

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039052.D
 Acq On : 23 Jun 2020 20:02
 Operator : SY/MD
 Sample : L3061-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ2

Quant Time: Jun 24 09:06:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273078	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	266778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	123067	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116447	5.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.40%
7) Chloroethane-d5	1.93	69	98452	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.59	63	164445	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.67	46	431451	59.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.56%
24) Chloroform-d	5.10	84	211691	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.74	65	130460	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	423537	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.72	67	140387	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	7.92	98	352584	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
43) trans-1,3-Dichloropropene-	8.20	79	56589	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.65	63	329195	59.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	126621	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	127629	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

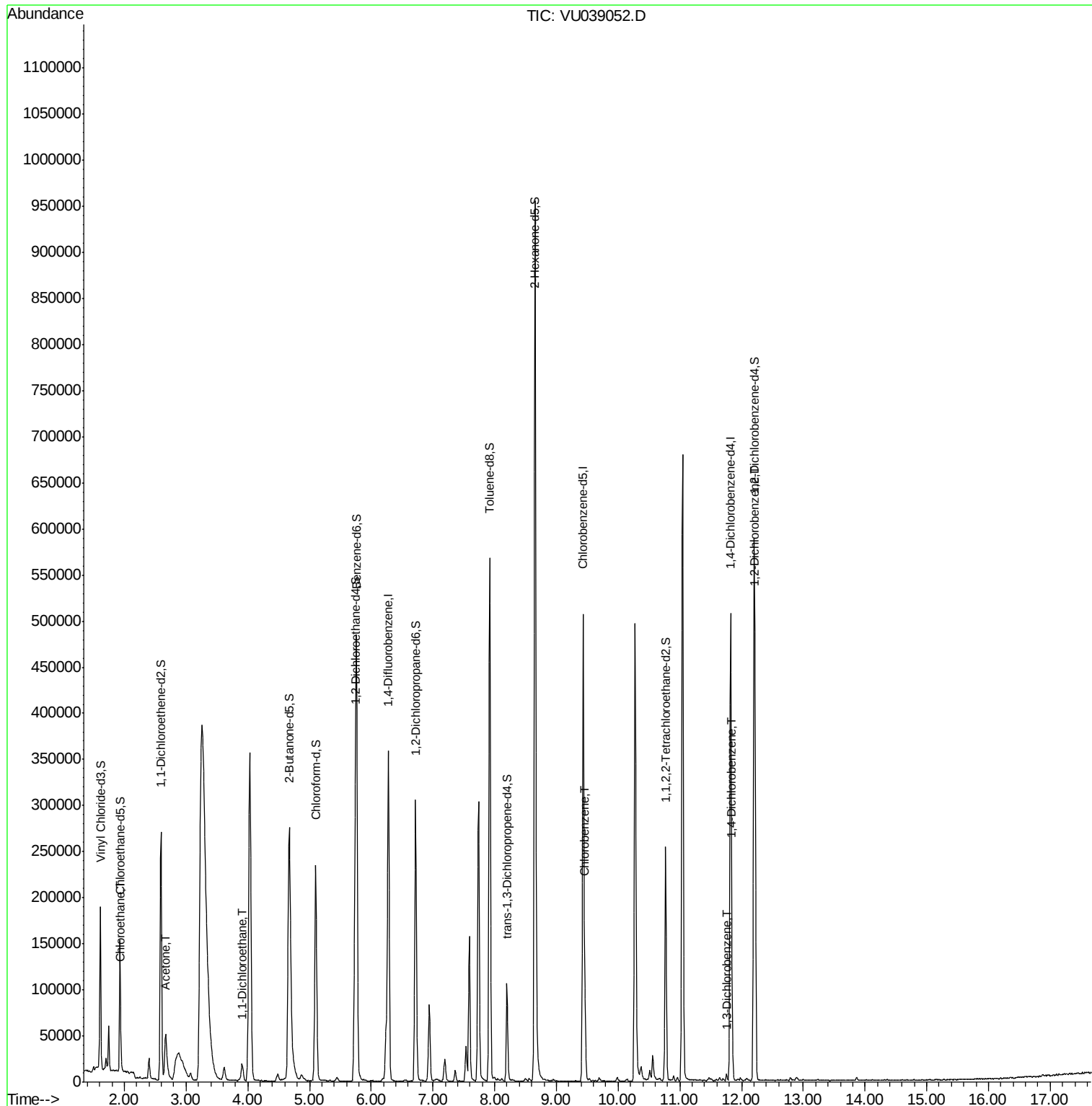
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	2515	0.157	ug/L	# 73
13) Acetone	2.67	43	89050	18.170	ug/L	99
19) 1,1-Dichloroethane	3.91	63	21801	0.542	ug/L	95
51) Chlorobenzene	9.46	112	36608	0.699	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	2821	0.077	ug/L	91
63) 1,4-Dichlorobenzene	11.85	146	25145	0.667	ug/L	93
65) 1,2-Dichlorobenzene	12.22	146	92237	2.514	ug/L	99

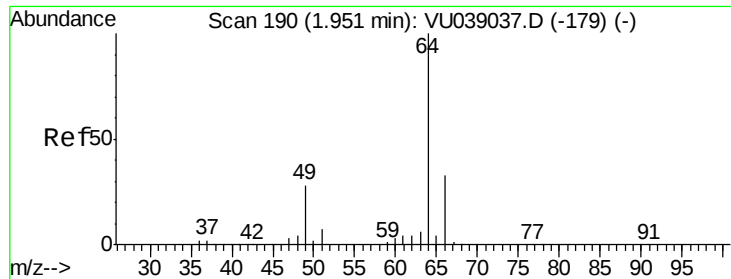
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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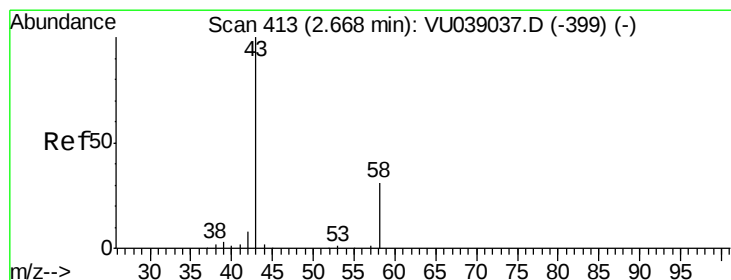
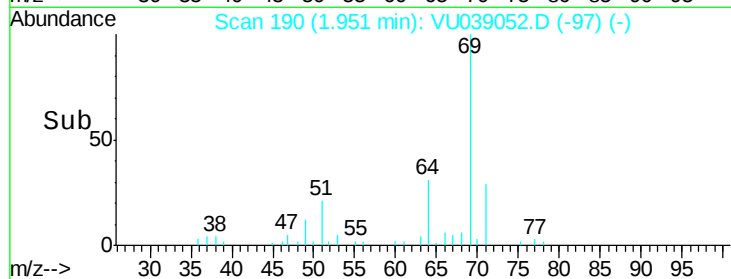
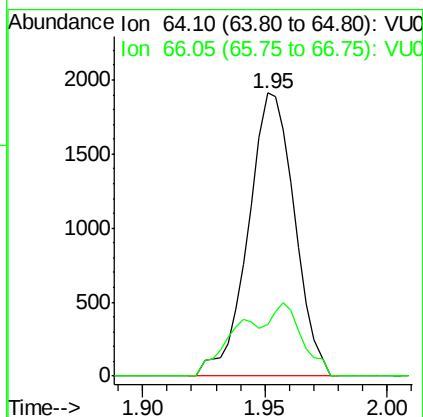
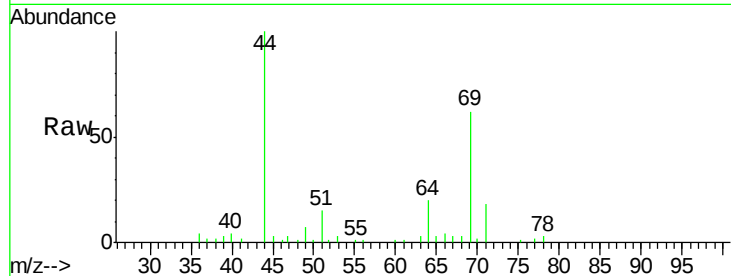




#8
Chloroethane
Concen: 0.157 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU039052.D
Acq: 23 Jun 2020 20:02

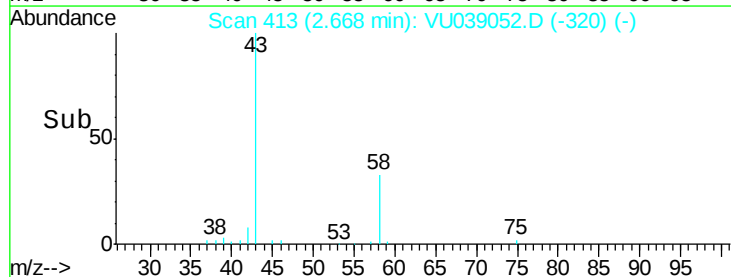
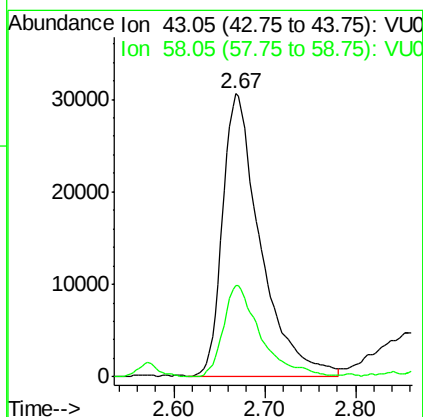
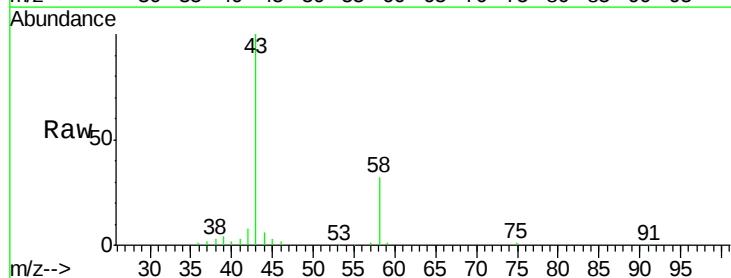
Instrument :
MSVOA_U
ClientSampleId :
BFXJ2

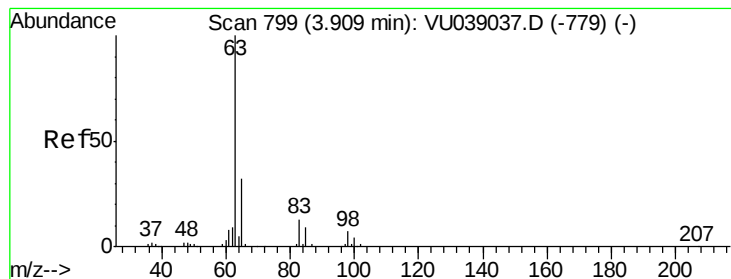
Tot Ion: 64 Resp: 2515
Ion Ratio Lower Upper
64 100
66 18.3 23.4 43.4#



#13
Acetone
Concen: 18.170 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.00 min
Lab File: VU039052.D
Acq: 23 Jun 2020 20:02

Tgt Ion: 43 Resp: 89050
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.4





#19

1,1-Dichloroethane

Concen: 0.542 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU039052.D

Acq: 23 Jun 2020 20:02

Instrument :

MSVOA_U

ClientSampleId :

BFXJ2

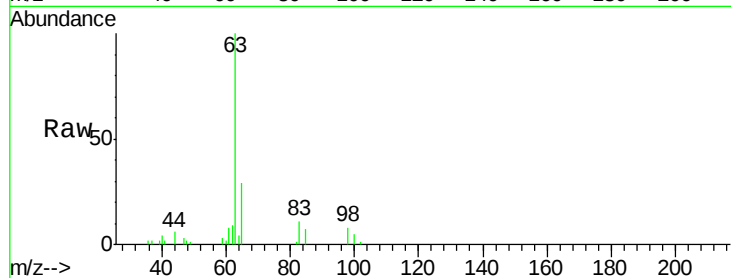
Tot Ion: 63 Resp: 21801

Ion Ratio Lower Upper

63 100

65 28.7 22.1 41.1

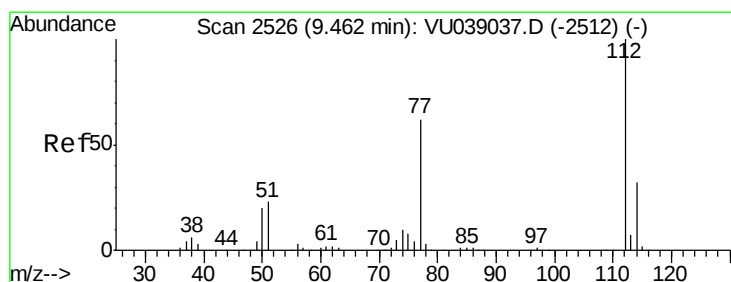
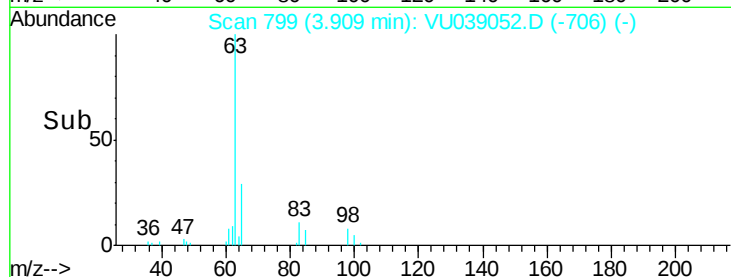
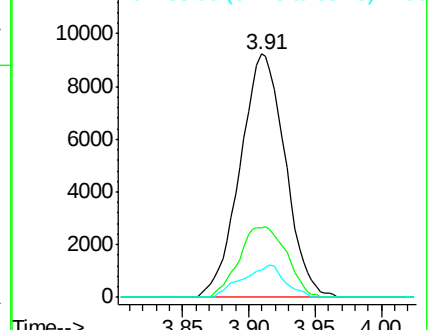
83 11.4 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU039037.D (-779) (-)

Ion 65.10 (64.80 to 65.80): VU039037.D (-779) (-)

Ion 83.05 (82.75 to 83.75): VU039037.D (-779) (-)



#51

Chlorobenzene

Concen: 0.699 ug/L

RT: 9.46 min Scan# 2526

Delta R.T. 0.00 min

Lab File: VU039052.D

Acq: 23 Jun 2020 20:02

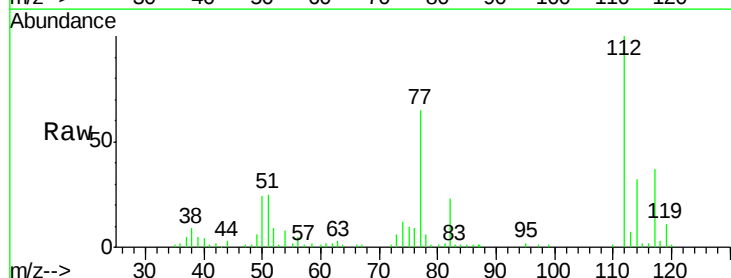
Tgt Ion: 112 Resp: 36608

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

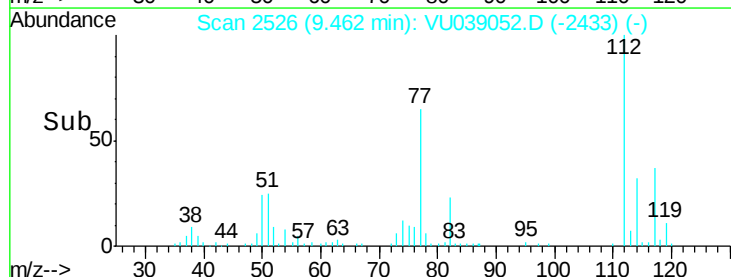
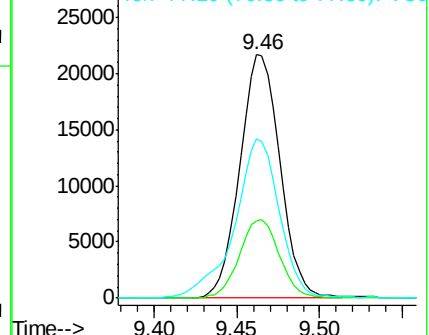
77 65.4 50.2 75.4

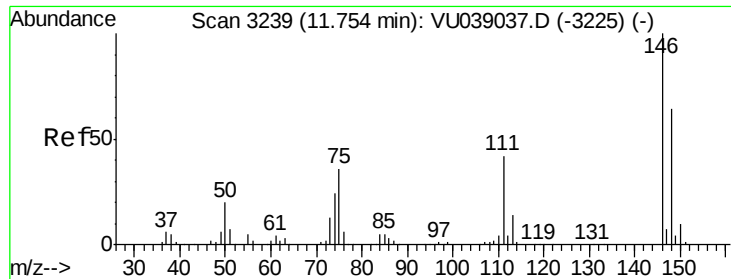


Abundance Ion 112.10 (111.80 to 112.80): VU039037.D (-2512) (-)

Ion 114.05 (113.75 to 114.75): VU039037.D (-2512) (-)

Ion 77.10 (76.80 to 77.80): VU039037.D (-2512) (-)

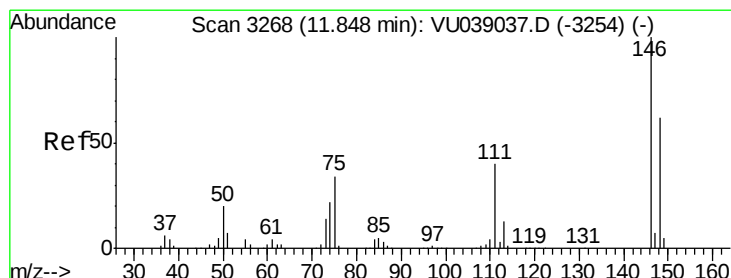
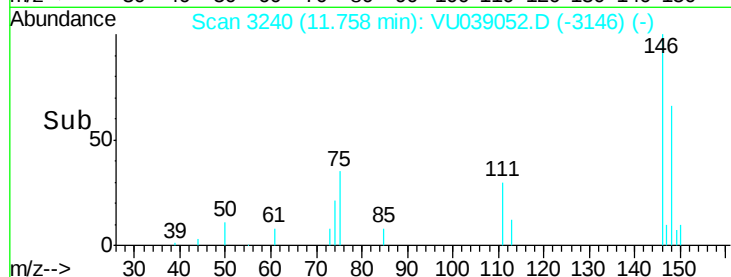
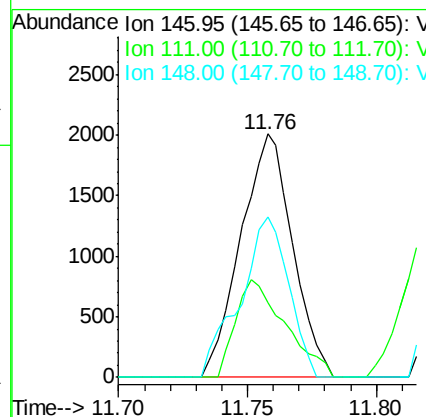
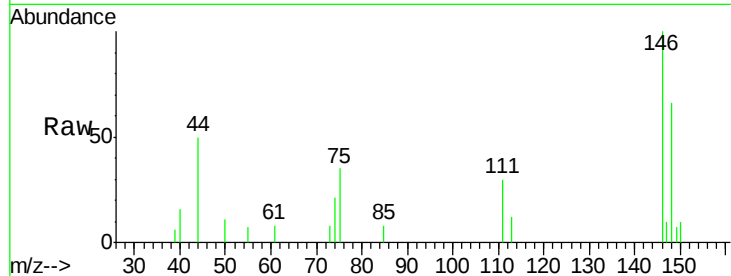




#62
 1,3-Dichlorobenzene
 Concen: 0.077 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU039052.D
 Acq: 23 Jun 2020 20:02

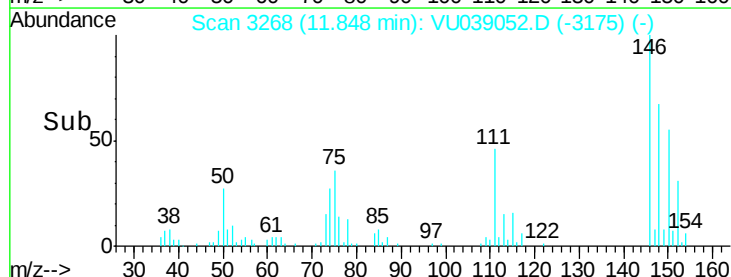
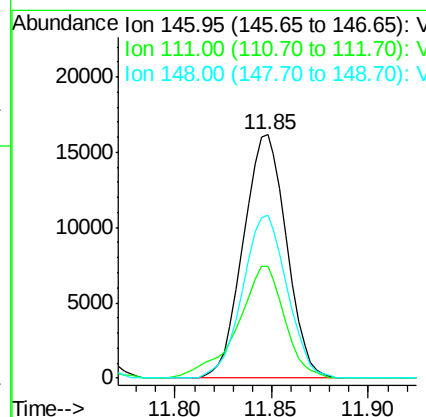
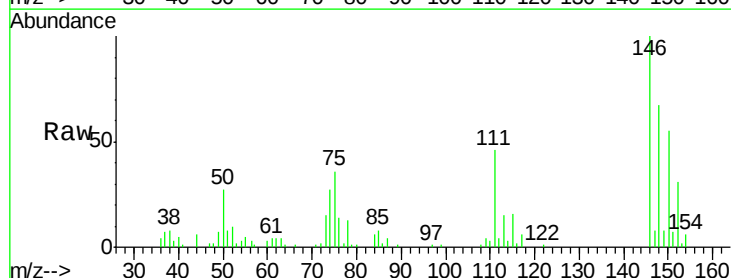
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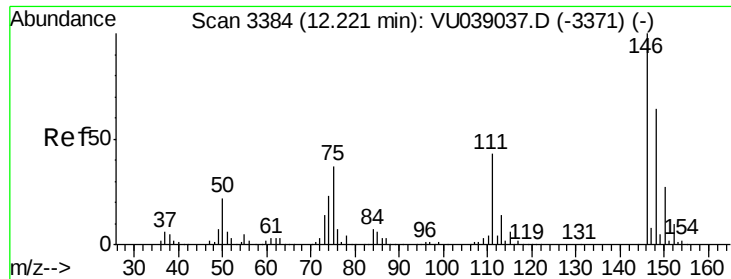
Tot Ion:146 Resp: 2821
 Ion Ratio Lower Upper
 146 100
 111 30.4 29.5 54.9
 148 65.6 44.5 82.7



#63
 1,4-Dichlorobenzene
 Concen: 0.667 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: VU039052.D
 Acq: 23 Jun 2020 20:02

Tgt Ion:146 Resp: 25145
 Ion Ratio Lower Upper
 146 100
 111 46.1 28.4 52.8
 148 66.9 43.4 80.6

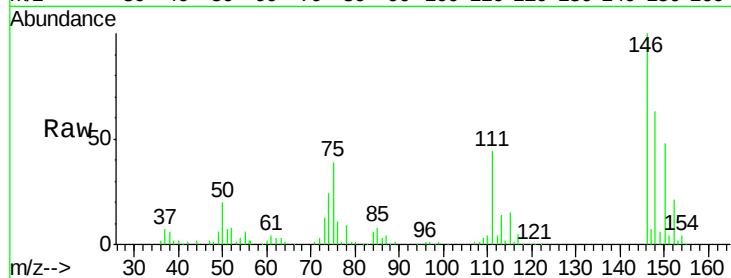




#65
 1,2-Dichlorobenzene
 Concen: 2.514 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VU039052.D
 Acq: 23 Jun 2020 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	34.7	52.1
148	62.6	50.9	76.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

