

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032495.D
 Acq On : 06 Jun 2019 14:30
 Operator : JC/SP
 Sample : K3224-02DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C59DL

Quant Time: Jun 07 05:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 04:06:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213306	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196533	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44399	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.16%
7) Chloroethane-d5	1.67	69	41330	37.16	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.32%
11) 1,1-Dichloroethene-d2	2.27	63	73144	26.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.98%#
21) 2-Butanone-d5	4.17	46	114567	98.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.64	84	110366	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.30	65	76549	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
32) Benzene-d6	5.33	84	227744	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
36) 1,2-Dichloropropane-d6	6.32	67	74979	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.56	98	214967	44.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.86%
43) trans-1,3-Dichloropropene-	7.85	79	35760	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.31	63	77829	100.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113522	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	97587	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

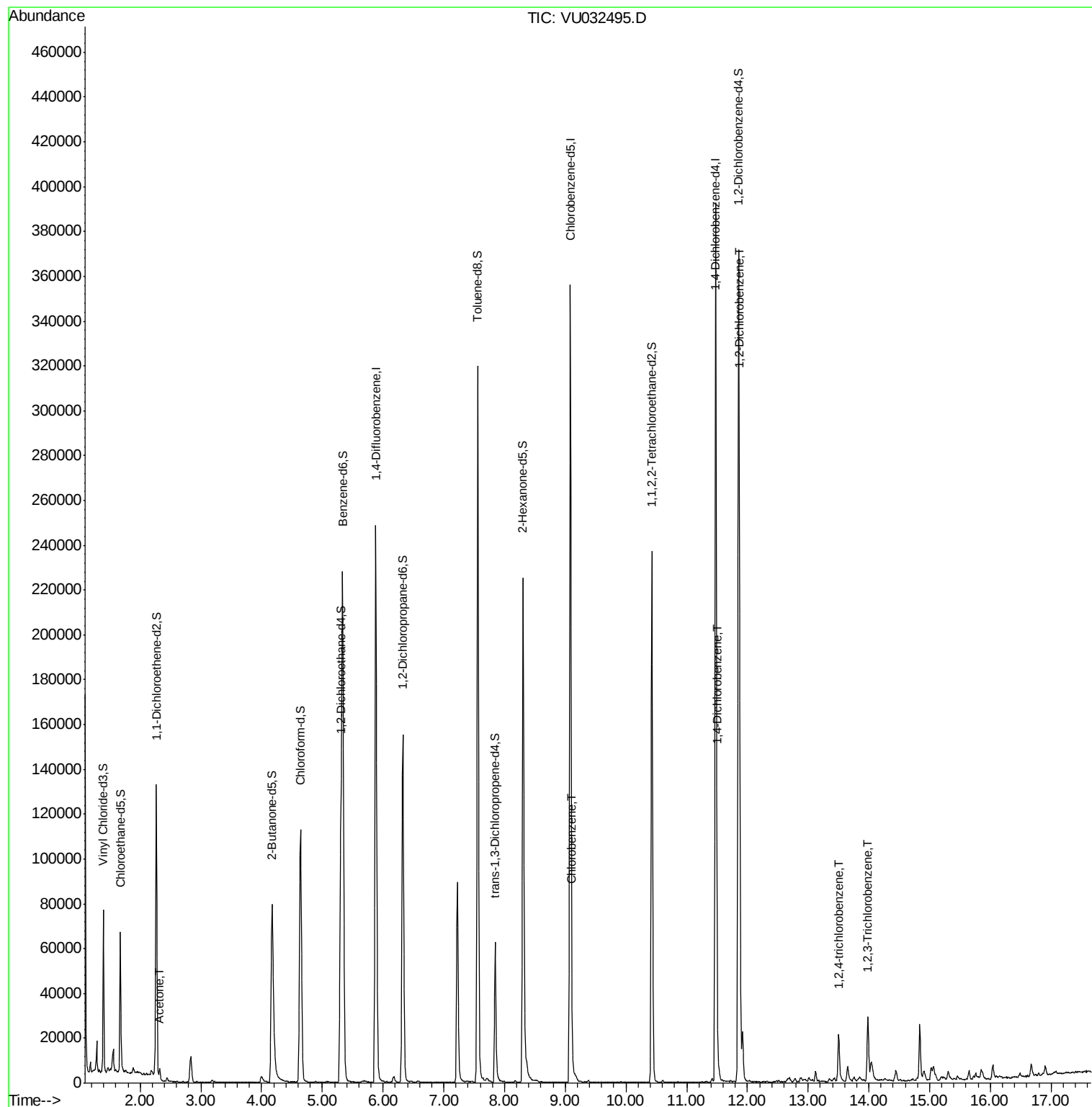
					Ovalue
13) Acetone	2.32	43	4565	3.820	ug/L 93
51) Chlorobenzene	9.12	112	4069	1.044	ug/L 96
63) 1,4-Dichlorobenzene	11.50	146	4966	1.548	ug/L 96
65) 1,2-Dichlorobenzene	11.87	146	38790	12.226	ug/L 96
68) 1,2,4-trichlorobenzene	13.50	180	7901	3.820	ug/L 95
70) 1,2,3-Trichlorobenzene	13.99	180	7224	3.356	ug/L 94

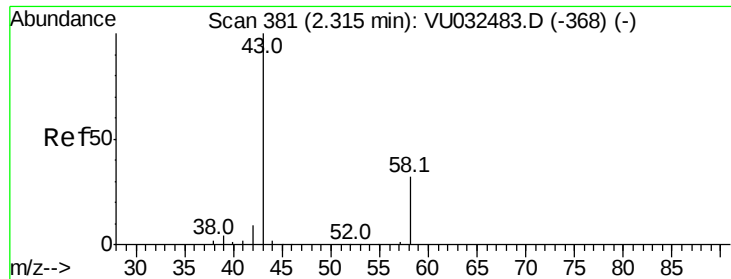
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032495.D
Acq On : 06 Jun 2019 14:30
Operator : JC/SP
Sample : K3224-02DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C59DL

Quant Time: Jun 07 05:30:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.820 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032495.D

Acq: 06 Jun 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

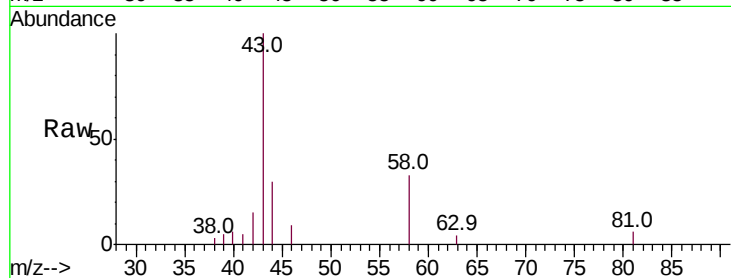
C0C59DL

Tot Ion: 43 Resp: 4565

Ion Ratio Lower Upper

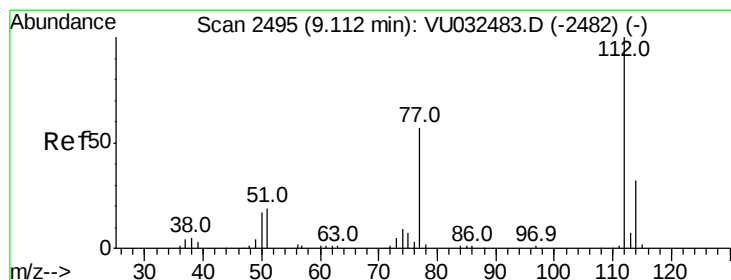
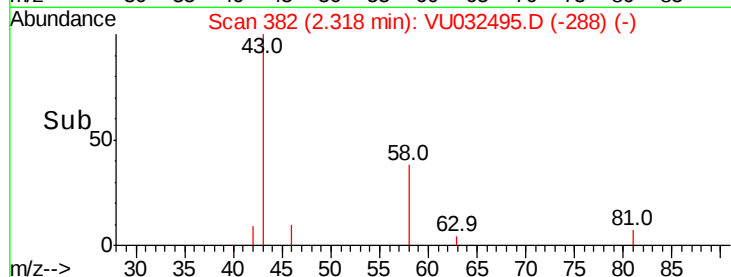
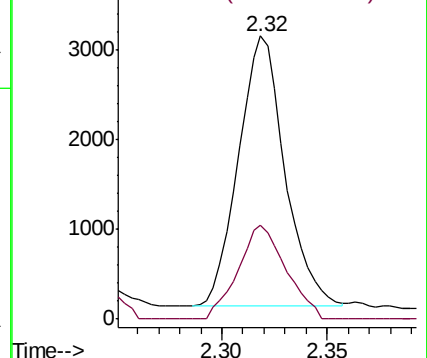
43 100

58 35.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032495.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032495.D (-288) (-)



#51

Chlorobenzene

Concen: 1.044 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032495.D

Acq: 06 Jun 2019 14:30

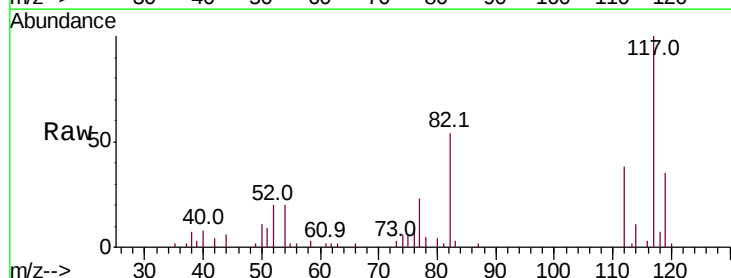
Tgt Ion: 112 Resp: 4069

Ion Ratio Lower Upper

112 100

114 29.5 22.6 42.0

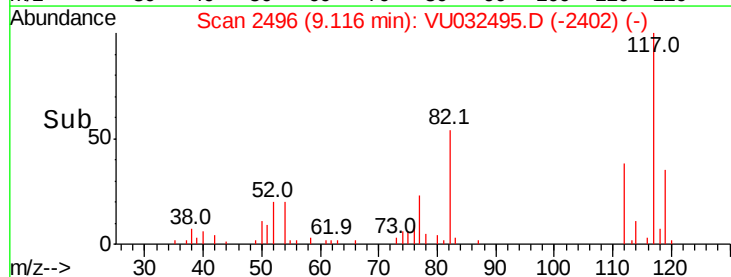
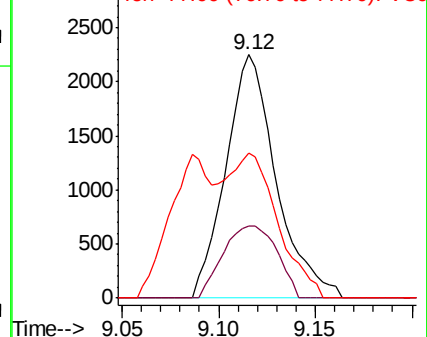
77 59.7 46.1 69.1

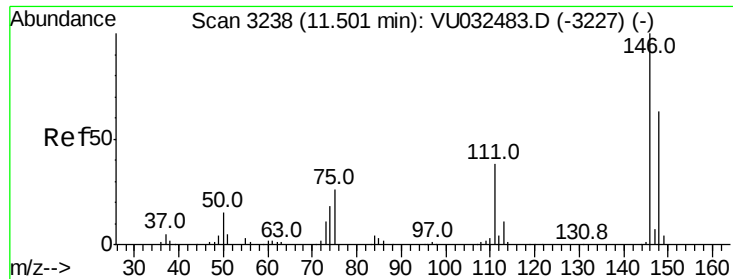


Abundance Ion 112.00 (111.70 to 112.70): VU032495.D (-2402) (-)

Ion 114.00 (113.70 to 114.70): VU032495.D (-2402) (-)

Ion 77.00 (76.70 to 77.70): VU032495.D (-2402) (-)





#63

1,4-Dichlorobenzene

Concen: 1.548 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032495.D

Acq: 06 Jun 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

C0C59DL

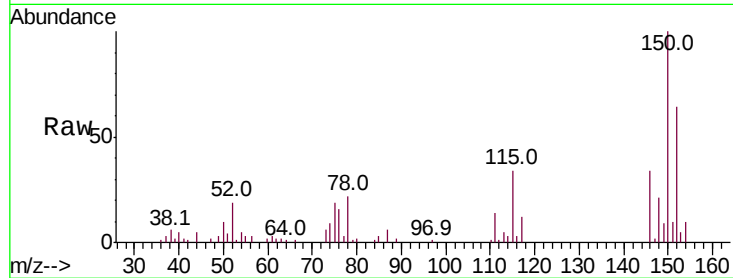
Tot Ion:146 Resp: 4966

Ion Ratio Lower Upper

146 100

111 41.4 26.6 49.4

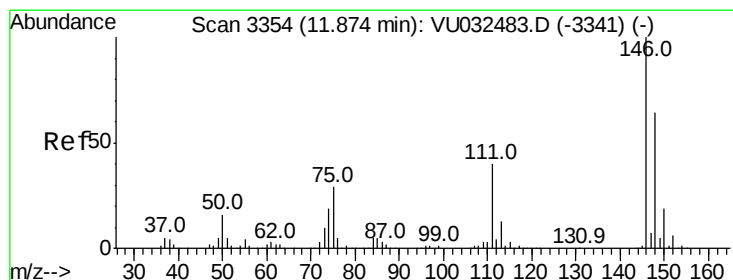
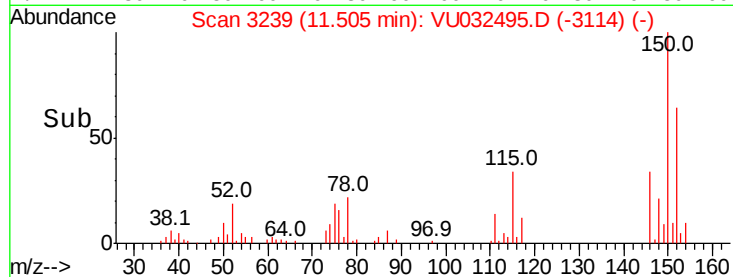
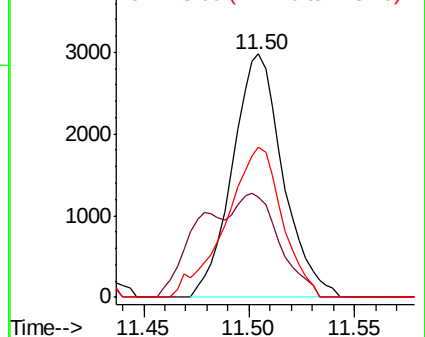
148 61.7 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 12.226 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU032495.D

Acq: 06 Jun 2019 14:30

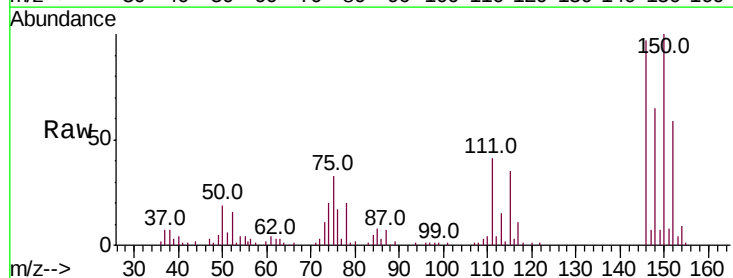
Tgt Ion:146 Resp: 38790

Ion Ratio Lower Upper

146 100

111 42.0 32.6 48.8

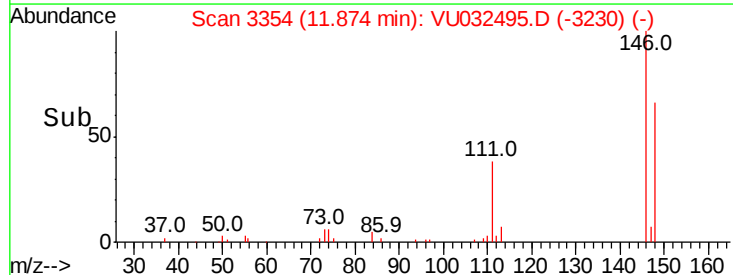
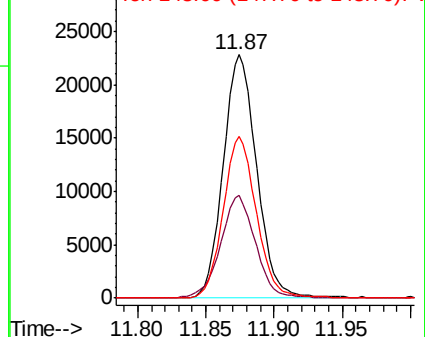
148 66.6 50.5 75.7

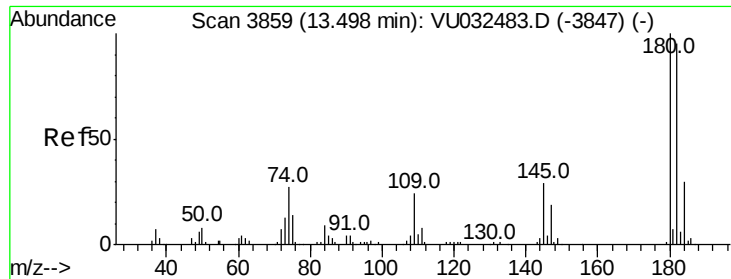


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

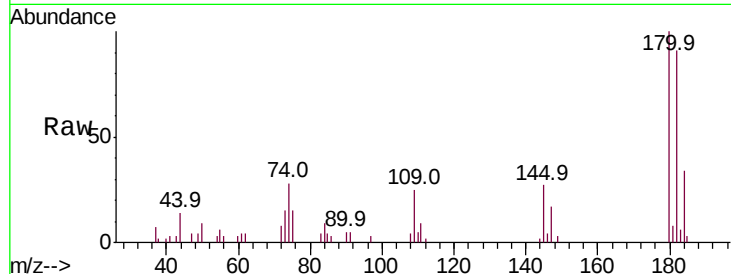




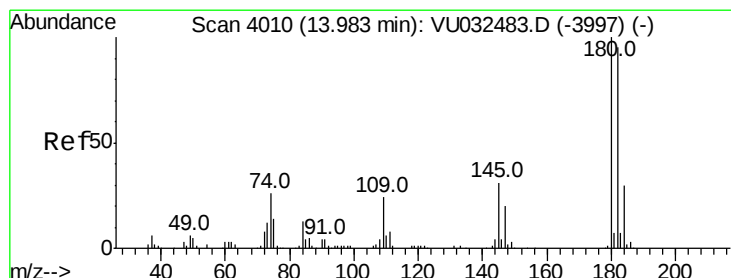
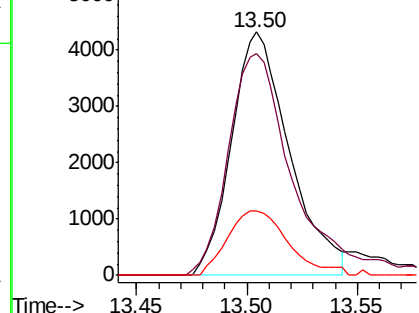
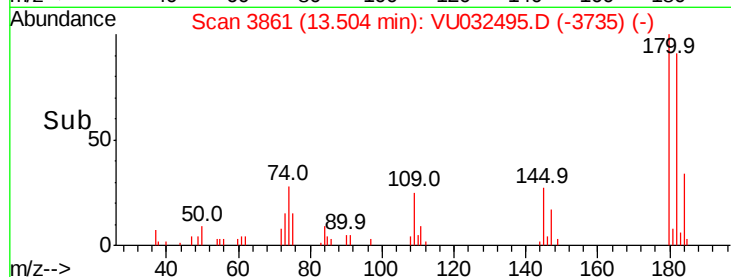
#68
 1,2,4-trichlorobenzene
 Concen: 3.820 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: VU032495.D
 Acq: 06 Jun 2019 14:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C59DL

Tot Ion:180 Resp: 7901
 Ion Ratio Lower Upper
 180 100
 182 100.8 76.5 114.7
 145 27.0 23.8 35.6

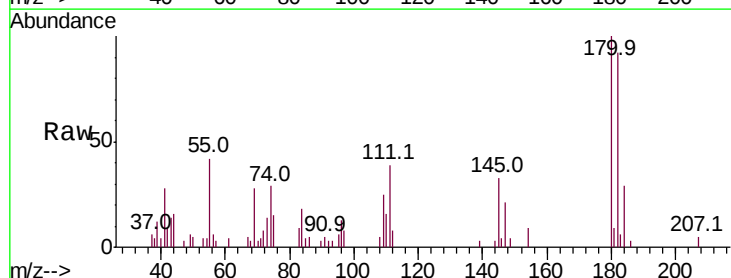


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 3.356 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU032495.D
 Acq: 06 Jun 2019 14:30

Tgt Ion:180 Resp: 7224
 Ion Ratio Lower Upper
 180 100
 182 89.3 76.7 115.1
 145 30.3 25.4 38.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

