

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055322.D
 Acq On : 14 Sep 2023 22:57
 Operator : MD/SY
 Sample : 04380-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 06:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

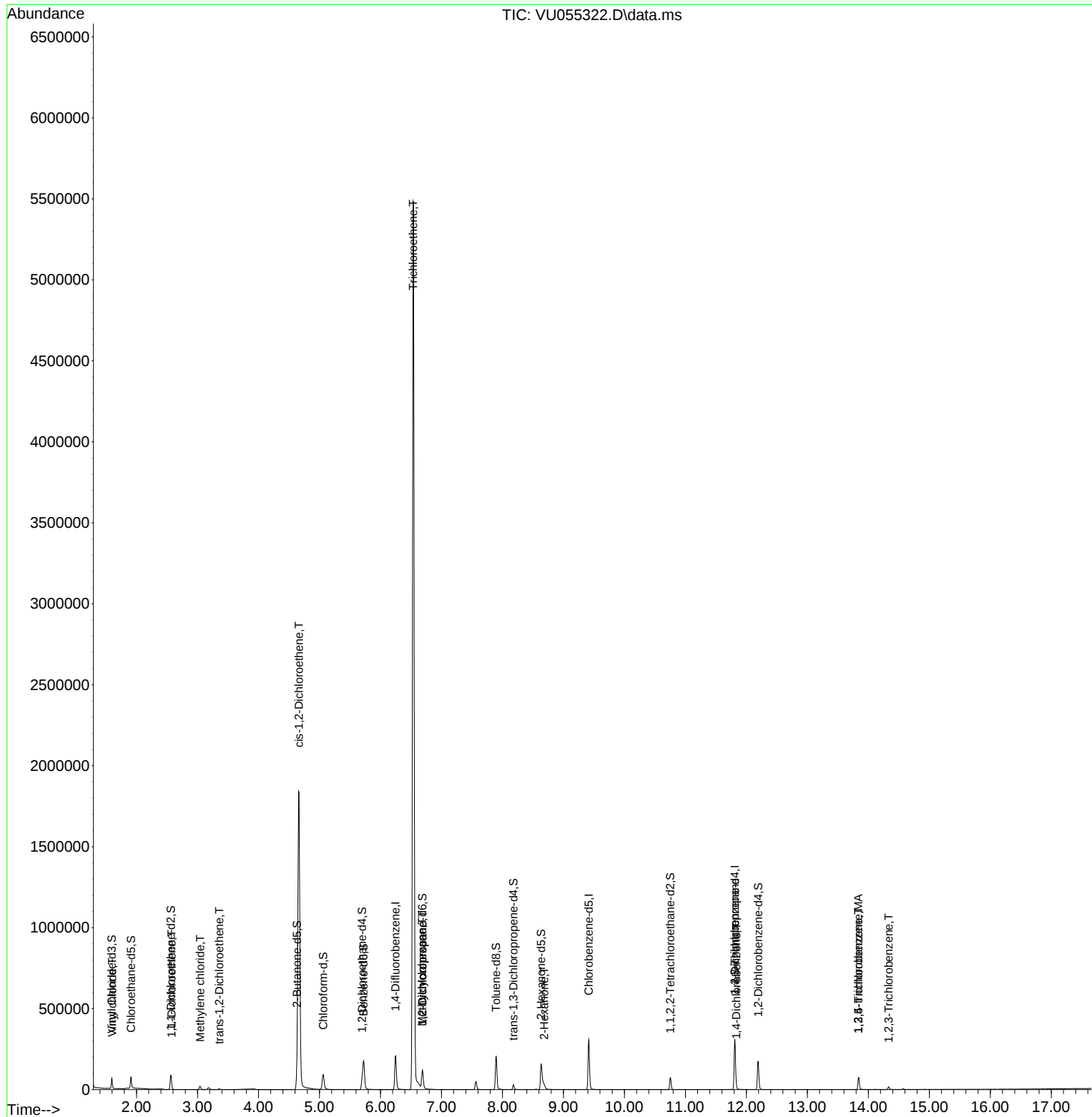
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	80576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44553	5.510	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.200%		
7) Chloroethane-d5	1.911	69	48907	5.225	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.563	65	16069	3.488	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 69.800%		
20) 2-Butanone-d5	4.631	46	95311	40.617	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 81.240%		
24) Chloroform-d	5.061	84	85460	3.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 79.600%		
26) 1,2-Dichloroethane-d4	5.698	65	45014	4.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.800%		
32) Benzene-d6	5.724	84	167804	3.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 79.800%		
36) 1,2-Dichloropropane-d6	6.688	67	54216	4.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 81.000%		
41) Toluene-d8	7.897	98	141498	3.649	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 73.000%		
43) trans-1,3-Dichloroprop...	8.180	79	17689	4.798	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.000%		
46) 2-Hexanone-d5	8.634	63	50123	33.486	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 66.980%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	36433	3.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 77.400%		
66) 1,2-Dichlorobenzene-d4	12.193	152	47235	4.016	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 80.400%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	1312	0.122	ug/L #	32
12) 1,1-Dichloroethene	2.576	96	1339	0.168	ug/L #	1
16) Methylene chloride	3.042	84	9886	0.811	ug/L	93
18) trans-1,2-Dichloroethene	3.357	96	2370	0.293	ug/L	71
22) cis-1,2-Dichloroethene	4.663	96	959421	96.849	ug/L	91
34) Trichloroethene	6.537	95	1872829	185.671	ug/L	97
35) Methylcyclohexane	6.685	83	12698	0.897	ug/L #	27
37) 1,2-Dichloropropane	6.688	63	6307	0.638	ug/L #	91
48) 2-Hexanone	8.685	43	17620	3.991	ug/L #	84
61) 1,2,3-Trichloropropane	11.810	75	11594	2.168	ug/L #	69
65) 1,4-Dichlorobenzene	11.836	146	3209	0.179	ug/L	87
69) 1,3,5-Trichlorobenzene	13.839	180	23027	1.689	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	23027	1.802	ug/L	98
72) 1,2,3-Trichlorobenzene	14.334	180	5687	0.513	ug/L	94

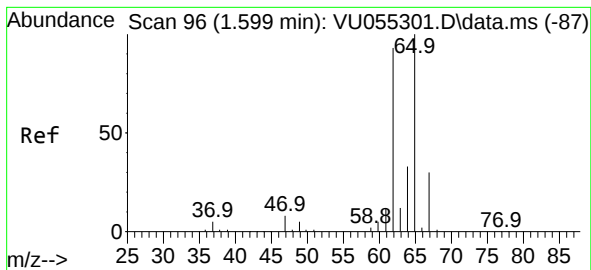
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.122 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055322.D

Acq: 14 Sep 2023 22:57

Instrument :

MSVOA_U

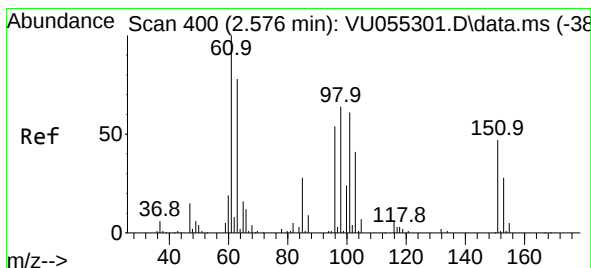
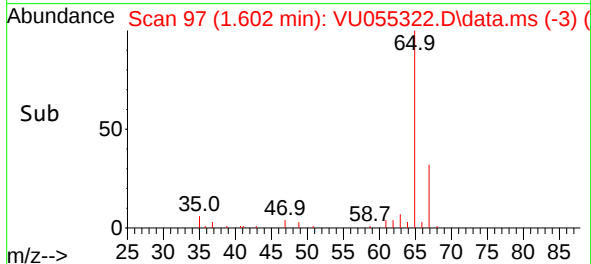
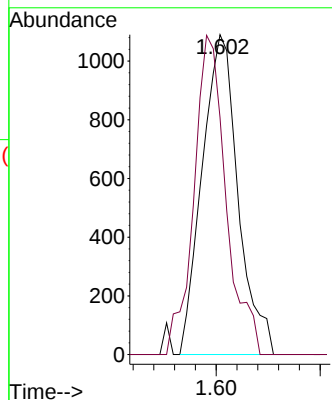
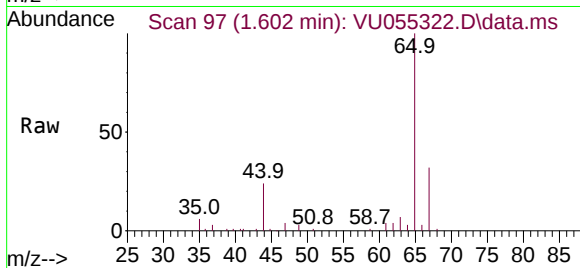
ClientSampleId :

Tgt Ion: 62 Resp: 1312

Ion Ratio Lower Upper

62 100

64 74.0 24.2 45.0#



#12

1,1-Dichloroethene

Concen: 0.168 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055322.D

Acq: 14 Sep 2023 22:57

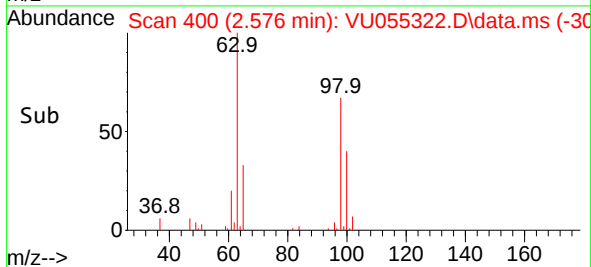
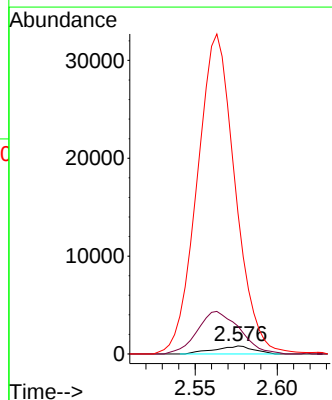
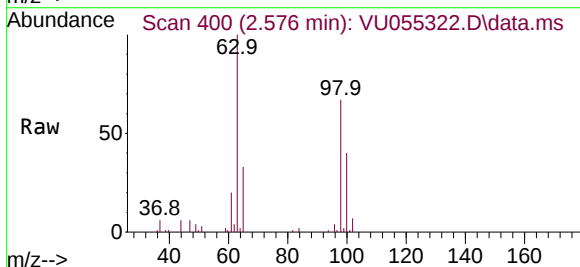
Tgt Ion: 96 Resp: 1339

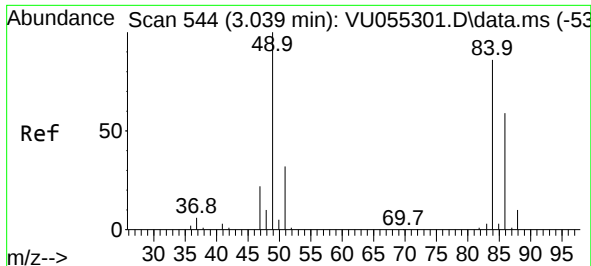
Ion Ratio Lower Upper

96 100

61 349.8 120.8 224.4#

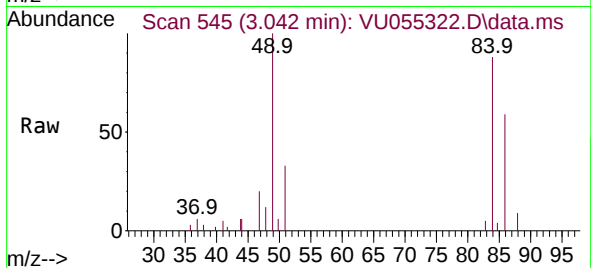
63 1774.2 94.5 175.5#



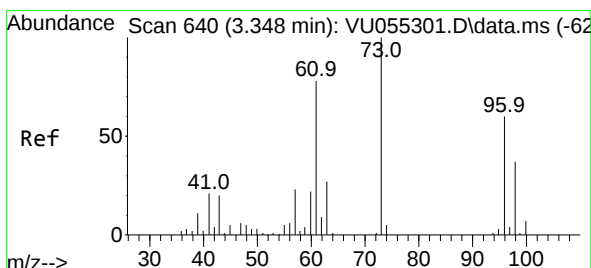
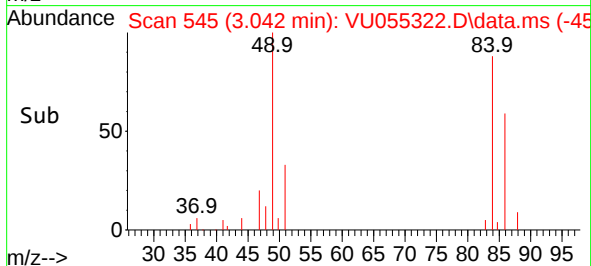
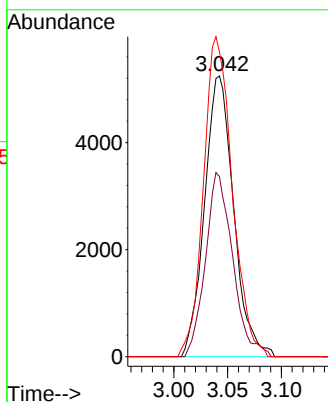


#16
Methylene chloride
Concen: 0.811 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

Instrument :
MSVOA_U
ClientSampleId :

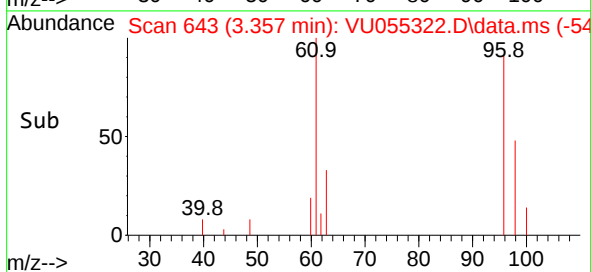
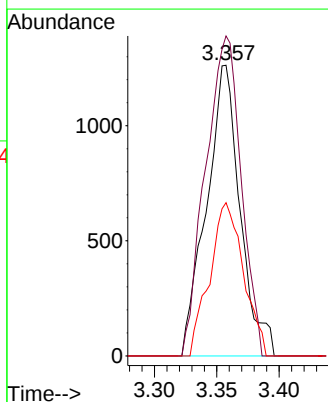
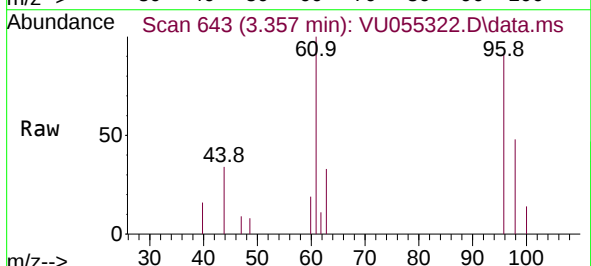


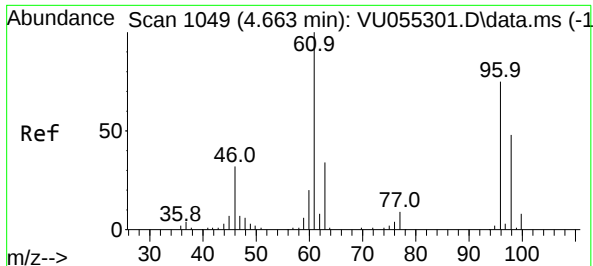
Tgt Ion: 84 Resp: 9886
Ion Ratio Lower Upper
84 100
86 64.1 43.4 80.6
49 114.8 87.7 162.9



#18
trans-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

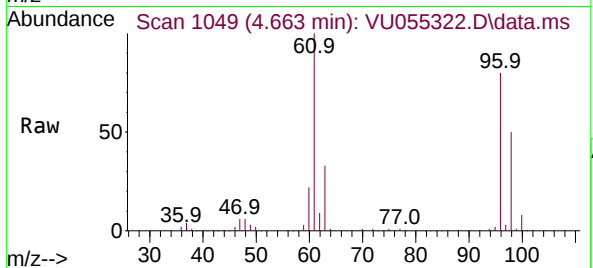
Tgt Ion: 96 Resp: 2370
Ion Ratio Lower Upper
96 100
61 110.1 108.1 200.9
98 52.7 45.4 84.4



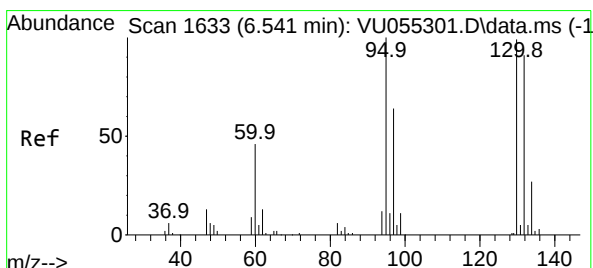
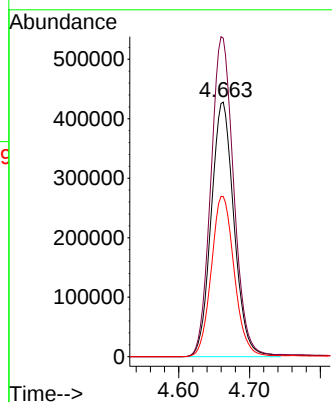
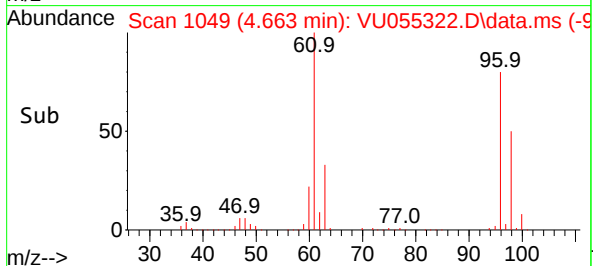


#22
 cis-1,2-Dichloroethene
 Concen: 96.849 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055322.D
 Acq: 14 Sep 2023 22:57

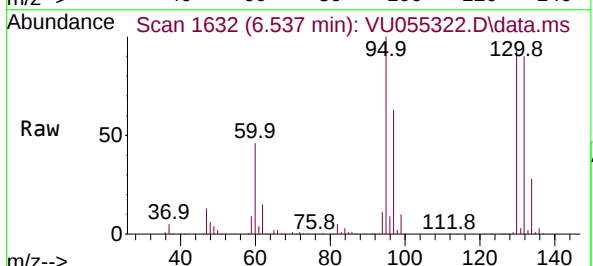
Instrument :
 MSVOA_U
 ClientSampleId :



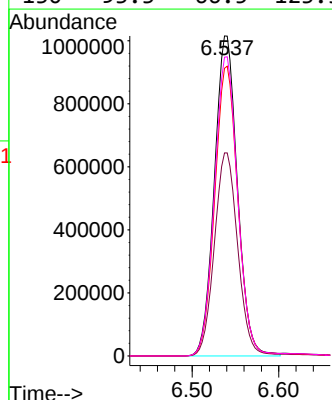
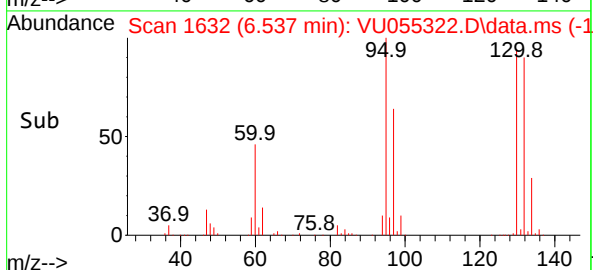
Tgt Ion: 96 Resp: 959421
 Ion Ratio Lower Upper
 96 100
 61 125.1 97.2 180.4
 98 62.9 46.1 85.7

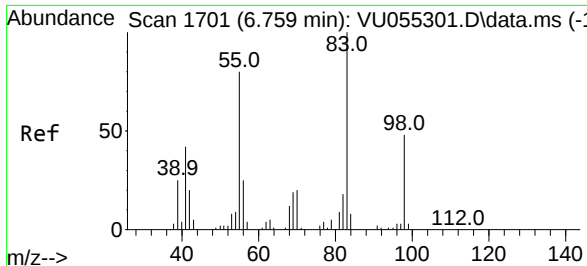


#34
 Trichloroethene
 Concen: 185.671 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.003 min
 Lab File: VU055322.D
 Acq: 14 Sep 2023 22:57



Tgt Ion: 95 Resp: 1872829
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.7 83.1
 132 89.9 66.6 123.6
 130 93.3 66.5 123.5

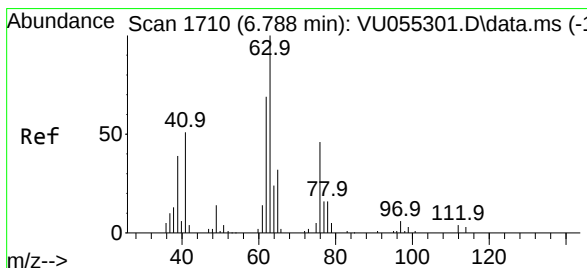
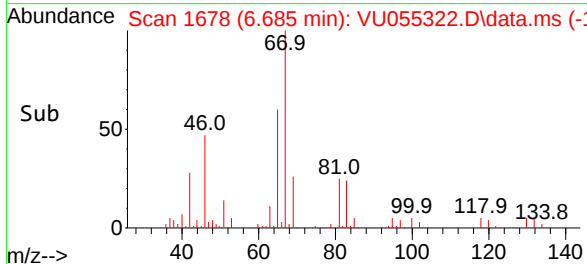
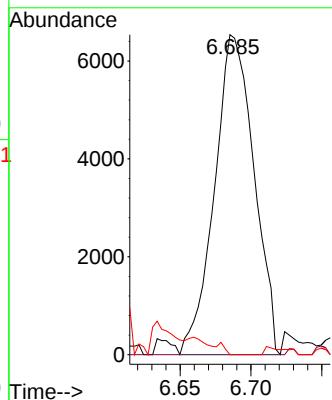
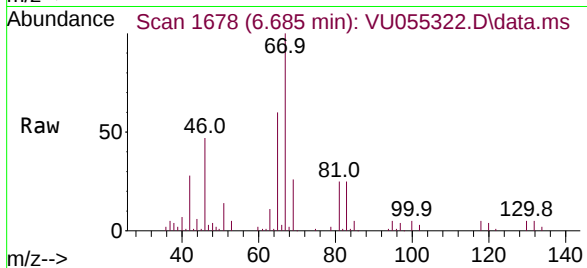




#35
Methylcyclohexane
Concen: 0.897 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

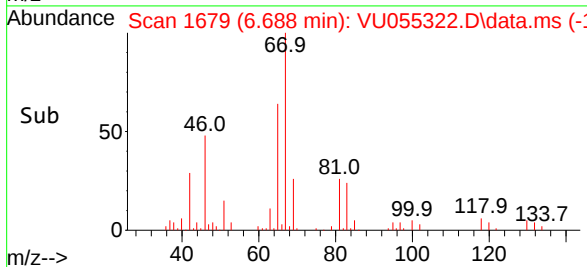
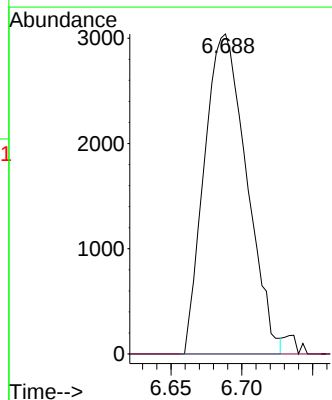
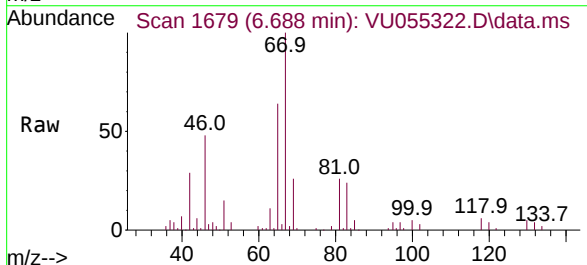
Instrument :
MSVOA_U
ClientSampleId :

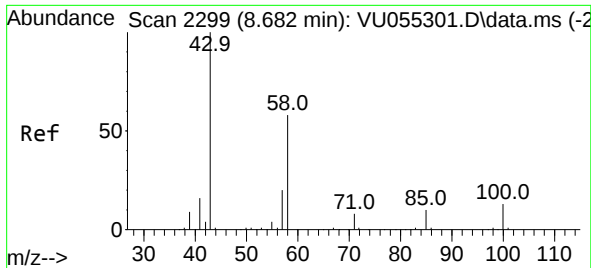
Tgt Ion: 83 Resp: 12698
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 12.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

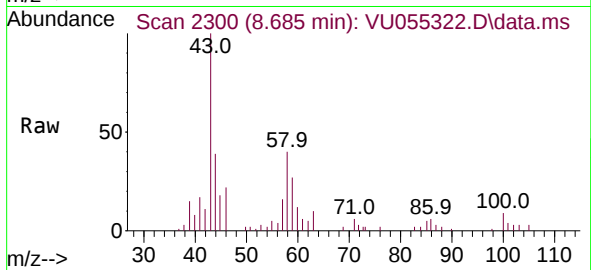
Tgt Ion: 63 Resp: 6307
Ion Ratio Lower Upper
63 100
112 1.1 3.2 4.8#



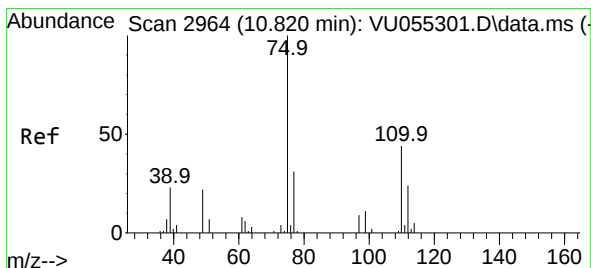
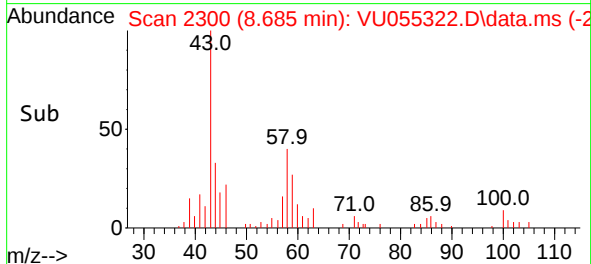
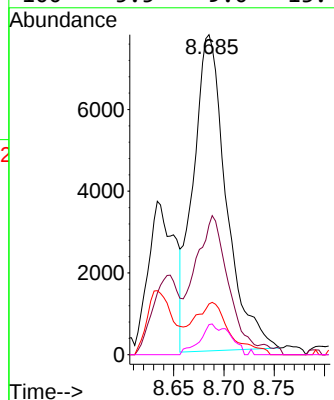


#48
2-Hexanone
Concen: 3.991 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

Instrument :
MSVOA_U
ClientSampleId :

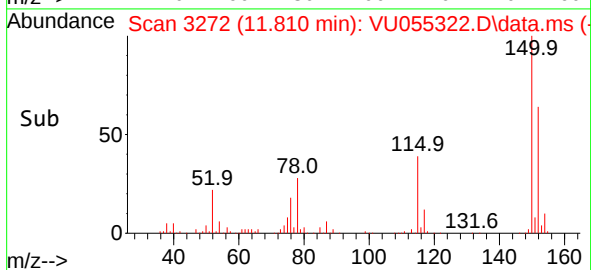
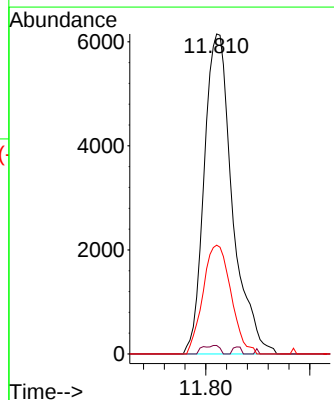
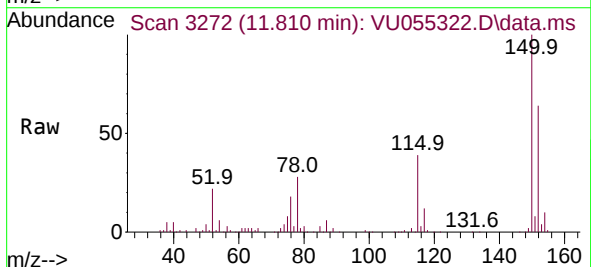


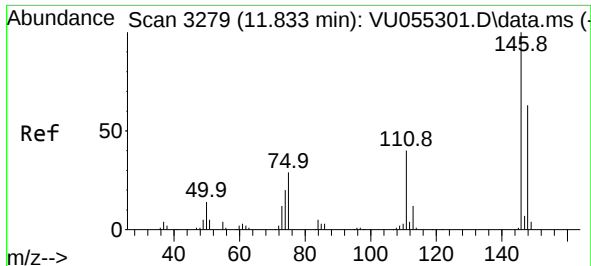
Tgt Ion: 43 Resp: 17620
Ion Ratio Lower Upper
43 100
58 40.3 44.0 66.0#
57 18.0 16.2 24.2
100 5.5 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 2.168 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

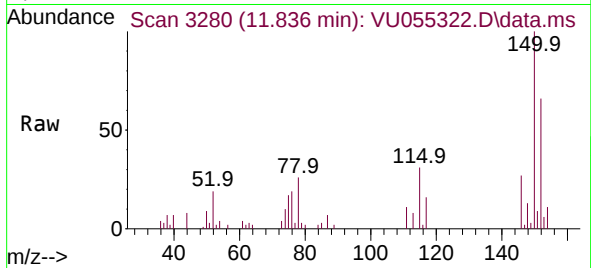
Tgt Ion: 75 Resp: 11594
Ion Ratio Lower Upper
75 100
110 1.6 28.2 42.2#
77 33.7 26.2 39.4



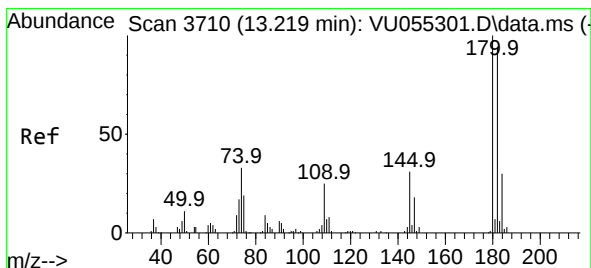
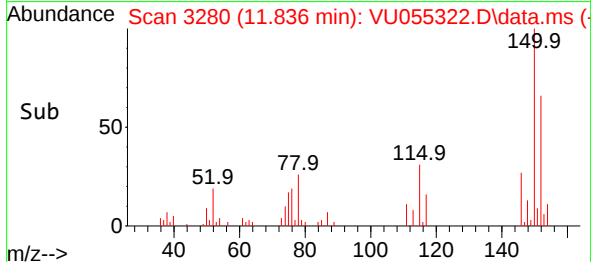
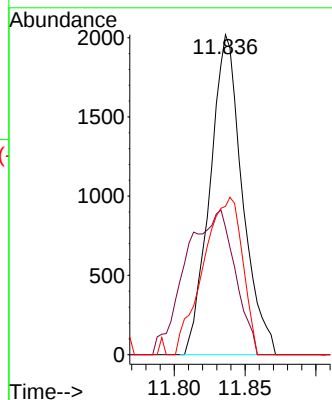


#65
1,4-Dichlorobenzene
Concen: 0.179 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

Instrument :
MSVOA_U
ClientSampleId :

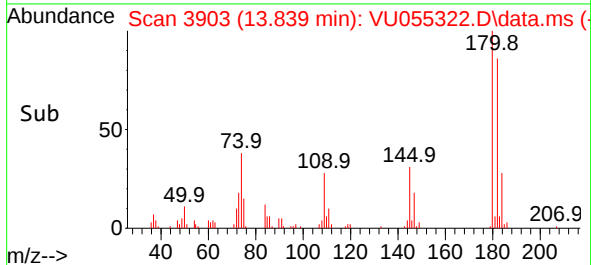
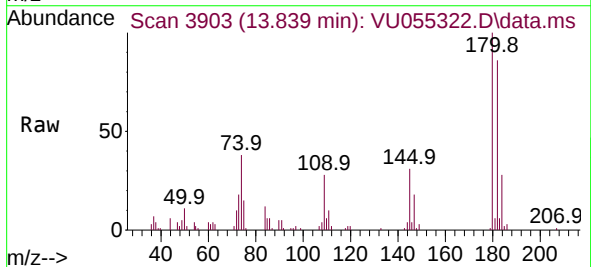
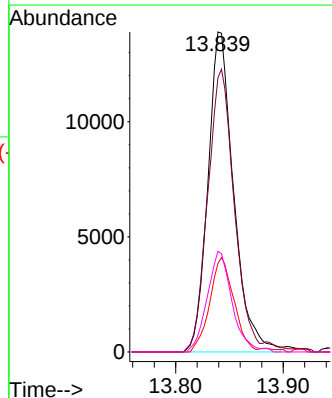


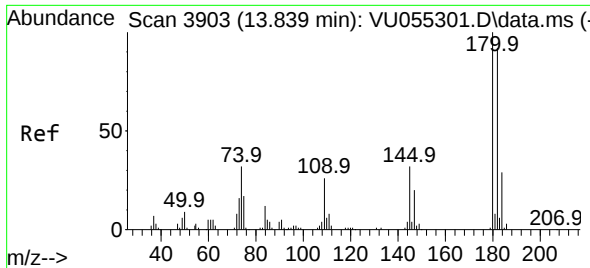
Tgt Ion:146 Resp: 3209
Ion Ratio Lower Upper
146 100
111 39.8 28.1 52.1
148 46.4 43.8 81.3



#69
1,3,5-Trichlorobenzene
Concen: 1.689 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.621 min
Lab File: VU055322.D
Acq: 14 Sep 2023 22:57

Tgt Ion:180 Resp: 23027
Ion Ratio Lower Upper
180 100
182 90.8 75.8 113.6
184 27.7 24.0 36.0
145 30.5 26.3 39.5

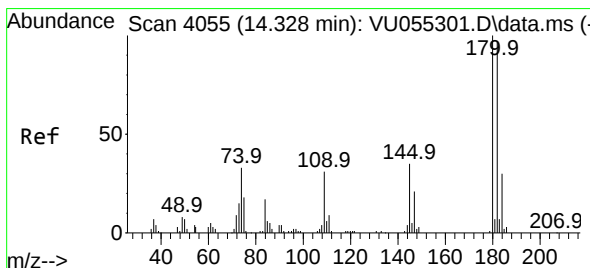
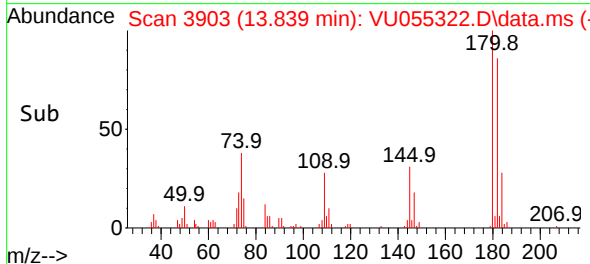
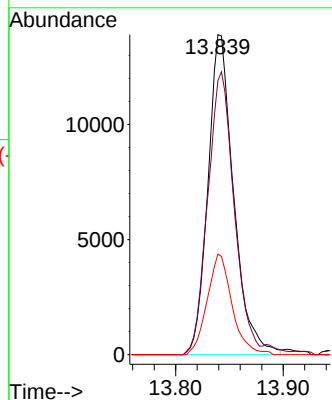
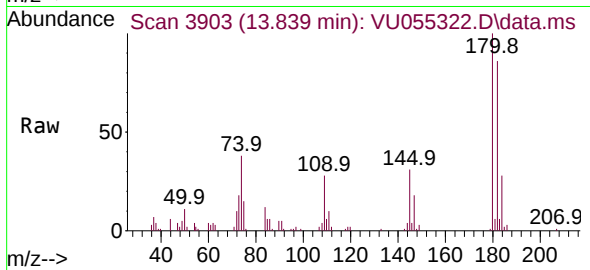




#70
 1,2,4-trichlorobenzene
 Concen: 1.802 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055322.D
 Acq: 14 Sep 2023 22:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 23027
 Ion Ratio Lower Upper
 180 100
 182 90.8 73.6 110.4
 145 30.5 25.8 38.8



#72
 1,2,3-Trichlorobenzene
 Concen: 0.513 ug/L
 RT: 14.334 min Scan# 4057
 Delta R.T. 0.006 min
 Lab File: VU055322.D
 Acq: 14 Sep 2023 22:57

Tgt Ion:180 Resp: 5687
 Ion Ratio Lower Upper
 180 100
 182 88.6 75.6 113.4
 145 30.3 27.0 40.6

