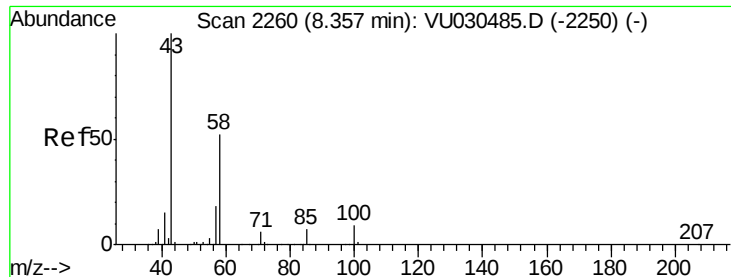
77 38.0 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030485.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030485.D (-2093) (-)

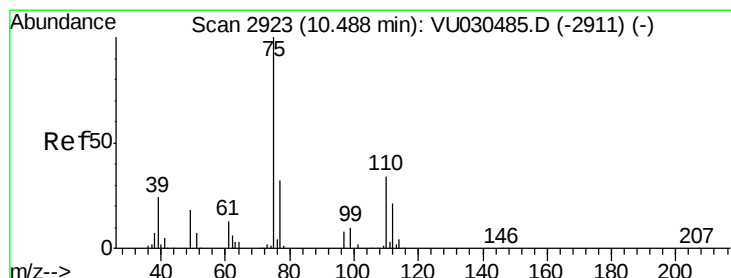
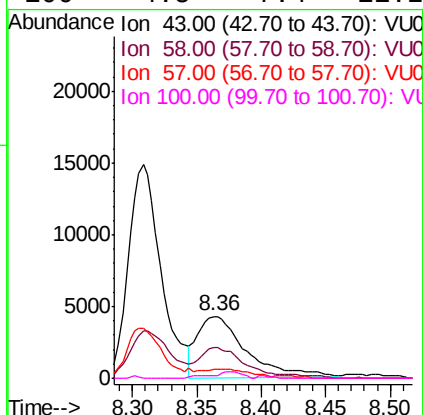
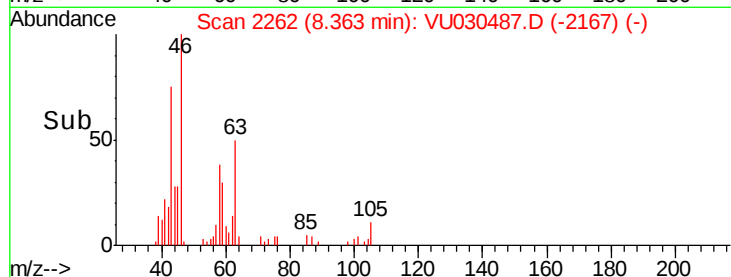
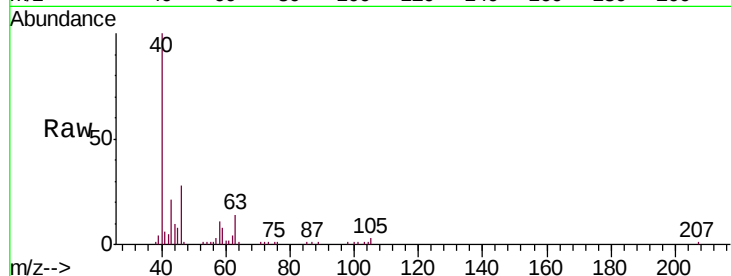




#48
2-Hexanone
Concen: 2.314 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU030487.D
Acq: 27 Mar 2019 16:46

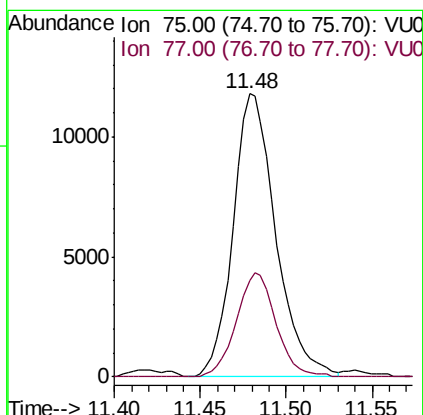
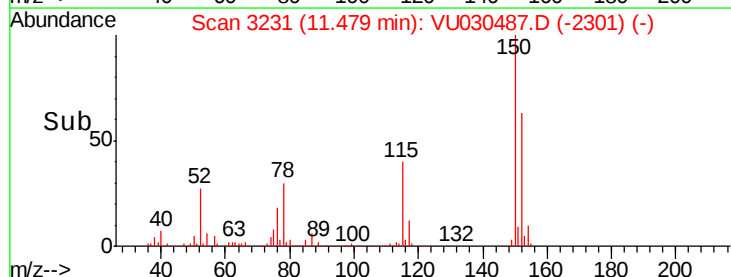
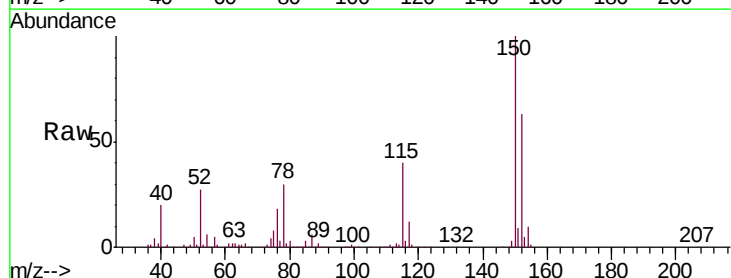
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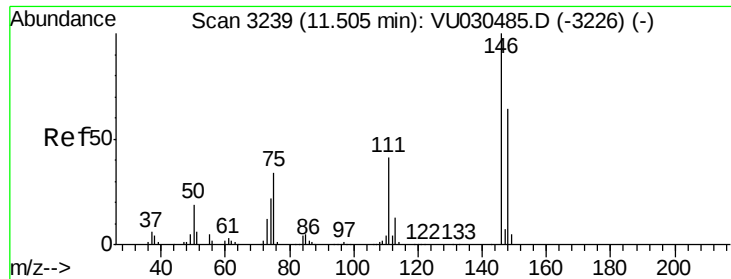
Tgt Ion: 43 Resp: 11317
Ion Ratio Lower Upper
43 100
58 45.0 42.5 63.7
57 11.1 15.0 22.6#
100 4.5 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 4.715 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030487.D
Acq: 27 Mar 2019 16:46

Tgt Ion: 75 Resp: 20389
Ion Ratio Lower Upper
75 100
77 34.2 25.4 38.2

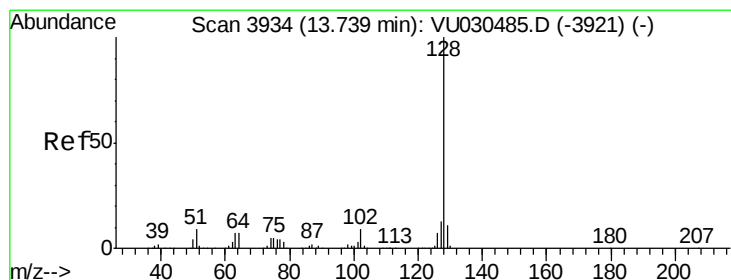
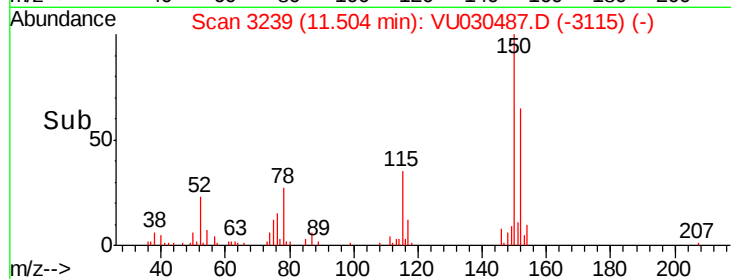
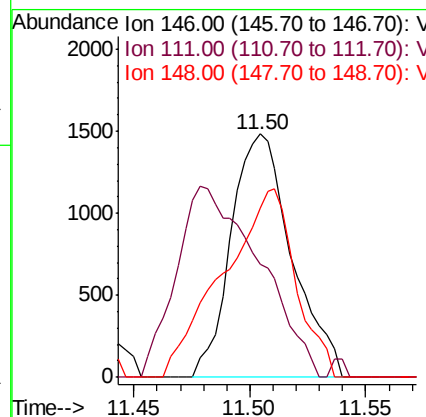
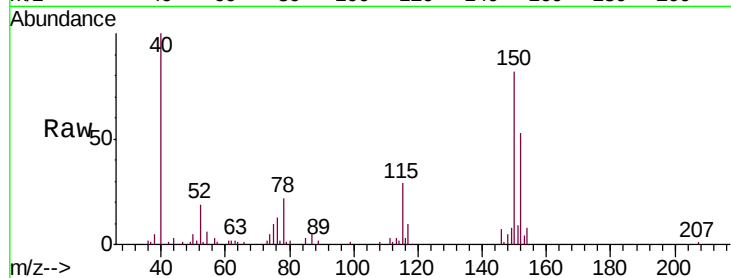




#63
 1,4-Dichlorobenzene
 Concen: 0.540 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030487.D
 Acq: 27 Mar 2019 16:46

Instrument :
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 VHBLK02

Tgt Ion:146 Resp: 2699
 Ion Ratio Lower Upper
 146 100
 111 46.5 28.7 53.3
 148 69.3 44.3 82.3



#69
 Naphthalene
 Concen: 0.325 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. 0.05 min
 Lab File: VU030487.D
 Acq: 27 Mar 2019 16:46

Tgt Ion:128 Resp: 3653
 Ion Ratio Lower Upper
 128 100
 127 3.2 10.4 15.6#
 129 1.9 8.4 12.6#

