

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055623.D
 Acq On : 02 Oct 2023 23:24
 Operator : MD/SY
 Sample : 04679-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

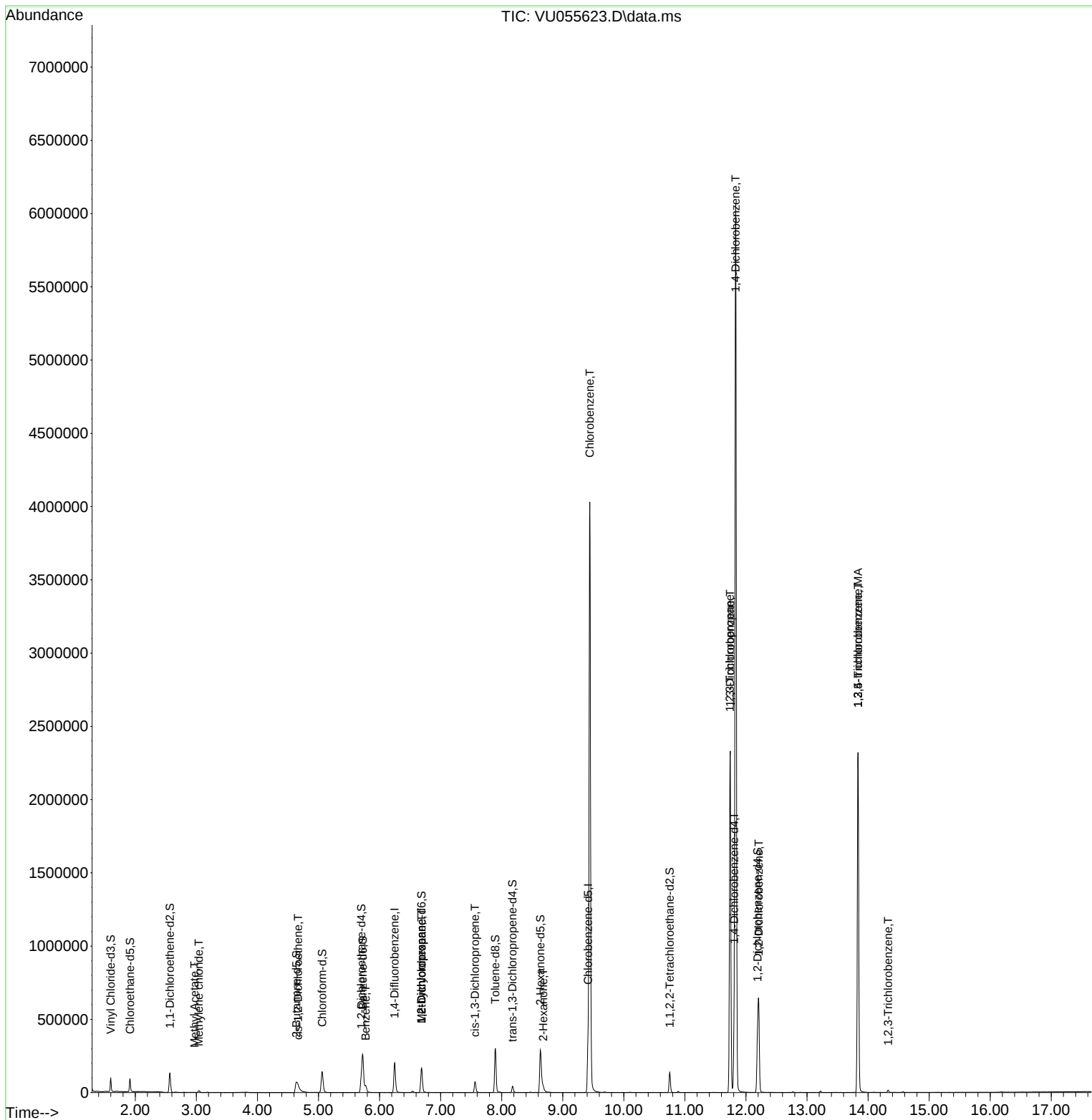
Quant Time: Oct 03 06:24:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

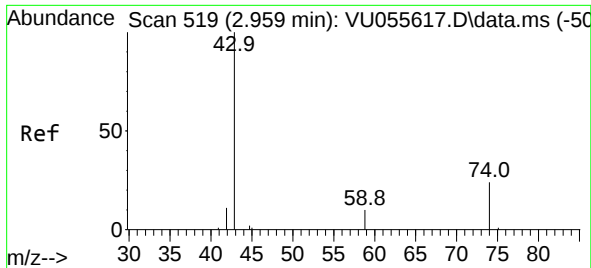
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99291	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60320	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.914	69	59869	4.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.567	65	24175	3.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.637	46	159368	52.680	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.360%
24) Chloroform-d	5.062	84	132868	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.701	65	66556	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	245022	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.689	67	80593	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.898	98	204779	3.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	25850	4.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.634	63	95172	49.678	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66360	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	82481	4.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.972	43	812	0.207	ug/L	# 47
16) Methylene chloride	3.039	84	5451	0.393	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	5248	0.388	ug/L	94
33) Benzene	5.772	78	43112	0.872	ug/L	100
35) Methylcyclohexane	6.689	83	19283	0.957	ug/L	# 20
37) 1,2-Dichloropropane	6.689	63	8825	0.683	ug/L	# 88
39) cis-1,3-Dichloropropene	7.563	75	2072	0.120	ug/L	# 65
48) 2-Hexanone	8.682	43	17136	3.771	ug/L	# 76
51) Chlorobenzene	9.444	112	2106359	62.376	ug/L	99
61) 1,2,3-Trichloropropane	11.740	75	296116	38.204	ug/L	# 48
64) 1,3-Dichlorobenzene	11.743	146	896362	32.717	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	2318388	84.666	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	225844	8.991	ug/L	99
69) 1,3,5-Trichlorobenzene	13.836	180	645612	34.219	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	645612	44.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	4736	0.378	ug/L	96

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

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Quant Title : TRACE VOA SFAM1.0
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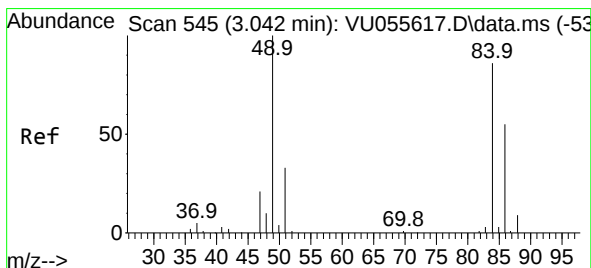
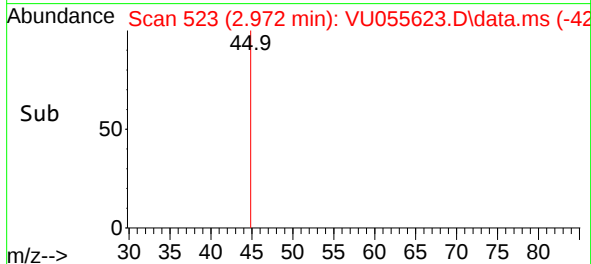
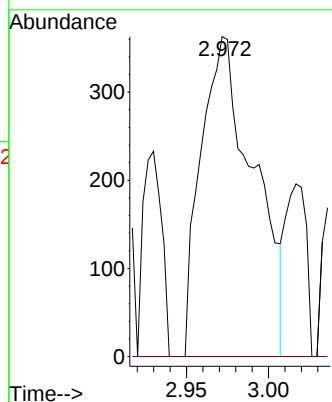
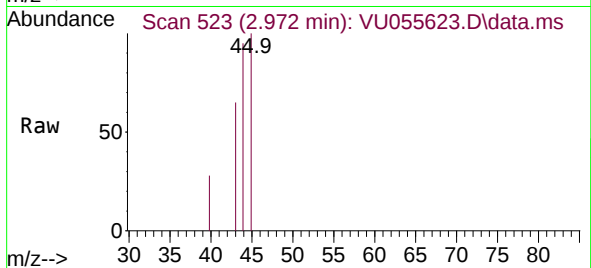




#15
Methyl Acetate
Concen: 0.207 ug/L
RT: 2.972 min Scan# 519
Delta R.T. 0.013 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

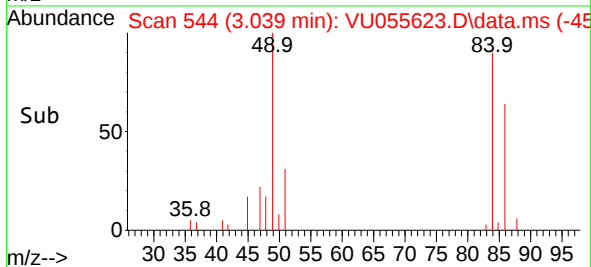
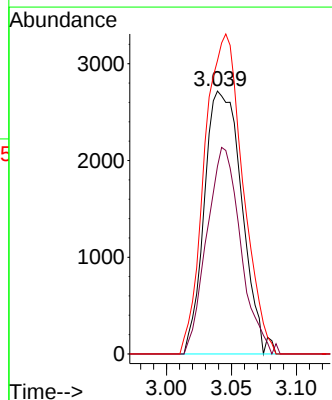
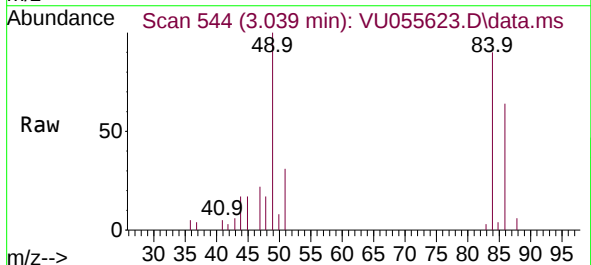
Instrument :
MSVOA_U
ClientSampleId :

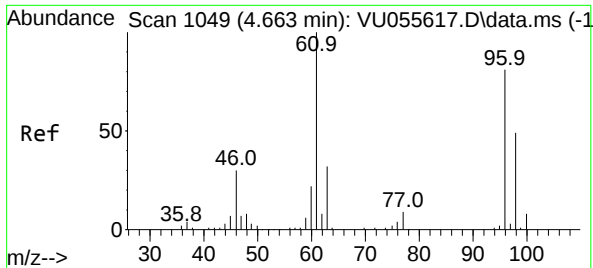
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
74 0.0 22.3 33.5#



#16
Methylene chloride
Concen: 0.393 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Tgt Ion: 84 Resp: 5451
Ion Ratio Lower Upper
84 100
86 71.4 44.9 83.3
49 111.7 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 0.388 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

Instrument :

MSVOA_U

ClientSampleId :

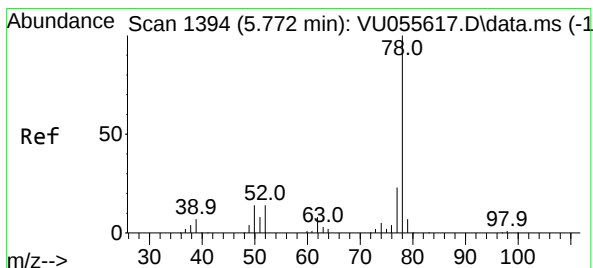
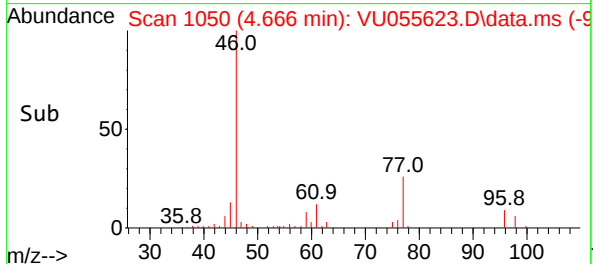
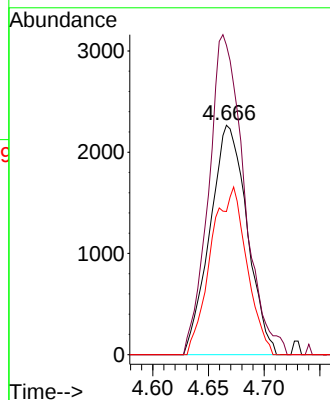
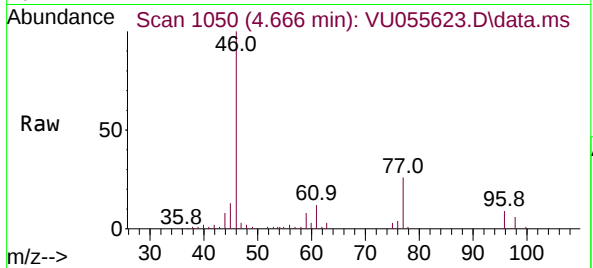
Tgt Ion: 96 Resp: 5248

Ion Ratio Lower Upper

96 100

61 134.9 87.8 163.2

98 62.4 44.4 82.4



#33

Benzene

Concen: 0.872 ug/L

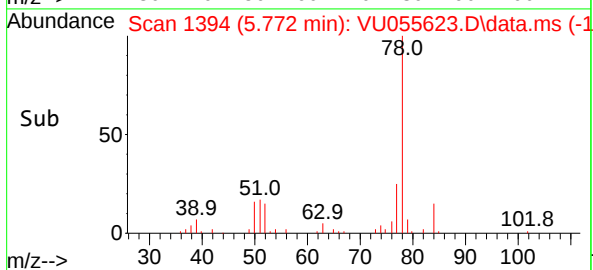
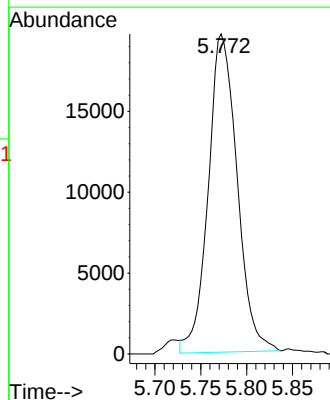
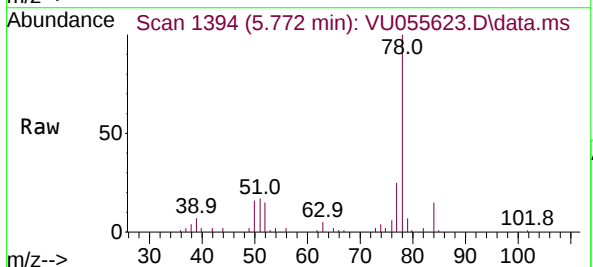
RT: 5.772 min Scan# 1394

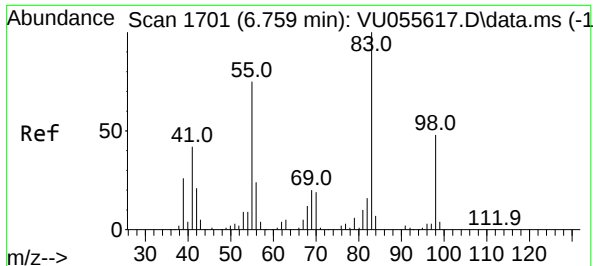
Delta R.T. 0.000 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

Tgt Ion: 78 Resp: 43112





#35

Methylcyclohexane

Concen: 0.957 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055623.D

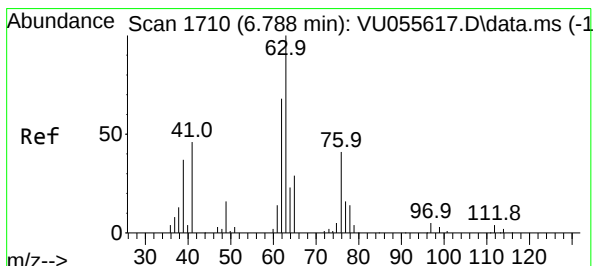
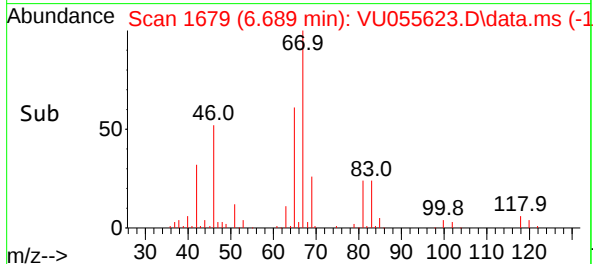
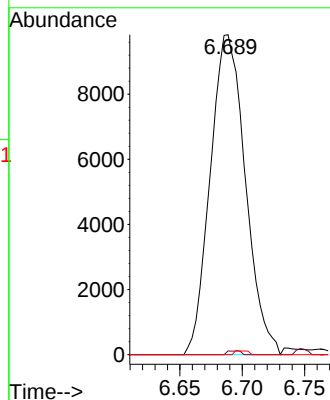
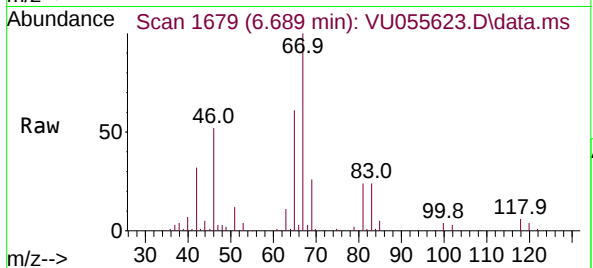
Acq: 02 Oct 2023 23:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 19283
Ion Ratio	Lower Upper
83	100
55	0.4 59.1 88.7#
98	0.5 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.683 ug/L

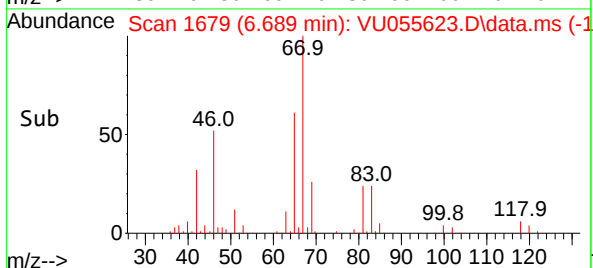
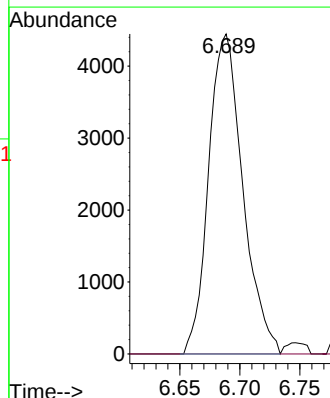
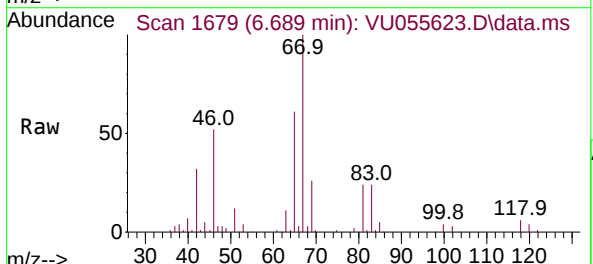
RT: 6.689 min Scan# 1679

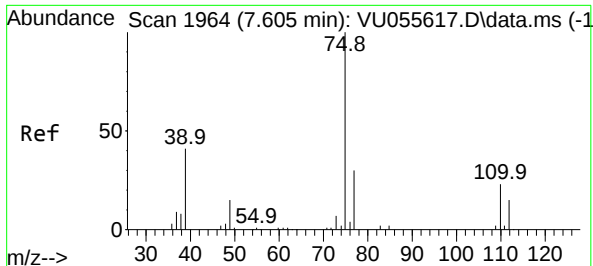
Delta R.T. -0.100 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

Tgt Ion: 63	Resp: 8825
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

Instrument :

MSVOA_U

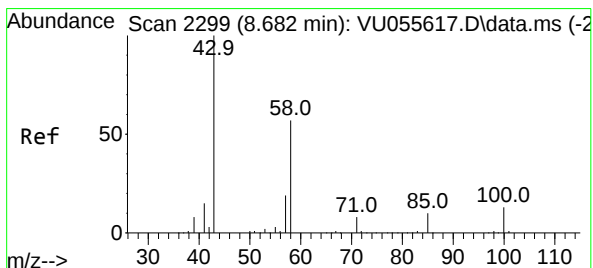
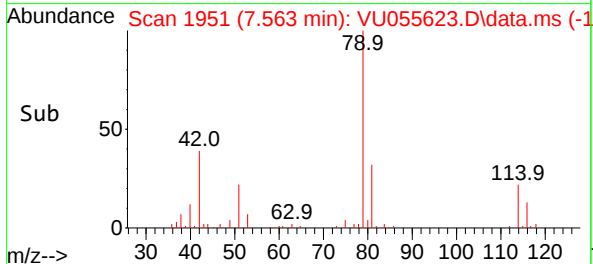
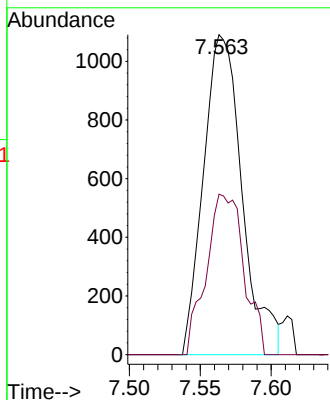
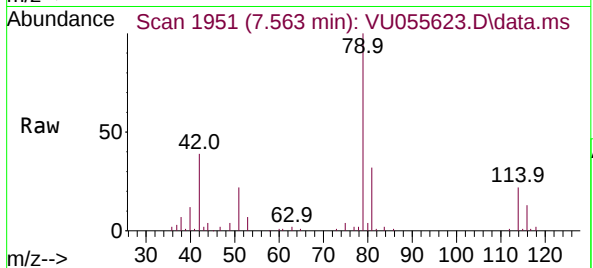
ClientSampleId :

Tgt Ion: 75 Resp: 2072

Ion Ratio Lower Upper

75 100

77 50.1 21.6 40.2#



#48

2-Hexanone

Concen: 3.771 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055623.D

Acq: 02 Oct 2023 23:24

Tgt Ion: 43 Resp: 17136

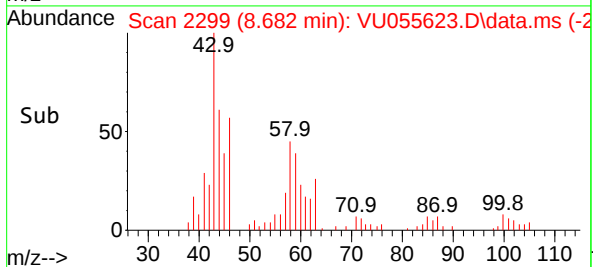
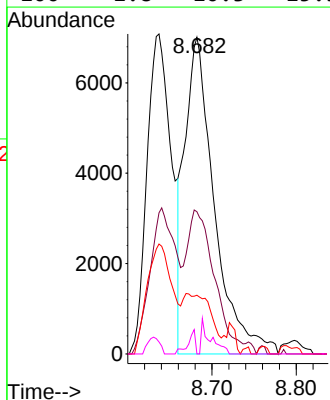
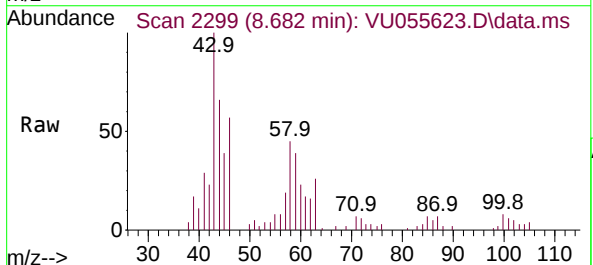
Ion Ratio Lower Upper

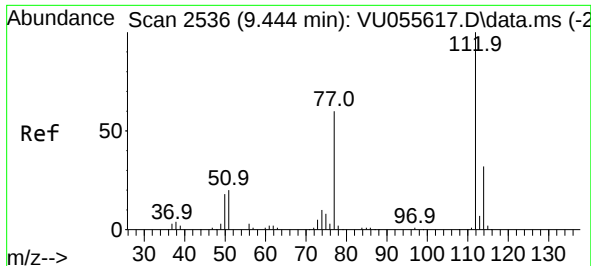
43 100

58 39.2 48.5 72.7#

57 17.7 17.0 25.4

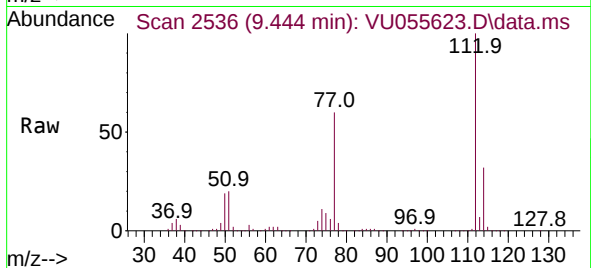
100 1.8 10.3 15.5#



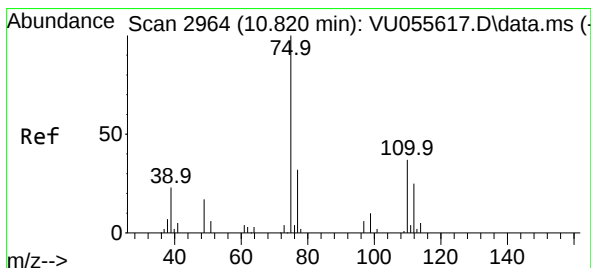
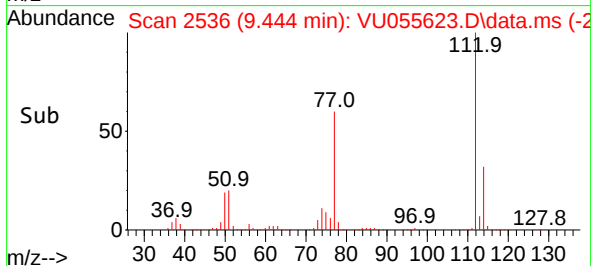
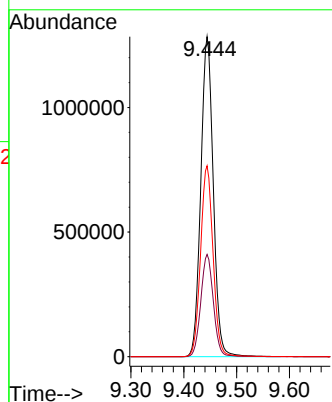


#51
Chlorobenzene
Concen: 62.376 ug/L
RT: 9.444 min Scan# 2106359
Delta R.T. -0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Instrument :
MSVOA_U
ClientSampleId :

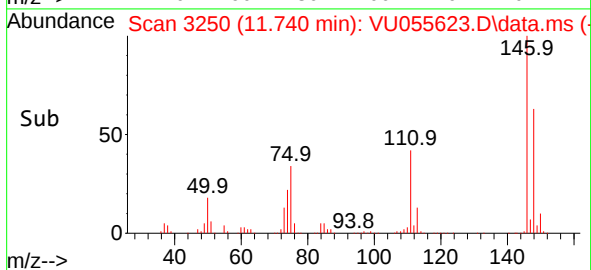
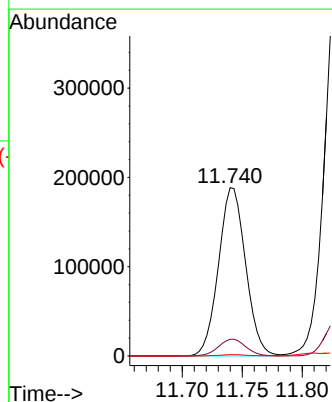
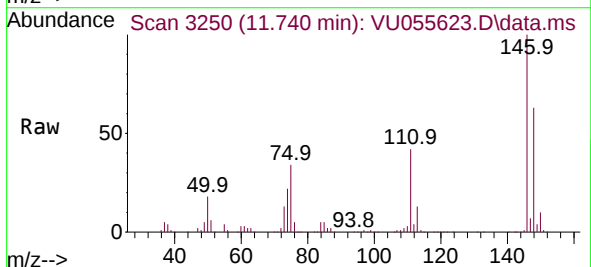


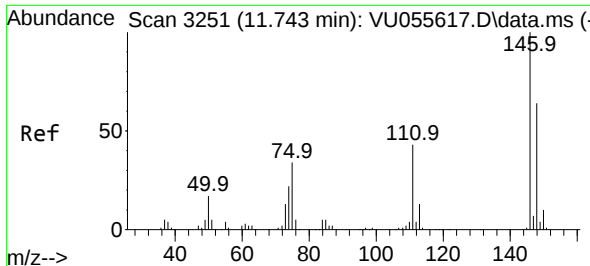
Tgt Ion:112 Resp: 2106359
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 59.7 46.9 70.3



#61
1,2,3-Trichloropropane
Concen: 38.204 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.920 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

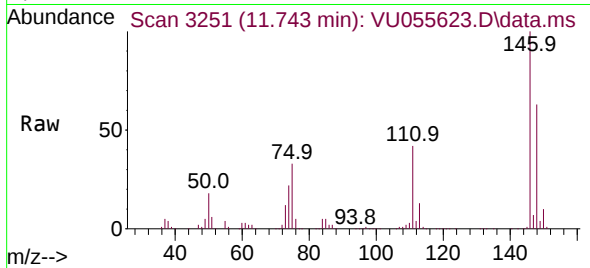
Tgt Ion: 75 Resp: 296116
Ion Ratio Lower Upper
75 100
110 10.2 30.6 45.8#
77 0.0 26.7 40.1#



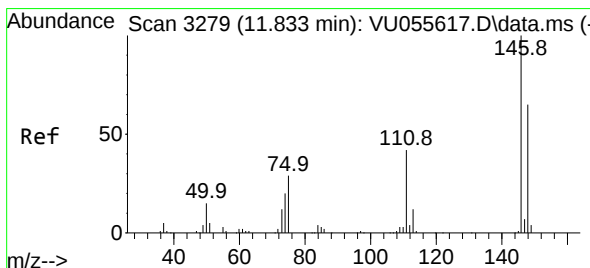
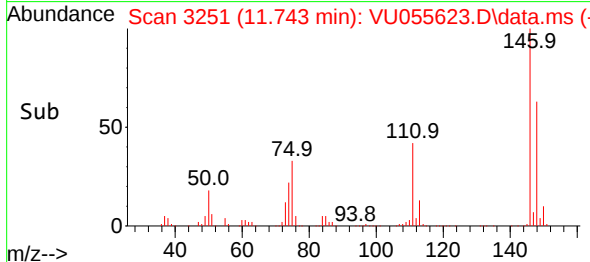
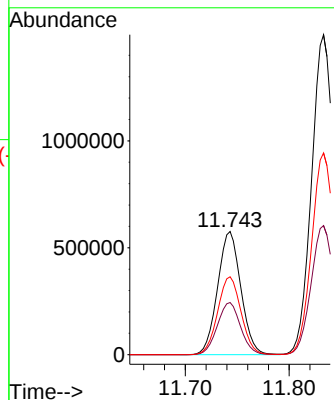


#64
1,3-Dichlorobenzene
Concen: 32.717 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Instrument :
MSVOA_U
ClientSampleId :

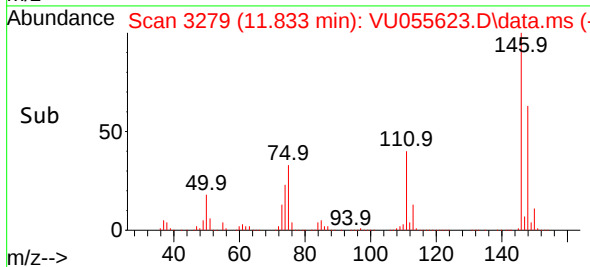
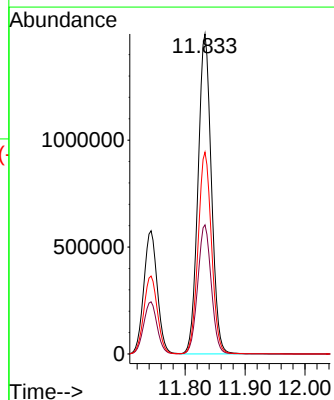
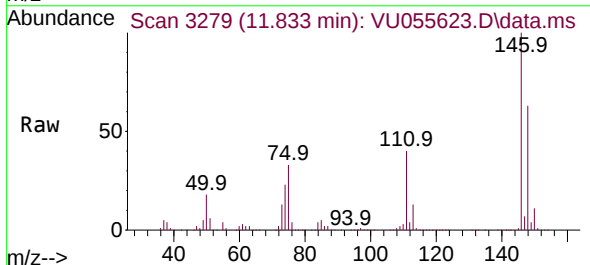


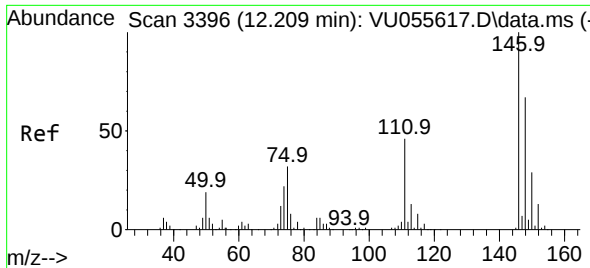
Tgt Ion:146 Resp: 896362
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.6
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 84.666 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Tgt Ion:146 Resp: 2318388
Ion Ratio Lower Upper
146 100
111 40.3 29.0 53.8
148 63.0 45.4 84.4

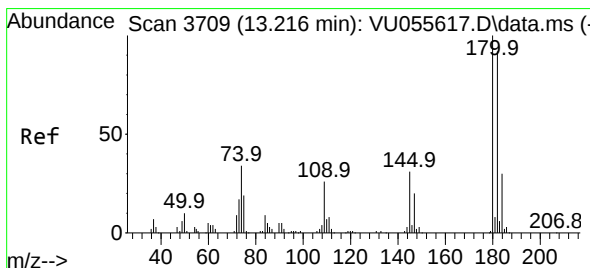
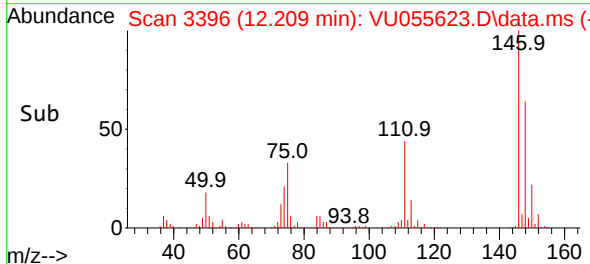
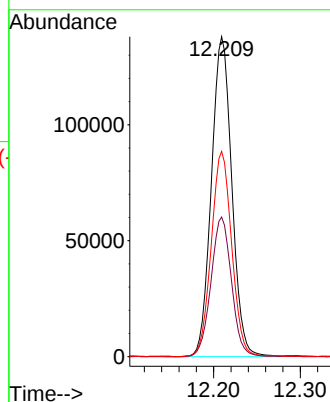
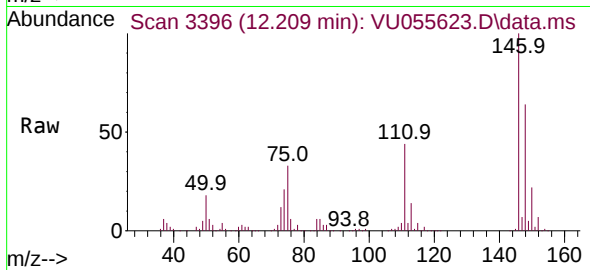




#67
1,2-Dichlorobenzene
Concen: 8.991 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

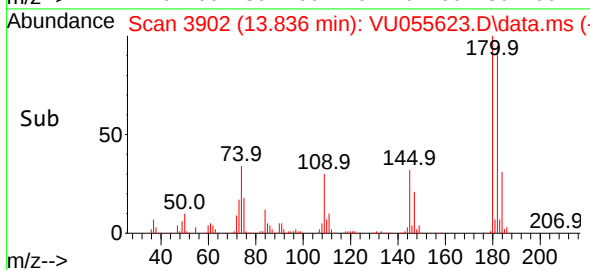
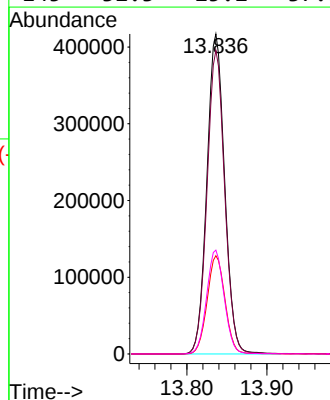
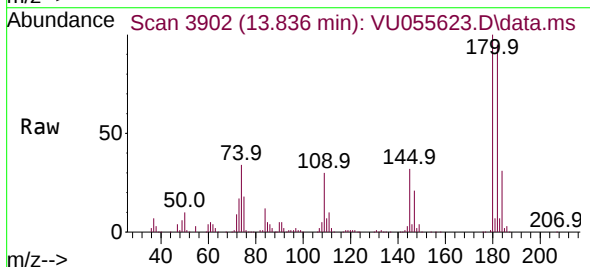
Instrument :
MSVOA_U
ClientSampleId :

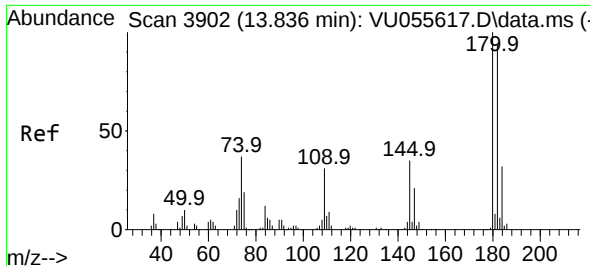
Tgt Ion:146 Resp: 225844
Ion Ratio Lower Upper
146 100
111 43.7 34.6 52.0
148 64.1 51.8 77.8



#69
1,3,5-Trichlorobenzene
Concen: 34.219 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.621 min
Lab File: VU055623.D
Acq: 02 Oct 2023 23:24

Tgt Ion:180 Resp: 645612
Ion Ratio Lower Upper
180 100
182 94.4 77.1 115.7
184 30.9 24.0 36.0
145 32.3 25.2 37.8

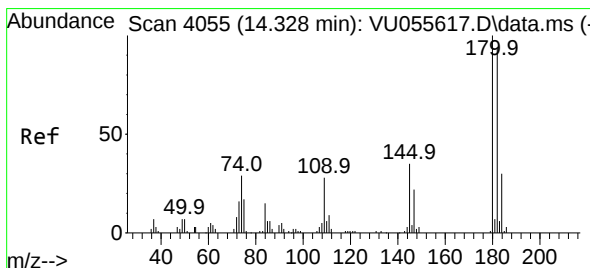
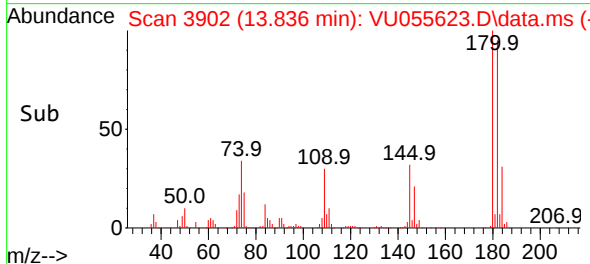
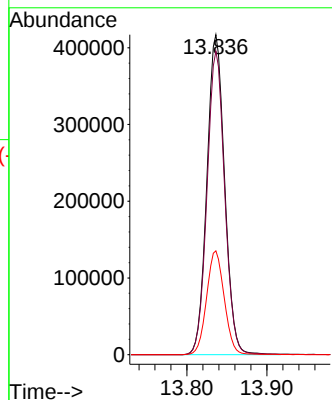
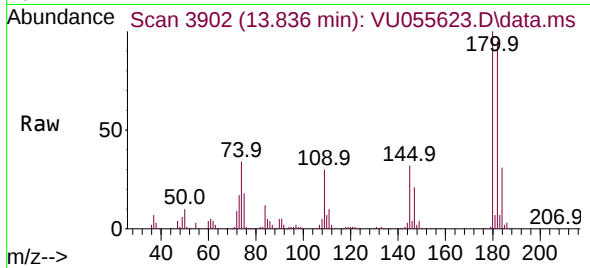




#70
 1,2,4-trichlorobenzene
 Concen: 44.884 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU055623.D
 Acq: 02 Oct 2023 23:24

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 645612
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.4 114.6
 145 32.3 25.4 38.0



#72
 1,2,3-Trichlorobenzene
 Concen: 0.378 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. -0.000 min
 Lab File: VU055623.D
 Acq: 02 Oct 2023 23:24

Tgt Ion:180 Resp: 4736
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.2 114.4
 145 36.8 26.0 39.0

