

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050845.D
 Acq On : 20 Sep 2022 20:45
 Operator : JC/MD
 Sample : N4651-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ47

Quant Time: Sep 21 02:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

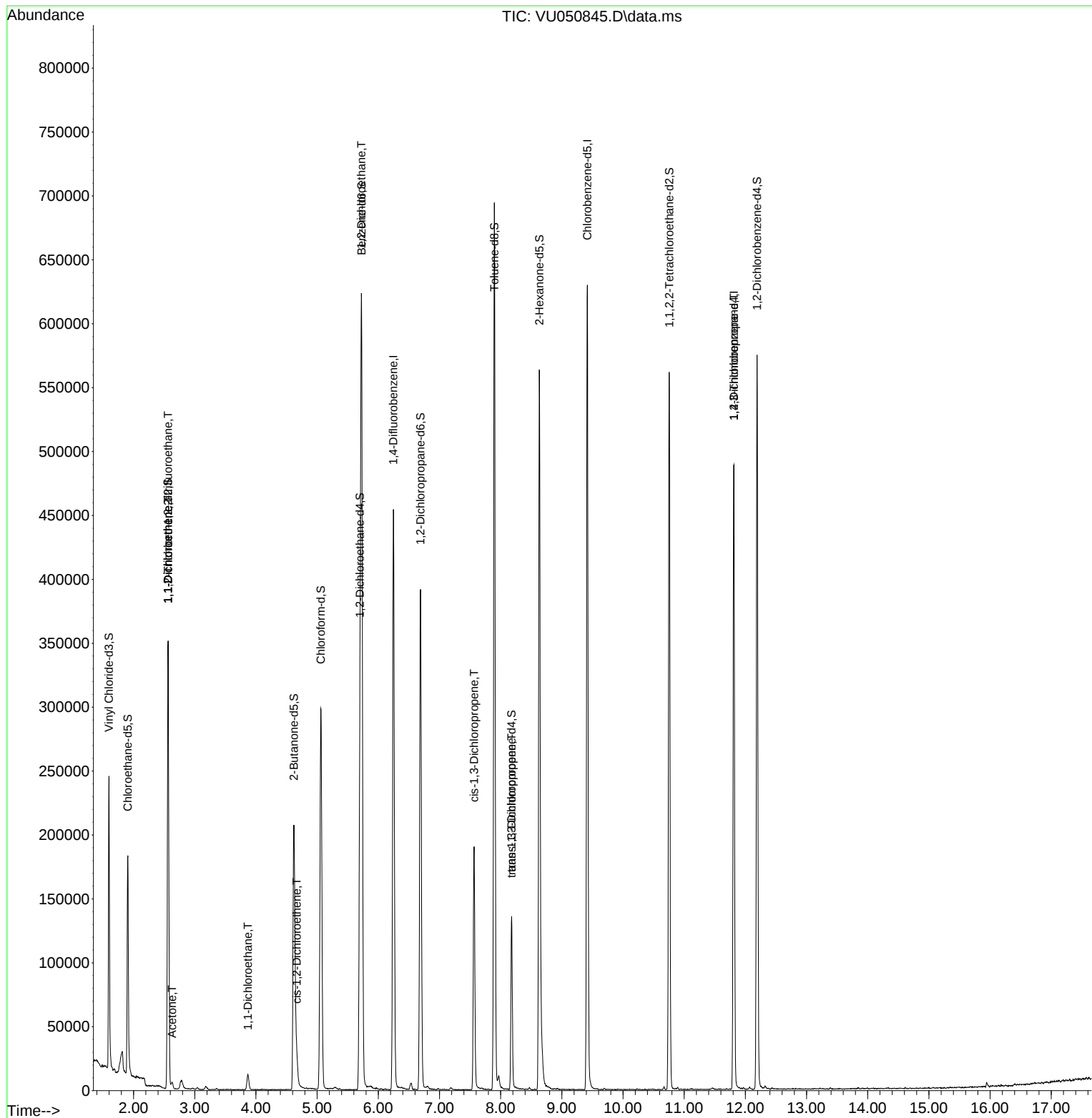
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	358483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	344789	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	128711	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171925	46.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.580%			
7) Chloroethane-d5	1.906	69	133521	50.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.960%			
11) 1,1-Dichloroethene-d2	2.562	63	205557	35.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.140%			
21) 2-Butanone-d5	4.620	46	297978	124.270	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.270%			
24) Chloroform-d	5.060	84	284103	48.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.620%			
26) 1,2-Dichloroethane-d4	5.700	65	182947	51.002	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.000%			
32) Benzene-d6	5.726	84	575530	50.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.360%			
36) 1,2-Dichloropropane-d6	6.690	67	196729	51.320	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.640%			
41) Toluene-d8	7.896	98	458473	46.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.360%			
43) trans-1,3-Dichloroprop...	8.179	79	75344	45.180	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.360%			
47) 2-Hexanone-d5	8.632	63	178399	112.930	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.930%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	292796	50.099	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	149678	55.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.080%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1709	0.583	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1473	0.534	ug/L #	1
13) Acetone	2.629	43	5354	2.637	ug/L	96
19) 1,1-Dichloroethane	3.867	63	13868	2.430	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	7972	2.545	ug/L	90
27) 1,2-Dichloroethane	5.723	62	3181	0.736	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	4542	0.978	ug/L #	69
44) trans-1,3-Dichloropropene	8.176	75	2934	0.664	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	16515	4.562	ug/L #	70

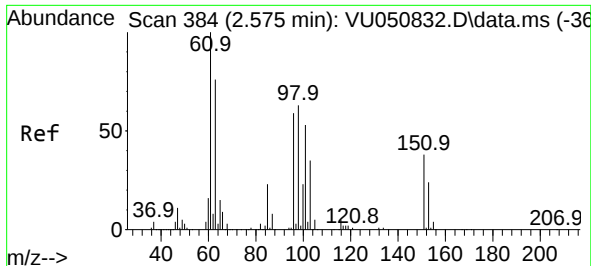
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050845.D
Acq On : 20 Sep 2022 20:45
Operator : JC/MD
Sample : N4651-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ47

Quant Time: Sep 21 02:27:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 21 02:18:13 2022
Response via : Initial Calibration

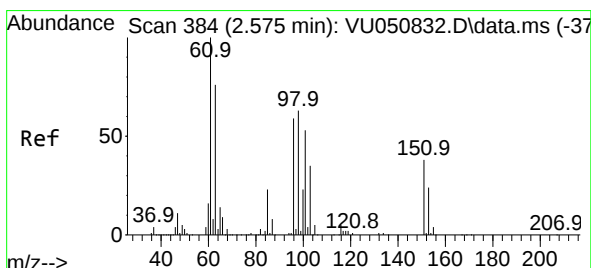
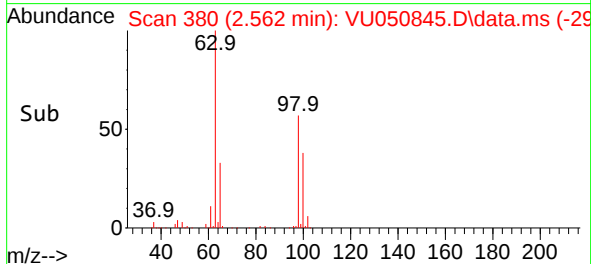
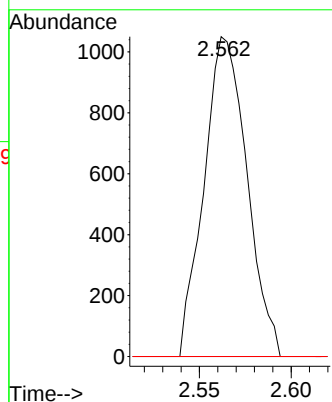
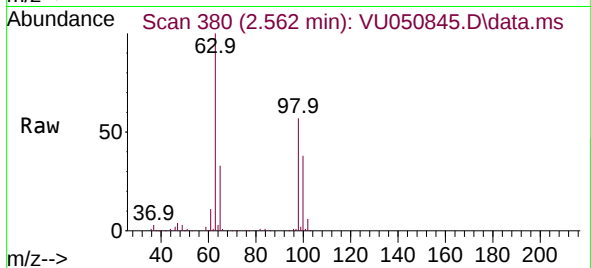




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.583 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU050845.D
 Acq: 20 Sep 2022 20:45

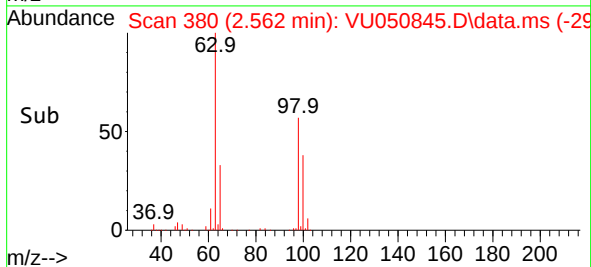
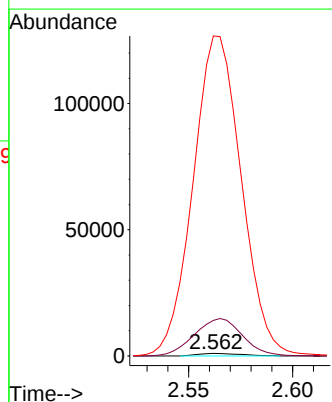
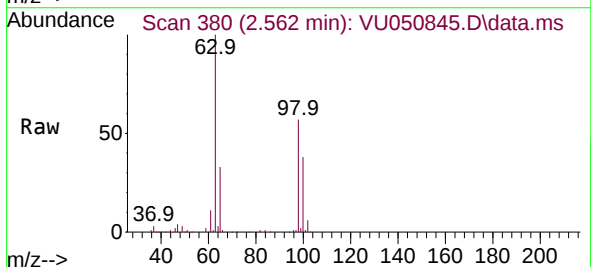
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ47

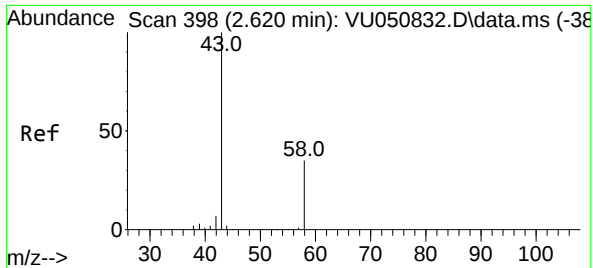
Tgt Ion: 101 Resp: 1709
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.534 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU050845.D
 Acq: 20 Sep 2022 20:45

Tgt Ion: 96 Resp: 1473
 Ion Ratio Lower Upper
 96 100
 61 1394.3 118.6 220.2#
 63 12564.5 90.4 168.0#





#13

Acetone

Concen: 2.637 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU050845.D

Acq: 20 Sep 2022 20:45

Instrument :

MSVOA_U

ClientSampleId :

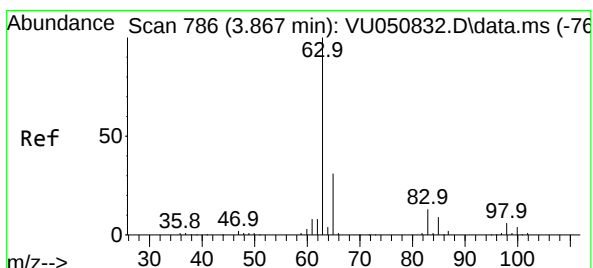
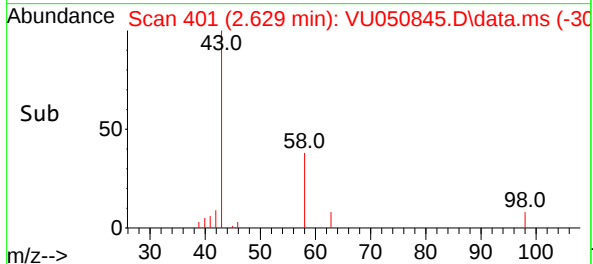
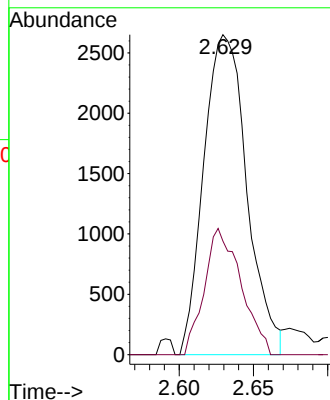
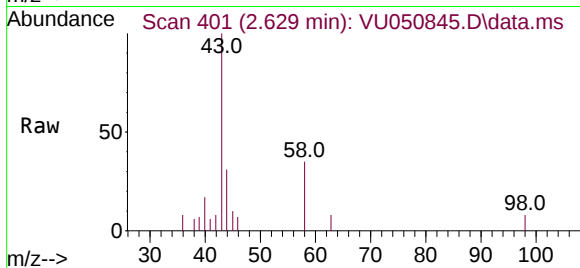
EXZ47

Tgt Ion: 43 Resp: 5354

Ion Ratio Lower Upper

43 100

58 33.6 0.0 71.4



#19

1,1-Dichloroethane

Concen: 2.430 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050845.D

Acq: 20 Sep 2022 20:45

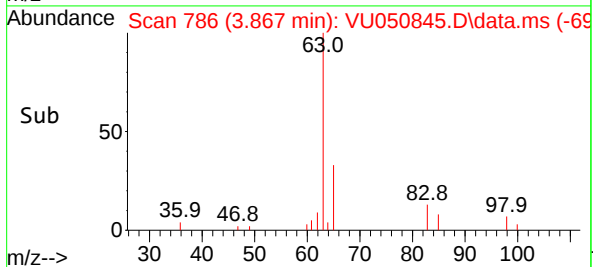
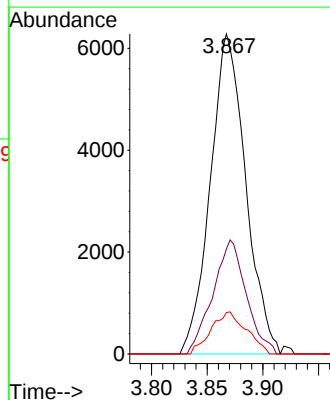
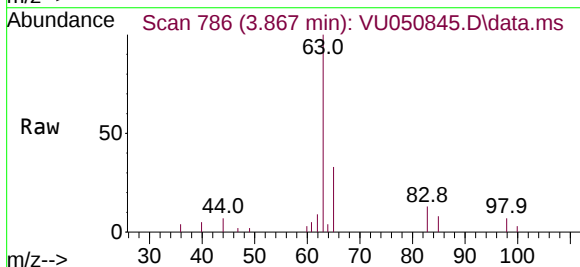
Tgt Ion: 63 Resp: 13868

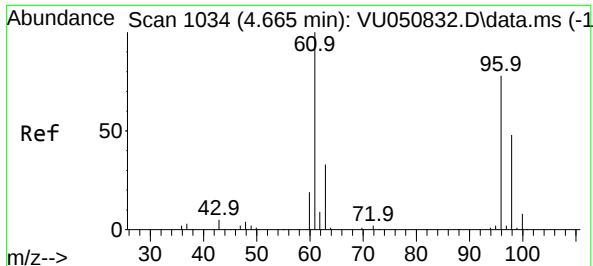
Ion Ratio Lower Upper

63 100

65 32.8 21.5 39.9

83 13.0 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 2.545 ug/L

RT: 4.668 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050845.D

Acq: 20 Sep 2022 20:45

Instrument :

MSVOA_U

ClientSampleId :

EXZ47

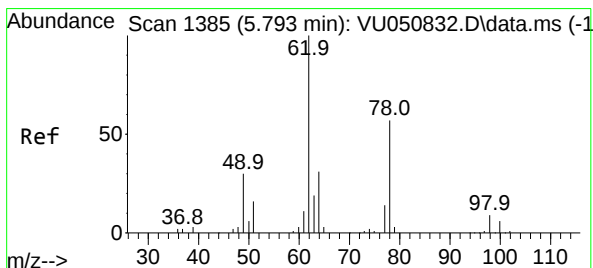
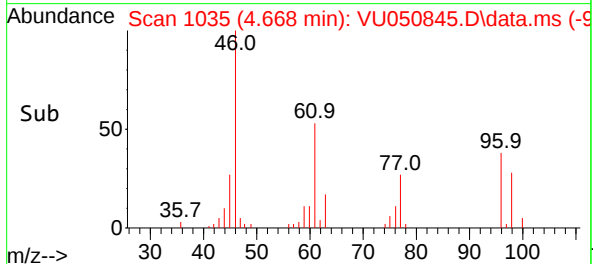
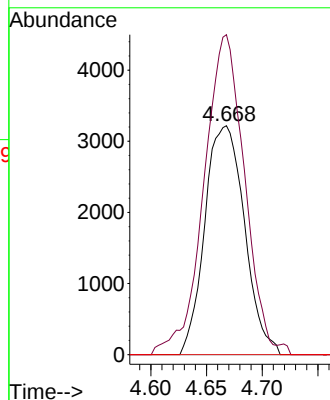
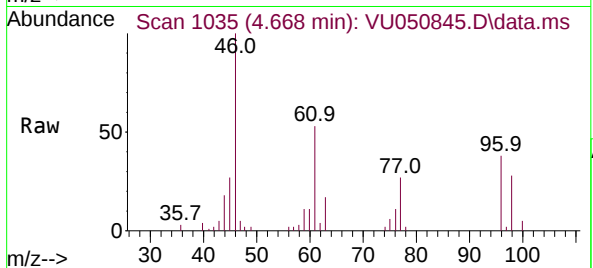
Tgt Ion: 96 Resp: 7972

Ion Ratio Lower Upper

96 100

61 139.8 90.1 167.3

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.736 ug/L

RT: 5.723 min Scan# 1363

Delta R.T. -0.071 min

Lab File: VU050845.D

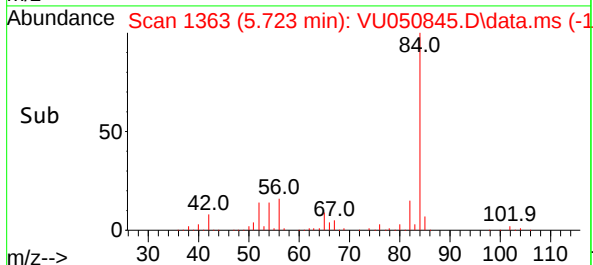
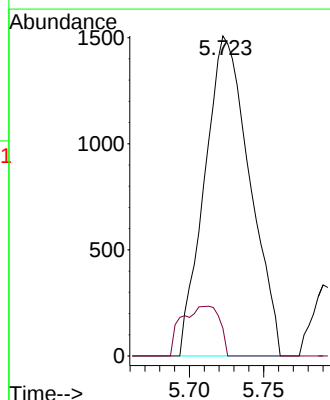
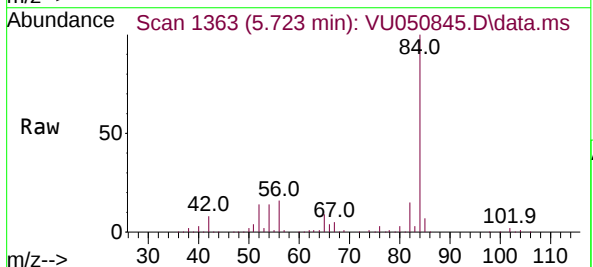
Acq: 20 Sep 2022 20:45

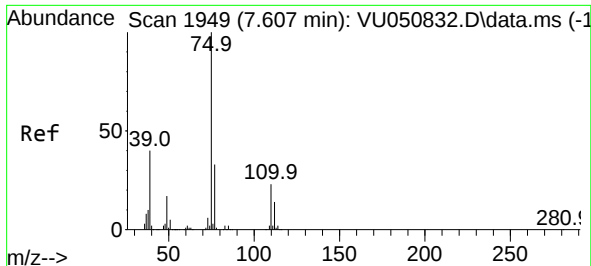
Tgt Ion: 62 Resp: 3181

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 0.978 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050845.D

Acq: 20 Sep 2022 20:45

Instrument :

MSVOA_U

ClientSampleId :

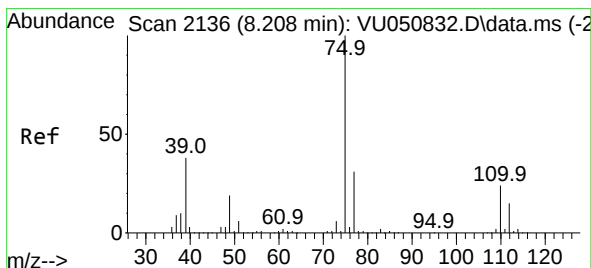
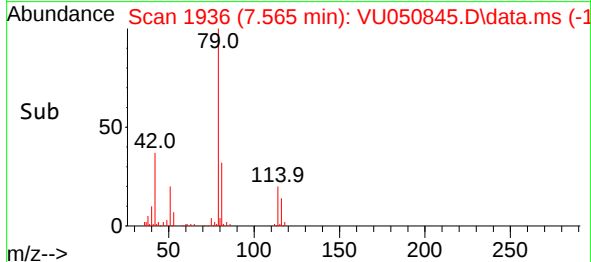
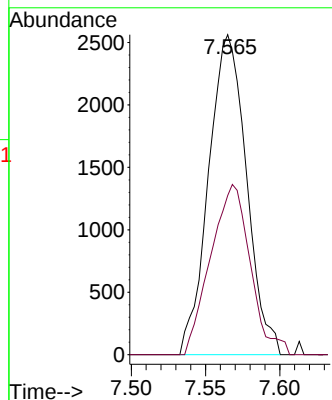
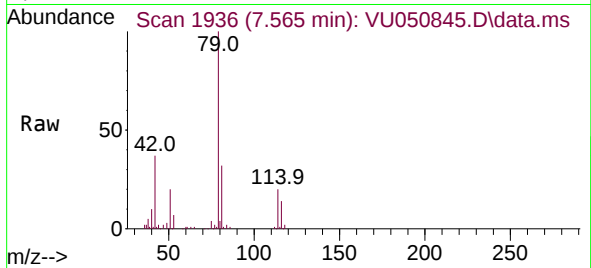
EXZ47

Tgt Ion: 75 Resp: 4542

Ion Ratio Lower Upper

75 100

77 49.7 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.664 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU050845.D

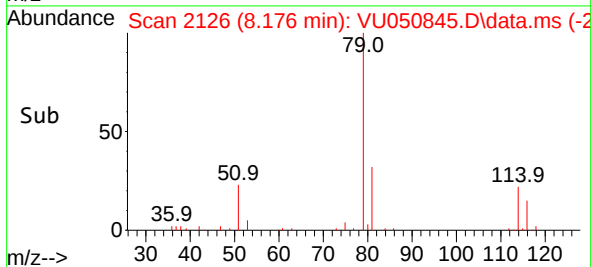
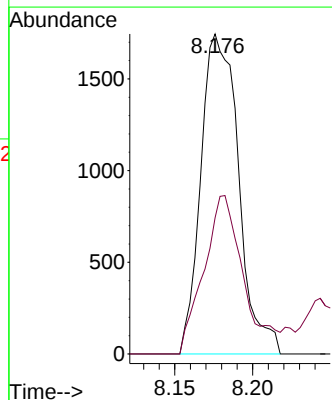
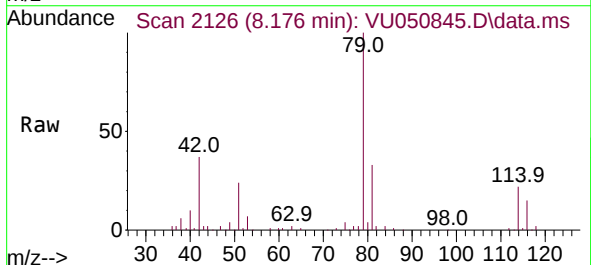
Acq: 20 Sep 2022 20:45

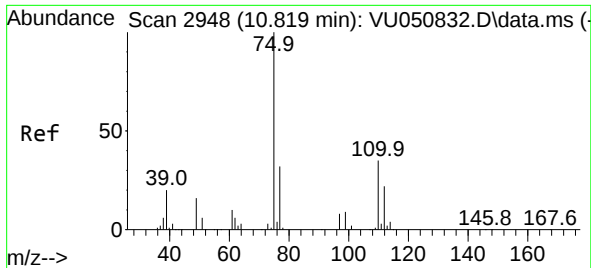
Tgt Ion: 75 Resp: 2934

Ion Ratio Lower Upper

75 100

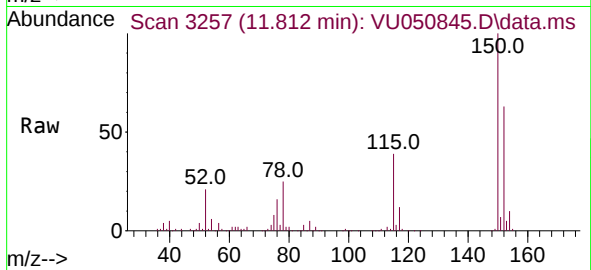
77 39.3 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 4.562 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050845.D
 Acq: 20 Sep 2022 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ47



Tgt Ion: 75	Resp:	16515
Ion	Ratio	Lower Upper
75	100	
77	32.3	26.2 39.4
110	2.1	28.6 43.0#

