

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051206.D
 Acq On : 07 Oct 2022 05:11
 Operator : JC/MD
 Sample : N4853-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW832

Quant Time: Oct 07 06:32:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

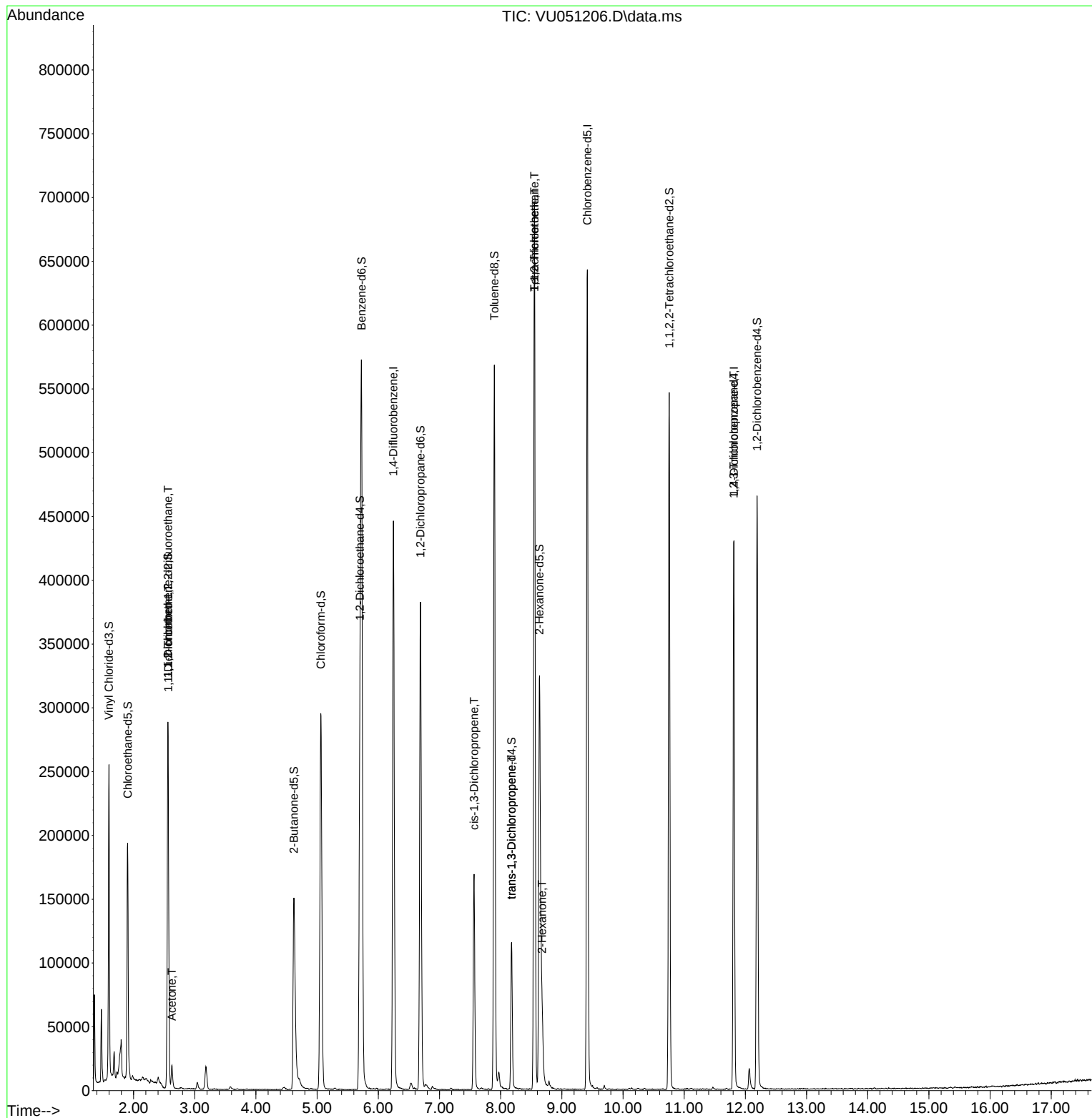
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	348886	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156760	44.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.680%		
7) Chloroethane-d5	1.903	69	139391	42.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.880%		
11) 1,1-Dichloroethene-d2	2.562	63	170083	32.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.120%		
21) 2-Butanone-d5	4.620	46	204302	89.088	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.090%		
24) Chloroform-d	5.060	84	276964	48.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
26) 1,2-Dichloroethane-d4	5.700	65	185013	52.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.940%		
32) Benzene-d6	5.726	84	522654	50.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
36) 1,2-Dichloropropane-d6	6.690	67	188055	55.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.940%		
41) Toluene-d8	7.896	98	382893	40.024	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.040%		
43) trans-1,3-Dichloroprop...	8.176	79	65561	40.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.820%		
47) 2-Hexanone-d5	8.632	63	87118	64.214	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	64.210%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	281400	47.922	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.840%		
66) 1,2-Dichlorobenzene-d4	12.192	152	124463	50.550	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1559	0.585	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1345	0.541	ug/L #	1
13) Acetone	2.626	43	18577	10.144	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	3980	0.968	ug/L #	74
44) trans-1,3-Dichloropropene	8.176	75	2812	0.676	ug/L	95
45) 1,1,2-Trichloroethane	8.552	97	1483	0.472	ug/L #	12
46) Tetrachloroethene	8.552	164	153389	72.493	ug/L	99
48) 2-Hexanone	8.677	43	28419	7.443	ug/L #	64
60) 1,2,3-Trichloropropane	11.809	75	13996	4.615	ug/L #	68

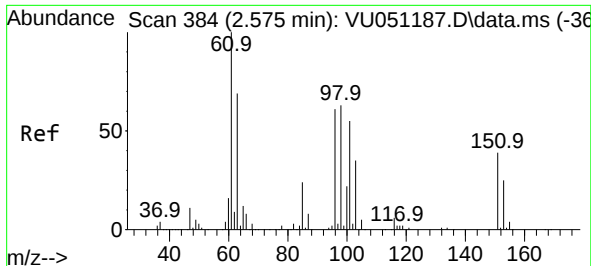
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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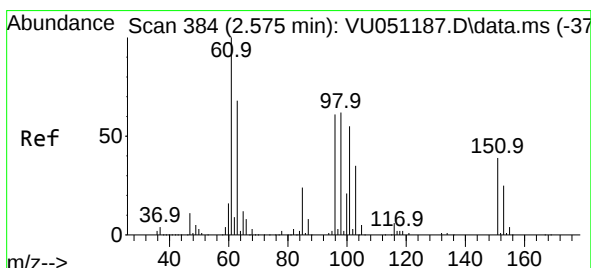
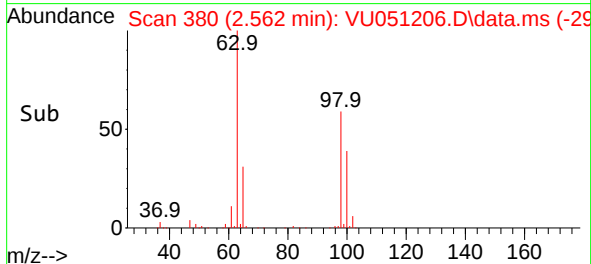
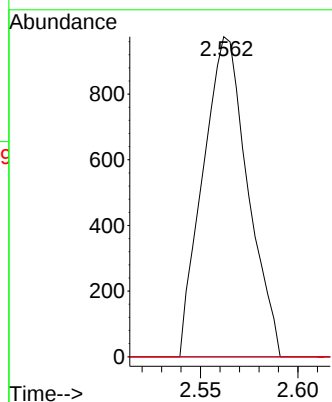
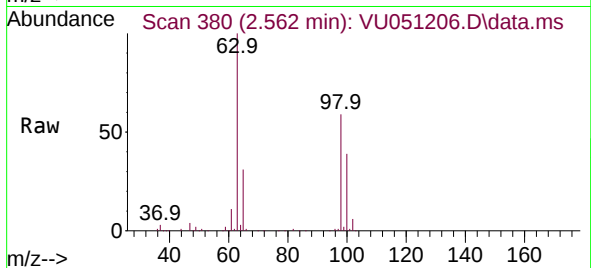




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.585 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051206.D
Acq: 07 Oct 2022 05:11

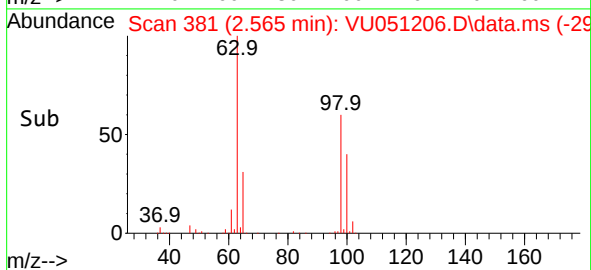
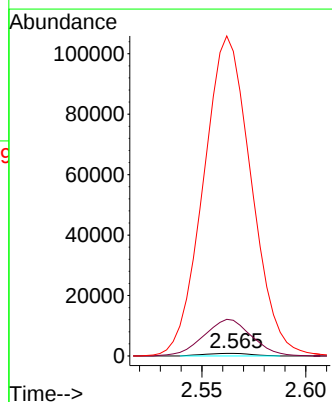
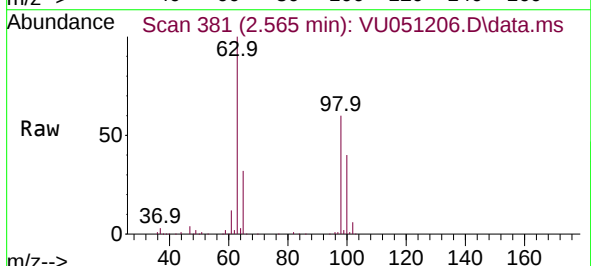
Instrument :
MSVOA_U
ClientSampleId :
EW832

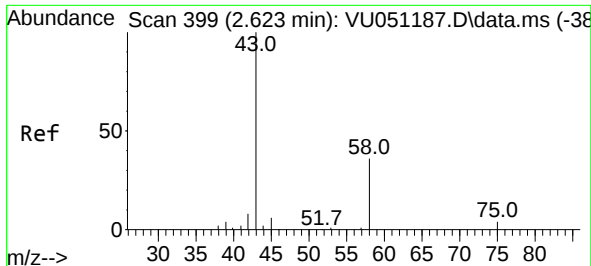
Tgt Ion:101 Resp: 1559
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.541 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051206.D
Acq: 07 Oct 2022 05:11

Tgt Ion: 96 Resp: 1345
Ion Ratio Lower Upper
96 100
61 1374.2 113.0 209.9#
63 11720.9 91.7 170.3#





#13

Acetone

Concen: 10.144 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU051206.D

Acq: 07 Oct 2022 05:11

Instrument :

MSVOA_U

ClientSampleId :

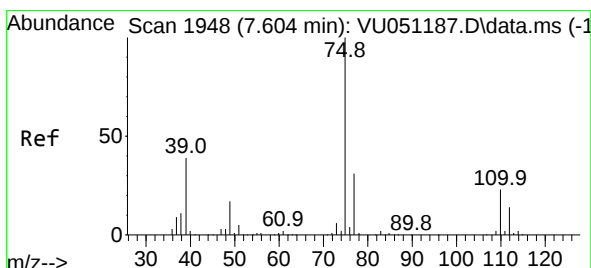
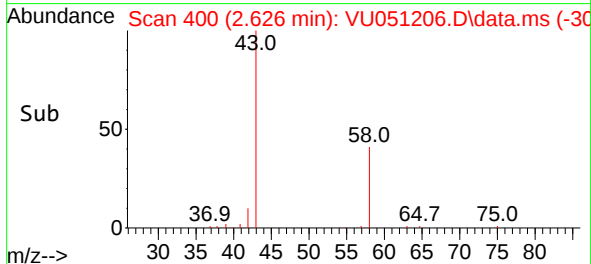
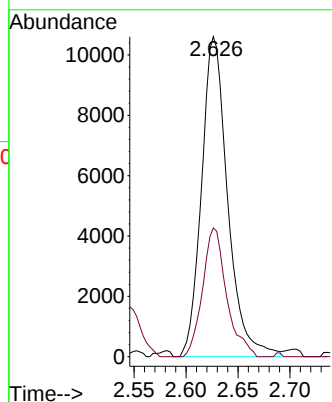
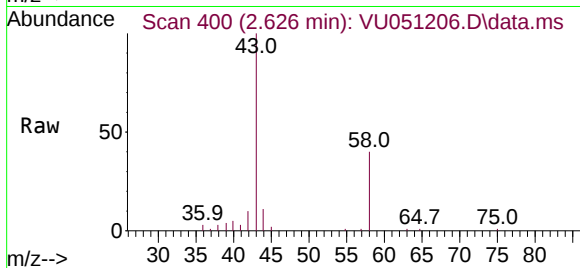
EW832

Tgt Ion: 43 Resp: 18577

Ion Ratio Lower Upper

43 100

58 36.8 0.0 73.6



#39

cis-1,3-Dichloropropene

Concen: 0.968 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.039 min

Lab File: VU051206.D

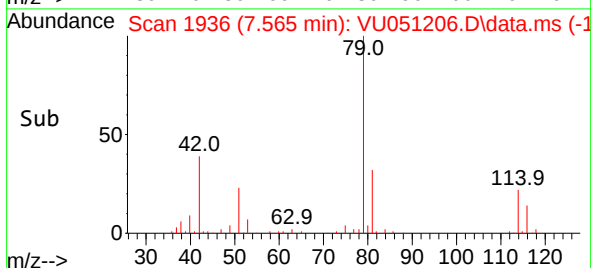
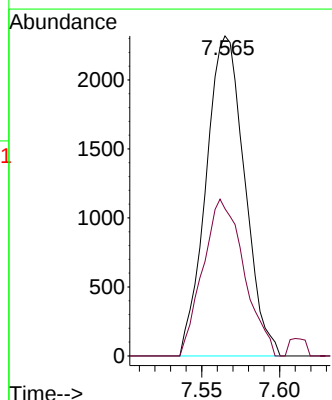
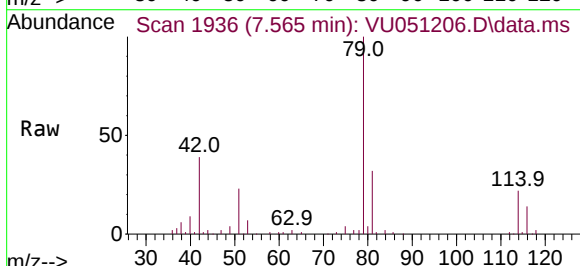
Acq: 07 Oct 2022 05:11

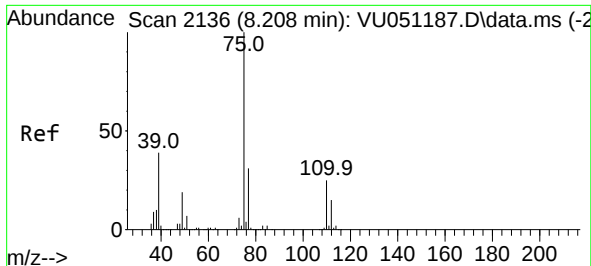
Tgt Ion: 75 Resp: 3980

Ion Ratio Lower Upper

75 100

77 46.0 22.0 41.0#

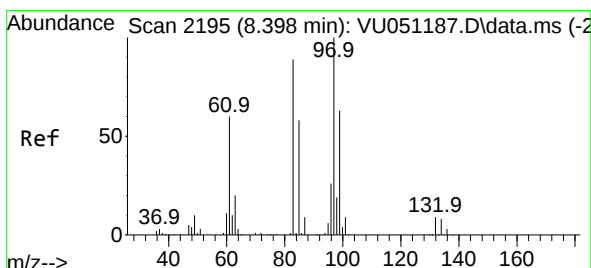
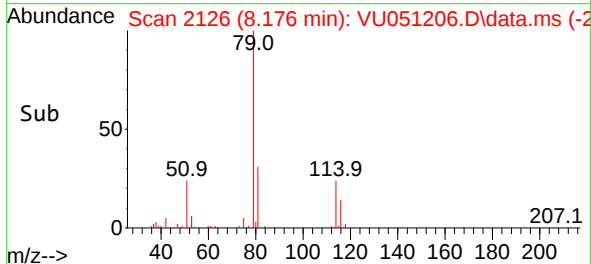
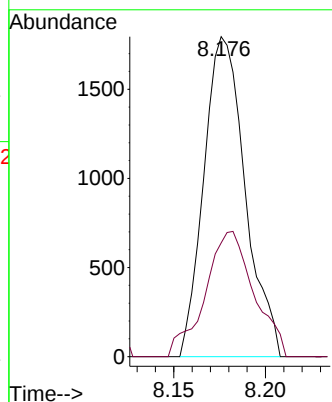
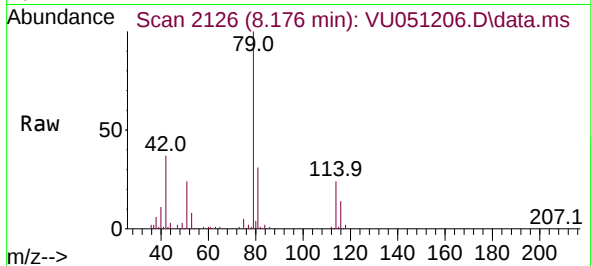




#44
trans-1,3-Dichloropropene
Concen: 0.676 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051206.D
Acq: 07 Oct 2022 05:11

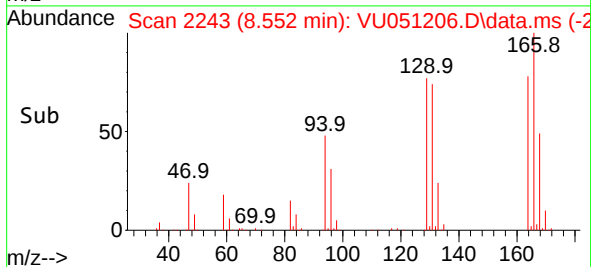
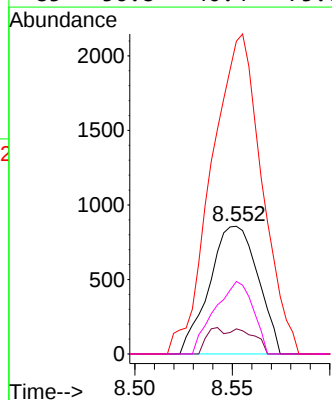
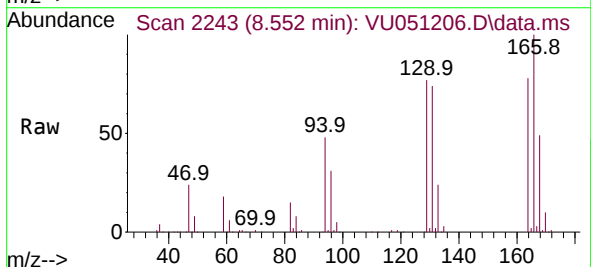
Instrument :
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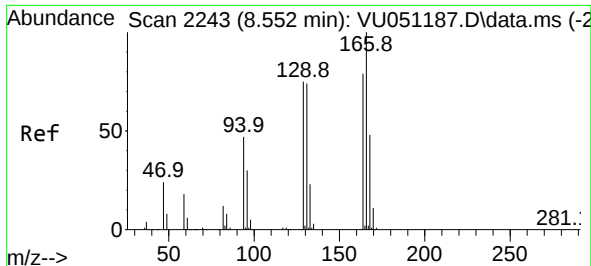
Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
77 35.5 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.472 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.154 min
Lab File: VU051206.D
Acq: 07 Oct 2022 05:11

Tgt Ion: 97 Resp: 1483
Ion Ratio Lower Upper
97 100
99 19.7 44.4 82.4#
83 244.8 61.7 114.5#
85 56.8 40.4 75.0





#46

Tetrachloroethene

Concen: 72.493 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051206.D

Acq: 07 Oct 2022 05:11

Instrument :

MSVOA_U

ClientSampleId :

EW832

Tgt Ion:164 Resp: 153389

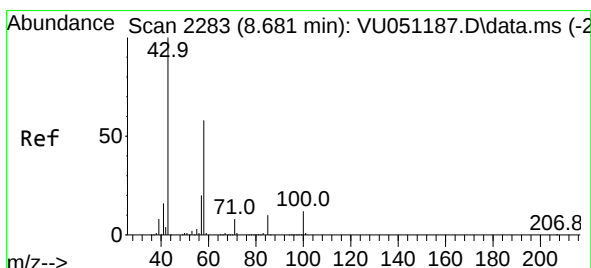
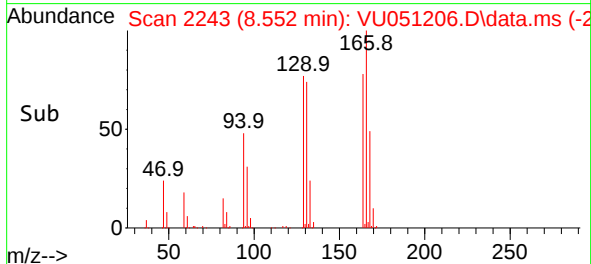
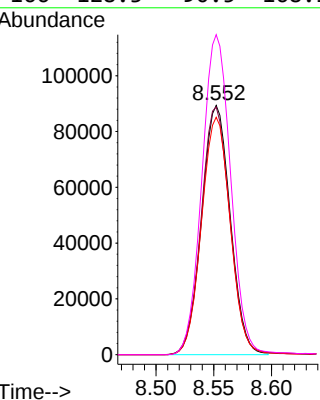
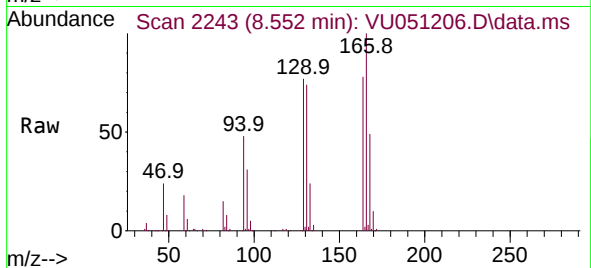
Ion Ratio Lower Upper

164 100

129 99.3 68.1 126.5

131 95.2 67.8 126.0

166 128.3 90.5 168.1



#48

2-Hexanone

Concen: 7.443 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.003 min

Lab File: VU051206.D

Acq: 07 Oct 2022 05:11

Tgt Ion: 43 Resp: 28419

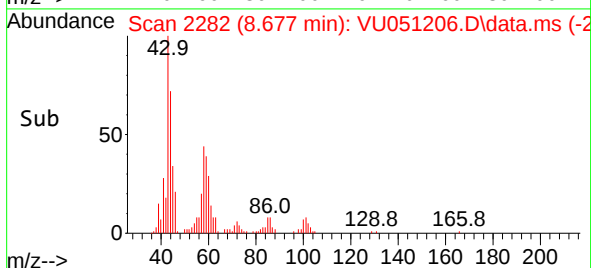
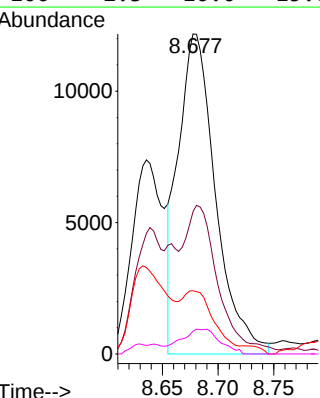
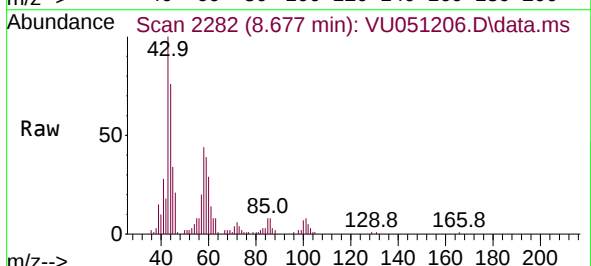
Ion Ratio Lower Upper

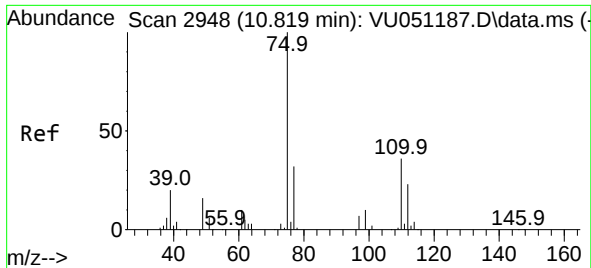
43 100

58 33.2 48.3 72.5#

57 0.0 15.9 23.9#

100 2.3 10.0 15.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.615 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051206.D
 Acq: 07 Oct 2022 05:11

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Tgt Ion: 75 Resp: 13996
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.1 39.1
 110 1.5 30.0 45.0#

