

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055372.D
 Acq On : 18 Sep 2023 14:18
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:15:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

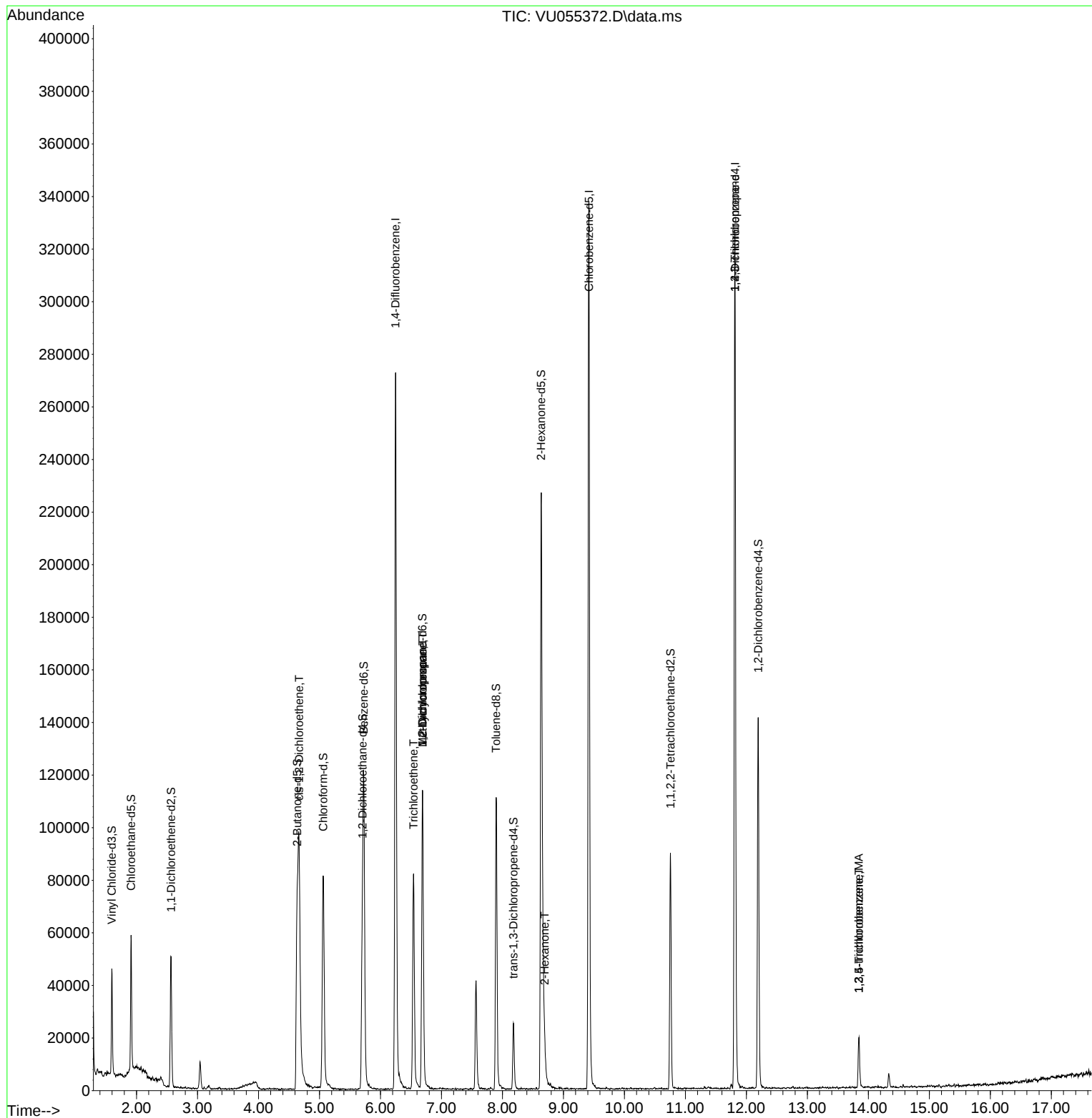
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	217887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	186302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	83142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27446	2.192	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	43.800%	
7) Chloroethane-d5	1.910	69	34612	2.449	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	49.000%#	
11) 1,1-Dichloroethene-d2	2.566	65	9692	2.140	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	42.800%#	
20) 2-Butanone-d5	4.634	46	135225	39.048	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.100%	
24) Chloroform-d	5.061	84	74014	2.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	53.000%#	
26) 1,2-Dichloroethane-d4	5.705	65	41563	2.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	58.800%#	
32) Benzene-d6	5.727	84	110013	2.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	56.400%#	
36) 1,2-Dichloropropane-d6	6.688	67	55428	4.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.897	98	76170	2.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	45.200%#	
43) trans-1,3-Dichloroprop...	8.180	79	13857	2.935	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	58.600%	
46) 2-Hexanone-d5	8.634	63	71514	41.629	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.260%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	43934	3.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	36465	3.406	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	68.200%#	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	32032	1.624	ug/L	95
34) Trichloroethene	6.544	95	28023	1.597	ug/L	94
35) Methylcyclohexane	6.692	83	13236	0.519	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	6280	0.388	ug/L #	92
48) 2-Hexanone	8.692	43	11443	1.976	ug/L #	72
61) 1,2,3-Trichloropropane	11.810	75	12487	1.551	ug/L #	65
69) 1,3,5-Trichlorobenzene	13.846	180	6052	0.318	ug/L	91
70) 1,2,4-trichlorobenzene	13.846	180	6052	0.414	ug/L	88

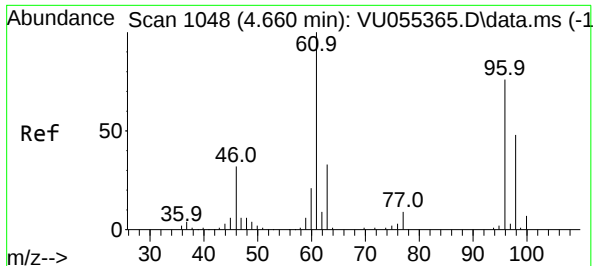
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 19 01:12:51 2023
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 1.624 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU055372.D

Acq: 18 Sep 2023 14:18

Instrument :

MSVOA_U

ClientSampleId :

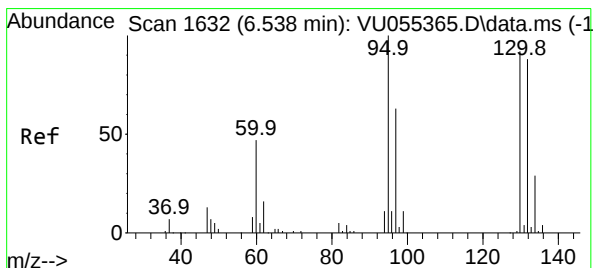
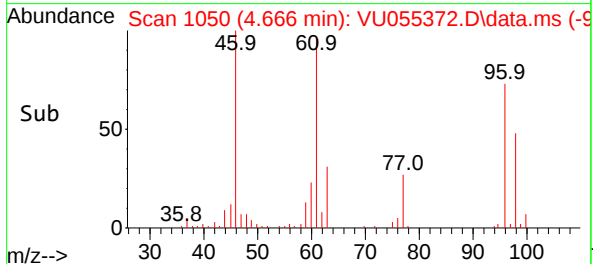
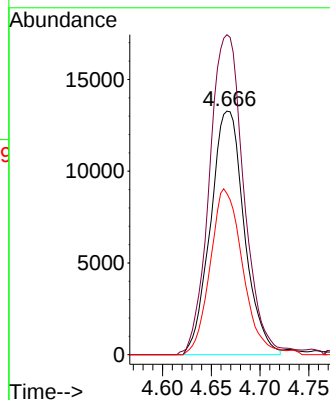
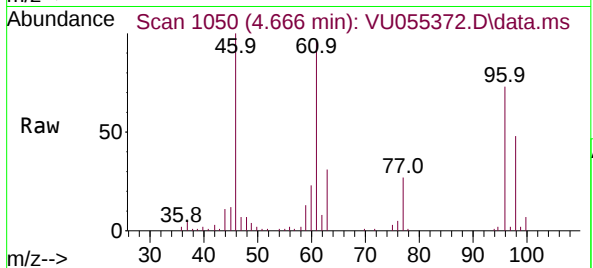
Tgt Ion: 96 Resp: 32032

Ion Ratio Lower Upper

96 100

61 131.4 88.1 163.7

98 66.2 43.5 80.7



#34

Trichloroethene

Concen: 1.597 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.006 min

Lab File: VU055372.D

Acq: 18 Sep 2023 14:18

Tgt Ion: 95 Resp: 28023

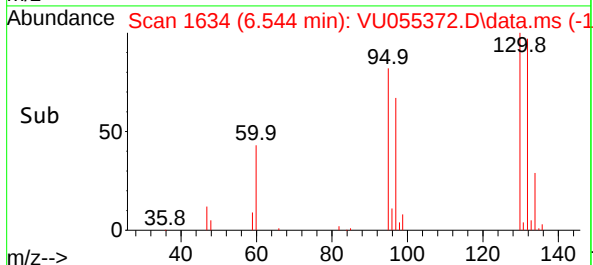
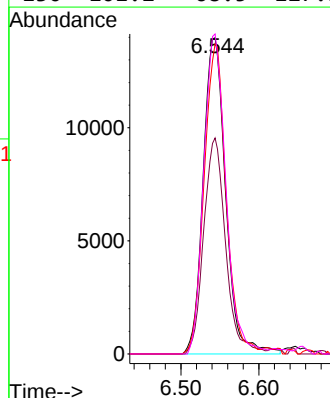
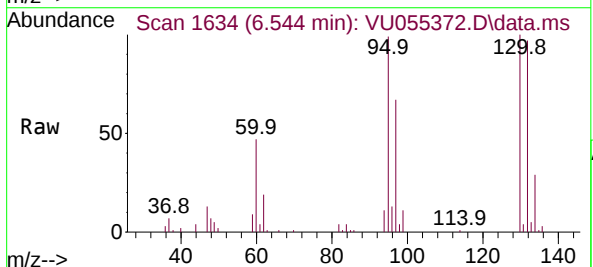
Ion Ratio Lower Upper

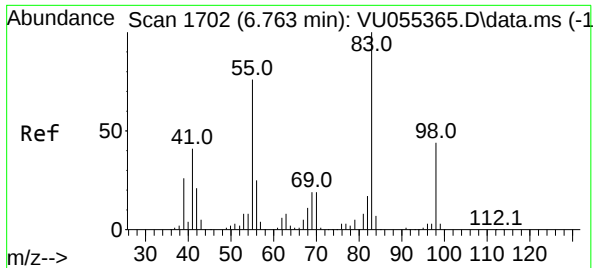
95 100

97 68.3 47.4 88.0

132 98.1 60.5 112.3

130 101.2 68.5 127.1

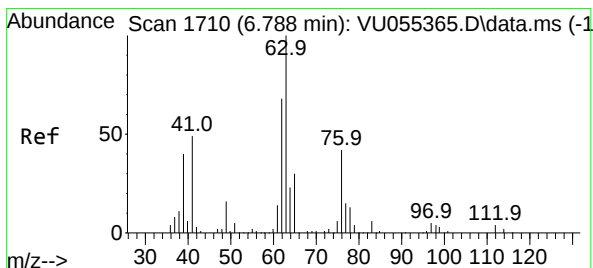
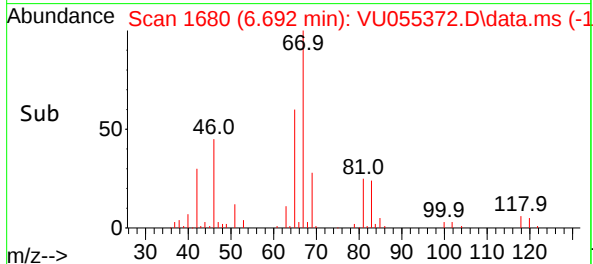
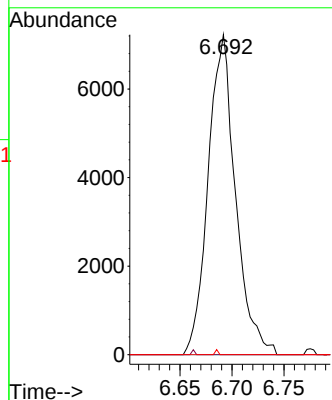
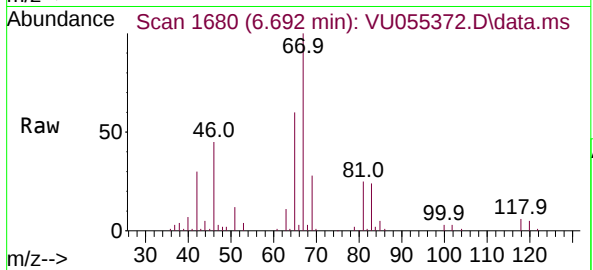




#35
Methylcyclohexane
Concen: 0.519 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU055372.D
Acq: 18 Sep 2023 14:18

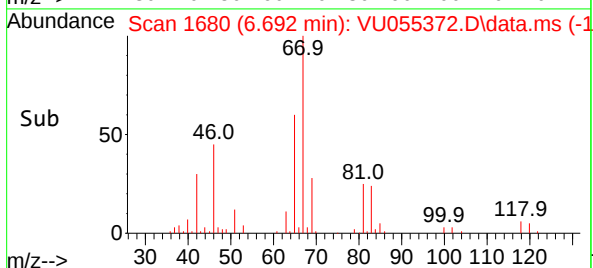
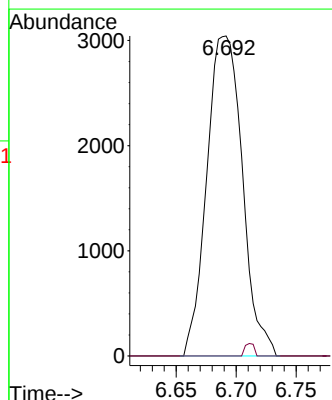
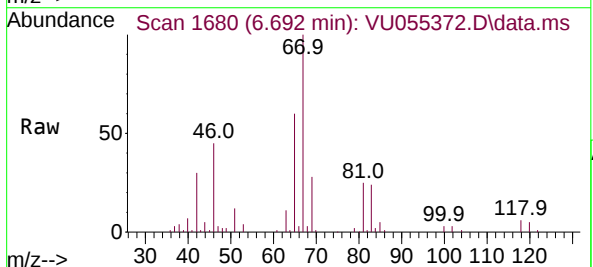
Instrument :
MSVOA_U
ClientSampleId :

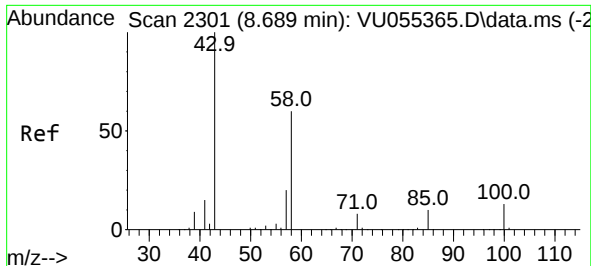
Tgt Ion: 83 Resp: 13236
Ion Ratio Lower Upper
83 100
55 0.2 58.7 88.1#
98 0.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.388 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.097 min
Lab File: VU055372.D
Acq: 18 Sep 2023 14:18

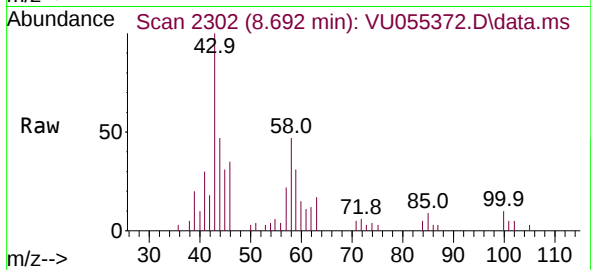
Tgt Ion: 63 Resp: 6280
Ion Ratio Lower Upper
63 100
112 1.0 3.0 4.4#





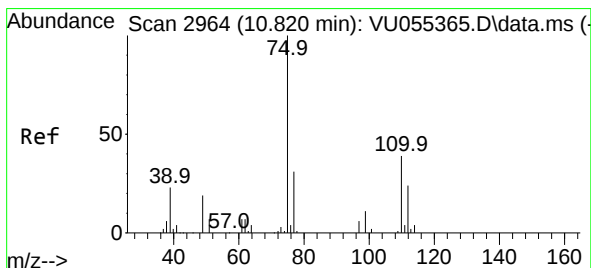
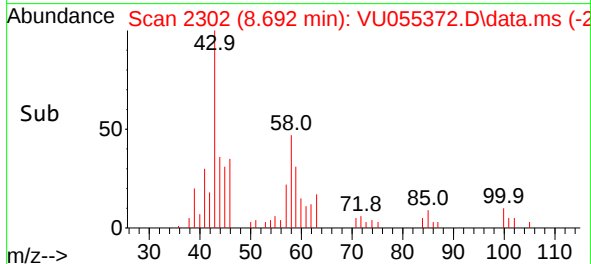
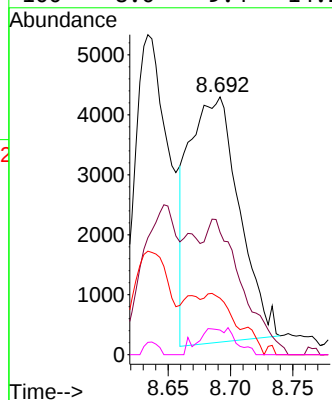
#48
2-Hexanone
Concen: 1.976 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055372.D
Acq: 18 Sep 2023 14:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 11443

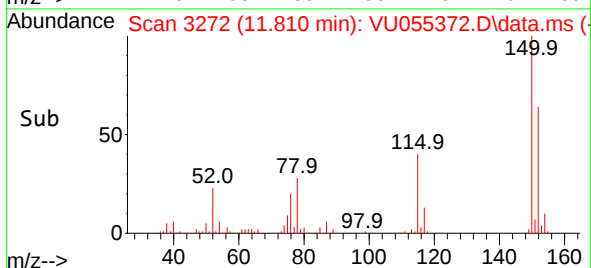
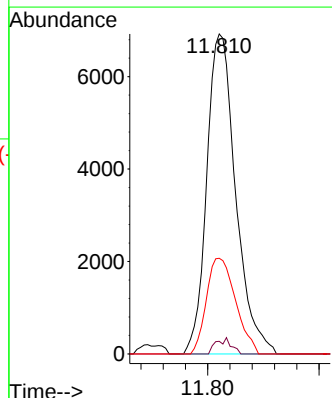
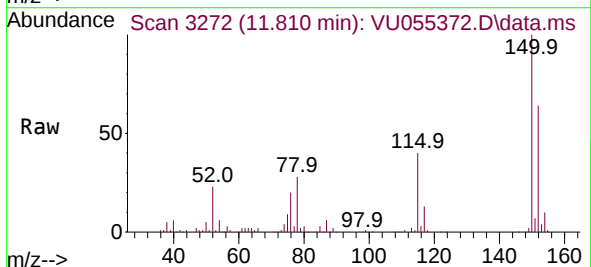
Ion	Ratio	Lower	Upper
43	100		
58	38.0	47.8	71.6#
57	1.6	15.4	23.2#
100	8.0	9.4	14.2#

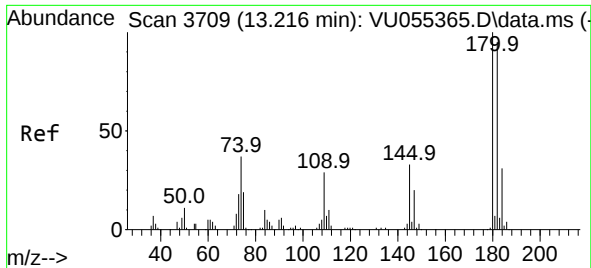


#61
1,2,3-Trichloropropane
Concen: 1.551 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055372.D
Acq: 18 Sep 2023 14:18

Tgt Ion: 75 Resp: 12487

Ion	Ratio	Lower	Upper
75	100		
110	2.6	31.4	47.2#
77	30.1	26.0	39.0

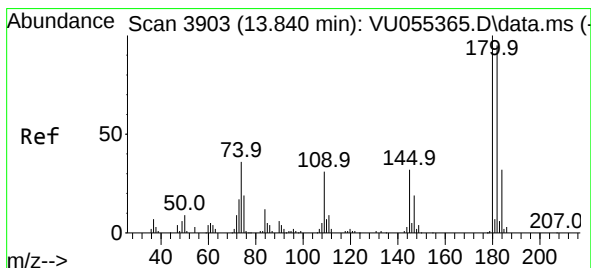
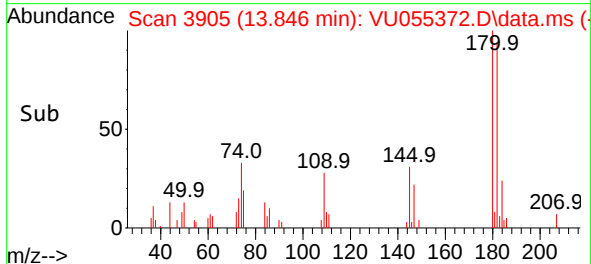
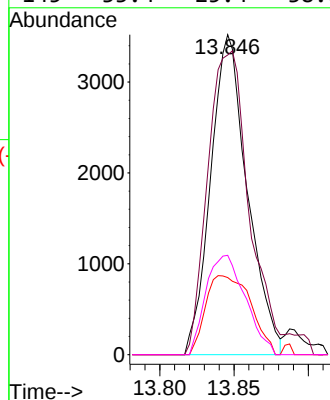
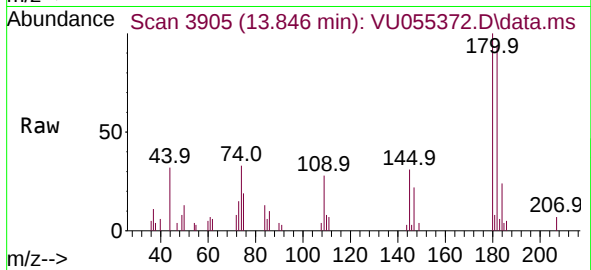




#69
 1,3,5-Trichlorobenzene
 Concen: 0.318 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.630 min
 Lab File: VU055372.D
 Acq: 18 Sep 2023 14:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	180	Resp:	6052
Ion Ratio	Lower	Upper	
180	100		
182	110.2	77.4	116.2
184	30.3	24.5	36.7
145	33.4	25.4	38.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.414 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: VU055372.D
 Acq: 18 Sep 2023 14:18

Tgt Ion:	180	Resp:	6052
Ion Ratio	Lower	Upper	
180	100		
182	110.2	76.3	114.5
145	33.4	25.8	38.8

