

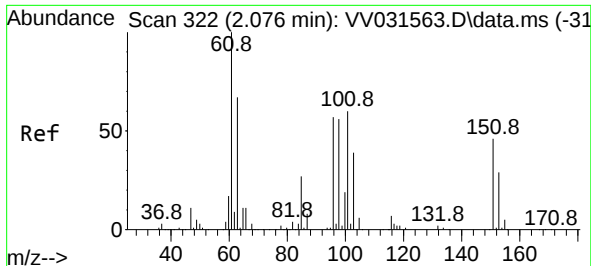
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031580.D
 Acq On : 16 Jun 2023 17:04
 Operator : SY/MD
 Sample : 03249-13DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT2DL

Quant Time: Jun 17 02:30:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	158183	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	160401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	78488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43920	41.719	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.440%	
7) Chloroethane-d5	1.539	69	42553	46.325	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.660%	
11) 1,1-Dichloroethene-d2	2.066	65	23676	43.636	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.280%	
21) 2-Butanone-d5	3.802	46	81546	95.661	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.660%	
24) Chloroform-d	4.262	84	119947	45.494	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.980%	
26) 1,2-Dichloroethane-d4	4.950	65	78618	47.659	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.320%	
32) Benzene-d6	4.969	84	208582	46.198	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	5.995	67	75955	47.465	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.920%	
41) Toluene-d8	7.252	98	170556	41.166	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	82.340%	
43) trans-1,3-Dichloroprop...	7.561	79	33756	43.271	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.540%	
47) 2-Hexanone-d5	8.034	63	57071	90.327	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.330%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	114619	47.453	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.900%	
66) 1,2-Dichlorobenzene-d4	11.567	152	77001	51.467	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.940%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	1621	1.385	ug/L	# 1
16) Methylene chloride	2.455	84	3290	2.242	ug/L	90
19) 1,1-Dichloroethane	3.124	63	38635	14.652	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	62581	47.398	ug/L	94
30) 1,1,1-Trichloroethane	4.526	97	34763	13.517	ug/L	99
39) cis-1,3-Dichloropropene	6.918	75	2064	0.887	ug/L	95
63) 1,2,4-Trimethylbenzene	10.863	105	5726	1.486	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	2482	1.481	ug/L	97
71) Naphthalene	13.448	128	16975	4.000	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	3066	1.761	ug/L	90

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



#12

1,1-Dichloroethene

Concen: 1.385 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

Instrument :

MSVOA_V

ClientSampleId :

EXYT2DL

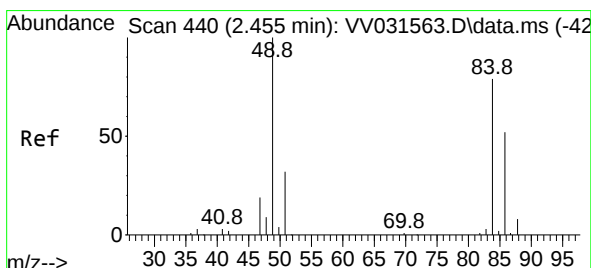
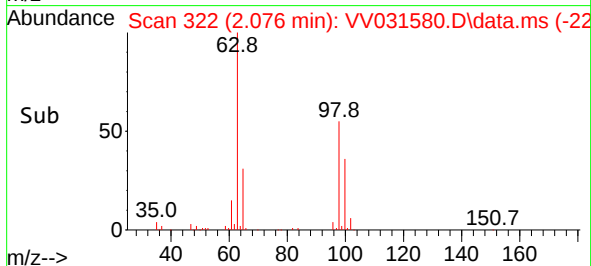
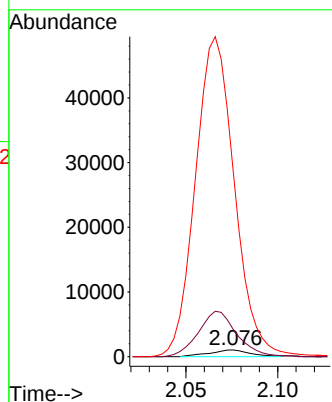
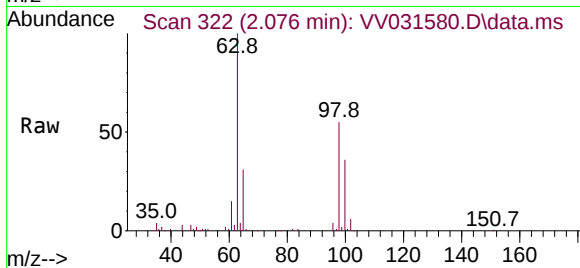
Tgt Ion: 96 Resp: 1621

Ion Ratio Lower Upper

96 100

61 408.4 128.9 239.5#

63 2767.2 95.3 177.1#



#16

Methylene chloride

Concen: 2.242 ug/L

RT: 2.455 min Scan# 440

Delta R.T. -0.000 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

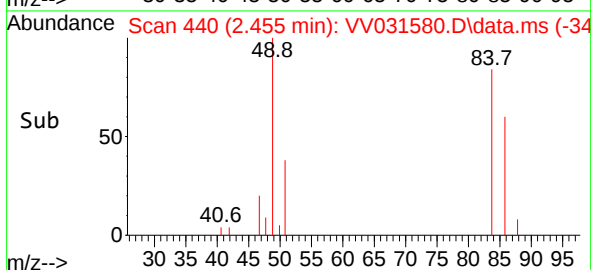
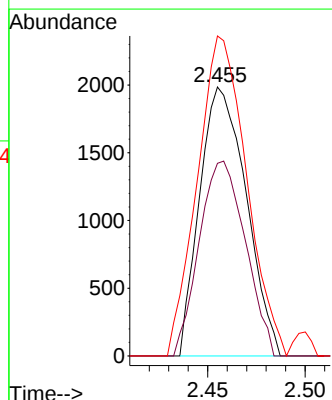
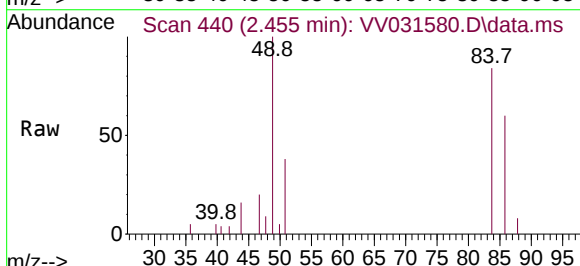
Tgt Ion: 84 Resp: 3290

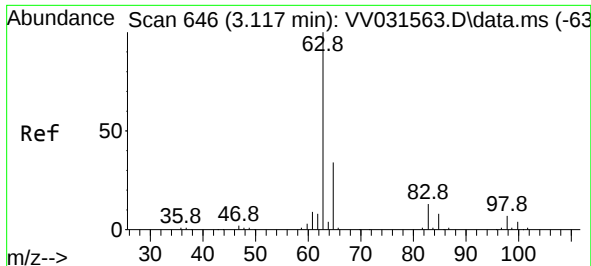
Ion Ratio Lower Upper

84 100

86 71.6 45.8 85.0

49 119.0 92.1 171.1





#19

1,1-Dichloroethane

Concen: 14.652 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

Instrument :

MSVOA_V

ClientSampleId :

EXYT2DL

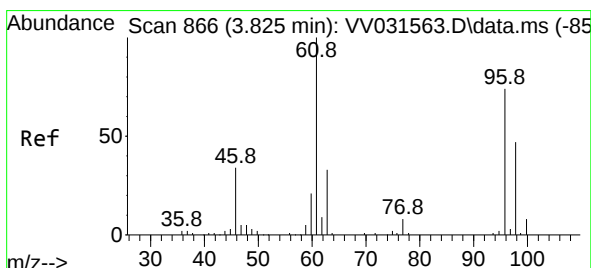
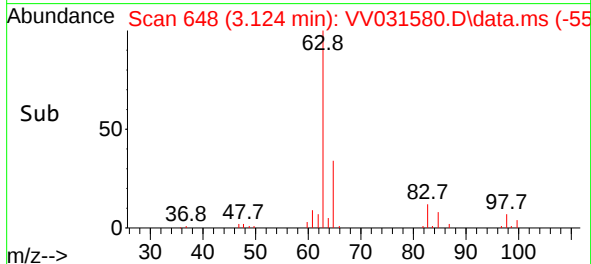
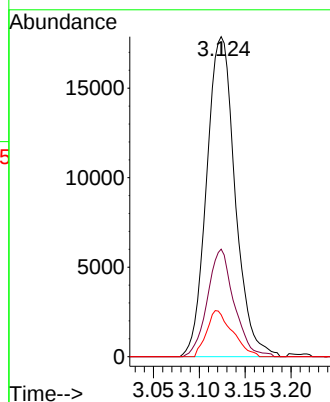
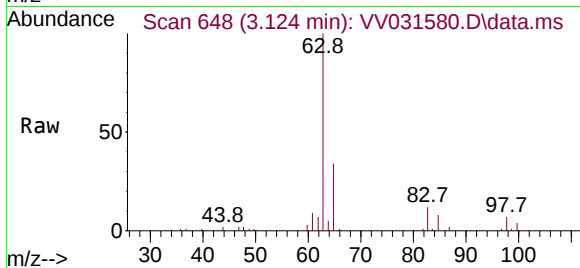
Tgt Ion: 63 Resp: 38635

Ion Ratio Lower Upper

63 100

65 33.6 22.5 41.7

83 13.1 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 47.398 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

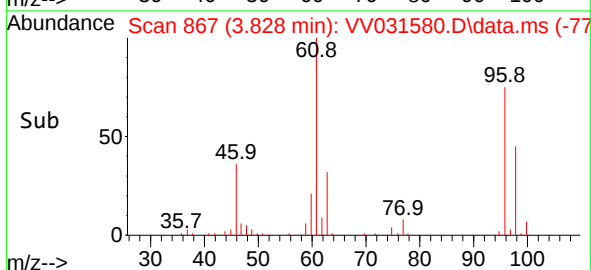
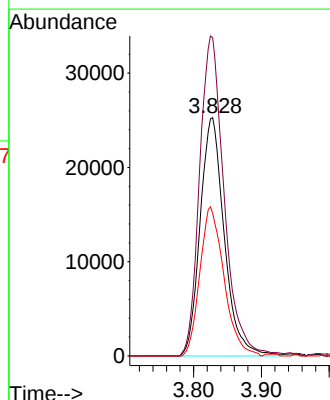
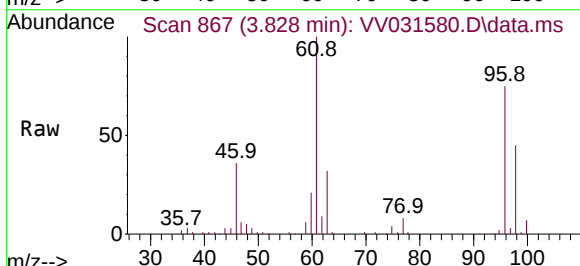
Tgt Ion: 96 Resp: 62581

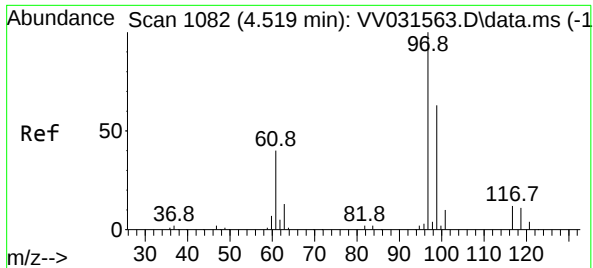
Ion Ratio Lower Upper

96 100

61 133.6 98.6 183.0

98 59.9 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 13.517 ug/L

RT: 4.526 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

Instrument :

MSVOA_V

ClientSampleId :

EXYT2DL

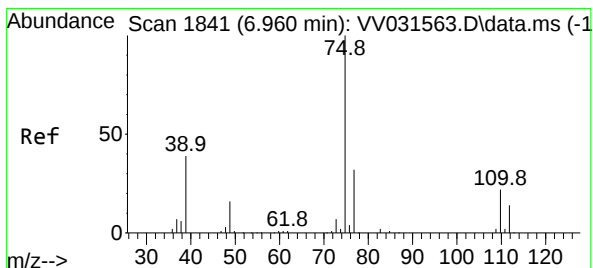
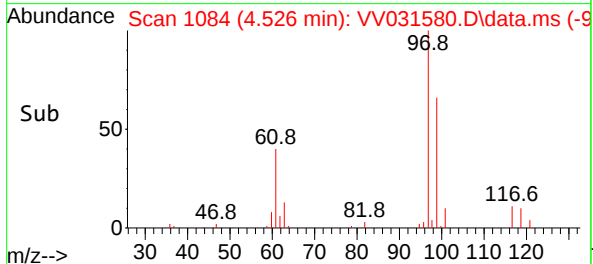
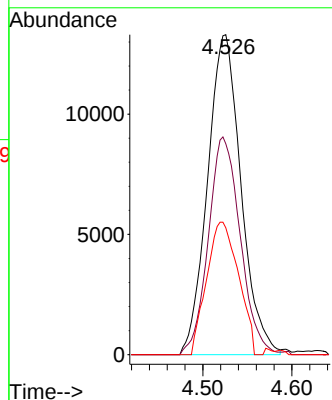
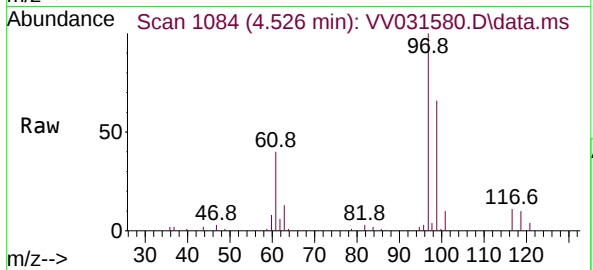
Tgt Ion: 97 Resp: 34763

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 39.4 33.0 49.6



#39

cis-1,3-Dichloropropene

Concen: 0.887 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.042 min

Lab File: VV031580.D

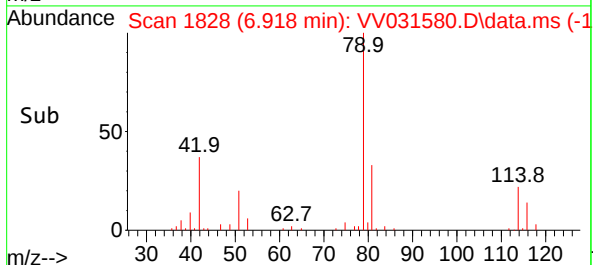
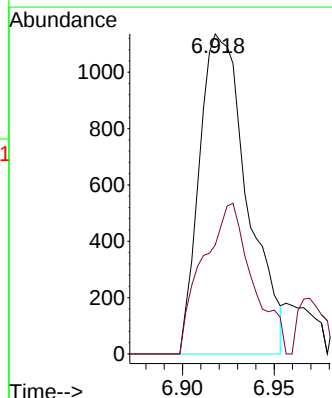
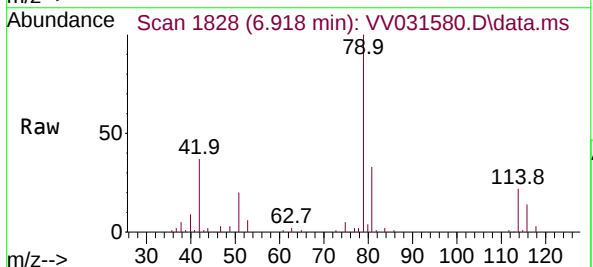
Acq: 16 Jun 2023 17:04

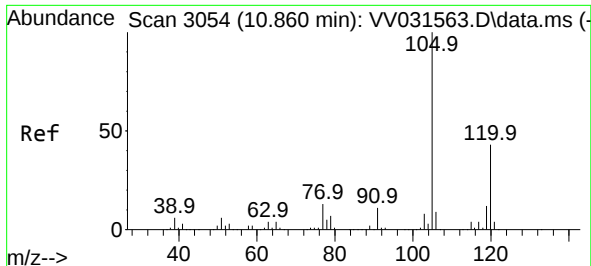
Tgt Ion: 75 Resp: 2064

Ion Ratio Lower Upper

75 100

77 34.1 21.8 40.6

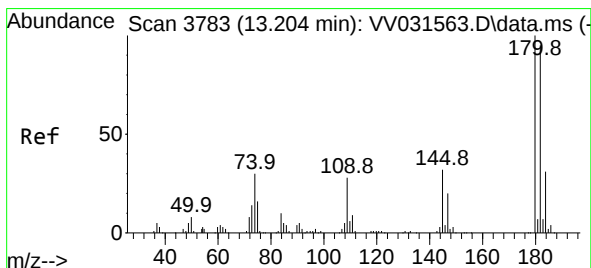
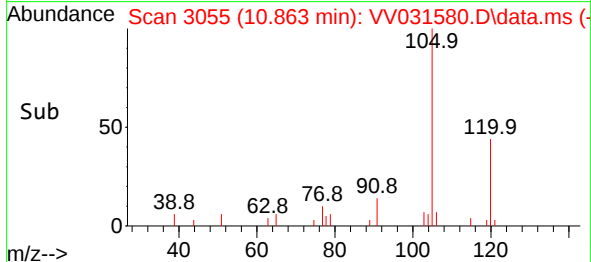
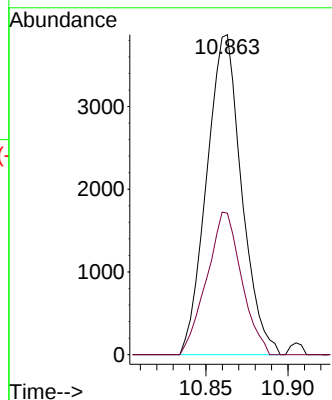
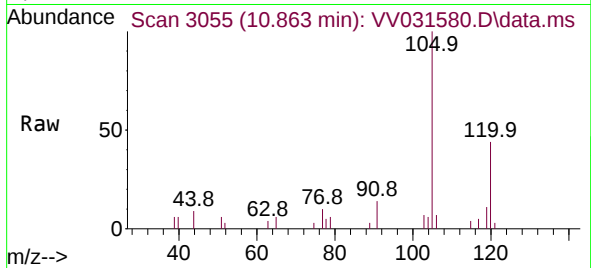




#63
1,2,4-Trimethylbenzene
Concen: 1.486 ug/L
RT: 10.863 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031580.D
Acq: 16 Jun 2023 17:04

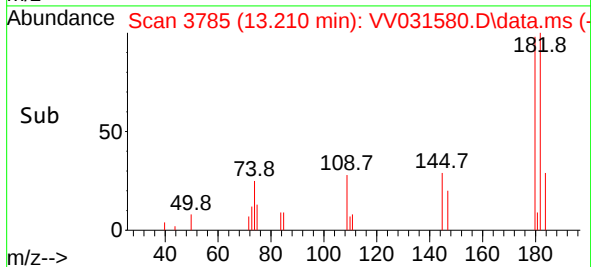
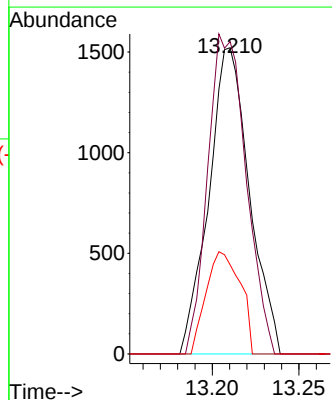
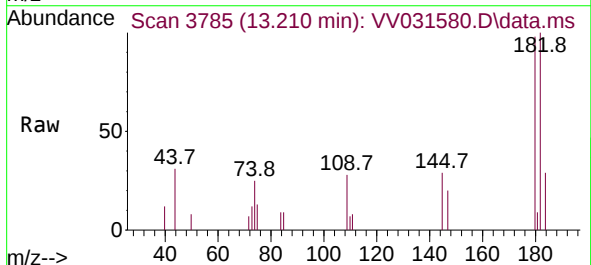
Instrument :
MSVOA_V
ClientSampleId :
EXYT2DL

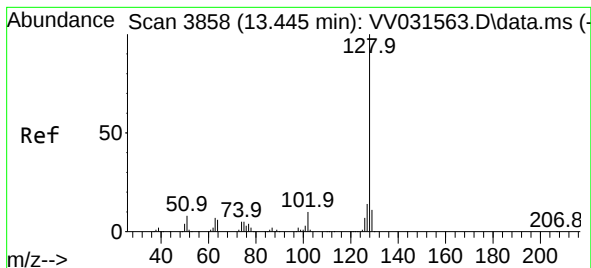
Tgt Ion:105 Resp: 5726
Ion Ratio Lower Upper
105 100
120 44.3 33.4 50.2



#70
1,2,4-trichlorobenzene
Concen: 1.481 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.006 min
Lab File: VV031580.D
Acq: 16 Jun 2023 17:04

Tgt Ion:180 Resp: 2482
Ion Ratio Lower Upper
180 100
182 98.3 77.7 116.5
145 28.0 26.1 39.1





#71

Naphthalene

Concen: 4.000 ug/L

RT: 13.448 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

Instrument :

MSVOA_V

ClientSampleId :

EXYT2DL

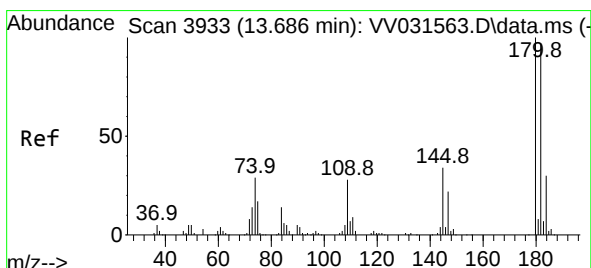
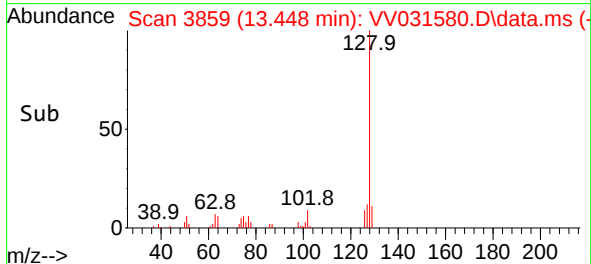
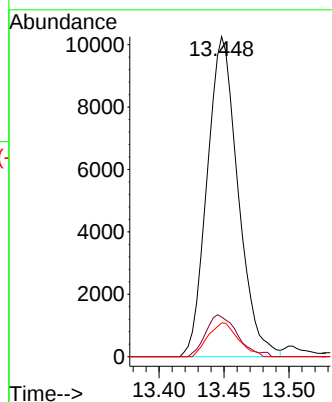
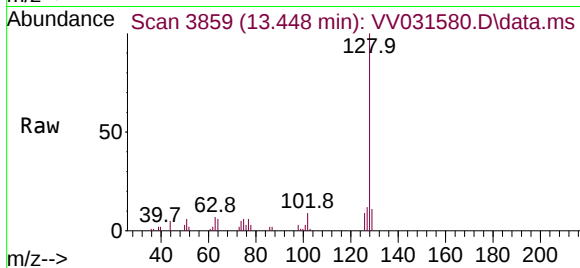
Tgt Ion:128 Resp: 16975

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.3 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 1.761 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.006 min

Lab File: VV031580.D

Acq: 16 Jun 2023 17:04

Tgt Ion:180 Resp: 3066

Ion Ratio Lower Upper

180 100

182 104.6 74.0 111.0

145 30.5 26.2 39.2

