

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
 Data File : VV027107.D
 Acq On : 30 Jul 2022 01:05
 Operator : SY/MD
 Sample : N3956-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF03

Quant Time: Jul 30 04:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 01:28:32 2022
 Response via : Initial Calibration

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

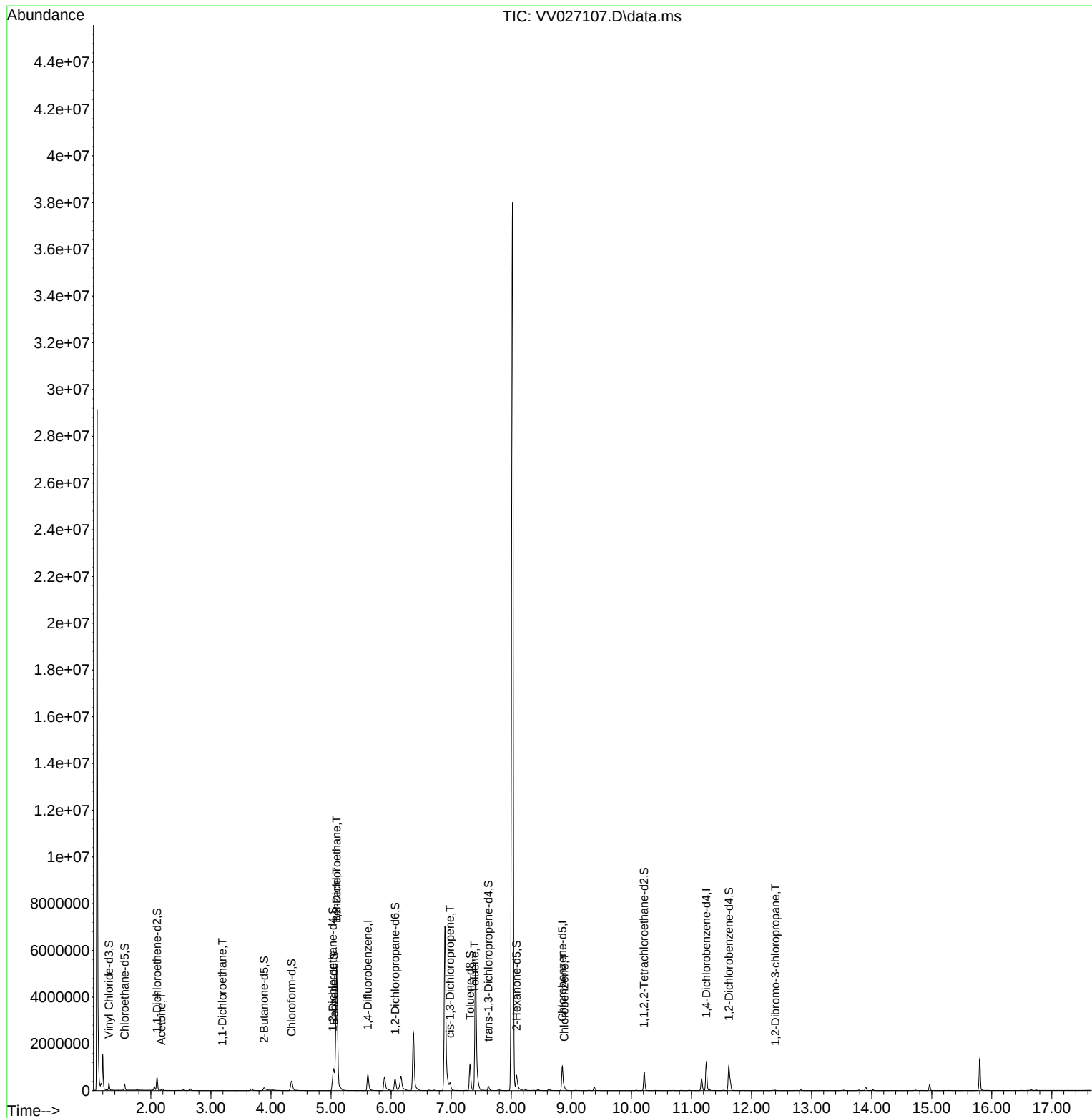
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	640606	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	608738	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	321907	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	202790	33.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.540%
7) Chloroethane-d5	1.564	69	170831	35.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.760%
11) 1,1-Dichloroethene-d2	2.101	63	285680	27.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.060%#
21) 2-Butanone-d5	3.886	46	225550	64.904	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.900%
24) Chloroform-d	4.342	84	404176	36.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.640%
26) 1,2-Dichloroethane-d4	5.027	65	245738	39.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.880%
32) Benzene-d6	5.047	84	875098	40.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	6.066	67	273992	41.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	7.313	98	770942	39.900	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.800%#
43) trans-1,3-Dichloroprop...	7.619	79	115993	40.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.260%
47) 2-Hexanone-d5	8.088	63	272448	96.865	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	389132	39.446	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.900%
66) 1,2-Dichlorobenzene-d4	11.622	152	286162	39.545	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.080%#
Target Compounds						Qvalue
13) Acetone	2.175	43	8035	3.122	ug/L	97
19) 1,1-Dichloroethane	3.191	63	9342	1.047	ug/L	96
27) 1,2-Dichloroethane	5.092	62	41040	6.341	ug/L #	70
33) Benzene	5.092	78	5692797	290.187	ug/L	100
39) cis-1,3-Dichloropropene	6.982	75	7138	1.013	ug/L #	45
42) Toluene	7.391	91	32400	1.602	ug/L	96
51) Chlorobenzene	8.882	112	96595	7.081	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.397	75	4538	2.564	ug/L #	6

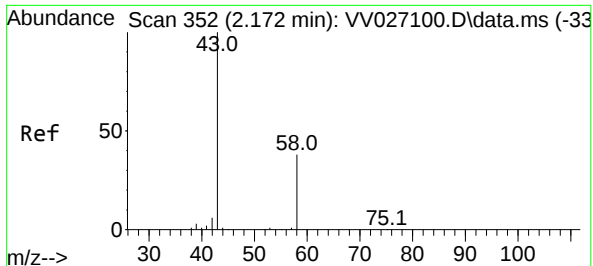
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 30 01:28:32 2022
Response via : Initial Calibration





#13

Acetone

Concen: 3.122 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027107.D

Acq: 30 Jul 2022 01:05

Instrument :

MSVOA_V

ClientSampleId :

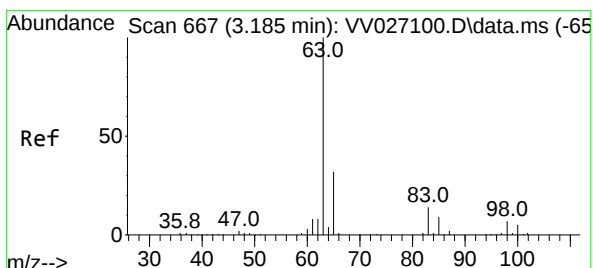
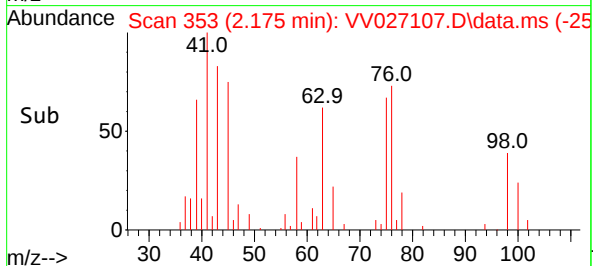
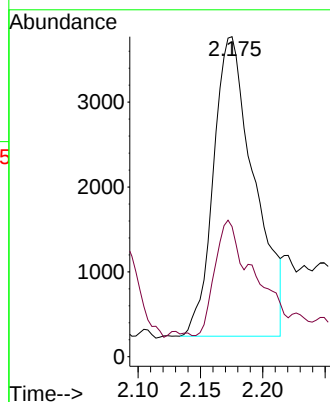
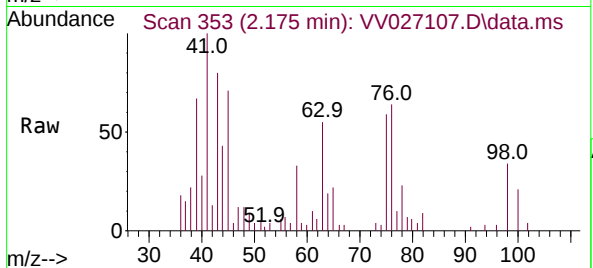
EXF03

Tgt Ion: 43 Resp: 8035

Ion Ratio Lower Upper

43 100

58 23.4 0.0 49.6



#19

1,1-Dichloroethane

Concen: 1.047 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV027107.D

Acq: 30 Jul 2022 01:05

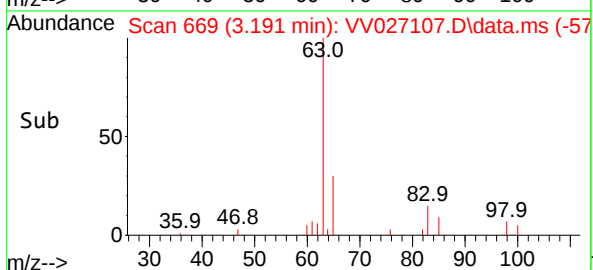
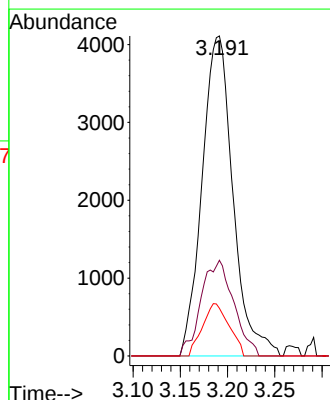
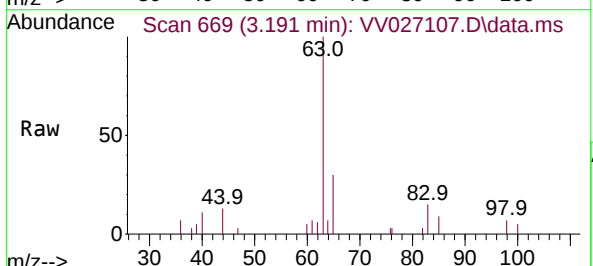
Tgt Ion: 63 Resp: 9342

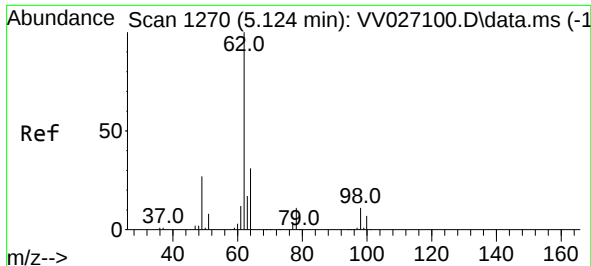
Ion Ratio Lower Upper

63 100

65 29.9 22.7 42.3

83 14.9 9.5 17.7





#27

1,2-Dichloroethane

Concen: 6.341 ug/L

RT: 5.092 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV027107.D

Acq: 30 Jul 2022 01:05

Instrument :

MSVOA_V

ClientSampleId :

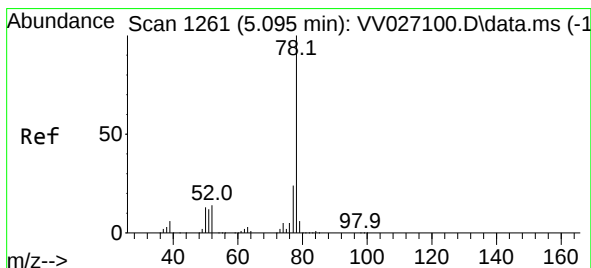
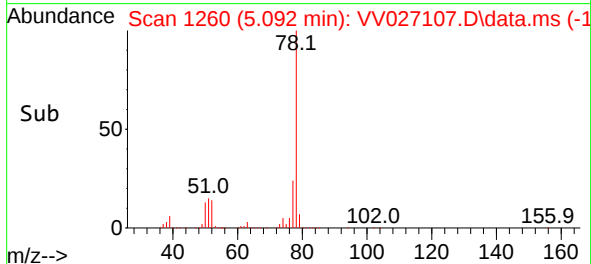
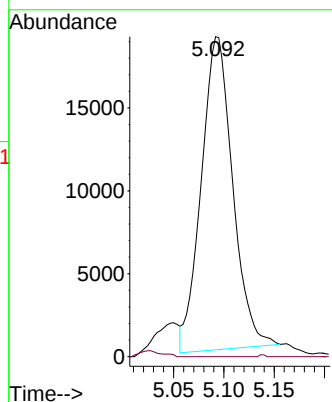
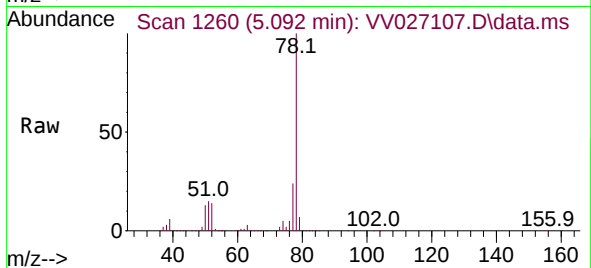
EXF03

Tgt Ion: 62 Resp: 41040

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#33

Benzene

Concen: 290.187 ug/L

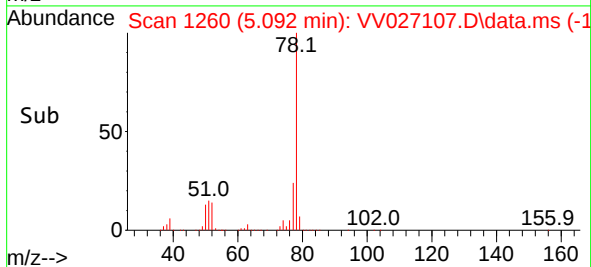
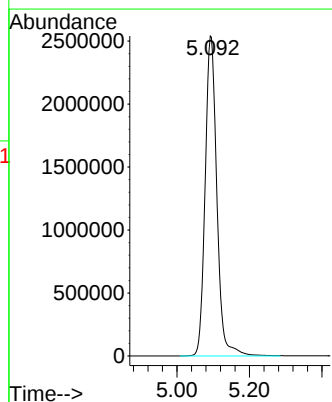
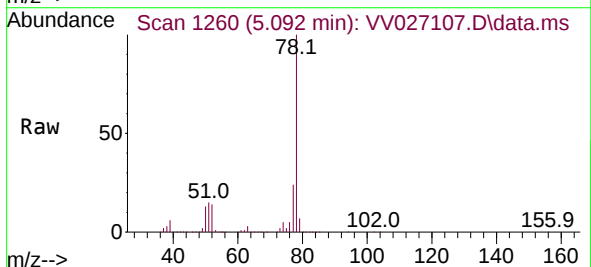
RT: 5.092 min Scan# 1260

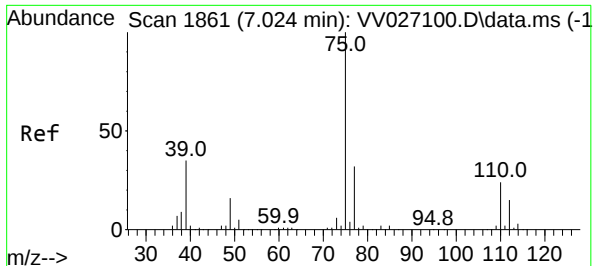
Delta R.T. -0.003 min

Lab File: VV027107.D

Acq: 30 Jul 2022 01:05

Tgt Ion: 78 Resp: 5692797





#39

cis-1,3-Dichloropropene

Concen: 1.013 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027107.D

Acq: 30 Jul 2022 01:05

Instrument :

MSVOA_V

ClientSampleId :

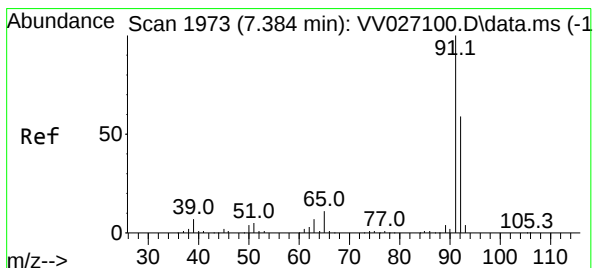
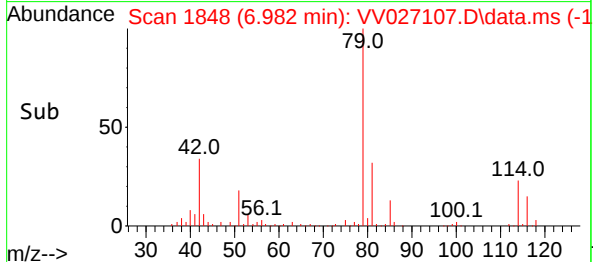
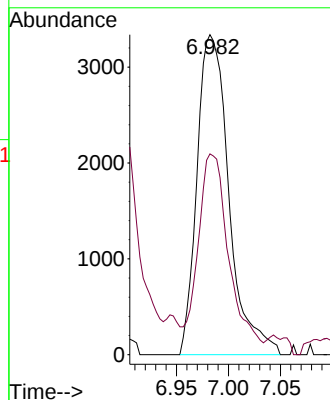
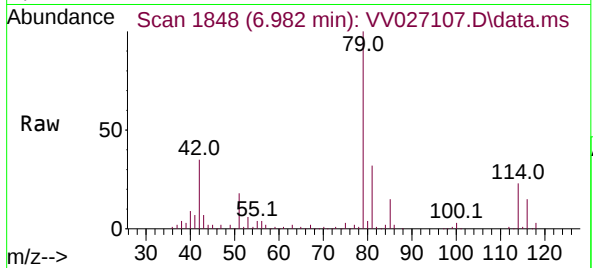
EXF03

Tgt Ion: 75 Resp: 7138

Ion Ratio Lower Upper

75 100

77 62.8 22.5 41.7#



#42

Toluene

Concen: 1.602 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV027107.D

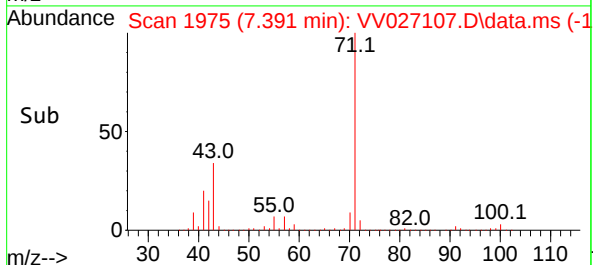
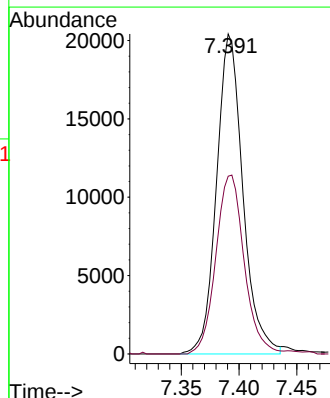
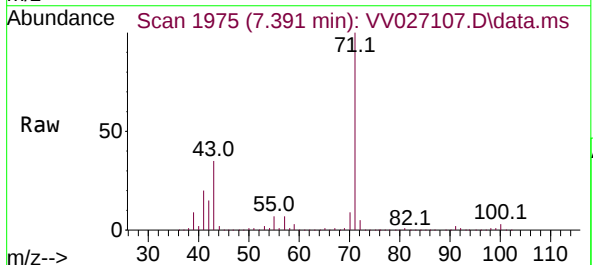
Acq: 30 Jul 2022 01:05

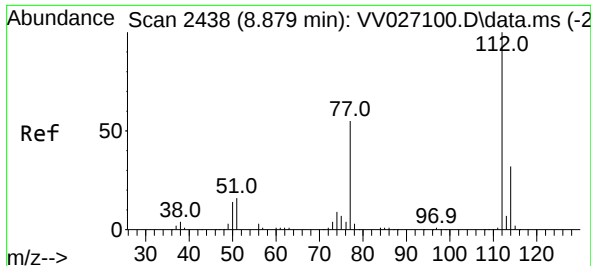
Tgt Ion: 91 Resp: 32400

Ion Ratio Lower Upper

91 100

92 55.6 40.9 76.0

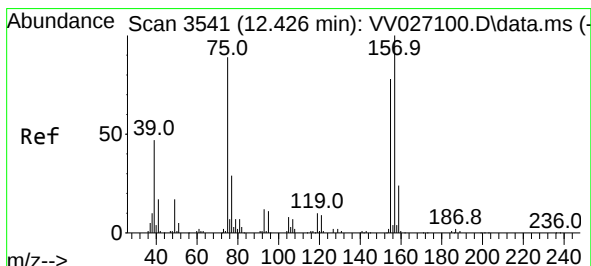
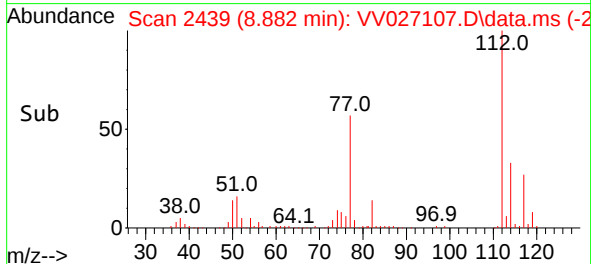
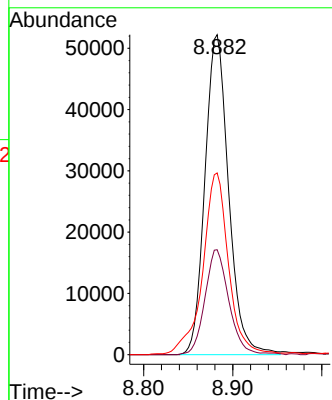
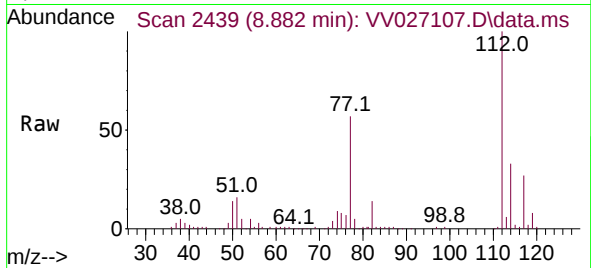




#51
Chlorobenzene
Concen: 7.081 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV027107.D
Acq: 30 Jul 2022 01:05

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Tgt Ion:112 Resp: 96595
Ion Ratio Lower Upper
112 100
114 32.8 22.8 42.4
77 56.8 44.2 66.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.564 ug/L
RT: 12.397 min Scan# 3532
Delta R.T. -0.029 min
Lab File: VV027107.D
Acq: 30 Jul 2022 01:05

Tgt Ion: 75 Resp: 4538
Ion Ratio Lower Upper
75 100
155 5.7 69.1 103.7#
157 5.3 87.8 131.8#

