

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059830.D
 Acq On : 04 Jul 2024 04:52
 Operator : MD/SY
 Sample : P3137-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 07:13:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

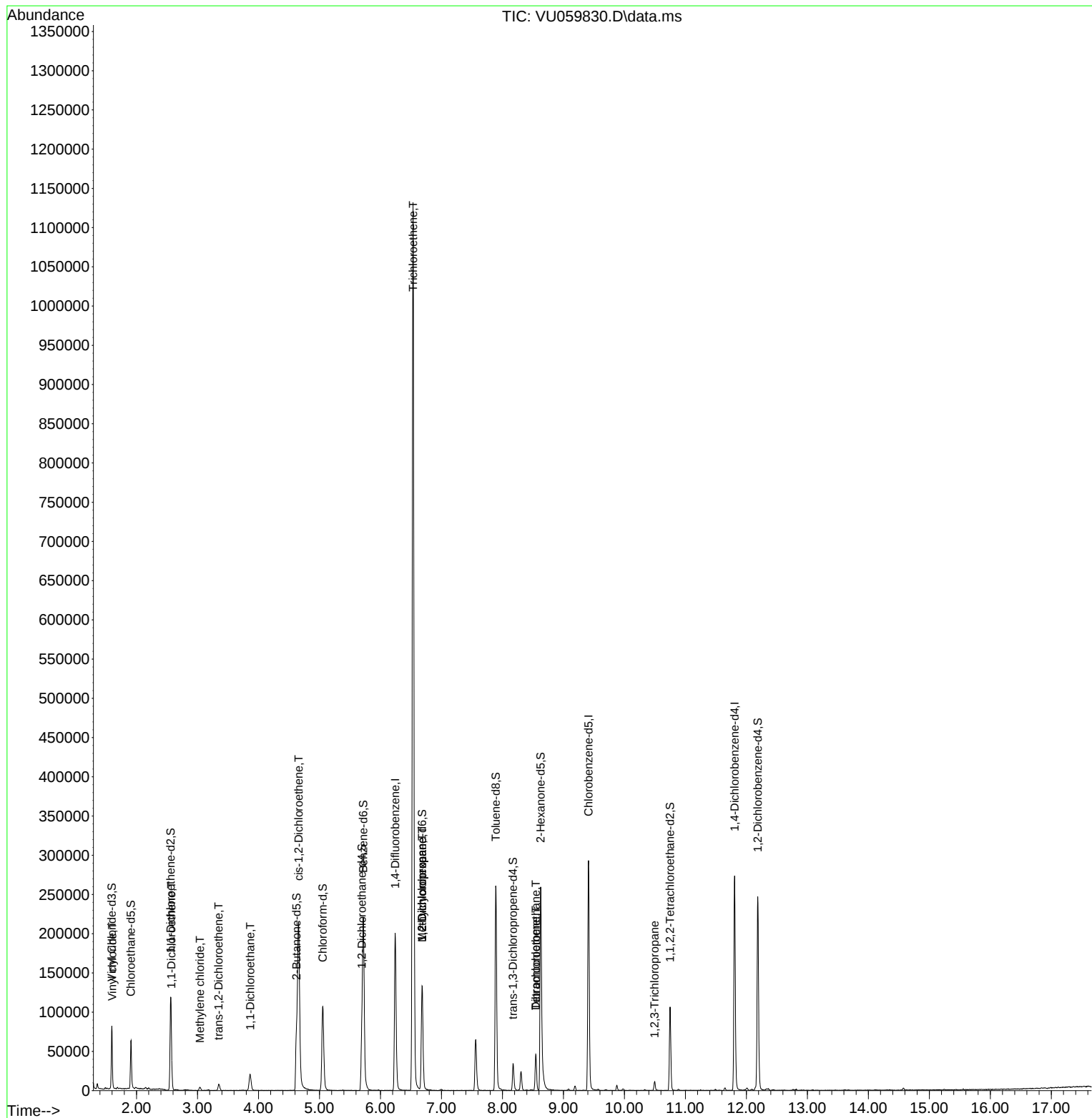
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173334	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	178081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52928	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	47612	4.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	20762	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.624	46	120952	48.718	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	5.055	84	104022	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.695	65	51637	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.717	84	215186	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	69002	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	187910	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	21444	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	97085	49.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56066	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	70952	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
5) Vinyl chloride	1.602	62	4983	0.285	ug/L	89
12) 1,1-Dichloroethene	2.573	96	5138	0.418	ug/L #	1
16) Methylene chloride	3.039	84	2117	0.145	ug/L	93
18) trans-1,2-Dichloroethene	3.348	96	3721	0.291	ug/L	88
19) 1,1-Dichloroethane	3.865	63	24828	1.053	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	111705	7.927	ug/L	93
34) Trichloroethene	6.534	95	398049	27.179	ug/L	98
35) Methylcyclohexane	6.685	83	16117	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6987	0.499	ug/L #	90
47) Tetrachloroethene	8.547	164	11341	0.998	ug/L	94
49) Dibromochloromethane	8.547	129	10166	0.890	ug/L #	12
61) 1,2,3-Trichloropropane	10.492	75	1213	0.162	ug/L #	56

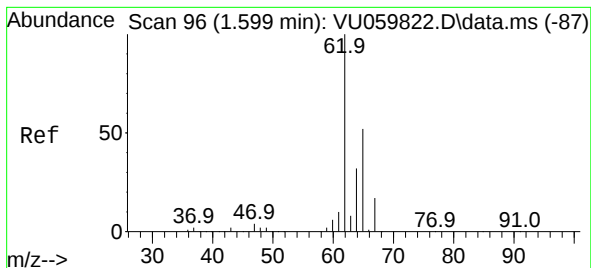
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.285 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

Instrument :

MSVOA_U

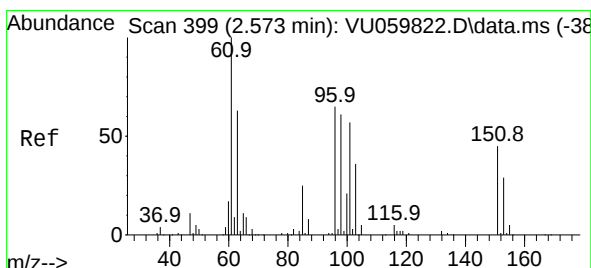
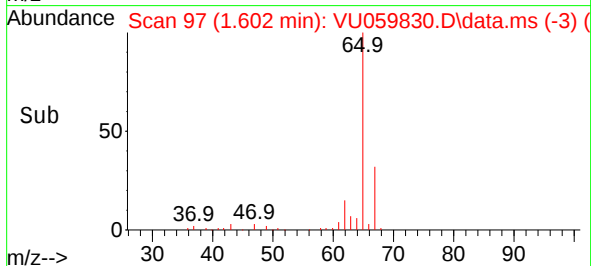
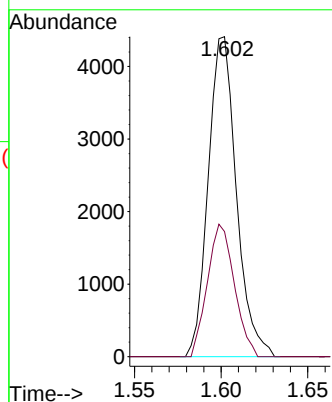
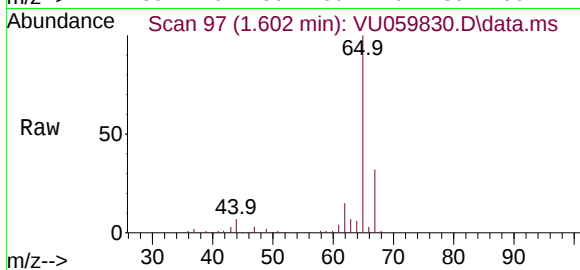
ClientSampleId :

Tgt Ion: 62 Resp: 4983

Ion Ratio Lower Upper

62 100

64 39.1 23.1 42.9



#12

1,1-Dichloroethene

Concen: 0.418 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

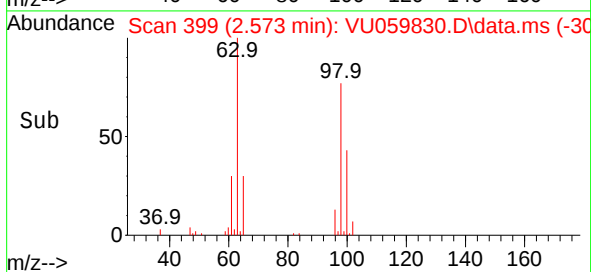
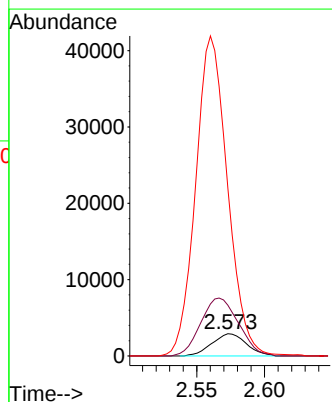
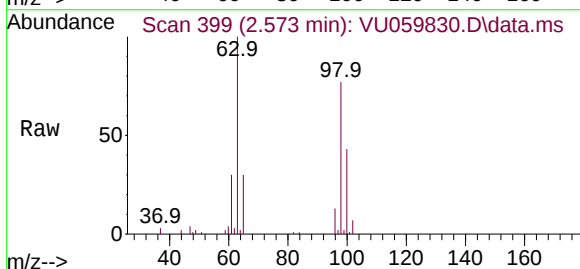
Tgt Ion: 96 Resp: 5138

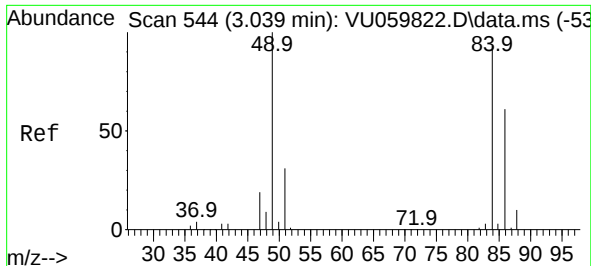
Ion Ratio Lower Upper

96 100

61 228.7 122.9 228.3#

63 754.6 80.4 149.4#





#16

Methylene chloride

Concen: 0.145 ug/L

RT: 3.039 min Scan# 54

Delta R.T. -0.000 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

Instrument :

MSVOA_U

ClientSampleId :

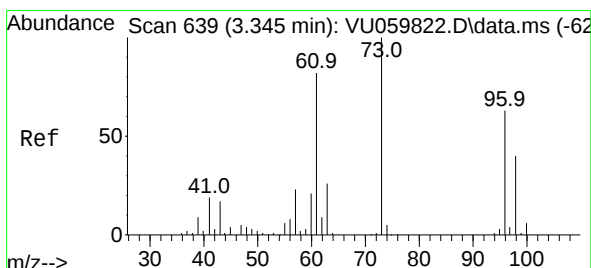
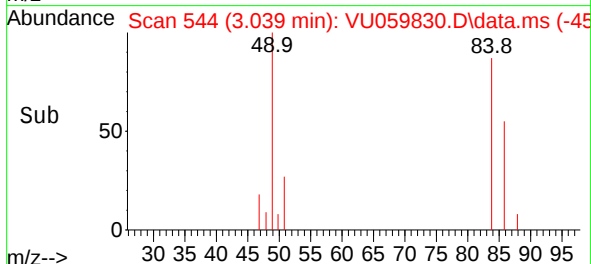
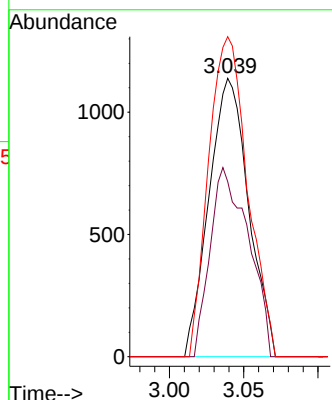
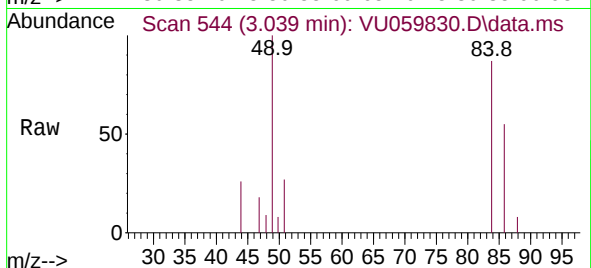
Tgt Ion: 84 Resp: 2117

Ion Ratio Lower Upper

84 100

86 62.9 42.1 78.1

49 124.4 80.6 149.8



#18

trans-1,2-Dichloroethene

Concen: 0.291 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

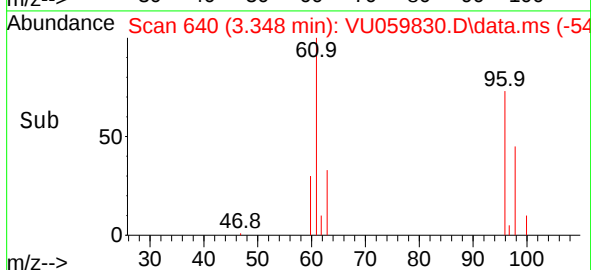
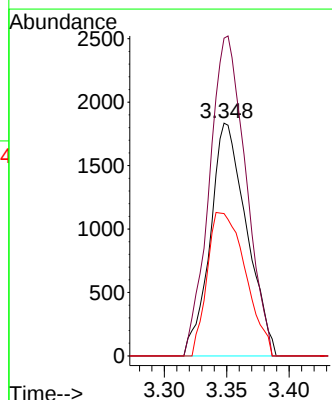
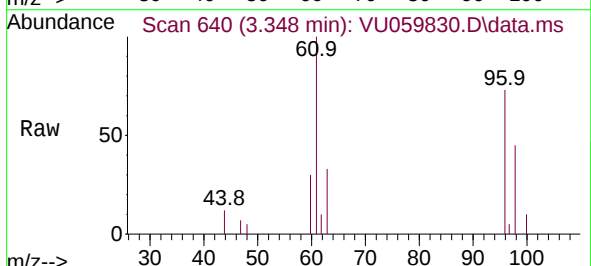
Tgt Ion: 96 Resp: 3721

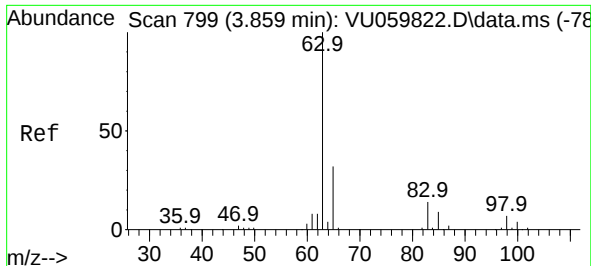
Ion Ratio Lower Upper

96 100

61 128.0 101.8 189.0

98 57.4 43.3 80.5





#19

1,1-Dichloroethane

Concen: 1.053 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

Instrument :

MSVOA_U

ClientSampleId :

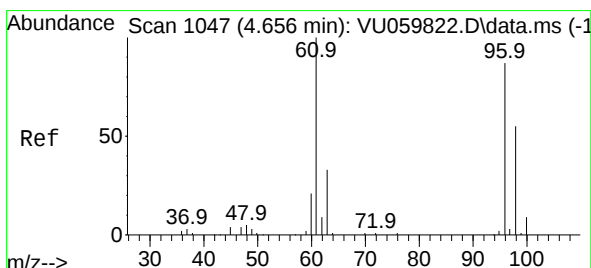
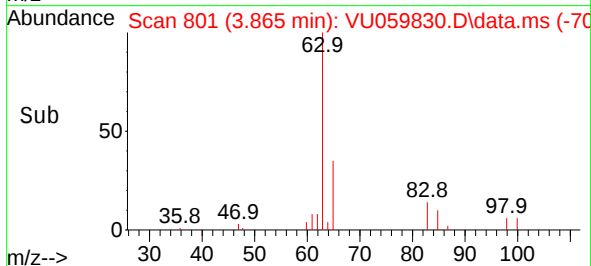
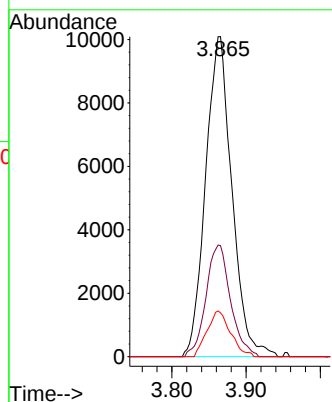
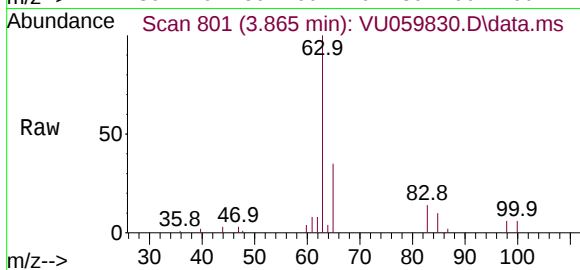
Tgt Ion: 63 Resp: 24828

Ion Ratio Lower Upper

63 100

65 34.7 21.8 40.6

83 13.7 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 7.927 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

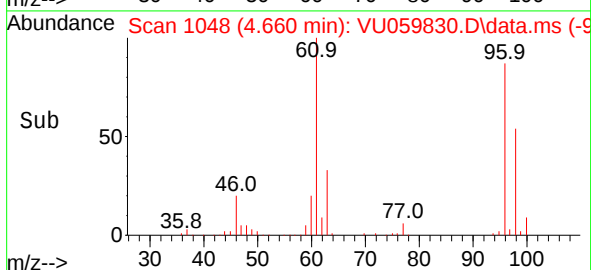
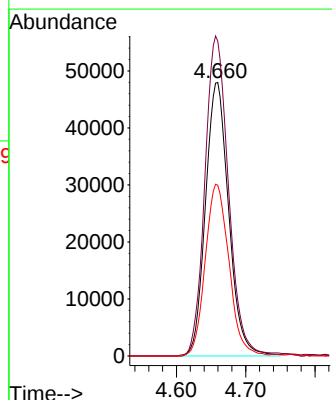
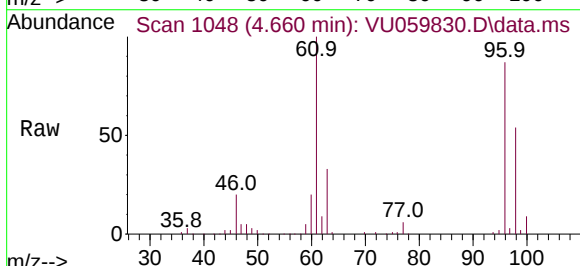
Tgt Ion: 96 Resp: 111705

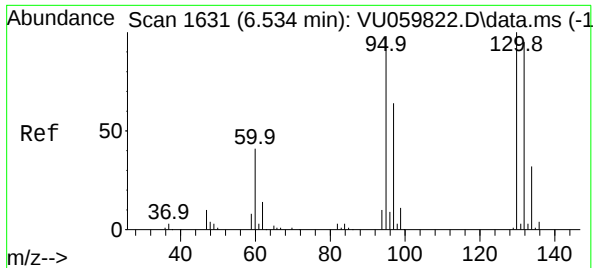
Ion Ratio Lower Upper

96 100

61 115.1 87.4 162.2

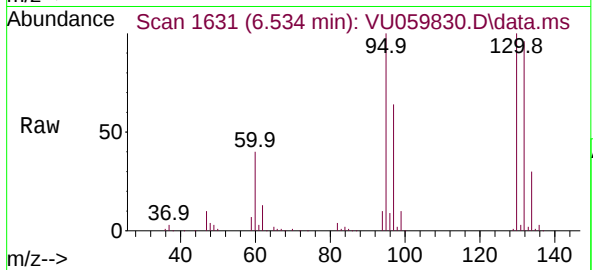
98 62.4 42.3 78.5



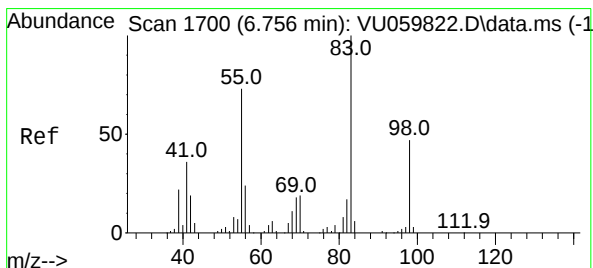
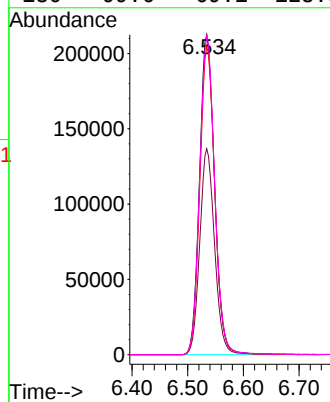
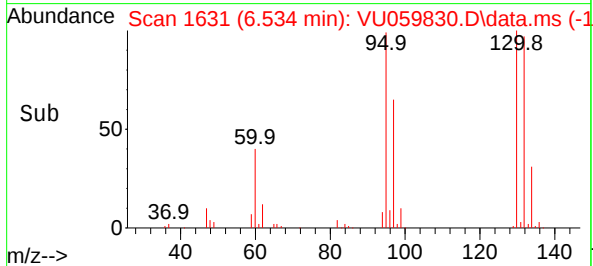


#34
Trichloroethene
Concen: 27.179 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059830.D
Acq: 04 Jul 2024 04:52

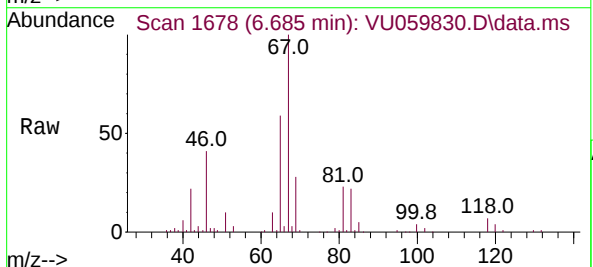
Instrument :
MSVOA_U
ClientSampleId :



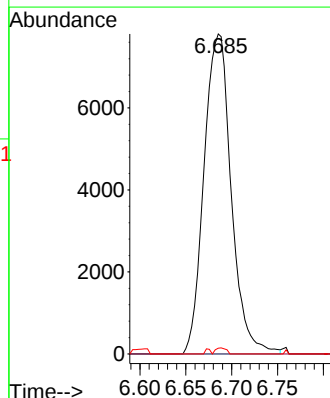
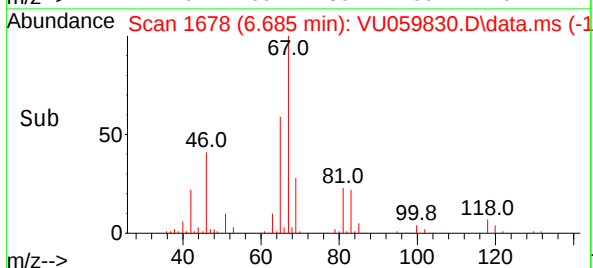
Tgt Ion: 95 Resp: 398049
Ion Ratio Lower Upper
95 100
97 64.3 45.3 84.1
132 96.3 64.0 119.0
130 99.6 69.1 128.3

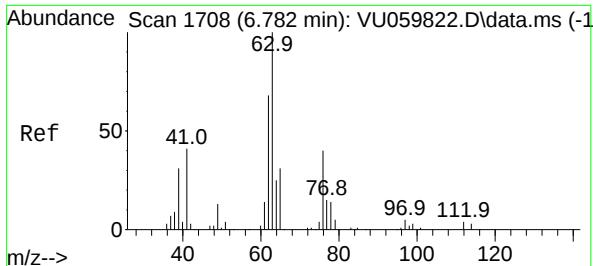


#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059830.D
Acq: 04 Jul 2024 04:52



Tgt Ion: 83 Resp: 16117
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 35.4 53.0#

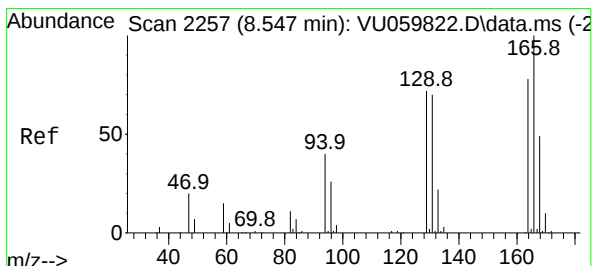
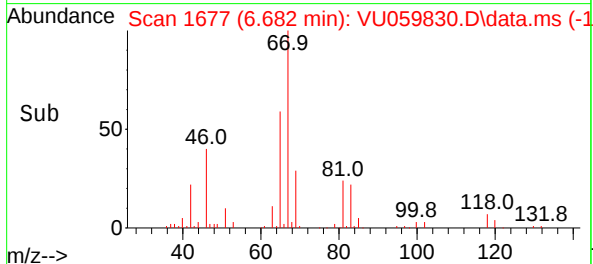
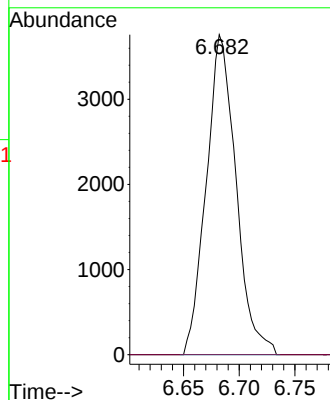
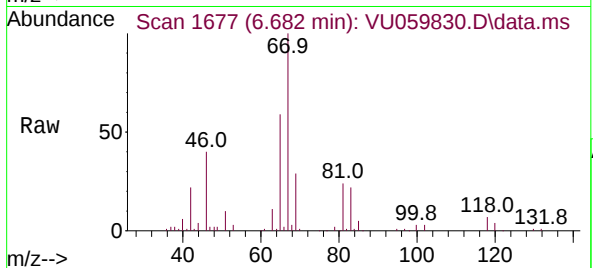




#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059830.D
Acq: 04 Jul 2024 04:52

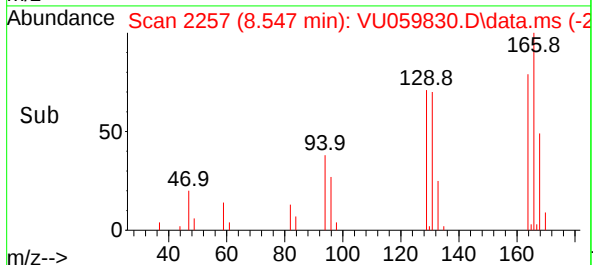
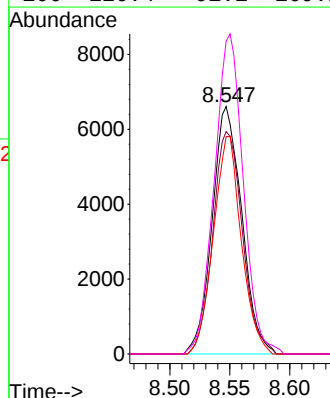
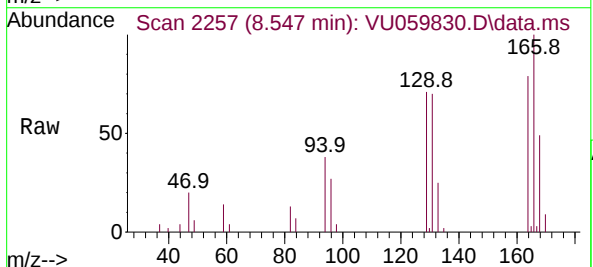
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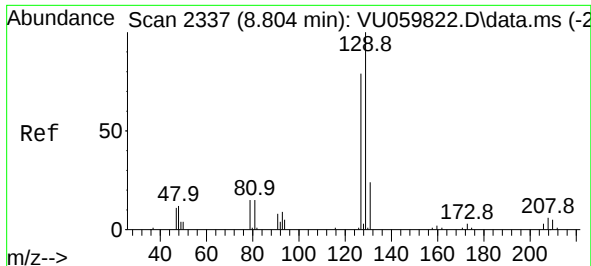
Tgt Ion: 63 Resp: 6987
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 0.998 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059830.D
Acq: 04 Jul 2024 04:52

Tgt Ion: 164 Resp: 11341
Ion Ratio Lower Upper
164 100
129 89.8 70.8 131.4
131 87.8 64.8 120.3
166 126.4 91.1 169.1





#49

Dibromochloromethane

Concen: 0.890 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

Instrument :

MSVOA_U

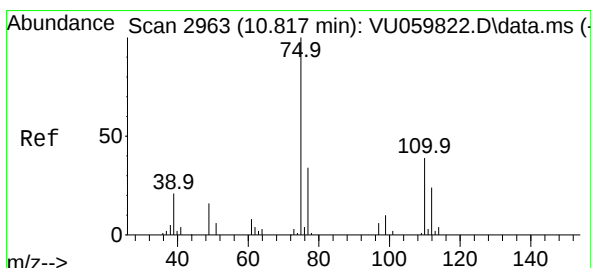
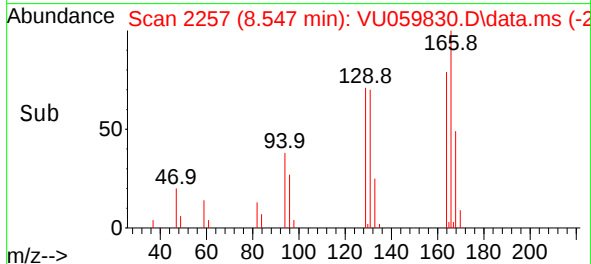
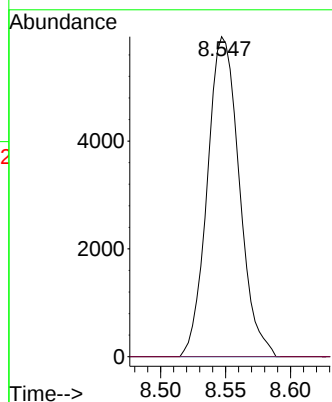
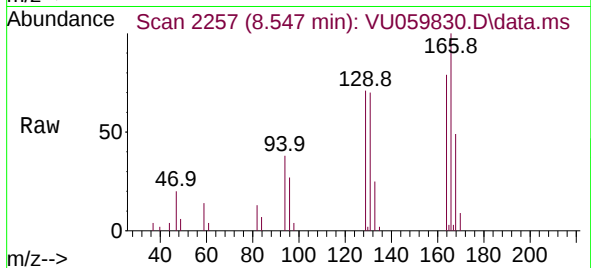
ClientSampleId :

Tgt Ion:129 Resp: 10166

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 0.162 ug/L

RT: 10.492 min Scan# 2862

Delta R.T. -0.325 min

Lab File: VU059830.D

Acq: 04 Jul 2024 04:52

Tgt Ion: 75 Resp: 1213

Ion Ratio Lower Upper

75 100

110 0.0 27.1 40.7#

77 16.5 25.4 38.2#

