

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058830.D
 Acq On : 06 May 2024 13:25
 Operator : MD/SY
 Sample : P2392-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:10:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

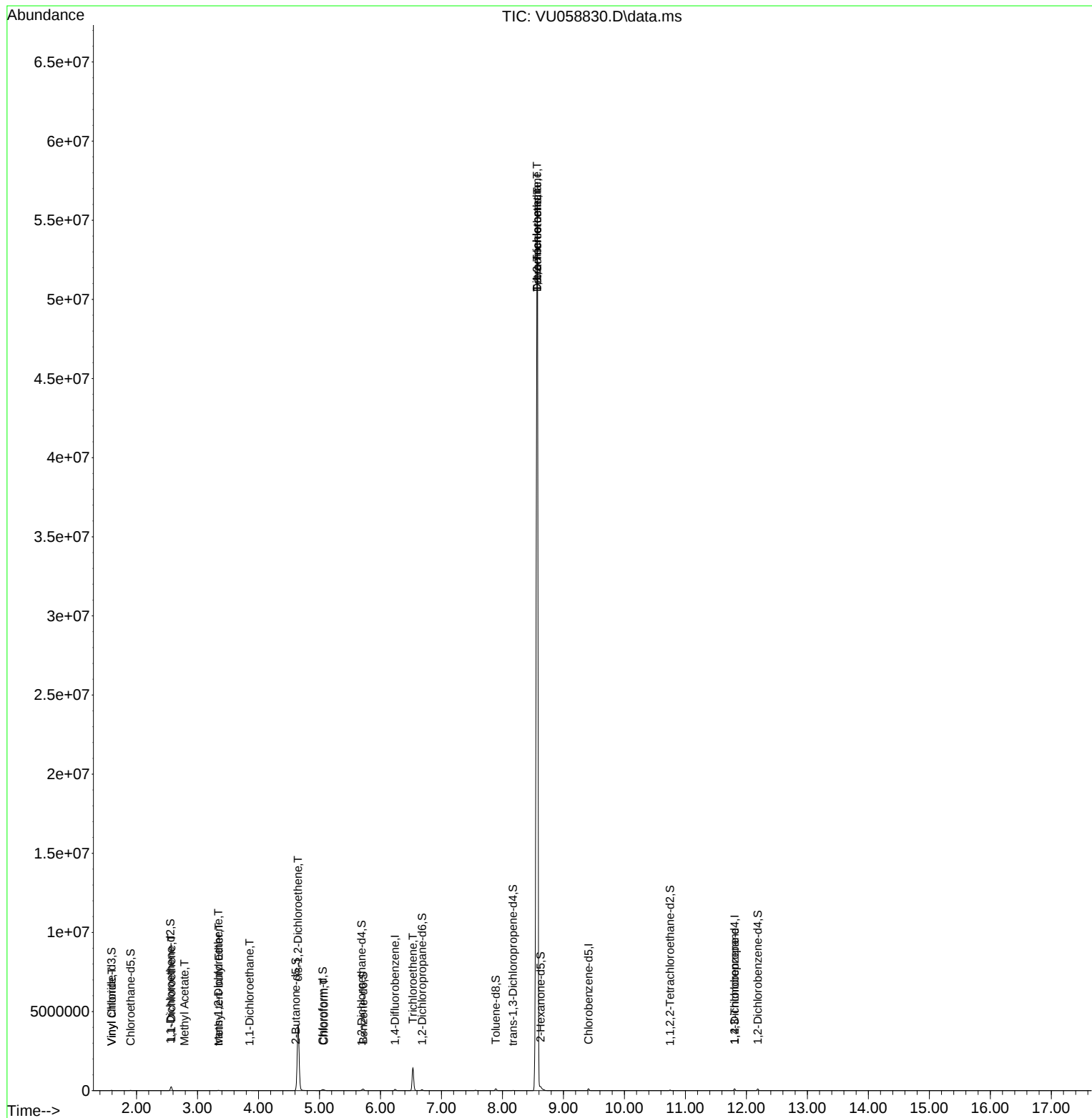
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	64812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16109	3.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.904	69	13526	3.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.557	65	10585	4.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.611	46	41001	45.776	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.560%
24) Chloroform-d	5.052	84	54032	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.692	65	26800	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.717	84	90004	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.682	67	25478	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.891	98	79409	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.174	79	10467	4.754	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	32183	49.332	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17694	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27256	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.595	62	2003	0.355	ug/L	83
12) 1,1-Dichloroethene	2.570	96	70620	14.962	ug/L #	76
15) Methyl Acetate	2.788	43	442	0.298	ug/L #	53
17) Methyl tert-butyl Ether	3.351	73	1158	0.108	ug/L #	63
18) trans-1,2-Dichloroethene	3.341	96	8408	1.779	ug/L	95
19) 1,1-Dichloroethane	3.856	63	14111	1.409	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	2038346	392.477	ug/L	96
25) Chloroform	5.074	83	33550	3.224	ug/L	94
34) Trichloroethene	6.531	95	479692	79.999	ug/L	98
45) 1,1,2-Trichloroethane	8.569	97	147111	44.417	ug/L #	33
47) Tetrachloroethene	8.573	164	14241465	3384.193	ug/L	95
49) Dibromochloromethane	8.569	129	14395094	3711.054	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3736	1.347	ug/L #	66

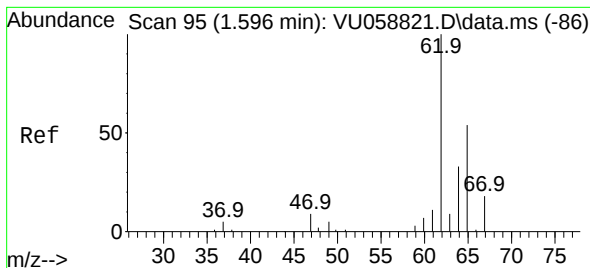
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.355 ug/L

RT: 1.595 min Scan# 95

Delta R.T. -0.000 min MSVOA_U

Lab File: VU058830.D

Acq: 06 May 2024 13:25

Instrument :

MSVOA_U

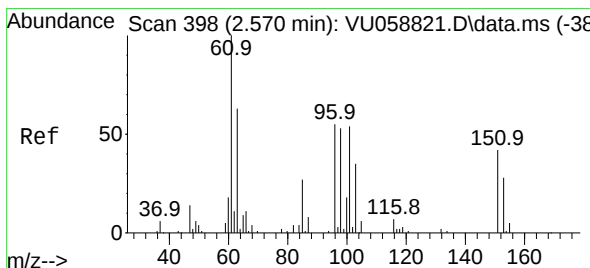
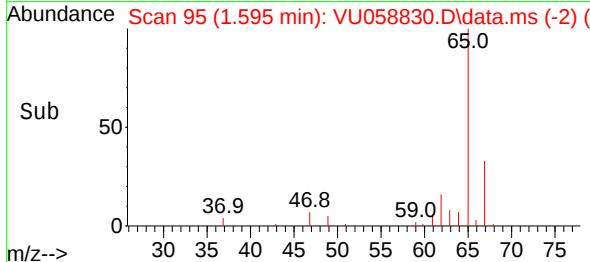
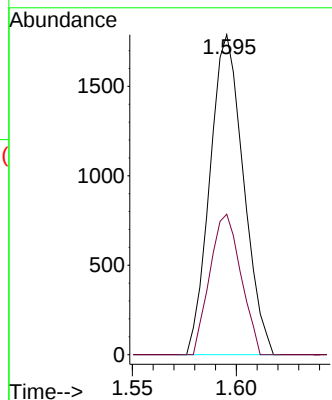
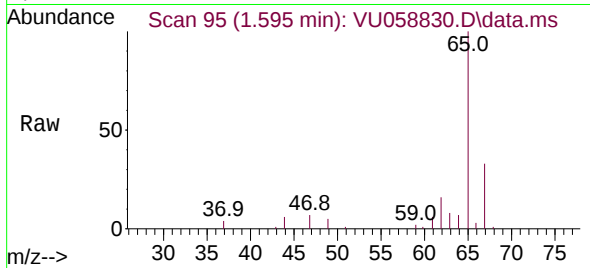
ClientSampleId :

Tgt Ion: 62 Resp: 2003

Ion Ratio Lower Upper

62 100

64 43.9 23.8 44.2



#12

1,1-Dichloroethene

Concen: 14.962 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU058830.D

Acq: 06 May 2024 13:25

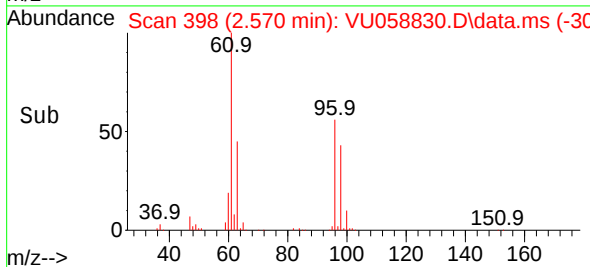
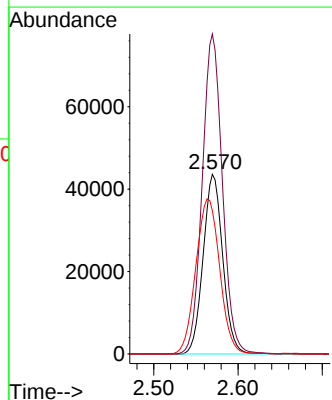
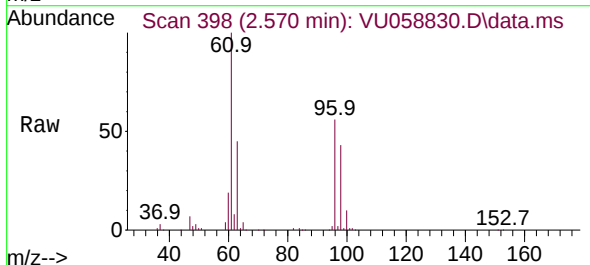
Tgt Ion: 96 Resp: 70620

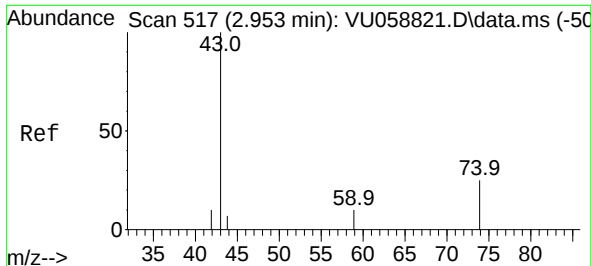
Ion Ratio Lower Upper

96 100

61 178.1 135.3 251.3

63 79.8 91.9 170.7#





#15

Methyl Acetate

Concen: 0.298 ug/L

RT: 2.788 min Scan# 41

Delta R.T. -0.164 min

Lab File: VU058830.D

Acq: 06 May 2024 13:25

Instrument :

MSVOA_U

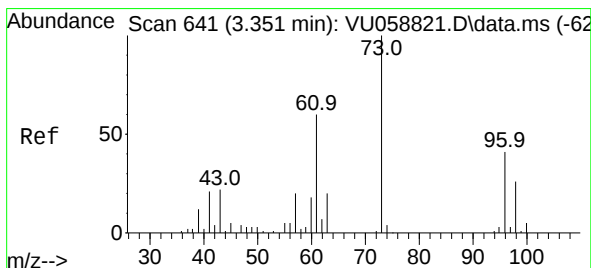
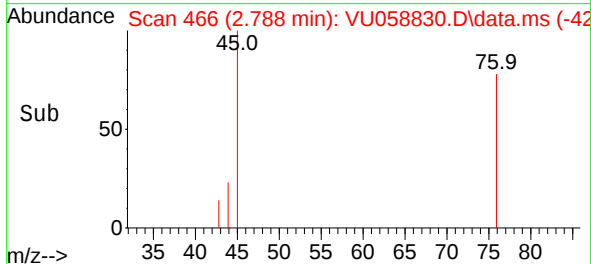
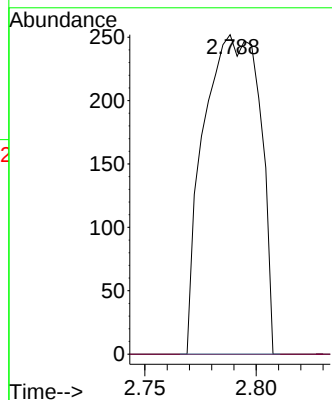
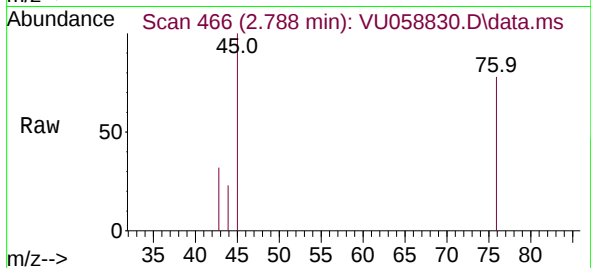
ClientSampleId :

Tgt Ion: 43 Resp: 442

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#



#17

Methyl tert-butyl Ether

Concen: 0.108 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU058830.D

Acq: 06 May 2024 13:25

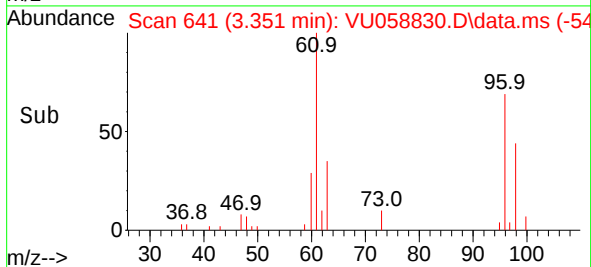
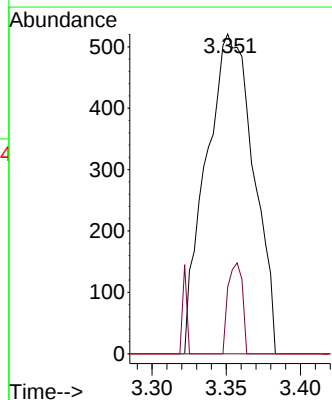
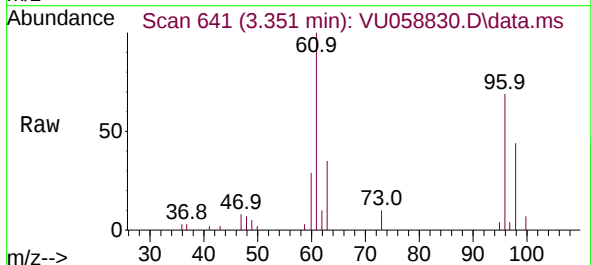
Tgt Ion: 73 Resp: 1158

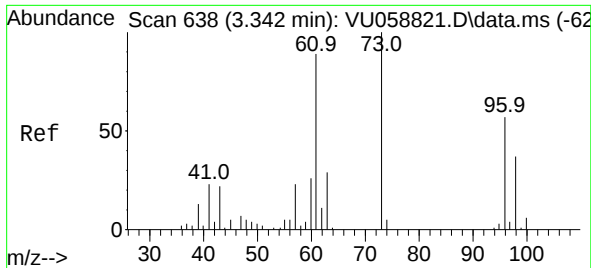
Ion Ratio Lower Upper

73 100

43 8.5 17.7 26.5#

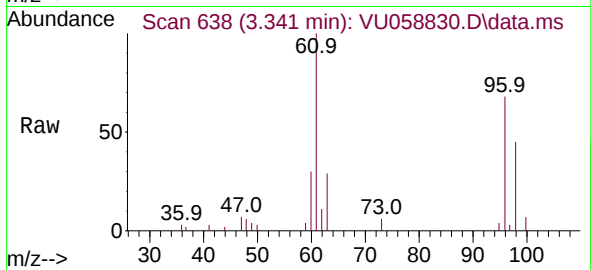
57 0.0 17.0 25.4#





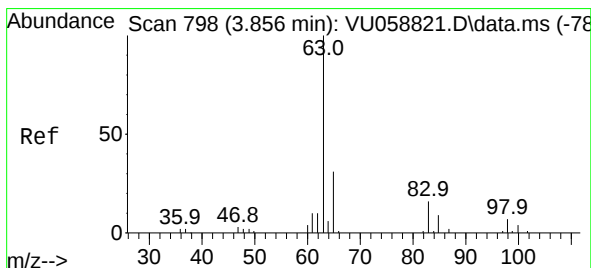
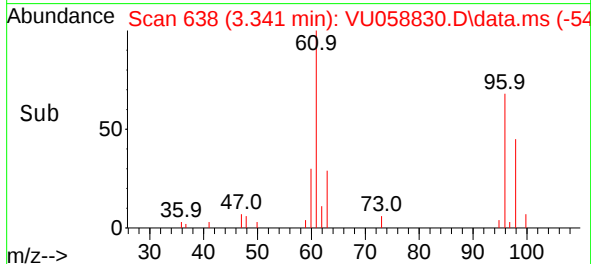
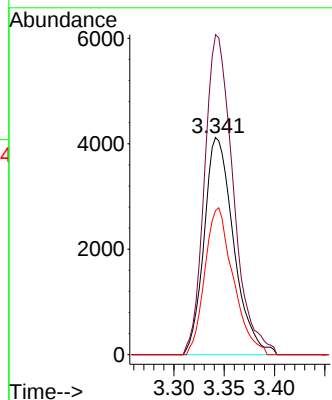
#18
trans-1,2-Dichloroethene
Concen: 1.779 ug/L
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU058830.D
Acq: 06 May 2024 13:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 8408

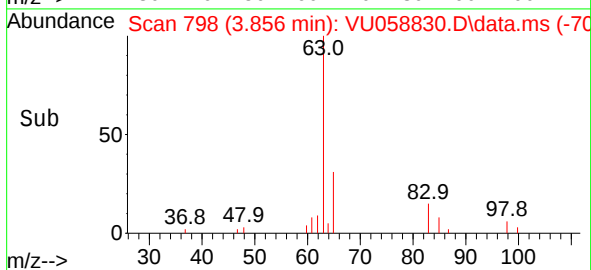
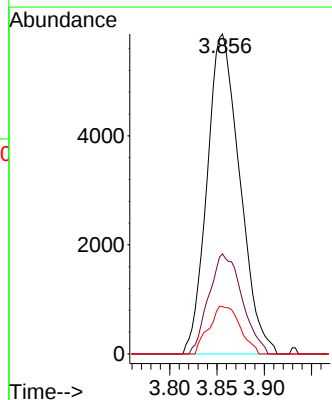
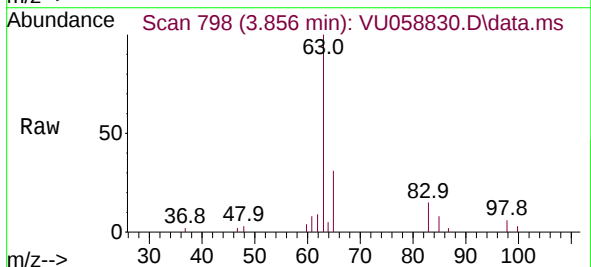
Ion	Ratio	Lower	Upper
96	100		
61	147.4	108.6	201.8
98	66.4	44.4	82.4

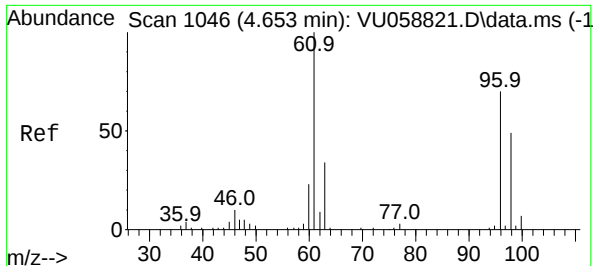


#19
1,1-Dichloroethane
Concen: 1.409 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058830.D
Acq: 06 May 2024 13:25

Tgt Ion: 63 Resp: 14111

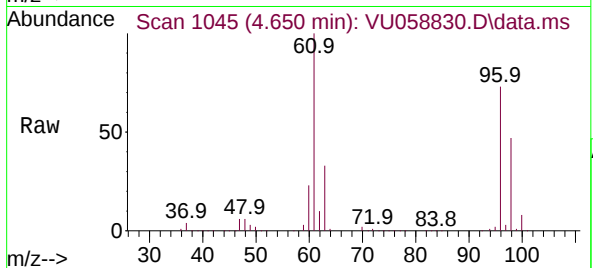
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.6	40.2
83	14.9	9.5	17.7





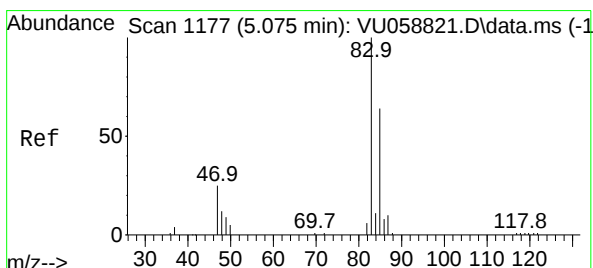
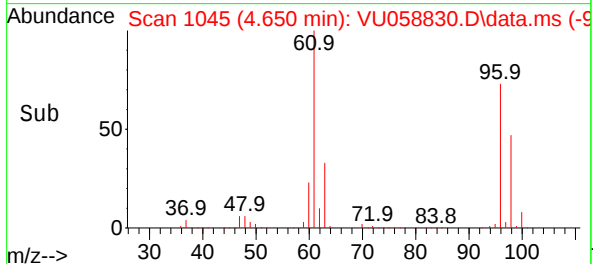
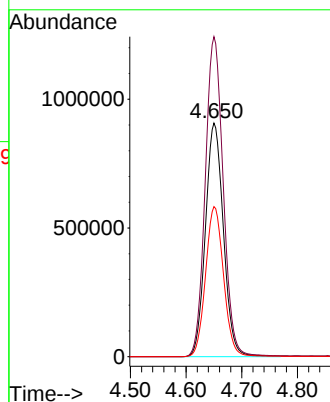
#22
cis-1,2-Dichloroethene
Concen: 392.477 ug/L
RT: 4.650 min Scan# 1104
Delta R.T. -0.004 min
Lab File: VU058830.D
Acq: 06 May 2024 13:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2038346

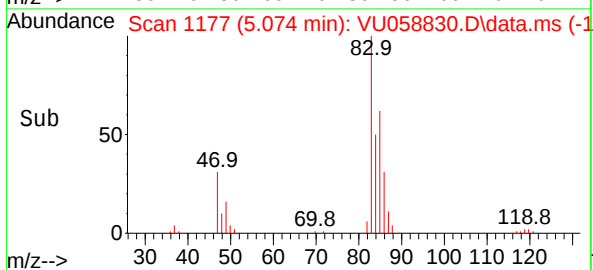
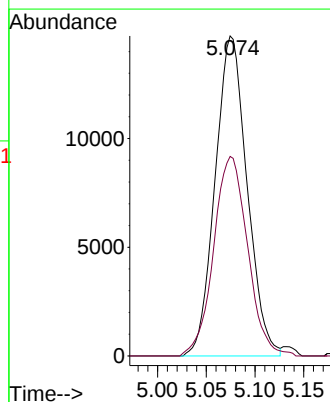
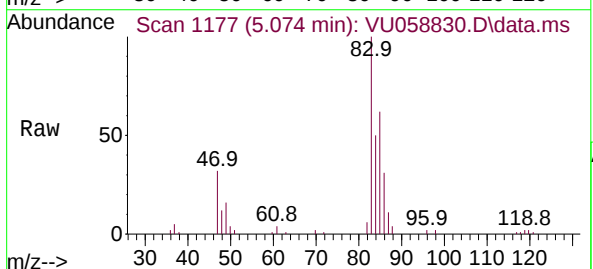
Ion	Ratio	Lower	Upper
96	100		
61	136.9	100.4	186.4
98	64.2	45.1	83.7

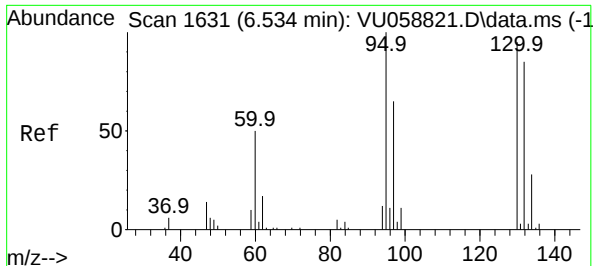


#25
Chloroform
Concen: 3.224 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU058830.D
Acq: 06 May 2024 13:25

Tgt Ion: 83 Resp: 33550

Ion	Ratio	Lower	Upper
83	100		
85	62.4	47.0	87.4





#34

Trichloroethene

Concen: 79.999 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU058830.D

Acq: 06 May 2024 13:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 479692

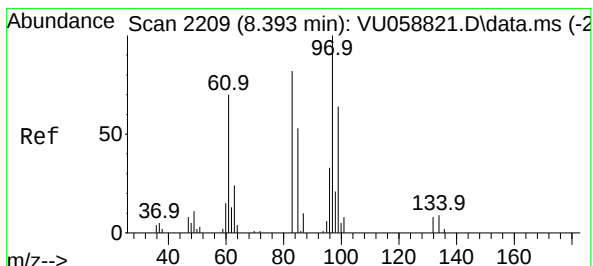
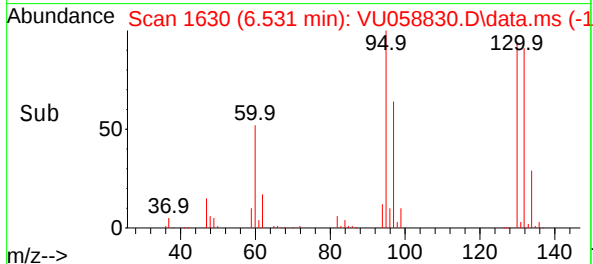
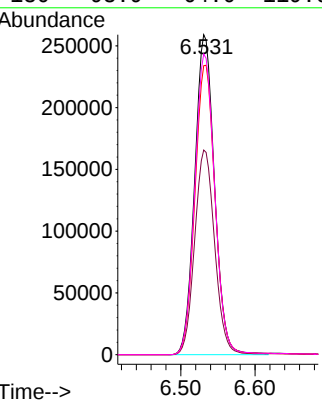
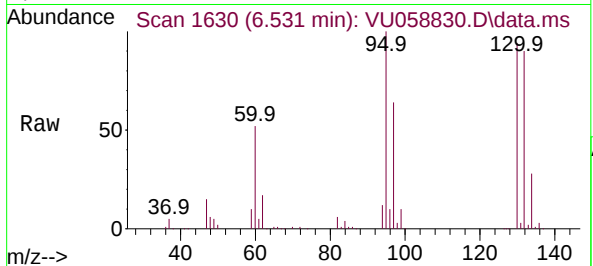
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 90.3 61.6 114.4

130 93.9 64.0 119.0



#45

1,1,2-Trichloroethane

Concen: 44.417 ug/L

RT: 8.569 min Scan# 2264

Delta R.T. 0.177 min

Lab File: VU058830.D

Acq: 06 May 2024 13:25

Tgt Ion: 97 Resp: 147111

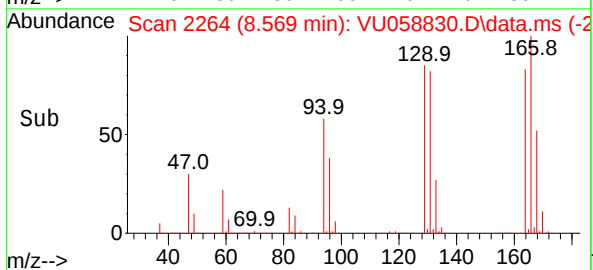
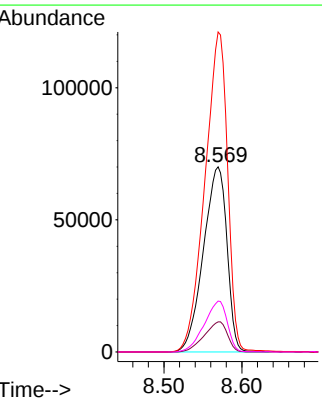
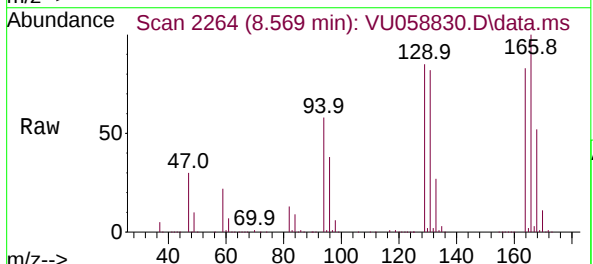
Ion Ratio Lower Upper

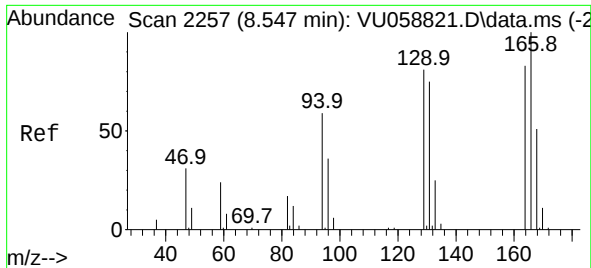
97 100

99 16.2 43.7 81.1#

83 172.9 62.9 116.9#

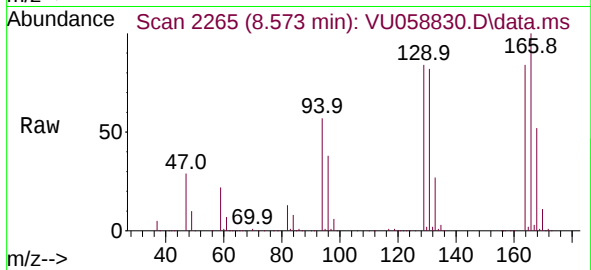
85 27.4 39.9 74.1#



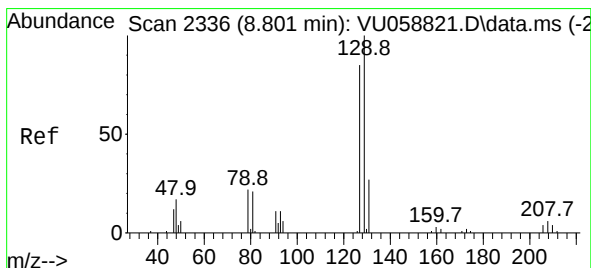
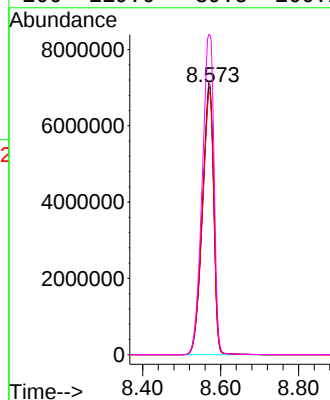
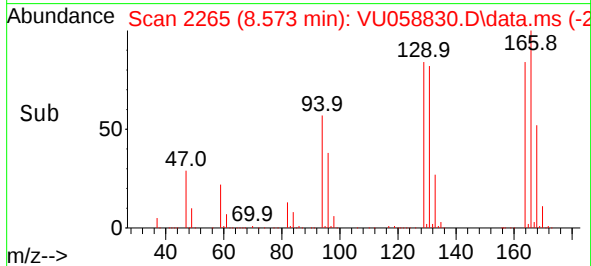


#47
Tetrachloroethene
Concen: 3384.193 ug/L
RT: 8.573 min Scan# 21
Delta R.T. 0.025 min
Lab File: VU058830.D
Acq: 06 May 2024 13:25

Instrument :
MSVOA_U
ClientSampleId :

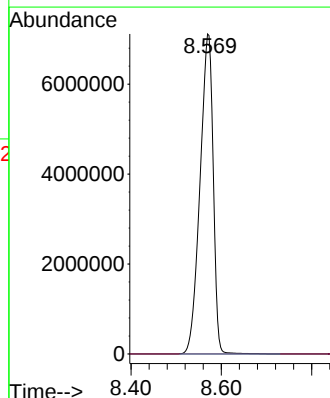
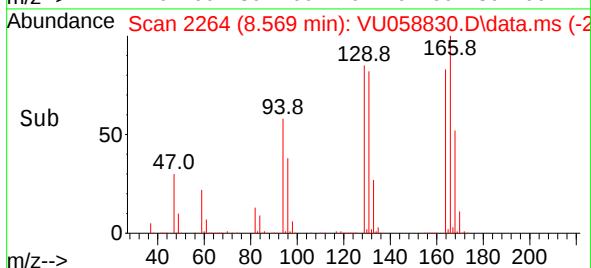
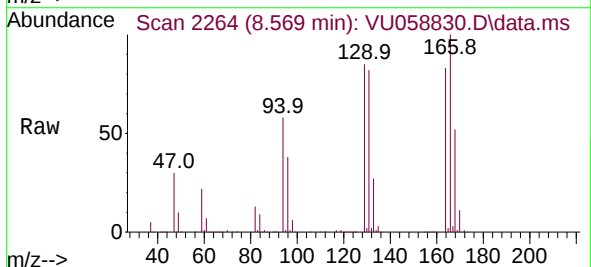


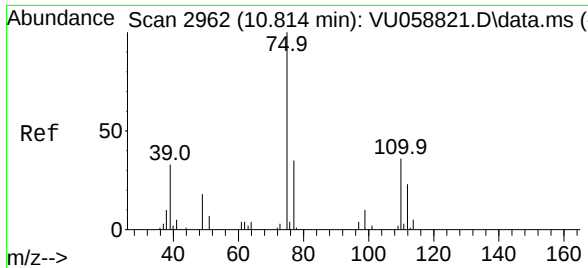
Tgt Ion:164 Resp:14241465
Ion Ratio Lower Upper
164 100
129 100.9 71.5 132.9
131 98.0 65.0 120.6
166 119.6 89.5 166.1



#49
Dibromochloromethane
Concen: 3711.054 ug/L
RT: 8.569 min Scan# 2264
Delta R.T. -0.232 min
Lab File: VU058830.D
Acq: 06 May 2024 13:25

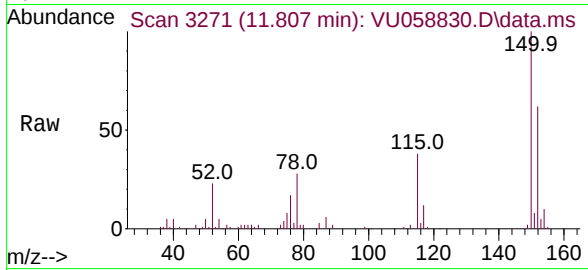
Tgt Ion:129 Resp:14395094
Ion Ratio Lower Upper
129 100
127 0.0 51.0 94.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.347 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU058830.D
 Acq: 06 May 2024 13:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3736
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 43.0#
 77 34.1 25.4 38.2

