

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051042.D
 Acq On : 30 Sep 2022 18:30
 Operator : JC/MD
 Sample : N4859-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:28:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

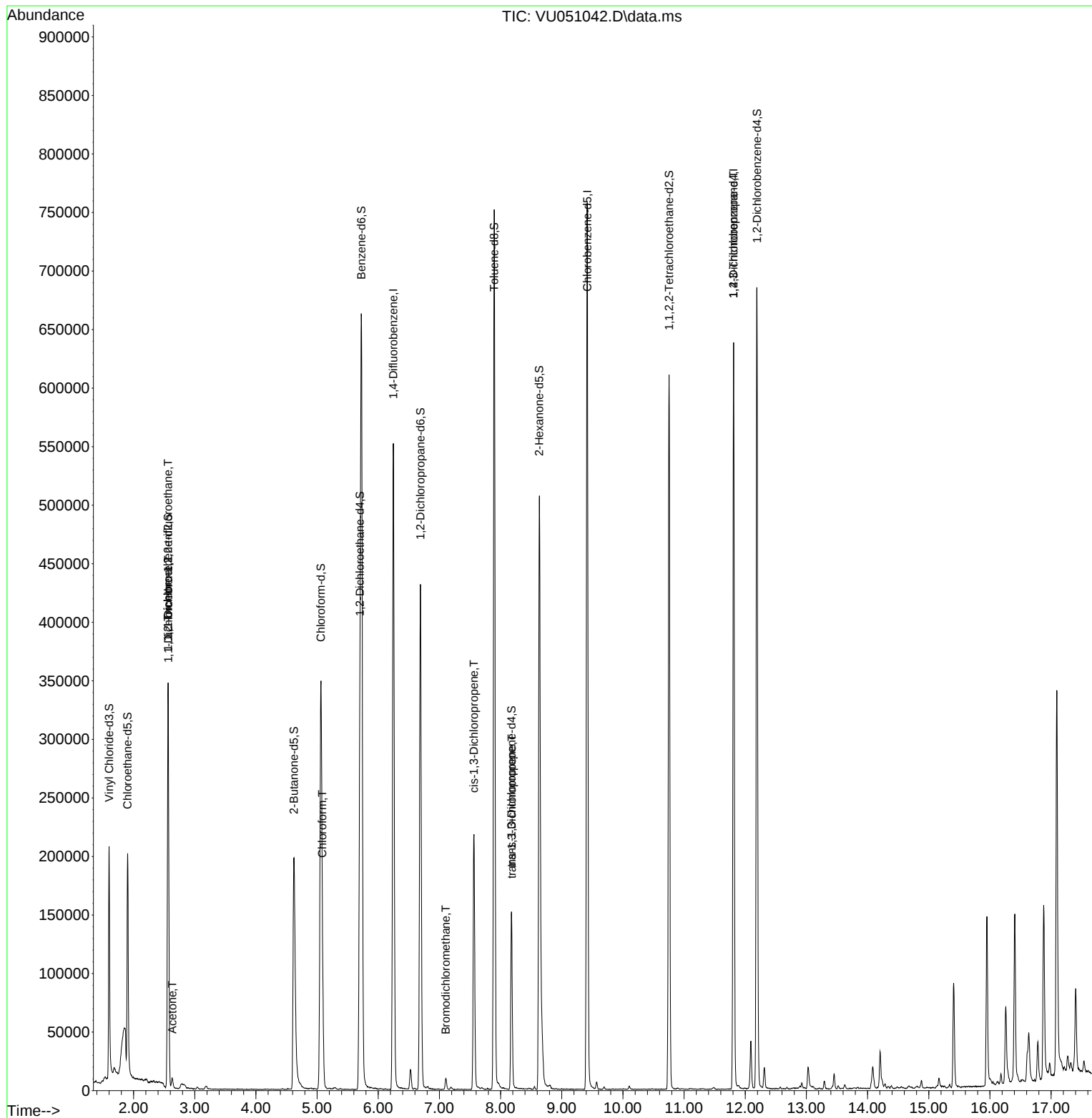
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	435594	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	425071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	163015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	153602	34.795	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	69.580%	
7) Chloroethane-d5	1.903	69	142885	34.844	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	69.680%#	
11) 1,1-Dichloroethene-d2	2.565	63	200972	30.819	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.640%	
21) 2-Butanone-d5	4.620	46	293556	102.527	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.530%	
24) Chloroform-d	5.060	84	310819	43.701	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.700	65	203693	46.270	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.540%	
32) Benzene-d6	5.726	84	609580	48.971	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.940%	
36) 1,2-Dichloropropane-d6	6.690	67	209532	51.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.760%	
41) Toluene-d8	7.896	98	504575	43.873	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.740%	
43) trans-1,3-Dichloroprop...	8.179	79	87551	45.444	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.880%	
47) 2-Hexanone-d5	8.632	63	153992	94.419	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.420%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	311710	44.157	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.320%	
66) 1,2-Dichlorobenzene-d4	12.192	152	177495	50.968	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.940%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1869	0.562	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1947	0.627	ug/L #	1
13) Acetone	2.633	43	9787	4.281	ug/L	99
25) Chloroform	5.086	83	70724	10.358	ug/L	98
38) Bromodichloromethane	7.102	83	6445	1.384	ug/L	96
39) cis-1,3-Dichloropropene	7.562	75	5116	1.035	ug/L #	56
44) trans-1,3-Dichloropropene	8.182	75	3841	0.769	ug/L	86
60) 1,2,3-Trichloropropane	11.809	75	21575	5.029	ug/L #	68

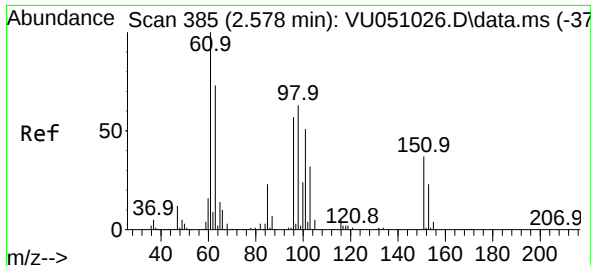
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration





#10

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

Concen: 0.562 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051042.D

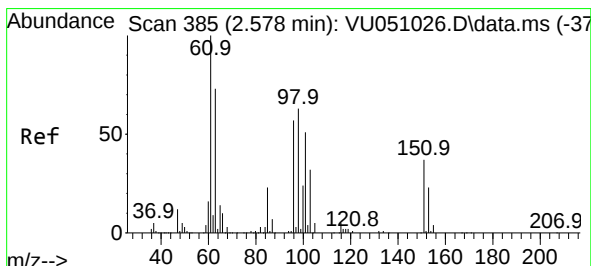
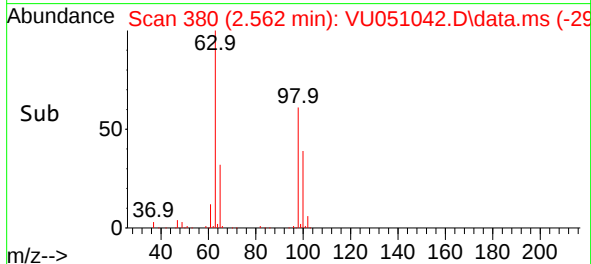
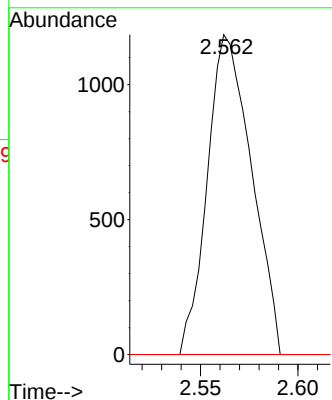
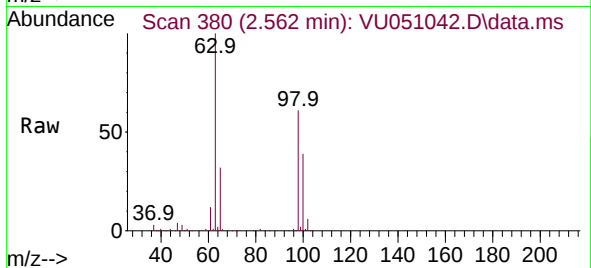
Acq: 30 Sep 2022 18:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1869
Ion Ratio	Lower	Upper
101	100	
85	0.0	34.6 52.0#
151	0.0	58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.627 ug/L

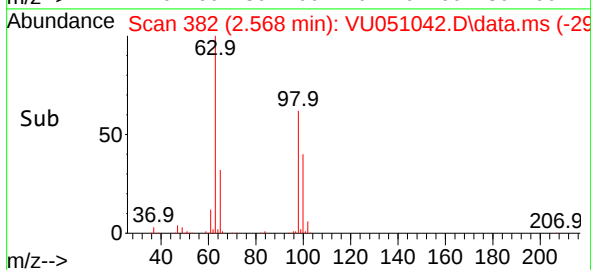
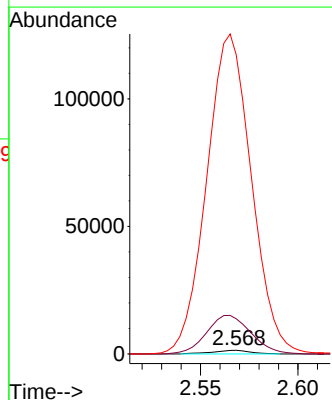
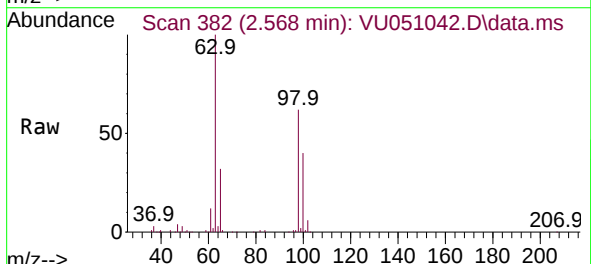
RT: 2.568 min Scan# 382

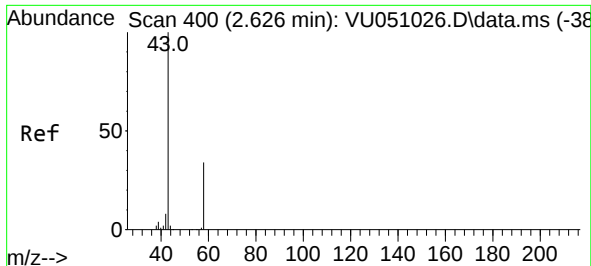
Delta R.T. -0.010 min

Lab File: VU051042.D

Acq: 30 Sep 2022 18:30

Tgt Ion: 96	Resp:	1947
Ion Ratio	Lower	Upper
96	100	
61	959.1	113.0 209.9#
63	8139.9	91.7 170.3#





#13

Acetone

Concen: 4.281 ug/L

RT: 2.633 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU051042.D

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Instrument :

MSVOA_U

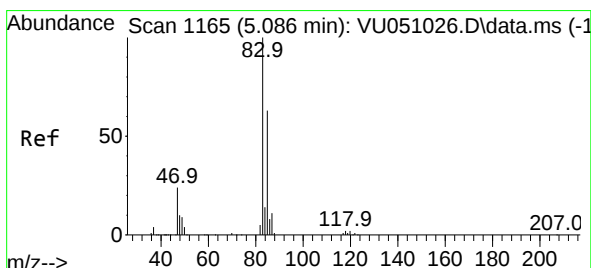
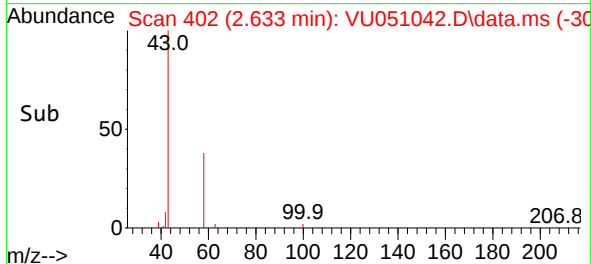
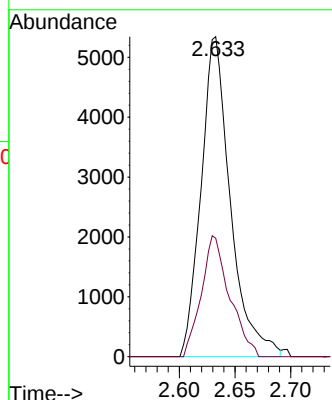
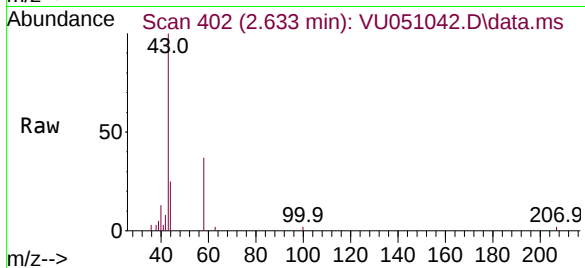
ClientSampleId :

Tgt Ion: 43 Resp: 9787

Ion Ratio Lower Upper

43 100

58 36.4 0.0 73.6



#25

Chloroform

Concen: 10.358 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051042.D

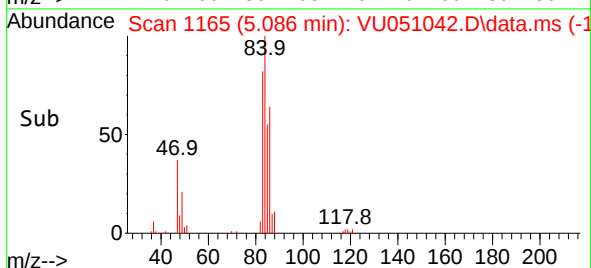
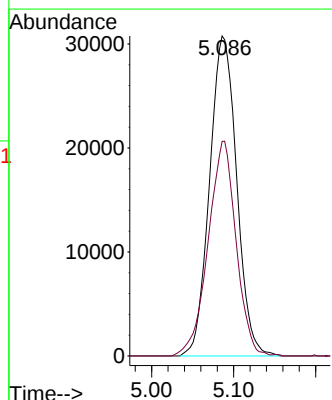
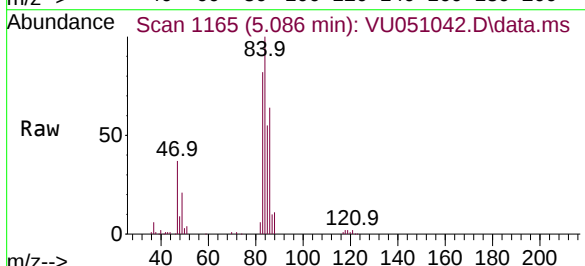
Acq: 30 Sep 2022 18:30

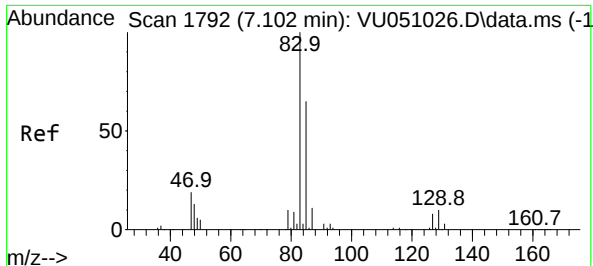
Tgt Ion: 83 Resp: 70724

Ion Ratio Lower Upper

83 100

85 67.1 45.7 84.9

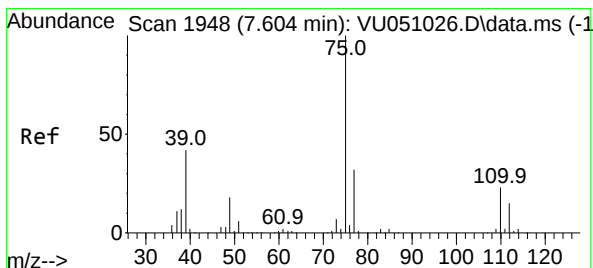
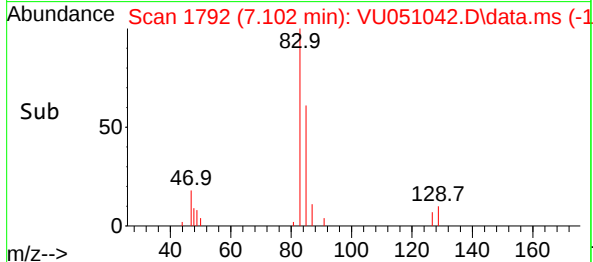
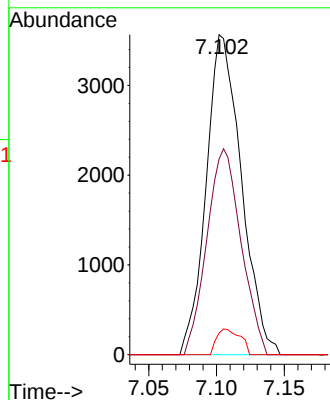
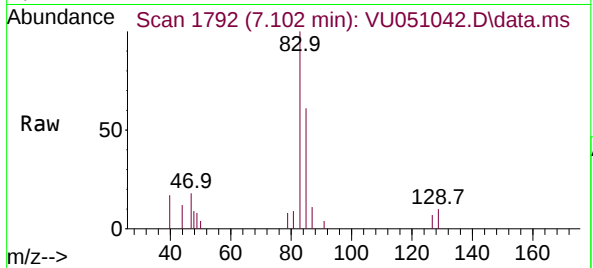




#38
Bromodichloromethane
Concen: 1.384 ug/L
RT: 7.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051042.D
Acq: 30 Sep 2022 18:30

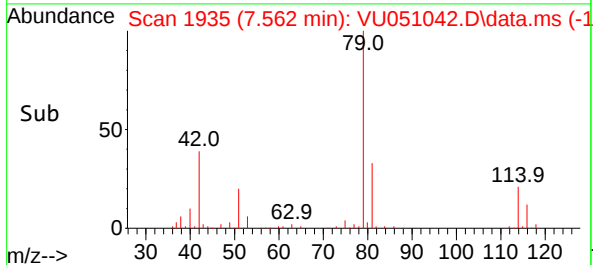
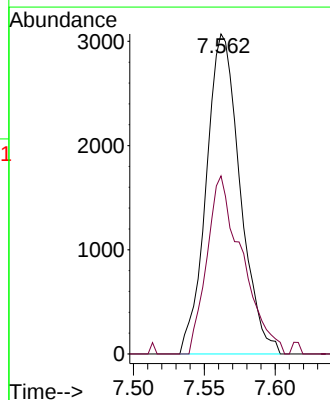
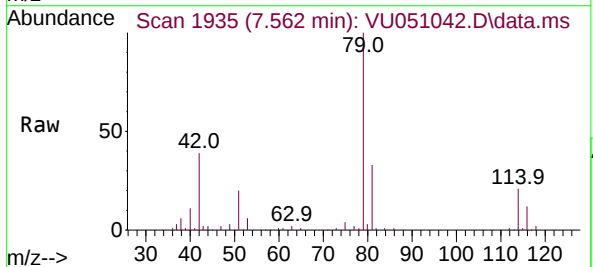
Instrument :
MSVOA_U
ClientSampleId :

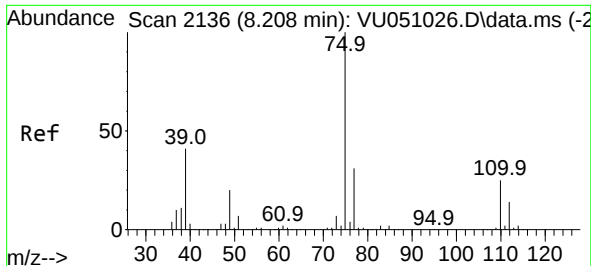
Tgt Ion: 83 Resp: 6445
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7
127 6.7 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 1.035 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU051042.D
Acq: 30 Sep 2022 18:30

Tgt Ion: 75 Resp: 5116
Ion Ratio Lower Upper
75 100
77 55.6 22.0 41.0#

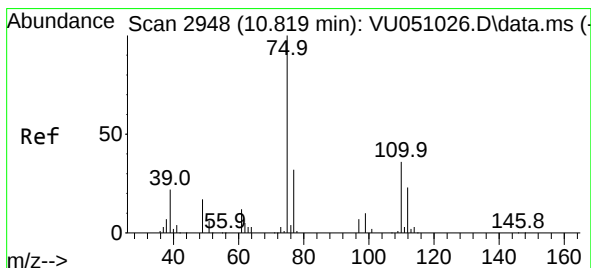
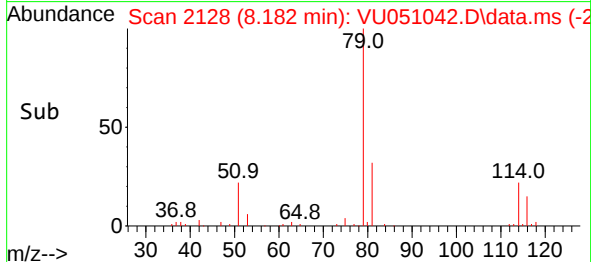
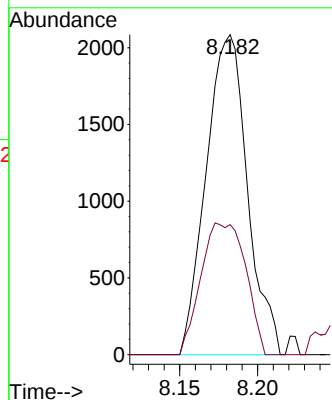
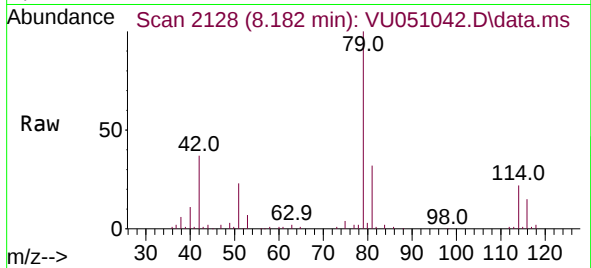




#44
trans-1,3-Dichloropropene
Concen: 0.769 ug/L
RT: 8.182 min Scan# 2136
Delta R.T. -0.026 min
Lab File: VU051042.D
Acq: 30 Sep 2022 18:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3841
Ion Ratio Lower Upper
75 100
77 40.6 22.7 42.3



#60
1,2,3-Trichloropropane
Concen: 5.029 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051042.D
Acq: 30 Sep 2022 18:30

Tgt Ion: 75 Resp: 21575
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 1.8 30.0 45.0#

