

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051662.D
 Acq On : 01 Nov 2022 18:29
 Operator : JC/MD
 Sample : N5301-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:05:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 01:48:00 2022
 Response via : Initial Calibration

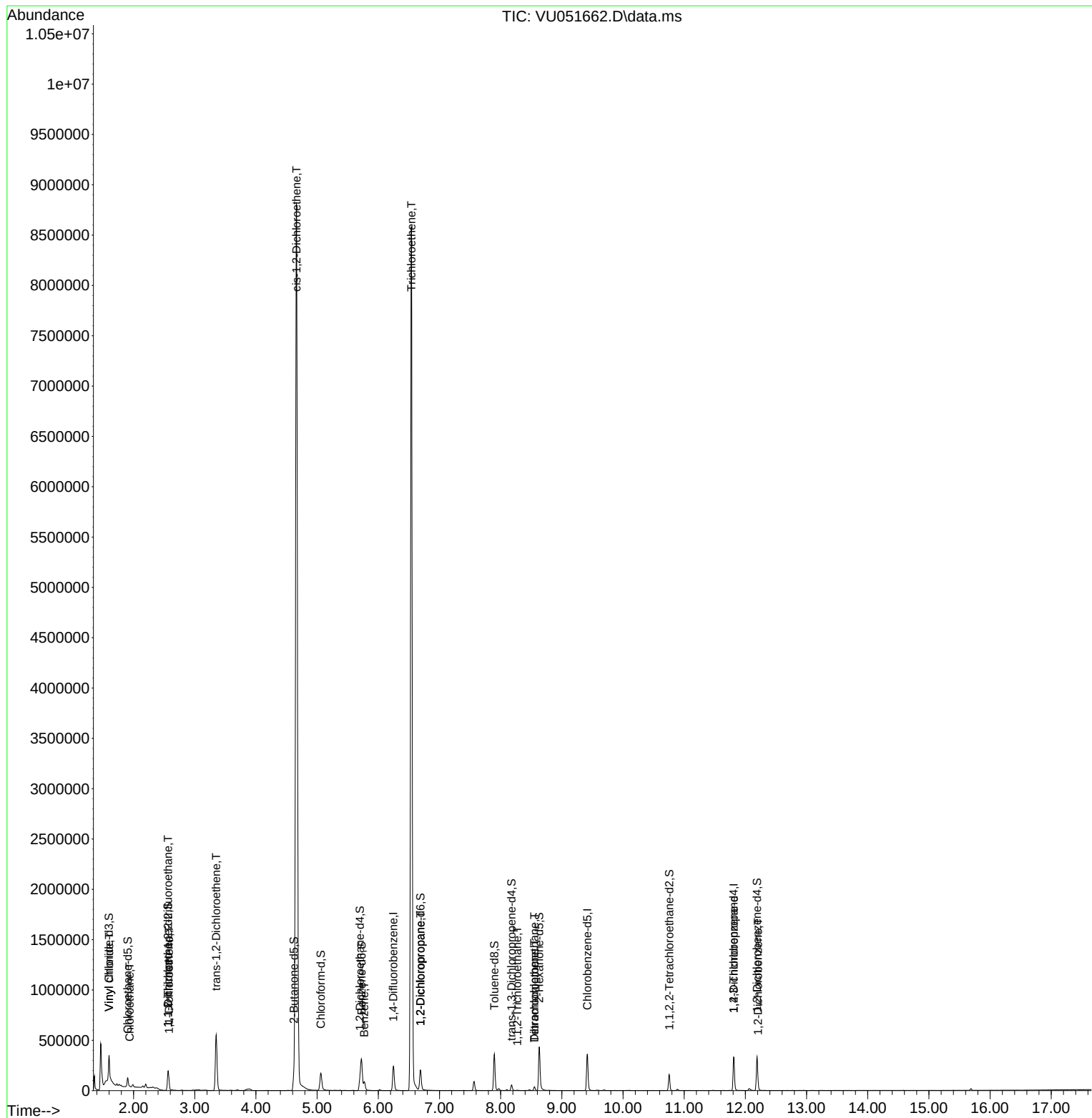
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	205913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78229	5.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.906	69	69370	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.562	65	30571	5.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	4.620	46	191959	34.178	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.360%
24) Chloroform-d	5.060	84	150608	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.700	65	77584	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	5.726	84	308045	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.687	67	103367	4.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.896	98	252245	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.179	79	32779	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.629	63	150294	34.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	82000	3.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	91321	5.349	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	47224	1.737	ug/L #	1
8) Chloroethane	1.938	64	2125	0.129	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	938	0.053	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	22934	1.281	ug/L #	50
18) trans-1,2-Dichloroethene	3.350	96	239825	12.483	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	4774127	224.584	ug/L	99
33) Benzene	5.771	78	86206	1.017	ug/L	100
34) Trichloroethene	6.539	95	2983740	145.916	ug/L	99
37) 1,2-Dichloropropane	6.690	63	10372	0.476	ug/L #	89
45) 1,1,2-Trichloroethane	8.272	97	2572	0.161	ug/L #	17
47) Tetrachloroethene	8.552	164	8841	0.565	ug/L	96
49) Dibromochloromethane	8.552	129	8217	0.450	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10969	0.912	ug/L #	69
67) 1,2-Dichlorobenzene	12.208	146	4991	0.152	ug/L #	86

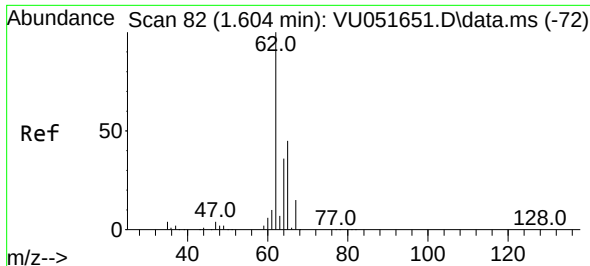
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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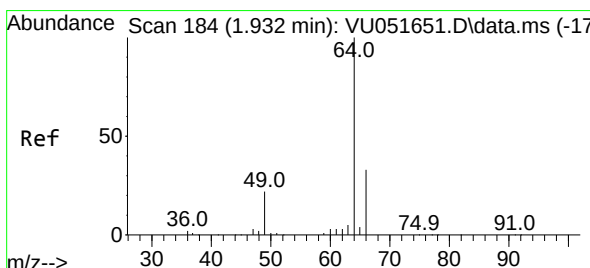
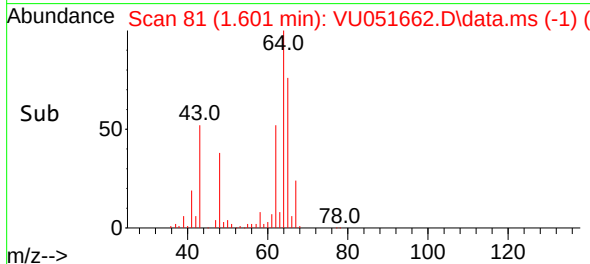
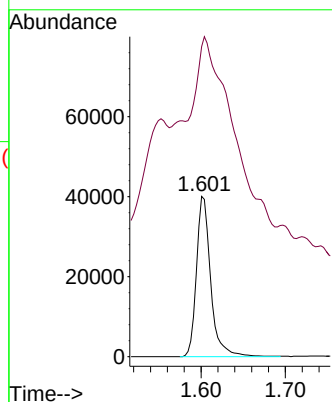
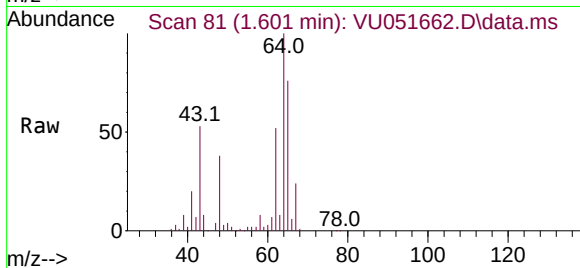




#5
 Vinyl chloride
 Concen: 1.737 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051662.D
 Acq: 01 Nov 2022 18:29

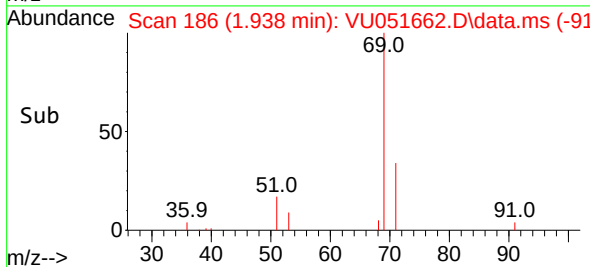
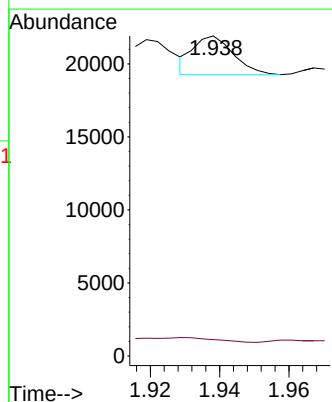
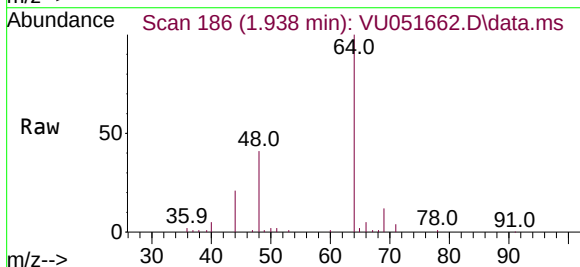
Instrument :
 MSVOA_U
 ClientSampleId :

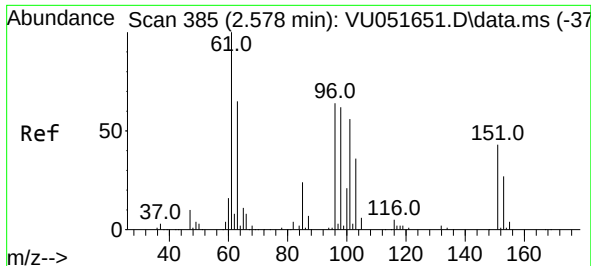
Tgt Ion: 62 Resp: 47224
 Ion Ratio Lower Upper
 62 100
 64 193.4 22.1 41.1#



#8
 Chloroethane
 Concen: 0.129 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.006 min
 Lab File: VU051662.D
 Acq: 01 Nov 2022 18:29

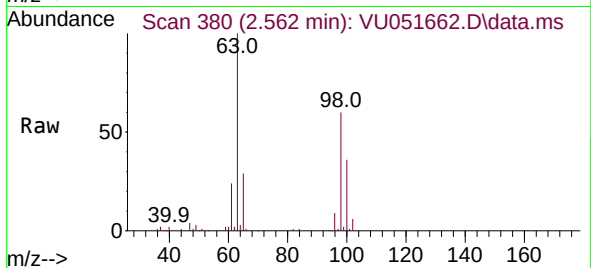
Tgt Ion: 64 Resp: 2125
 Ion Ratio Lower Upper
 64 100
 66 5.1 22.3 41.5#



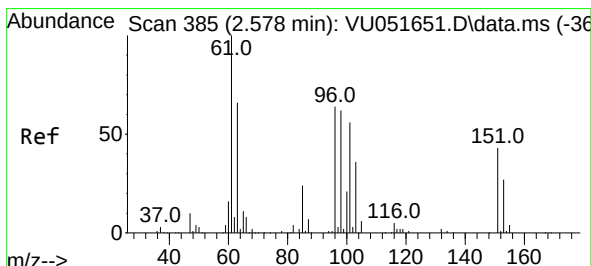
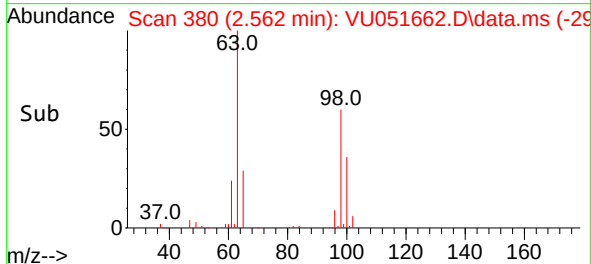
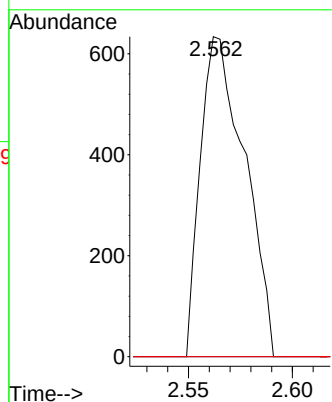


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.053 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU051662.D
 Acq: 01 Nov 2022 18:29

Instrument :
 MSVOA_U
 ClientSampleId :

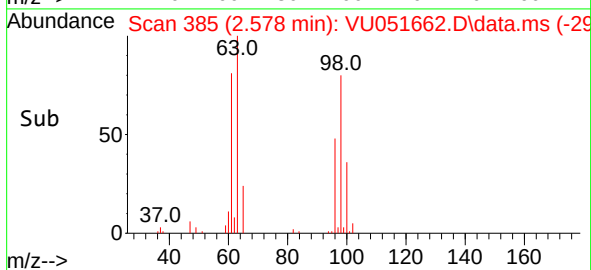
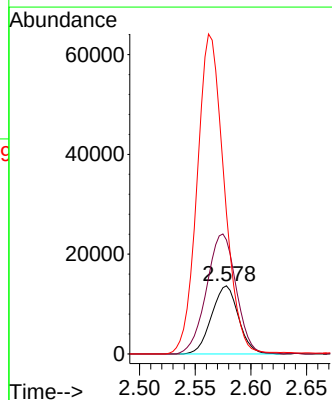
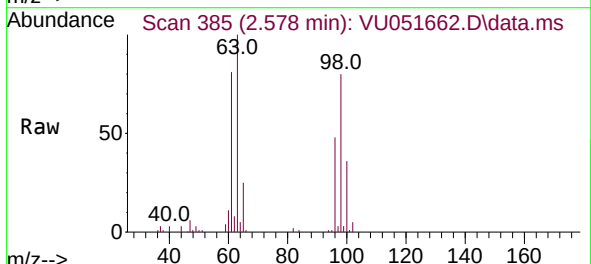


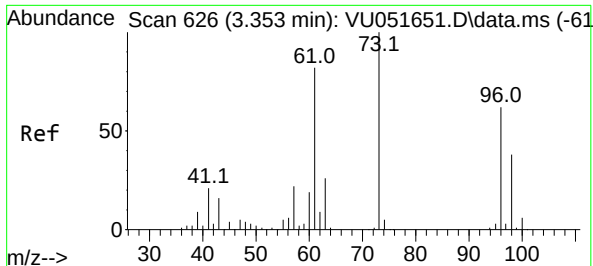
Tgt Ion:101 Resp: 938
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 1.281 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051662.D
 Acq: 01 Nov 2022 18:29

Tgt Ion: 96 Resp: 22934
 Ion Ratio Lower Upper
 96 100
 61 167.4 108.8 202.0
 63 207.2 64.9 120.5#

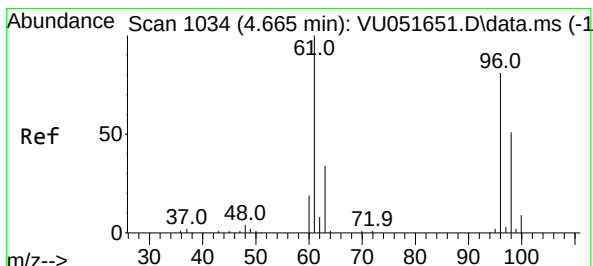
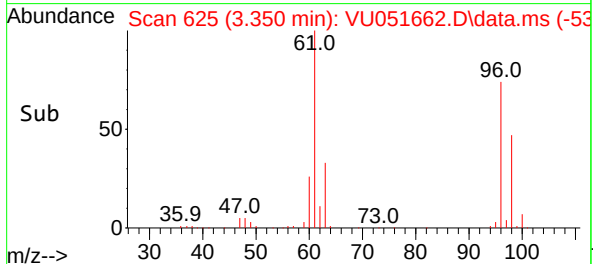
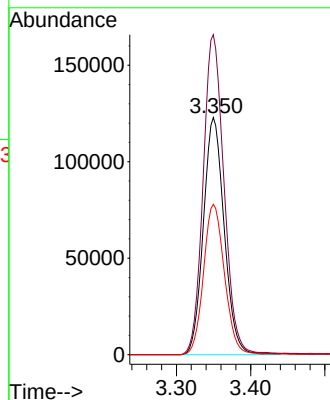
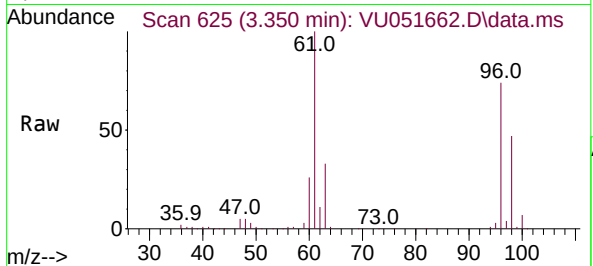




#18
trans-1,2-Dichloroethene
Concen: 12.483 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

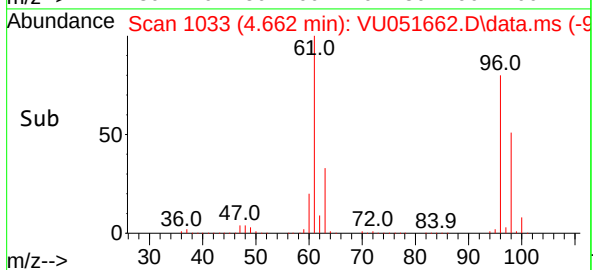
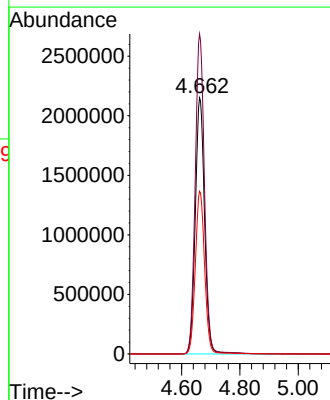
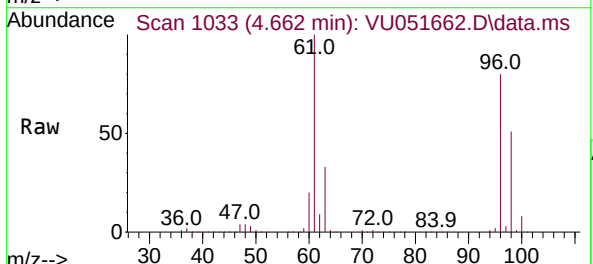
Instrument :
MSVOA_U
ClientSampleId :

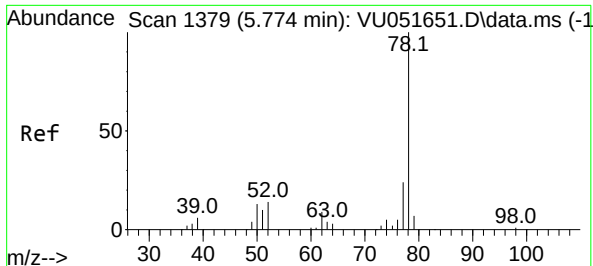
Tgt Ion: 96 Resp: 239825
Ion Ratio Lower Upper
96 100
61 135.0 94.7 175.9
98 63.4 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 224.584 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Tgt Ion: 96 Resp: 4774127
Ion Ratio Lower Upper
96 100
61 124.9 86.4 160.4
98 63.6 44.2 82.2

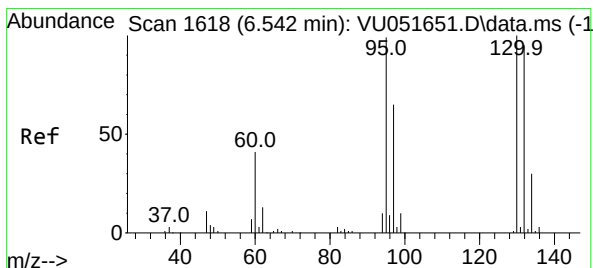
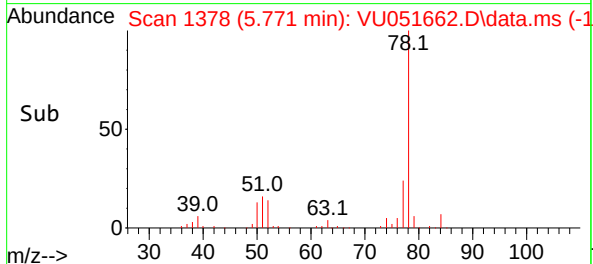
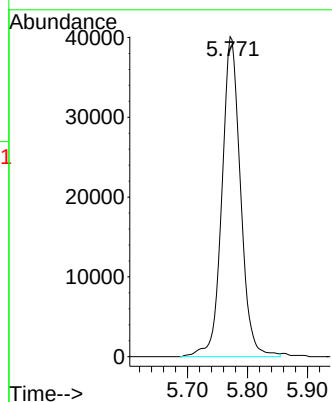
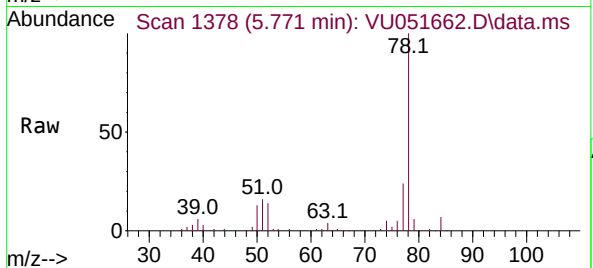




#33
Benzene
Concen: 1.017 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :

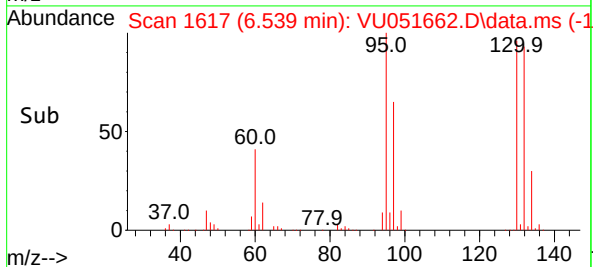
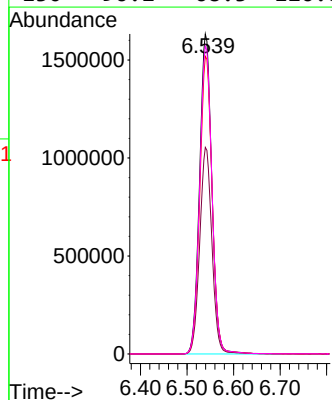
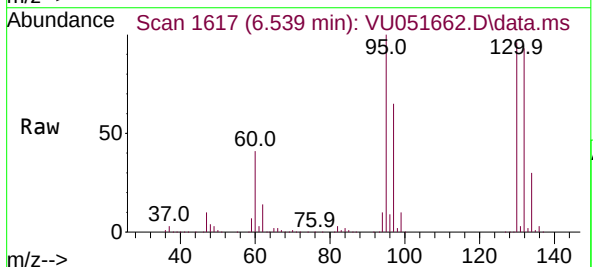
Tgt Ion: 78 Resp: 86206

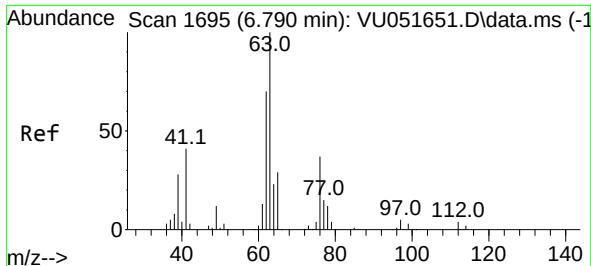


#34
Trichloroethene
Concen: 145.916 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Tgt Ion: 95 Resp: 2983740

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	93.0	66.5	123.5
130	96.2	68.3	126.8





#37

1,2-Dichloropropane

Concen: 0.476 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051662.D

Acq: 01 Nov 2022 18:29

Instrument :

MSVOA_U

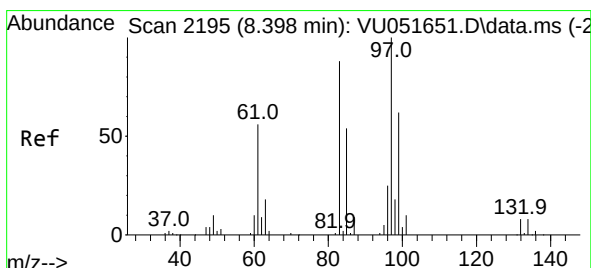
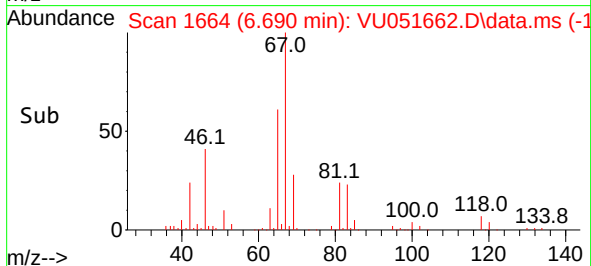
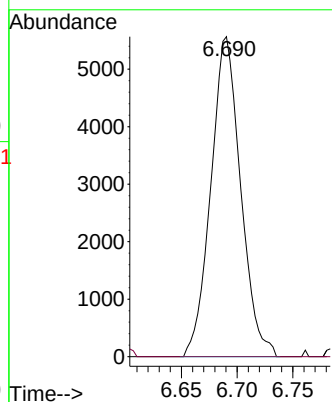
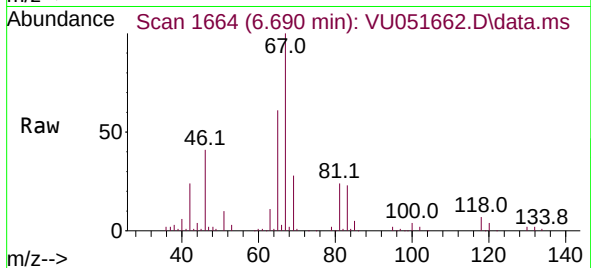
ClientSampleId :

Tgt Ion: 63 Resp: 10372

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#45

1,1,2-Trichloroethane

Concen: 0.161 ug/L

RT: 8.272 min Scan# 2156

Delta R.T. -0.125 min

Lab File: VU051662.D

Acq: 01 Nov 2022 18:29

Tgt Ion: 97 Resp: 2572

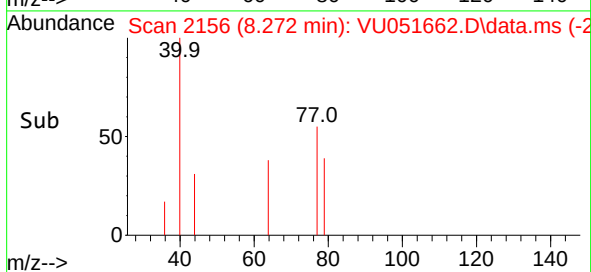
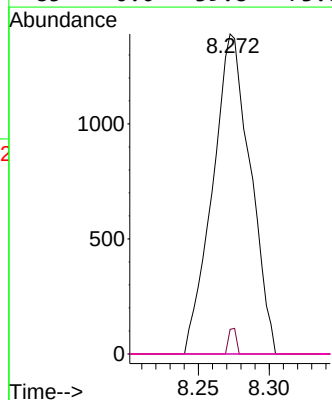
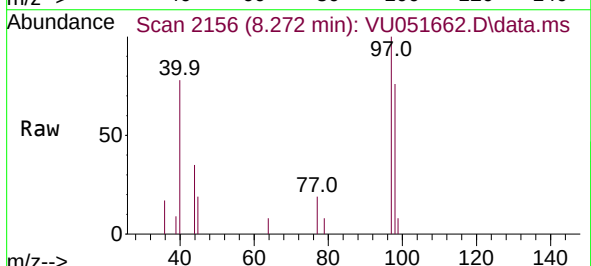
Ion Ratio Lower Upper

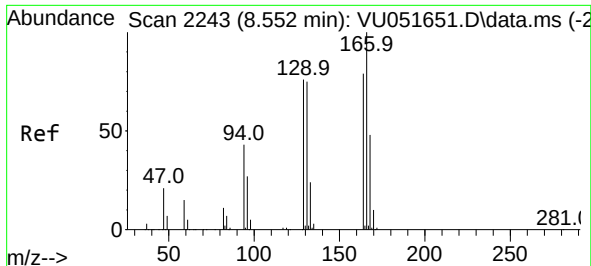
97 100

99 7.7 43.4 80.6#

83 0.0 61.3 113.9#

85 0.0 39.8 73.8#





#47

Tetrachloroethene

Concen: 0.565 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

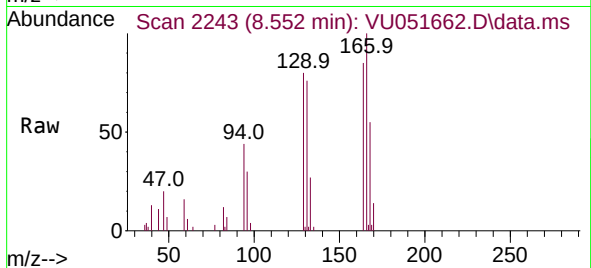
Lab File: VU051662.D

Acq: 01 Nov 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 8841

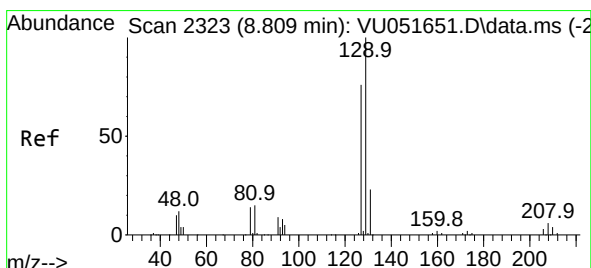
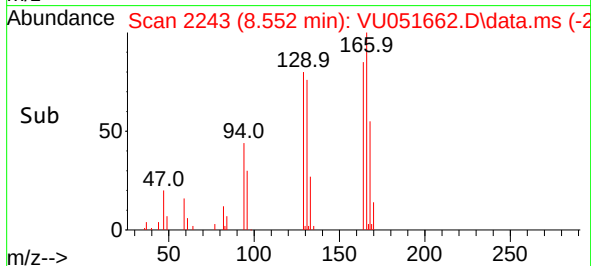
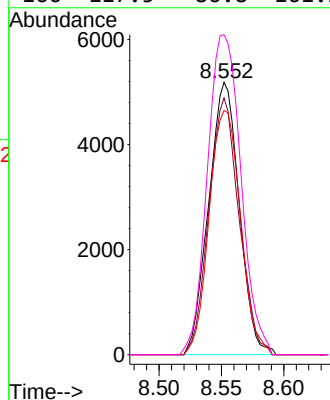
Ion Ratio Lower Upper

164 100

129 94.3 64.0 118.8

131 89.7 60.7 112.7

166 117.5 86.8 161.2



#49

Dibromochloromethane

Concen: 0.450 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051662.D

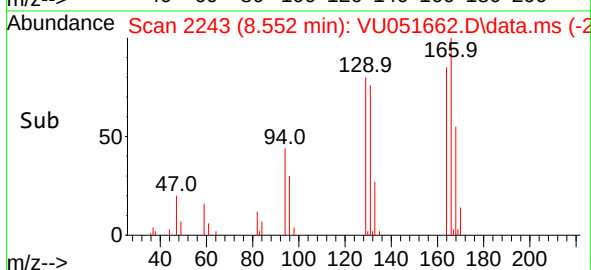
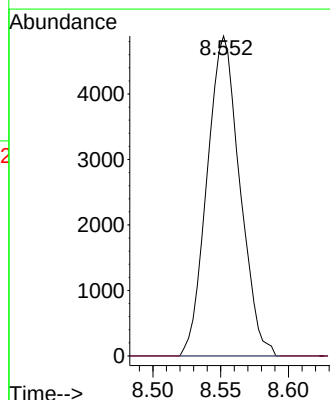
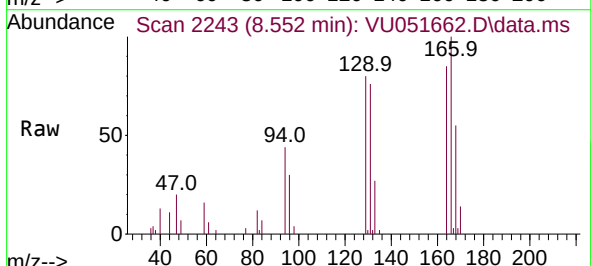
Acq: 01 Nov 2022 18:29

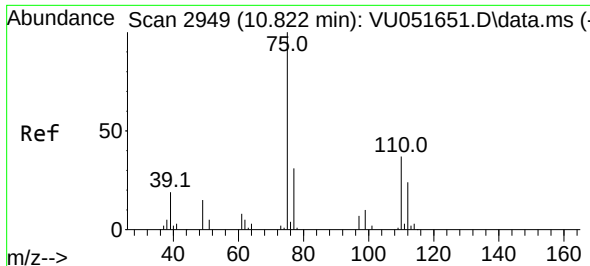
Tgt Ion:129 Resp: 8217

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#

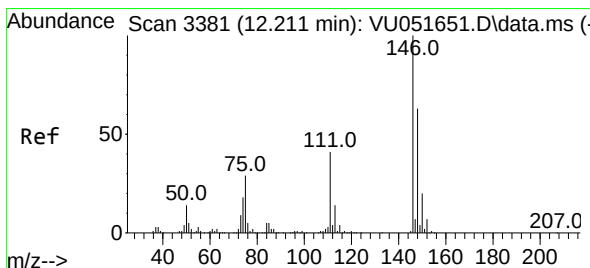
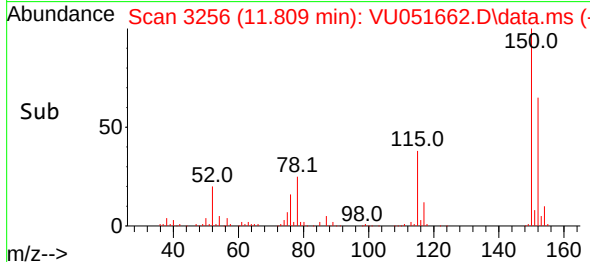
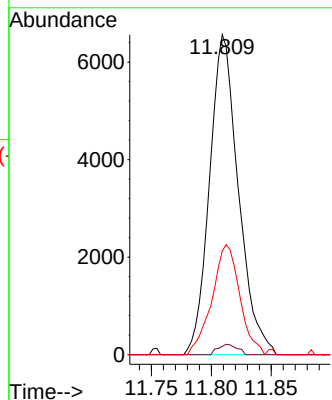
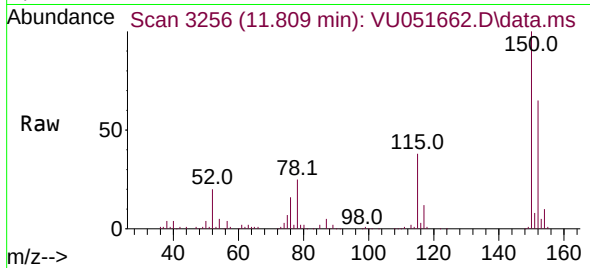




#61
1,2,3-Trichloropropane
Concen: 0.912 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10969
Ion Ratio Lower Upper
75 100
110 2.1 28.7 43.1#
77 33.1 26.1 39.1



#67
1,2-Dichlorobenzene
Concen: 0.152 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051662.D
Acq: 01 Nov 2022 18:29

Tgt Ion: 146 Resp: 4991
Ion Ratio Lower Upper
146 100
111 58.4 34.2 51.2#
148 67.9 50.1 75.1

