

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027149.D
 Acq On : 02 Aug 2022 00:58
 Operator : SY/MD
 Sample : N3956-08DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF05DL

Quant Time: Aug 02 01:19:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:27:15 2022
 Response via : Initial Calibration

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

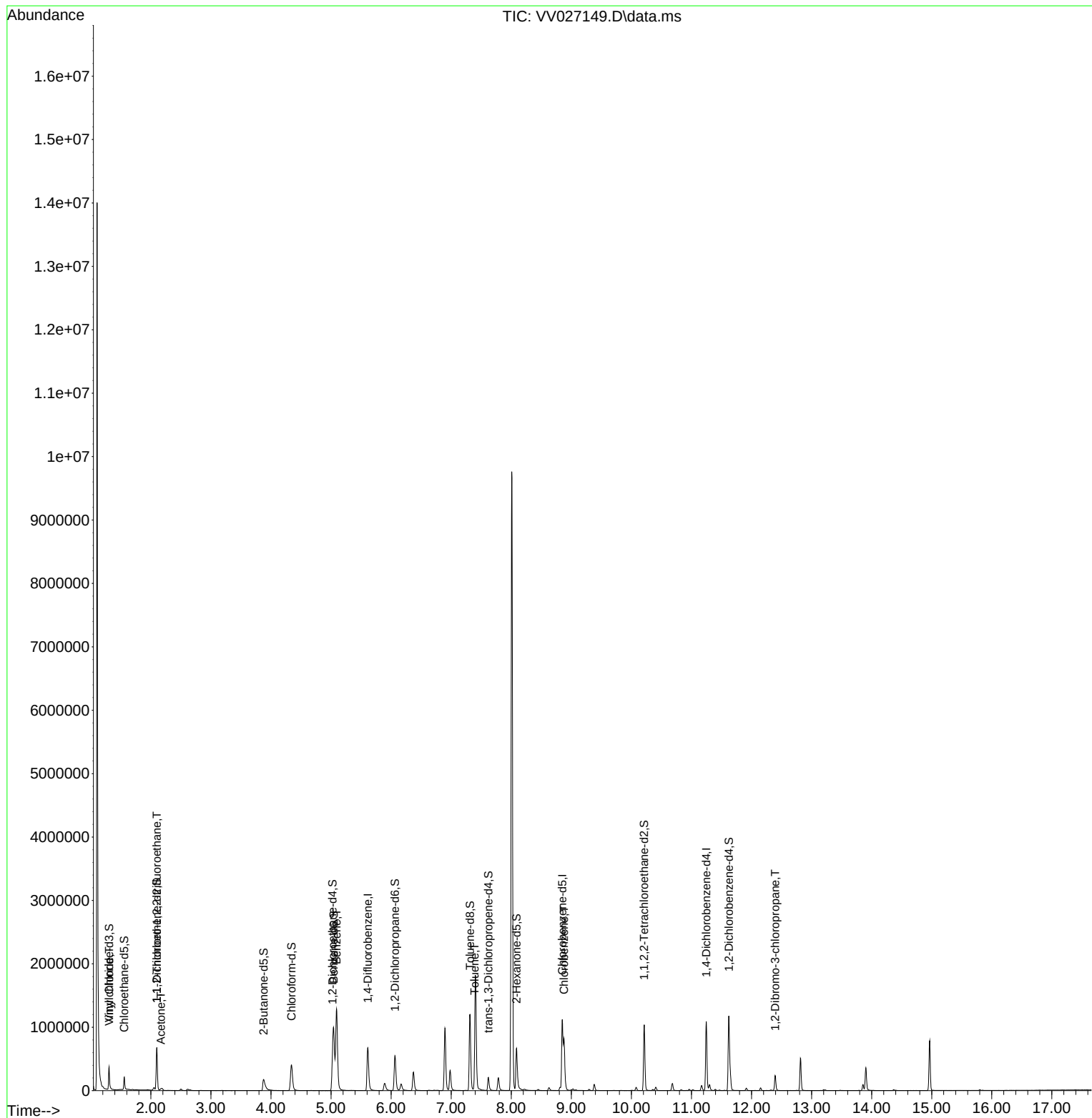
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	623952	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	614418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	291995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	273050	67.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	135.040%#
7) Chloroethane-d5	1.558	69	126272	41.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.460%
11) 1,1-Dichloroethene-d2	2.098	63	350980	45.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.160%
21) 2-Butanone-d5	3.876	46	284807	106.977	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	4.343	84	438541	53.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.300%
26) 1,2-Dichloroethane-d4	5.024	65	264438	57.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.040%
32) Benzene-d6	5.043	84	937223	57.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.300%
36) 1,2-Dichloropropane-d6	6.063	67	293040	58.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.540%
41) Toluene-d8	7.313	98	824216	56.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.460%
43) trans-1,3-Dichloroprop...	7.619	79	125333	56.780	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.560%
47) 2-Hexanone-d5	8.088	63	262638	135.262	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.260%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	404553	53.810	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.620%
66) 1,2-Dichlorobenzene-d4	11.622	152	305945	59.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.240%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	5879	0.998	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	3276	0.736	ug/L #	20
13) Acetone	2.166	43	22715	10.104	ug/L	99
33) Benzene	5.092	78	1364012	72.382	ug/L	100
42) Toluene	7.391	91	52951	2.724	ug/L	99
51) Chlorobenzene	8.879	112	452159	33.610	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.394	75	39251	24.201	ug/L #	3

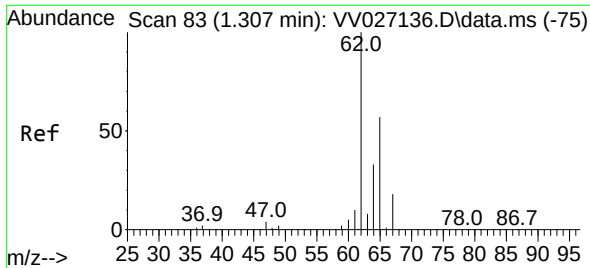
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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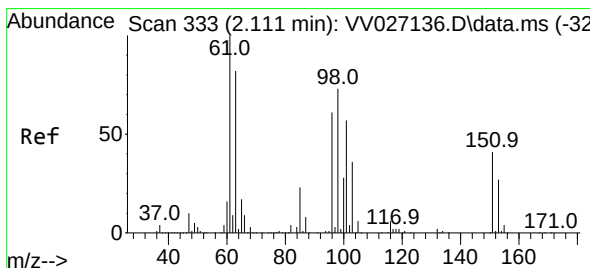
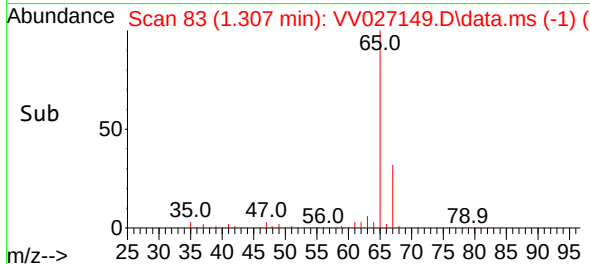
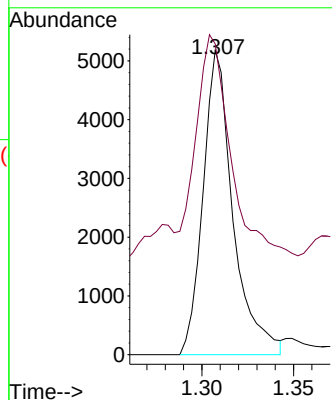
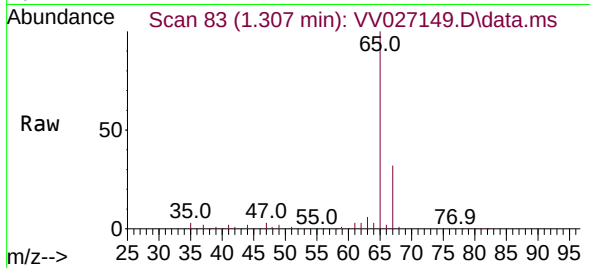




#5
 Vinyl chloride
 Concen: 0.998 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027149.D
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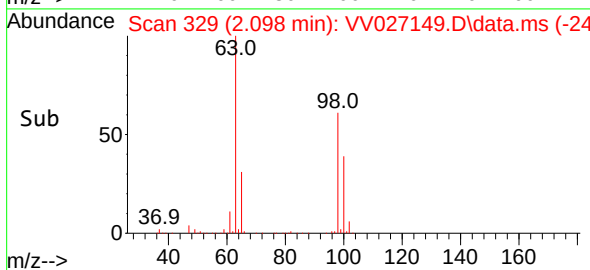
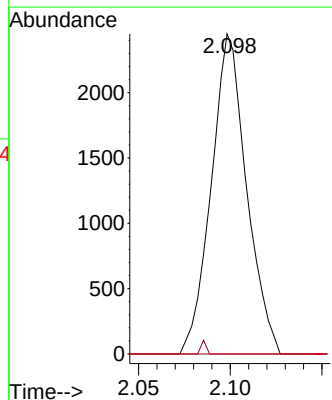
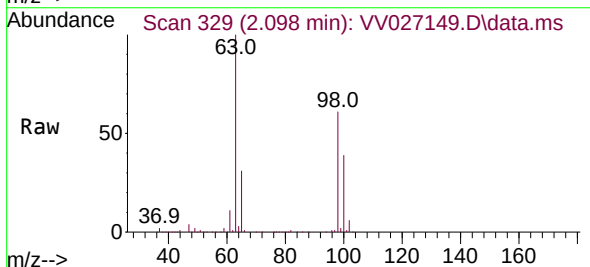
Instrument :
 MSVOA_V
 ClientSampleId :
 EXF05DL

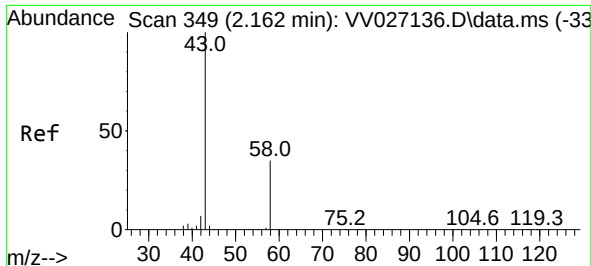
Tgt Ion: 62 Resp: 5879
 Ion Ratio Lower Upper
 62 100
 64 102.0 23.1 42.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.736 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.013 min
 Lab File: VV027149.D
 Acq: 02 Aug 2022 00:58

Tgt Ion: 101 Resp: 3276
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.9 50.9#
 151 0.0 58.4 87.6#





#13

Acetone

Concen: 10.104 ug/L

RT: 2.166 min Scan# 349

Delta R.T. 0.003 min

Lab File: VV027149.D

Acq: 02 Aug 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

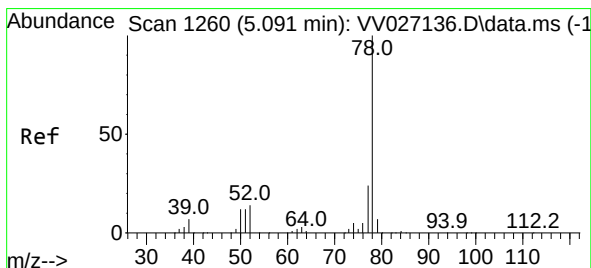
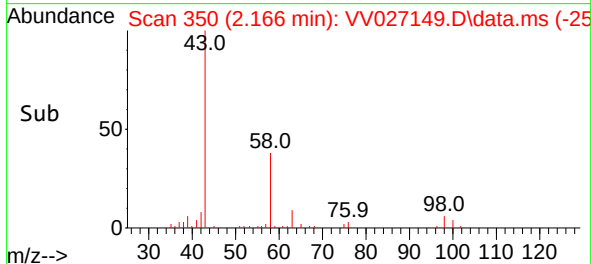
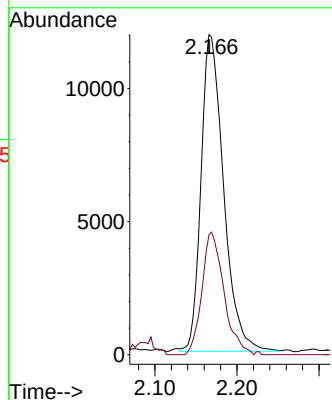
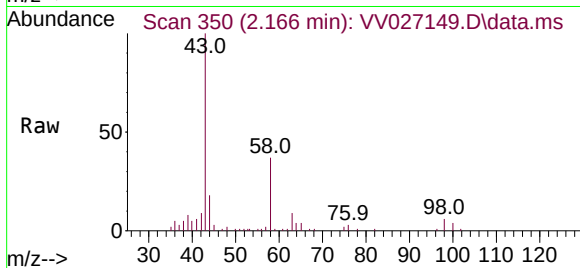
EXF05DL

Tgt Ion: 43 Resp: 22715

Ion Ratio Lower Upper

43 100

58 37.6 0.0 73.6



#33

Benzene

Concen: 72.382 ug/L

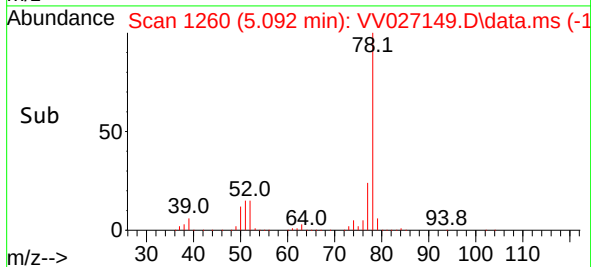
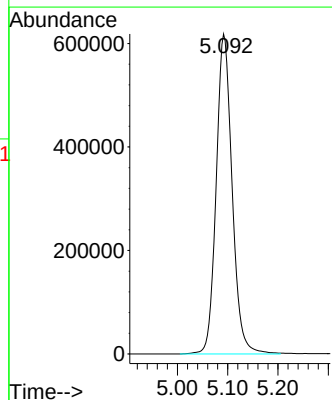
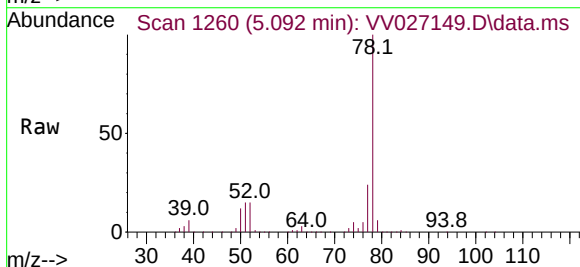
RT: 5.092 min Scan# 1260

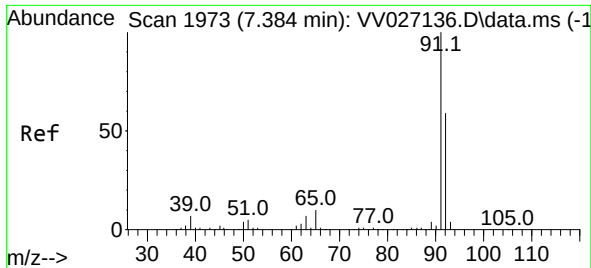
Delta R.T. 0.000 min

Lab File: VV027149.D

Acq: 02 Aug 2022 00:58

Tgt Ion: 78 Resp: 1364012





#42

Toluene

Concen: 2.724 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.007 min

Lab File: VV027149.D

Acq: 02 Aug 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

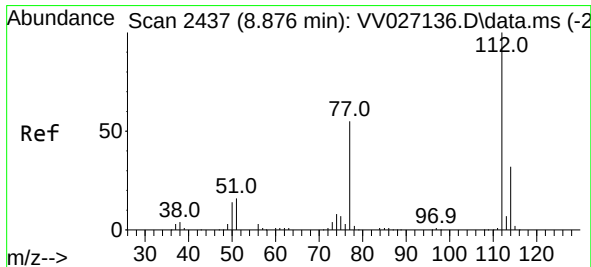
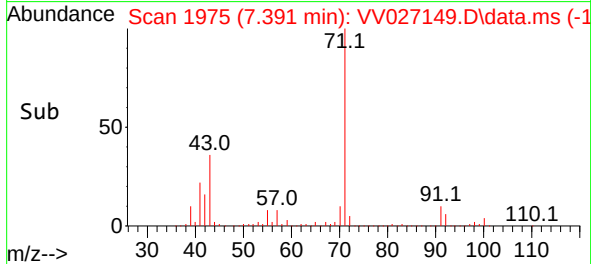
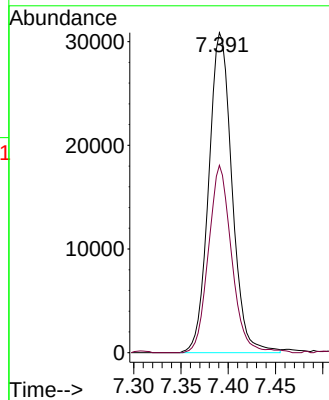
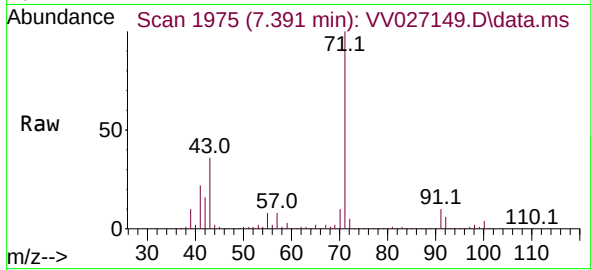
EXF05DL

Tgt Ion: 91 Resp: 52951

Ion Ratio Lower Upper

91 100

92 58.6 41.6 77.3



#51

Chlorobenzene

Concen: 33.610 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027149.D

Acq: 02 Aug 2022 00:58

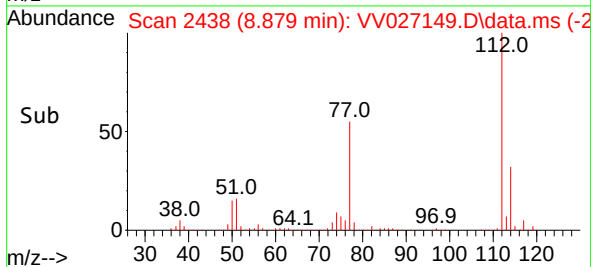
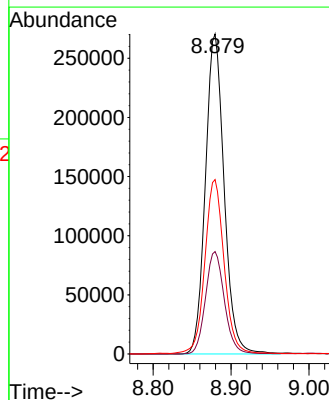
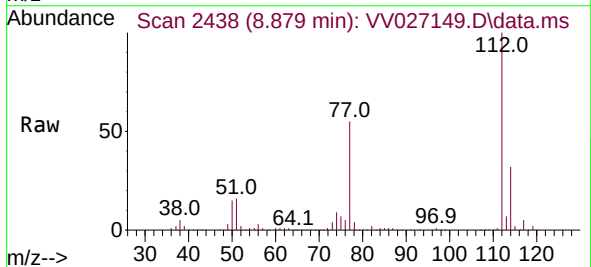
Tgt Ion: 112 Resp: 452159

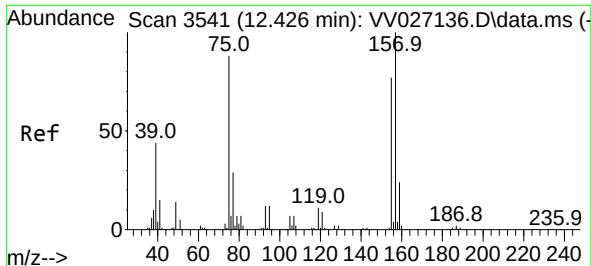
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 54.5 44.9 67.3





#68

1,2-Dibromo-3-chloropropane

Concen: 24.201 ug/L

RT: 12.394 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV027149.D

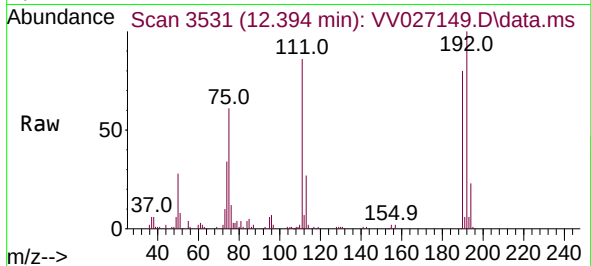
Acq: 02 Aug 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

EXF05DL



Tgt Ion: 75 Resp: 39251

Ion Ratio Lower Upper

75 100

155 2.9 69.6 104.4#

157 2.6 88.1 132.1#

