

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050923.D
 Acq On : 23 Sep 2022 16:30
 Operator : JC/MD
 Sample : N4747-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:25:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

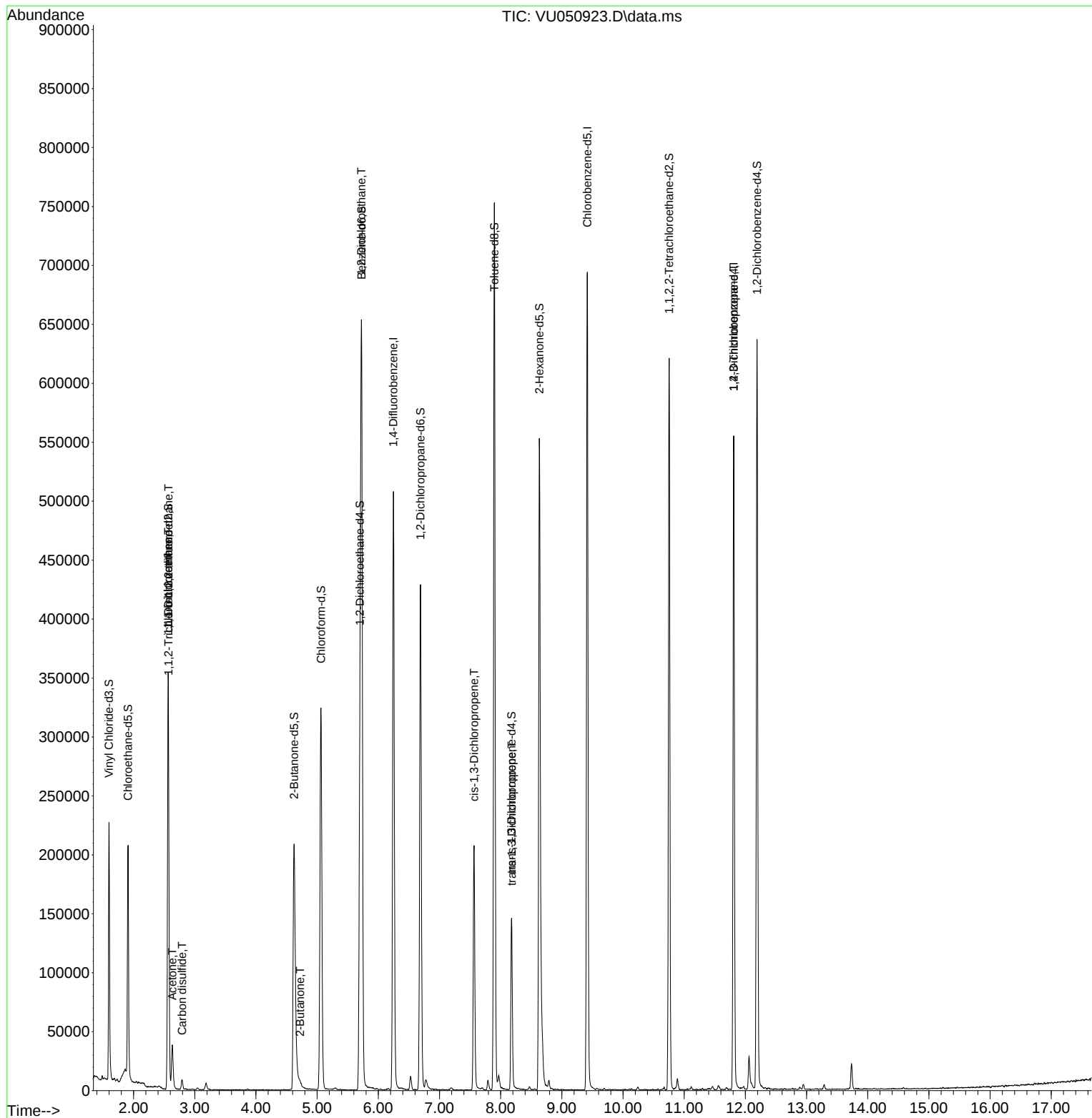
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	403135	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	388058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	146207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	165764	39.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.380%		
7) Chloroethane-d5	1.909	69	141265	47.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.980%		
11) 1,1-Dichloroethene-d2	2.565	63	209596	32.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.500%		
21) 2-Butanone-d5	4.623	46	312085	115.737	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.740%		
24) Chloroform-d	5.063	84	305000	46.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.200%		
26) 1,2-Dichloroethane-d4	5.700	65	198792	49.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.560%		
32) Benzene-d6	5.726	84	605927	47.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.820%		
36) 1,2-Dichloropropane-d6	6.690	67	208399	48.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.600%		
41) Toluene-d8	7.896	98	494161	44.229	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.460%		
43) trans-1,3-Dichloroprop...	8.179	79	83349	44.408	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.820%		
47) 2-Hexanone-d5	8.632	63	168971	95.035	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.040%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	317392	48.252	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.500%		
66) 1,2-Dichlorobenzene-d4	12.192	152	165729	54.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	2155	0.653	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1817	0.586	ug/L #	1
13) Acetone	2.633	43	43430	19.021	ug/L	100
14) Carbon disulfide	2.793	76	10267	1.048	ug/L	96
22) 2-Butanone	4.723	43	4984	1.656	ug/L	98
27) 1,2-Dichloroethane	5.723	62	2068	0.425	ug/L	96
39) cis-1,3-Dichloropropene	7.565	75	5015	0.959	ug/L #	53
44) trans-1,3-Dichloropropene	8.182	75	3397	0.683	ug/L #	65
60) 1,2,3-Trichloropropane	11.809	75	19311	4.696	ug/L #	68

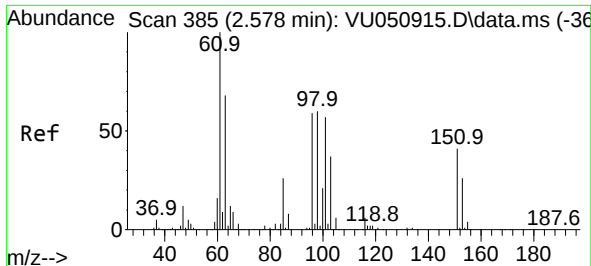
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

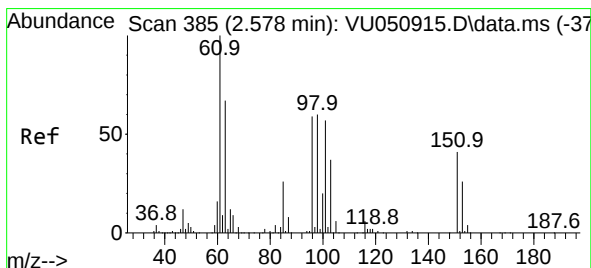
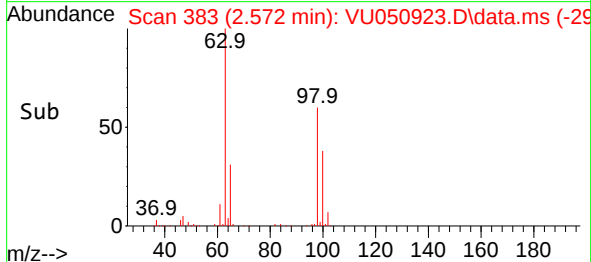
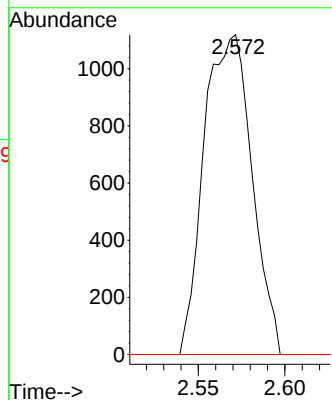
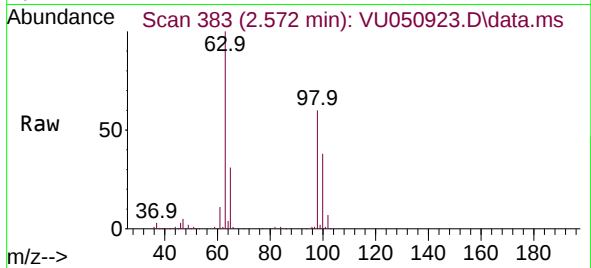




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.653 ug/L
 RT: 2.572 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VU050923.D
 Acq: 23 Sep 2022 16:30

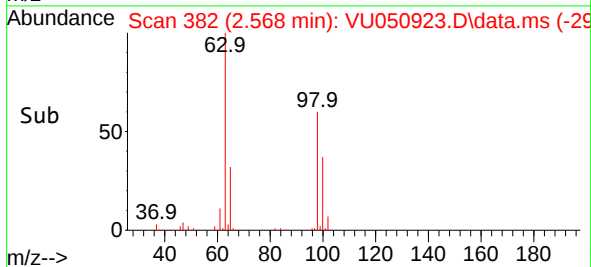
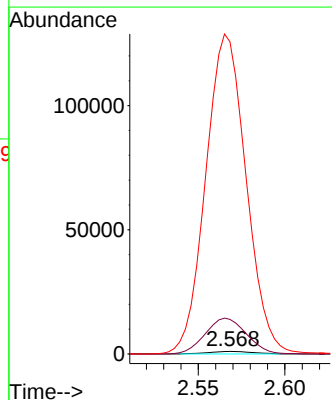
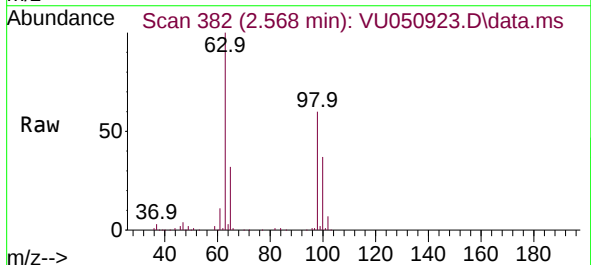
Instrument :
 MSVOA_U
 ClientSampleId :

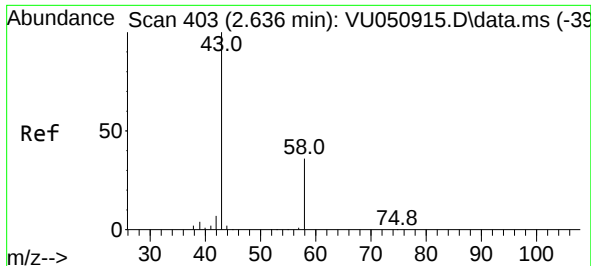
Tgt Ion:101 Resp: 2155
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.586 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050923.D
 Acq: 23 Sep 2022 16:30

Tgt Ion: 96 Resp: 1817
 Ion Ratio Lower Upper
 96 100
 61 1323.5 118.6 220.2#
 63 11940.0 90.4 168.0#





#13

Acetone

Concen: 19.021 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU050923.D

Acq: 23 Sep 2022 16:30

Instrument :

MSVOA_U

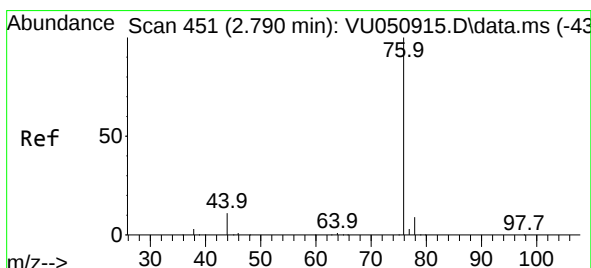
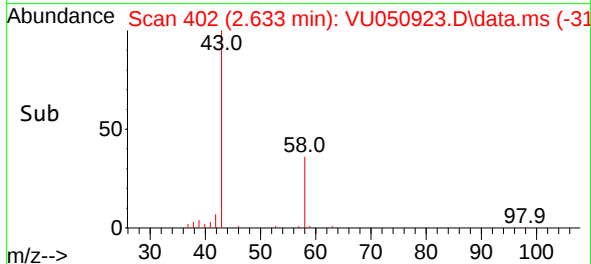
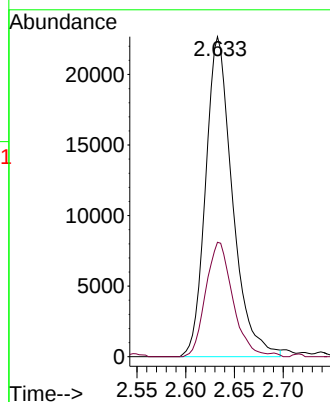
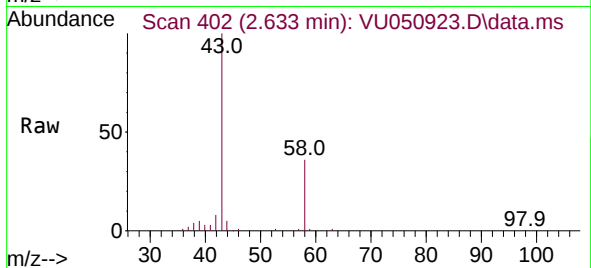
ClientSampleId :

Tgt Ion: 43 Resp: 43430

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.4



#14

Carbon disulfide

Concen: 1.048 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050923.D

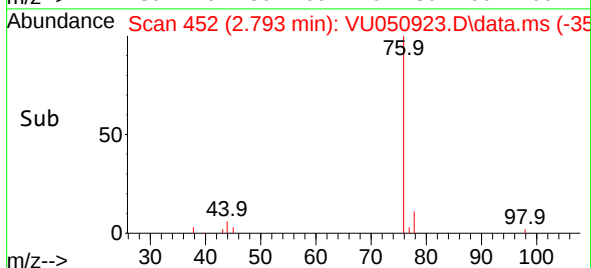
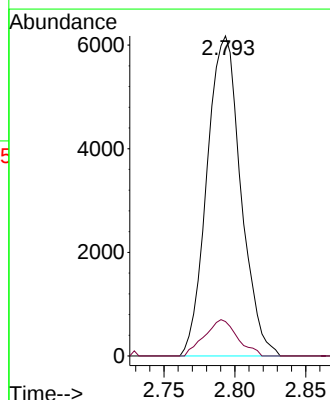
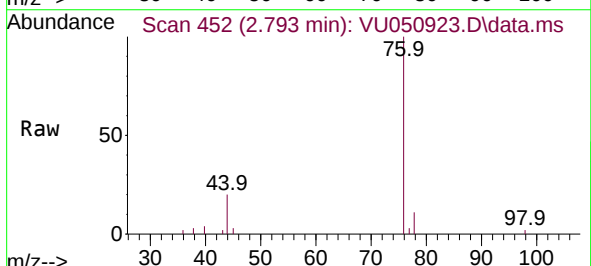
Acq: 23 Sep 2022 16:30

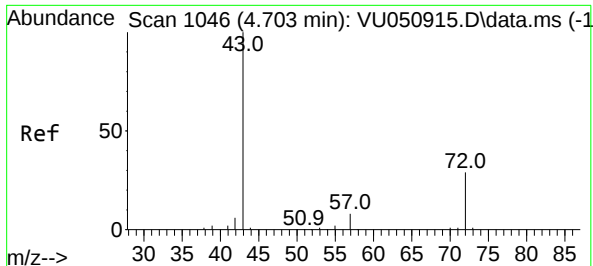
Tgt Ion: 76 Resp: 10267

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3





#22

2-Butanone

Concen: 1.656 ug/L

RT: 4.723 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU050923.D

Acq: 23 Sep 2022 16:30

Instrument :

MSVOA_U

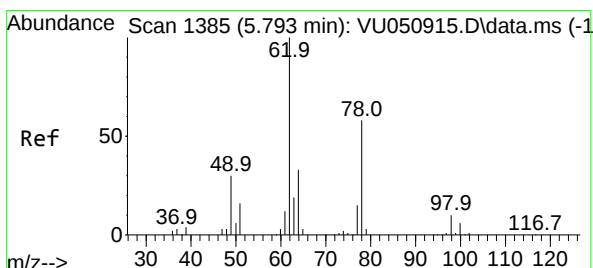
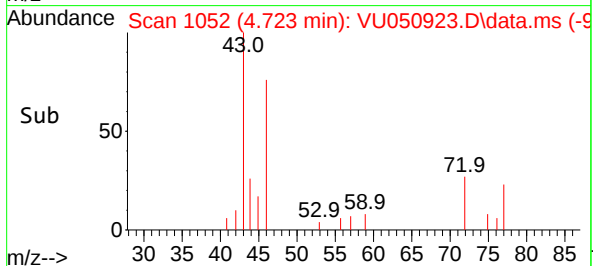
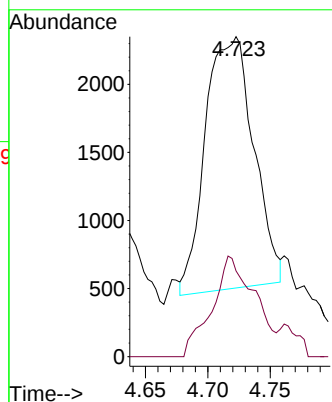
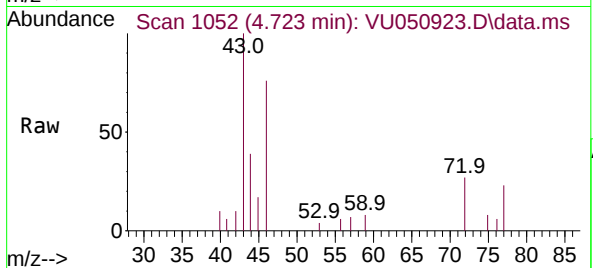
ClientSampleId :

Tgt Ion: 43 Resp: 4984

Ion Ratio Lower Upper

43 100

72 28.3 14.8 44.3



#27

1,2-Dichloroethane

Concen: 0.425 ug/L

RT: 5.723 min Scan# 1363

Delta R.T. -0.071 min

Lab File: VU050923.D

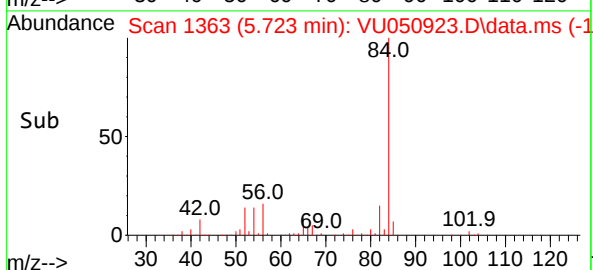
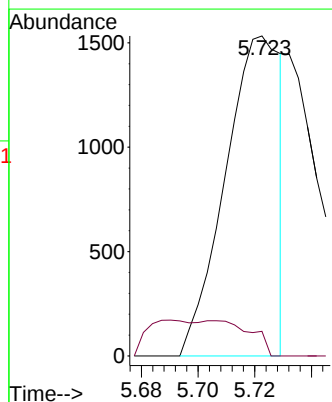
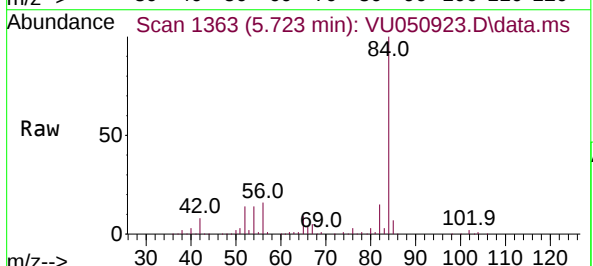
Acq: 23 Sep 2022 16:30

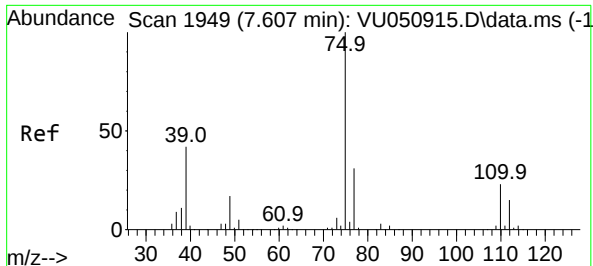
Tgt Ion: 62 Resp: 2068

Ion Ratio Lower Upper

62 100

98 7.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050923.D

Acq: 23 Sep 2022 16:30

Instrument :

MSVOA_U

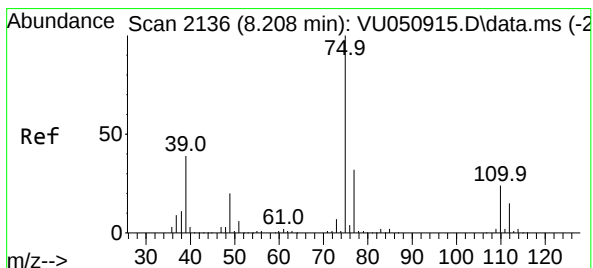
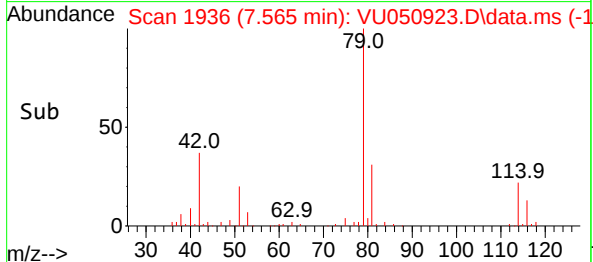
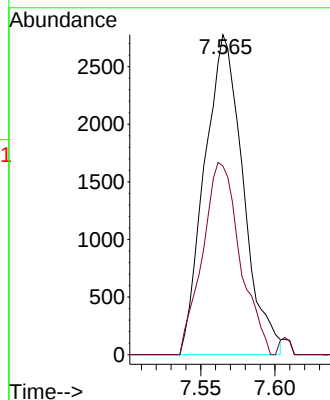
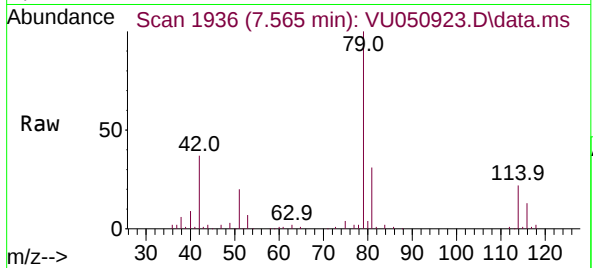
ClientSampleId :

Tgt Ion: 75 Resp: 5015

Ion Ratio Lower Upper

75 100

77 59.0 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU050923.D

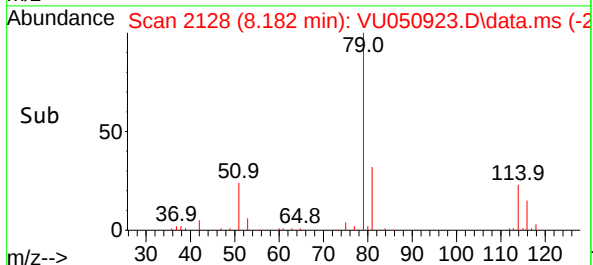
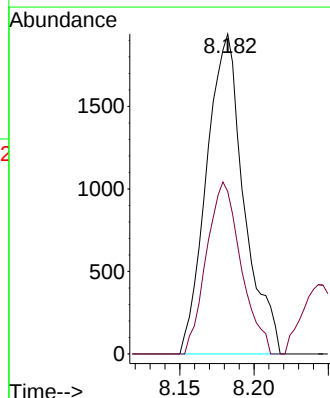
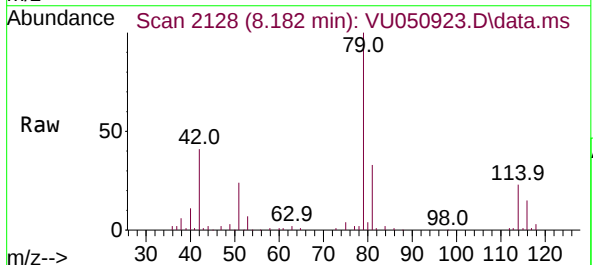
Acq: 23 Sep 2022 16:30

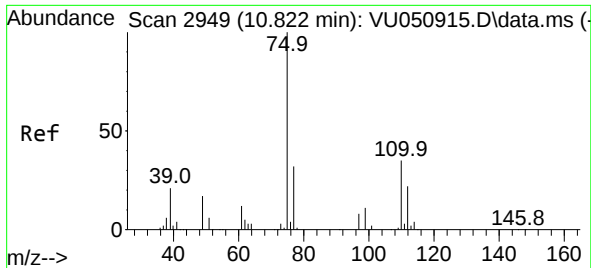
Tgt Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

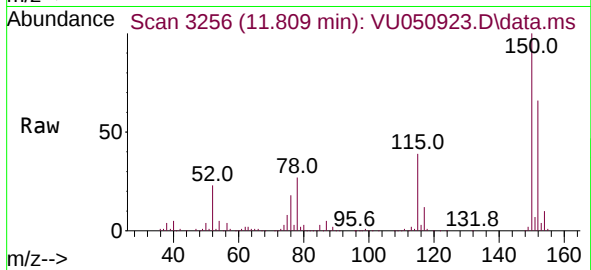
77 50.7 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 4.696 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050923.D
 Acq: 23 Sep 2022 16:30

Instrument :
 MSVOA_U
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.2	39.4
110	2.4	28.6	43.0#

