

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051622.D
 Acq On : 31 Oct 2022 19:41
 Operator : JC/MD
 Sample : N5353-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV1

Quant Time: Nov 01 01:29:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

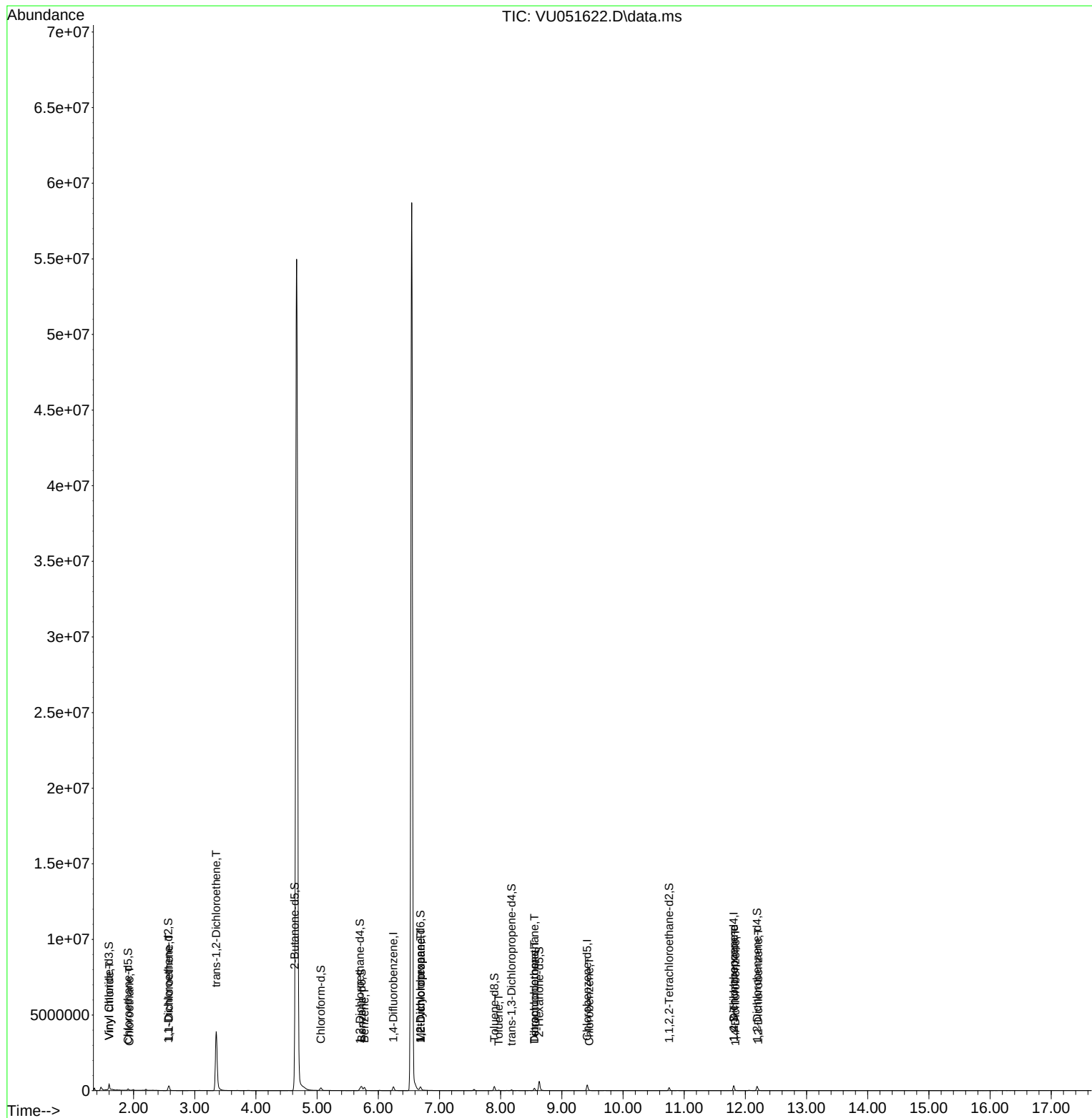
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52279	3.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.909	69	63981	3.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.565	65	19735	3.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.633	46	323833	57.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.520%
24) Chloroform-d	5.060	84	156157	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	87746	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.726	84	274739	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.690	67	106463	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.896	98	187967	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.179	79	29761	4.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.629	63	211101	48.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101973	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	74335	4.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	101223	3.697	ug/L #	10
8) Chloroethane	1.932	64	3836	0.231	ug/L #	59
12) 1,1-Dichloroethene	2.578	96	98433	5.461	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	1843229	95.278	ug/L	99
33) Benzene	5.774	78	207412	2.448	ug/L	100
35) Methylcyclohexane	6.690	83	22439	0.794	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	10745	0.493	ug/L #	91
42) Toluene	7.967	91	23221	0.267	ug/L	93
47) Tetrachloroethene	8.552	164	35666	2.277	ug/L	94
49) Dibromochloromethane	8.552	129	34487	1.890	ug/L #	10
51) Chlorobenzene	9.446	112	13108	0.239	ug/L	95
61) 1,2,3-Trichloropropane	11.812	75	11874	1.023	ug/L #	68
65) 1,4-Dichlorobenzene	11.835	146	5739	0.176	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	20778	0.654	ug/L	95

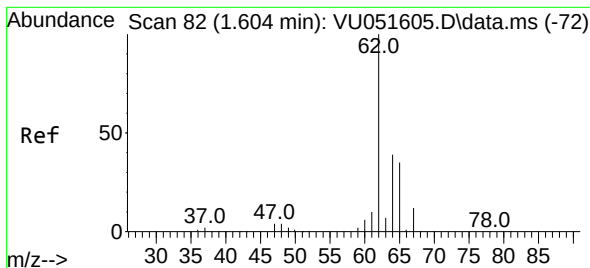
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 01 01:25:31 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.697 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051622.D

Acq: 31 Oct 2022 19:41

Instrument :

MSVOA_U

ClientSampleId :

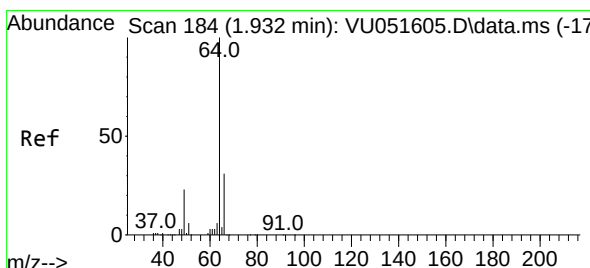
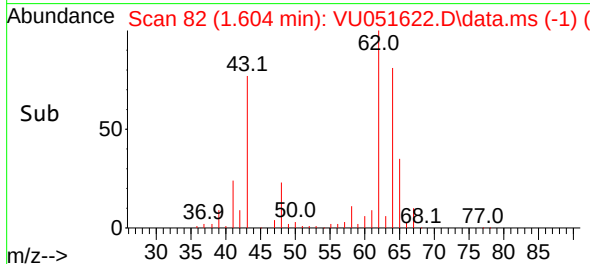
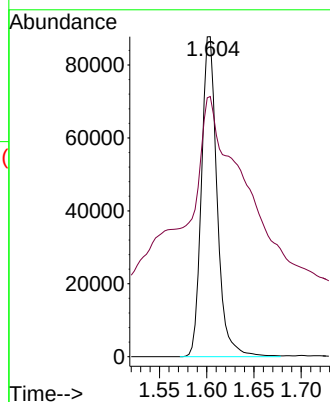
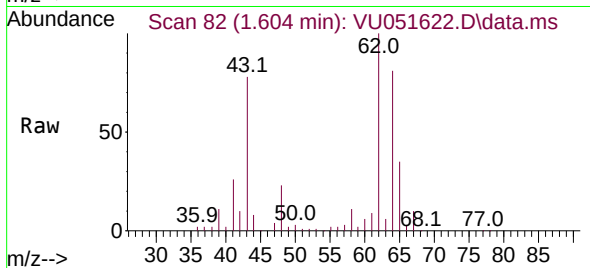
DBVV1

Tgt Ion: 62 Resp: 101223

Ion Ratio Lower Upper

62 100

64 81.3 22.1 41.1#



#8

Chloroethane

Concen: 0.231 ug/L

RT: 1.932 min Scan# 184

Delta R.T. 0.000 min

Lab File: VU051622.D

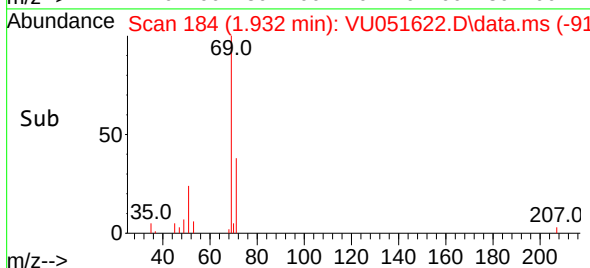
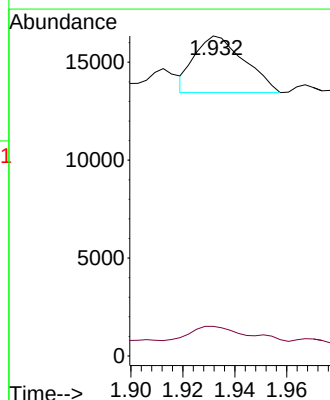
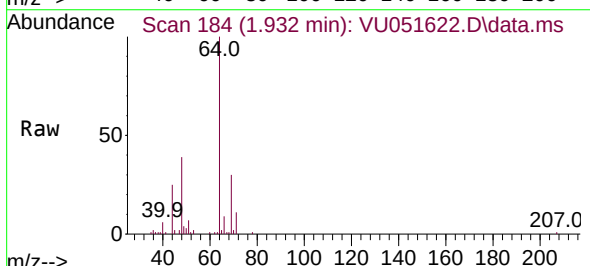
Acq: 31 Oct 2022 19:41

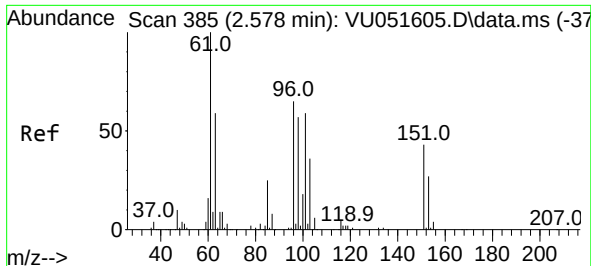
Tgt Ion: 64 Resp: 3836

Ion Ratio Lower Upper

64 100

66 9.2 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 5.461 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051622.D

Acq: 31 Oct 2022 19:41

Instrument :

MSVOA_U

ClientSampleId :

DBVV1

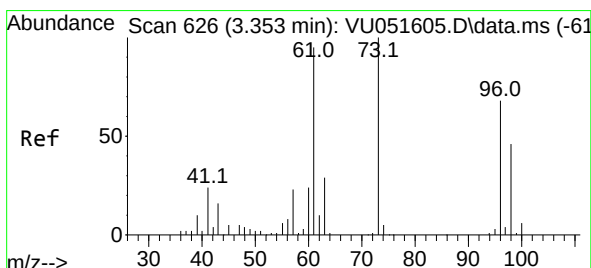
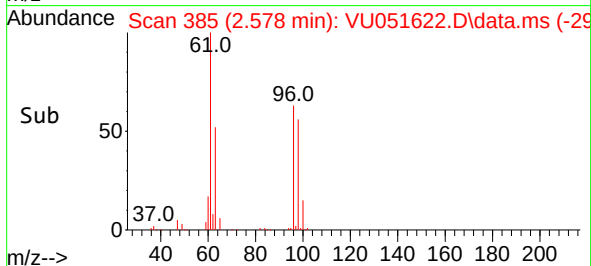
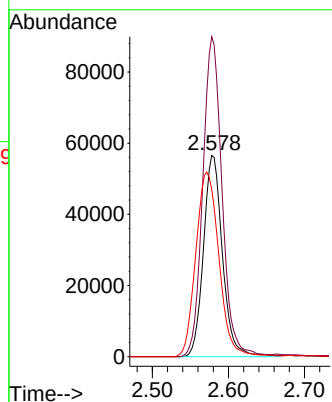
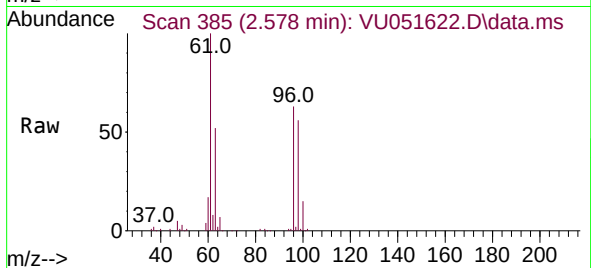
Tgt Ion: 96 Resp: 98433

Ion Ratio Lower Upper

96 100

61 158.9 108.8 202.0

63 83.1 64.9 120.5



#18

trans-1,2-Dichloroethene

Concen: 95.278 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051622.D

Acq: 31 Oct 2022 19:41

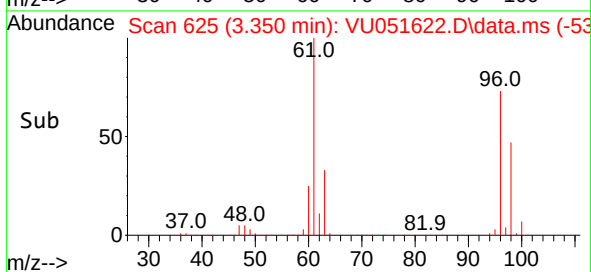
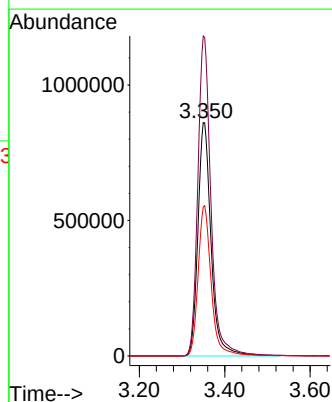
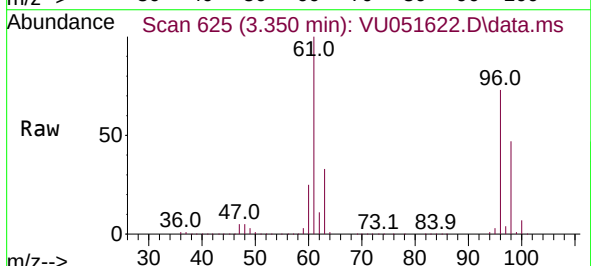
Tgt Ion: 96 Resp: 1843229

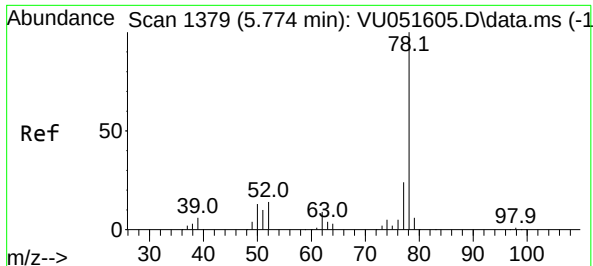
Ion Ratio Lower Upper

96 100

61 137.0 94.7 175.9

98 63.9 44.2 82.0

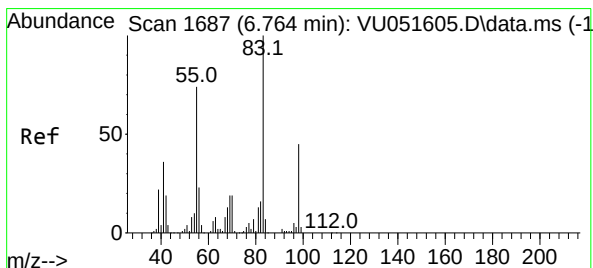
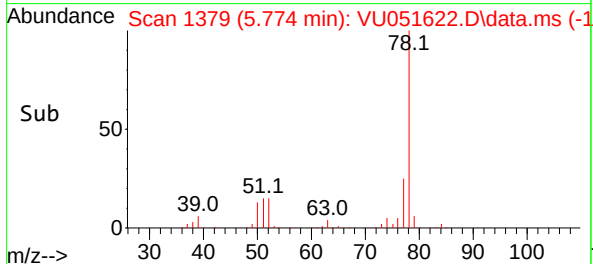
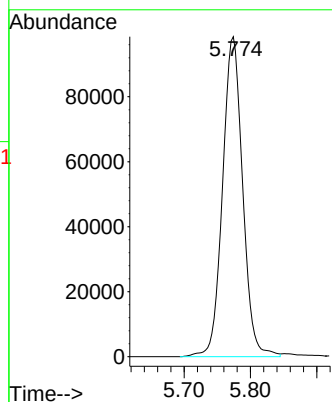
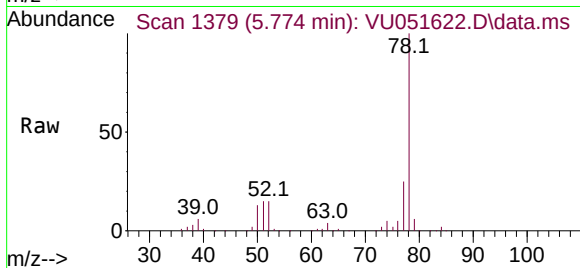




#33
Benzene
Concen: 2.448 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

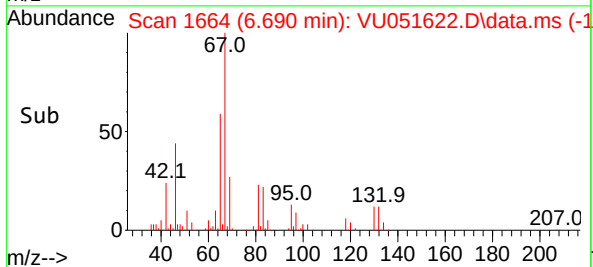
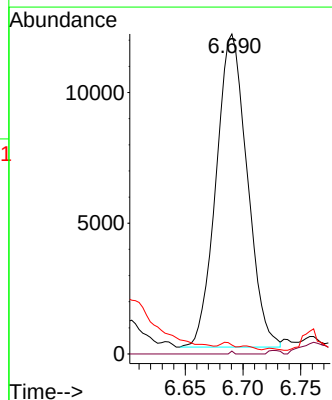
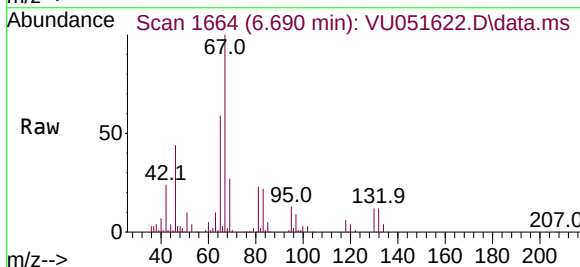
Instrument :
MSVOA_U
ClientSampleId :
DBWV1

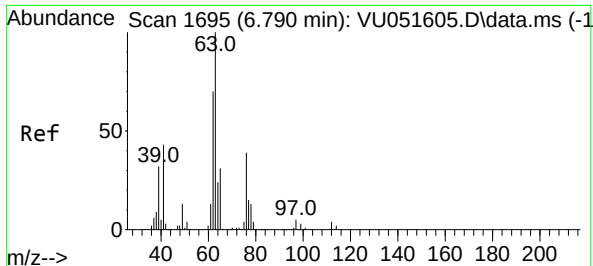
Tgt Ion: 78 Resp: 207412



#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Tgt Ion: 83 Resp: 22439
Ion Ratio Lower Upper
83 100
55 0.4 60.6 90.8#
98 0.0 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.493 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU051622.D

Acq: 31 Oct 2022 19:41

Instrument :

MSVOA_U

ClientSampleId :

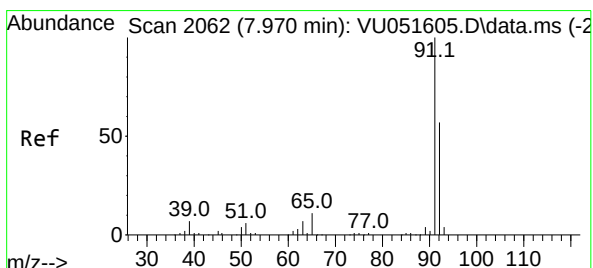
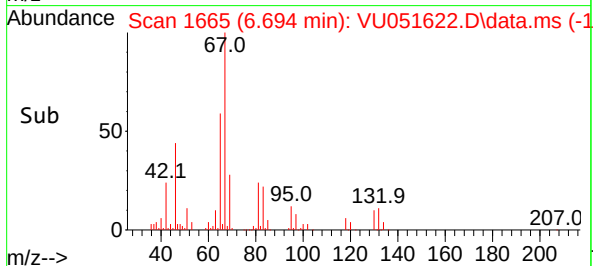
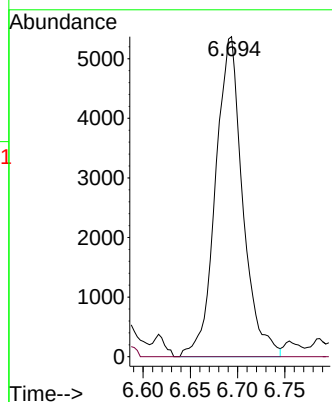
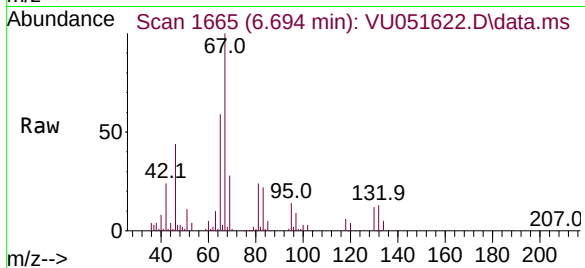
DBVV1

Tgt Ion: 63 Resp: 10745

Ion Ratio Lower Upper

63 100

112 1.0 3.3 4.9#



#42

Toluene

Concen: 0.267 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU051622.D

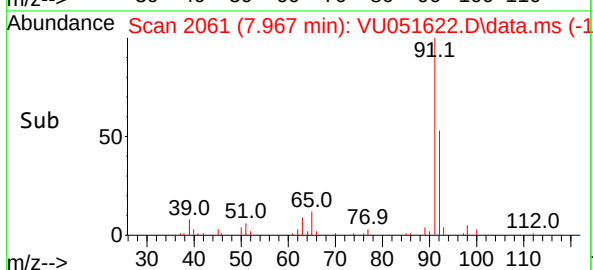
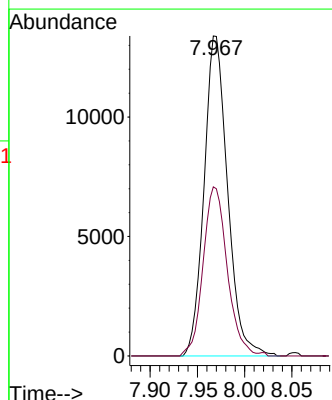
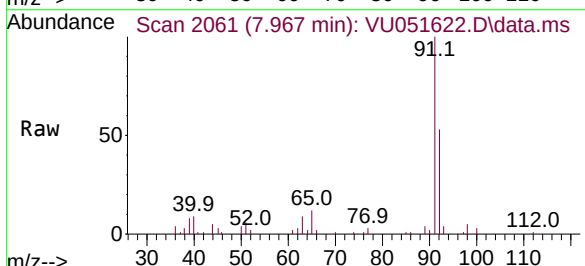
Acq: 31 Oct 2022 19:41

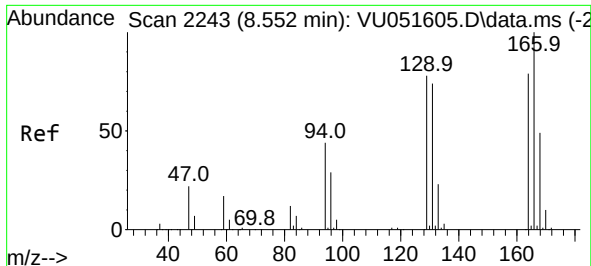
Tgt Ion: 91 Resp: 23221

Ion Ratio Lower Upper

91 100

92 52.9 40.5 75.3





#47

Tetrachloroethene

Concen: 2.277 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051622.D

Acq: 31 Oct 2022 19:41

Instrument :

MSVOA_U

ClientSampleId :

DBWV1

Tgt Ion:164 Resp: 35666

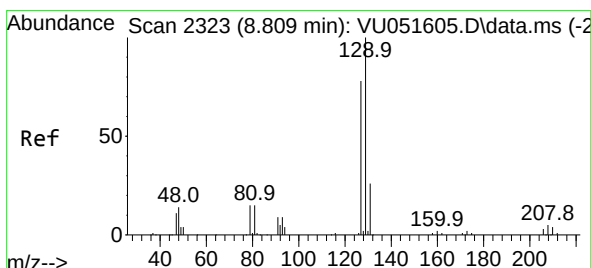
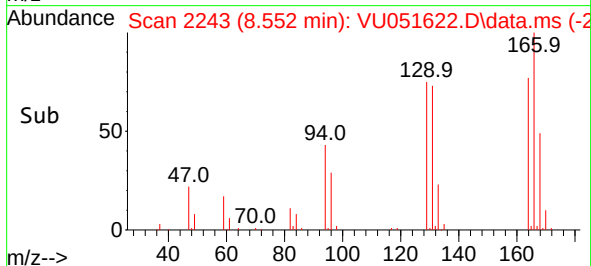
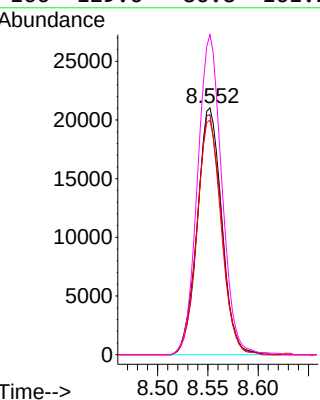
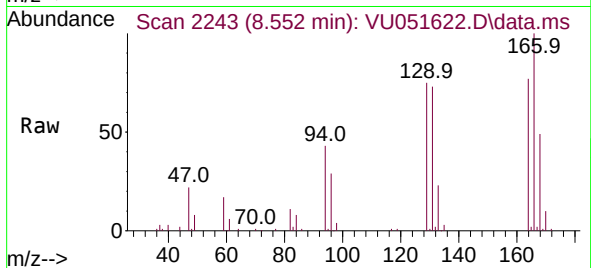
Ion Ratio Lower Upper

164 100

129 97.2 64.0 118.8

131 95.0 60.7 112.7

166 129.6 86.8 161.2



#49

Dibromochloromethane

Concen: 1.890 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051622.D

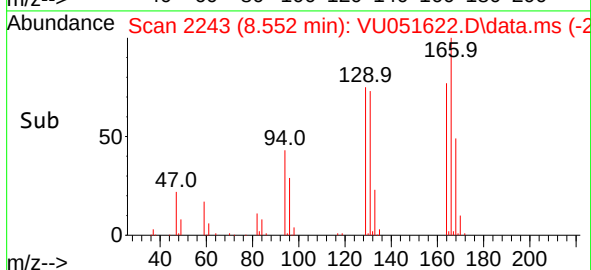
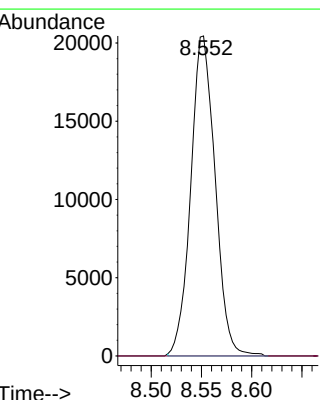
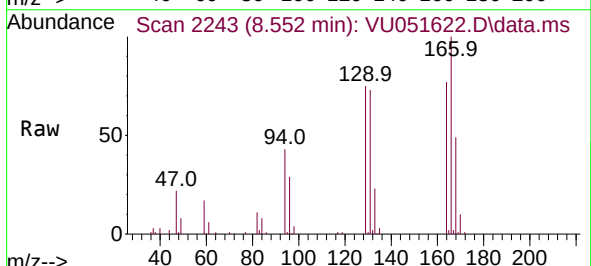
Acq: 31 Oct 2022 19:41

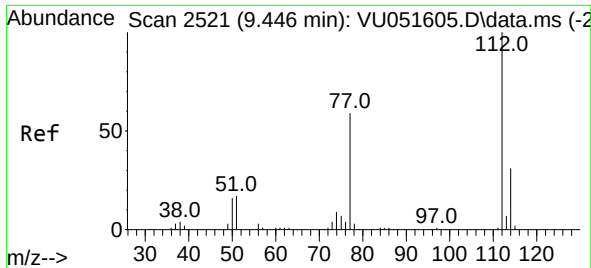
Tgt Ion:129 Resp: 34487

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#

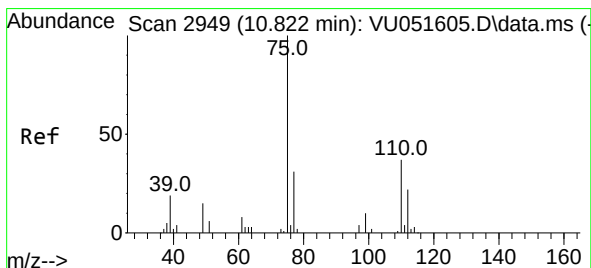
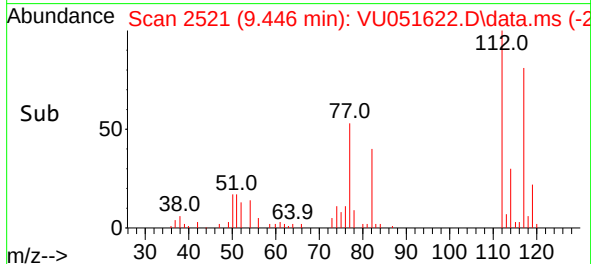
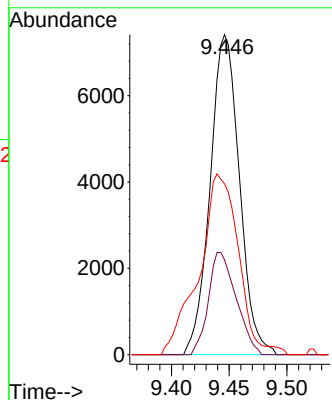
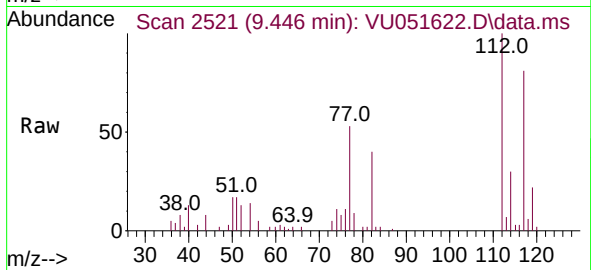




#51
Chlorobenzene
Concen: 0.239 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

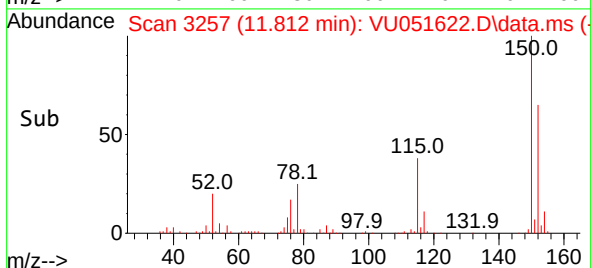
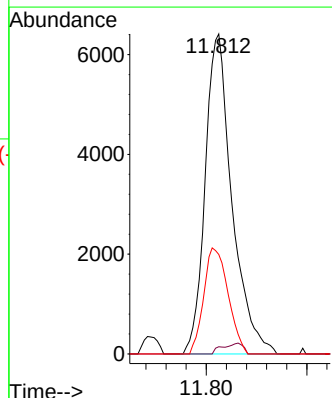
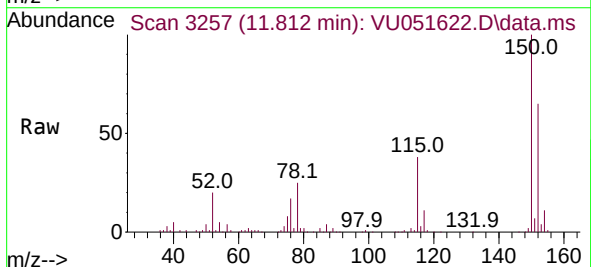
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DBWV1

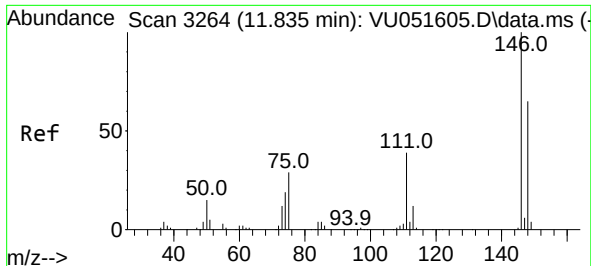
Tgt Ion:112 Resp: 13108
Ion Ratio Lower Upper
112 100
114 29.6 22.0 40.8
77 53.4 46.7 70.1



#61
1,2,3-Trichloropropane
Concen: 1.023 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Tgt Ion: 75 Resp: 11874
Ion Ratio Lower Upper
75 100
110 2.6 28.7 43.1#
77 30.0 26.1 39.1

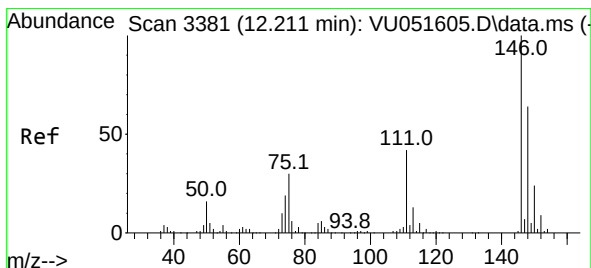
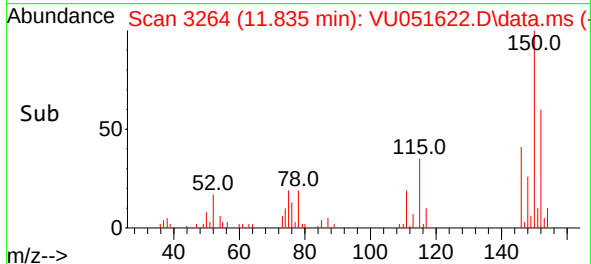
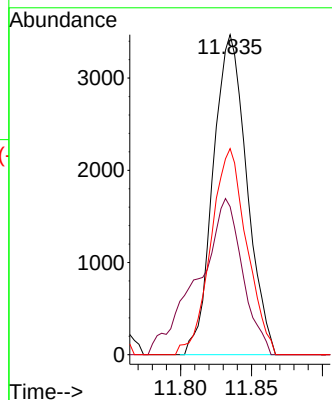
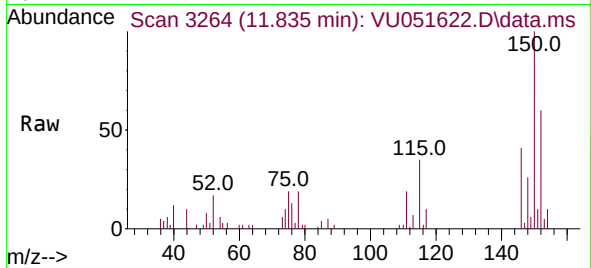




#65
1,4-Dichlorobenzene
Concen: 0.176 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBVV1

Tgt Ion:146 Resp: 5739
Ion Ratio Lower Upper
146 100
111 46.2 26.7 49.5
148 64.4 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 0.654 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051622.D
Acq: 31 Oct 2022 19:41

Tgt Ion:146 Resp: 20778
Ion Ratio Lower Upper
146 100
111 48.9 34.2 51.2
148 64.6 50.1 75.1

