

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070224\
 Data File : VV036411.D
 Acq On : 02 Jul 2024 11:02
 Operator : SY/MD
 Sample : VV0702SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

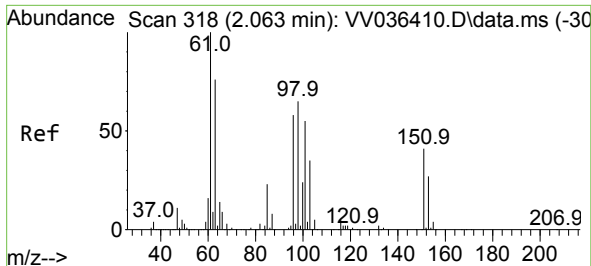
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

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

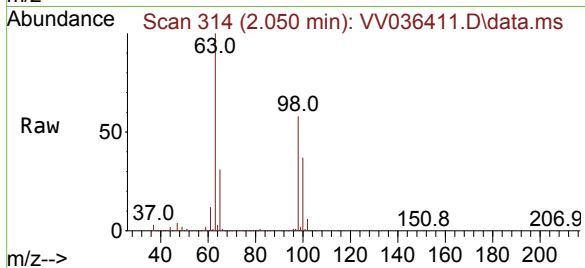
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	354511	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	350738	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	151773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	130309	21.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
7) Chloroethane-d5	1.526	69	109701	22.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	2.050	65	58767	20.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.040%
21) 2-Butanone-d5	3.838	46	10540	7.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.080%#
24) Chloroform-d	4.240	84	235045	22.462	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	4.934	65	123663	22.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.640%
32) Benzene-d6	4.950	84	456712	23.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.280%
36) 1,2-Dichloropropane-d6	5.982	67	142377	23.907	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.236	98	384880	21.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.240%
43) trans-1,3-Dichloroprop...	7.551	79	54671	20.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.240%
47) 2-Hexanone-d5	8.034	63	28611	30.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	104209	21.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	140224	25.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2413	0.383	ug/L #	42
25) Chloroform	4.272	83	5527	0.526	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	4181	0.437	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	6179	0.603	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	5496	0.602	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	3714	0.516	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	6962	1.213	ug/L	93
71) Naphthalene	13.442	128	19621	1.917	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	6761	1.253	ug/L	96

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

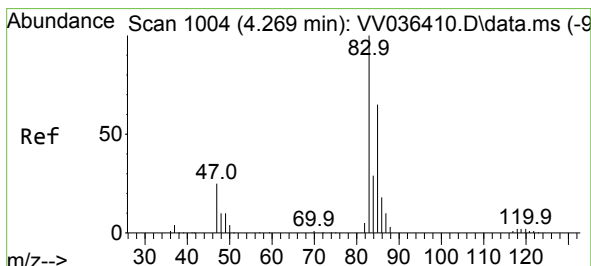
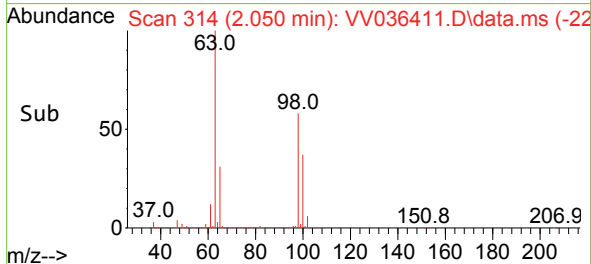
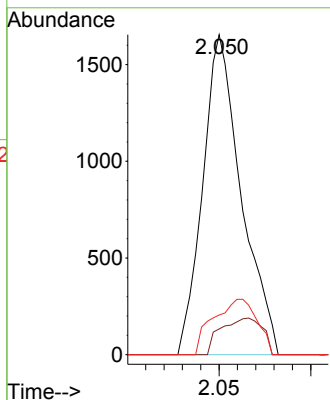


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.383 ug/L
RT: 2.050 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV036411.D
Acq: 02 Jul 2024 11:02

Instrument :
MSVOA_V
ClientSampleId :

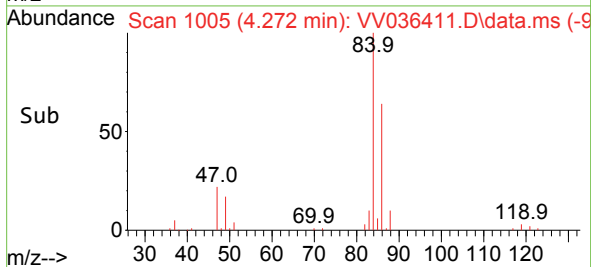
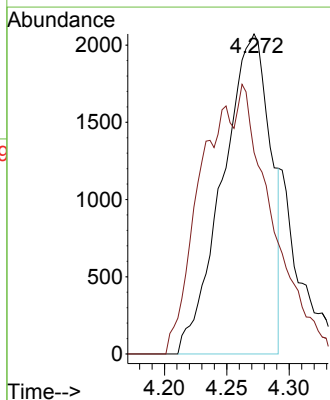
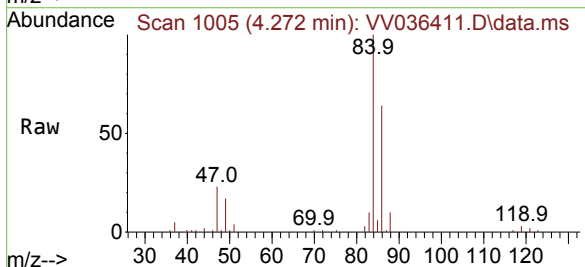


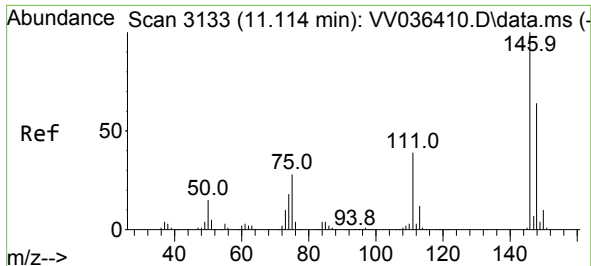
Tgt Ion:101 Resp: 2413
Ion Ratio Lower Upper
101 100
85 12.3 34.6 51.8#
151 19.7 58.9 88.3#



#25
Chloroform
Concen: 0.526 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036411.D
Acq: 02 Jul 2024 11:02

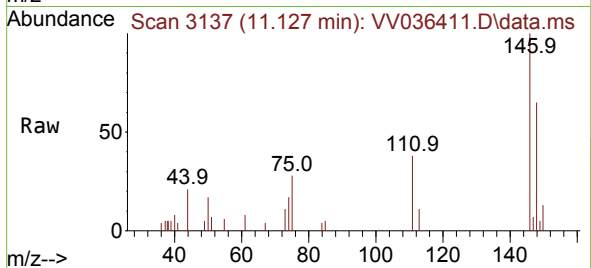
Tgt Ion: 83 Resp: 5527
Ion Ratio Lower Upper
83 100
85 63.0 45.0 83.6



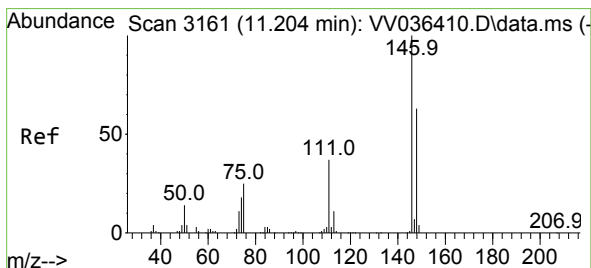
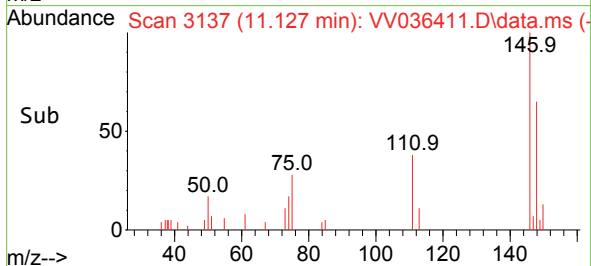
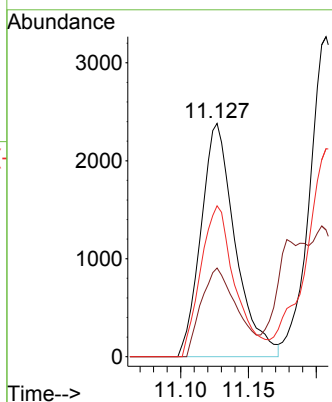


#64
 1,3-Dichlorobenzene
 Concen: 0.437 ug/L
 RT: 11.127 min Scan# 3133
 Delta R.T. 0.013 min
 Lab File: VV036411.D
 Acq: 02 Jul 2024 11:02

Instrument :
 MSVOA_V
 ClientSampleId :

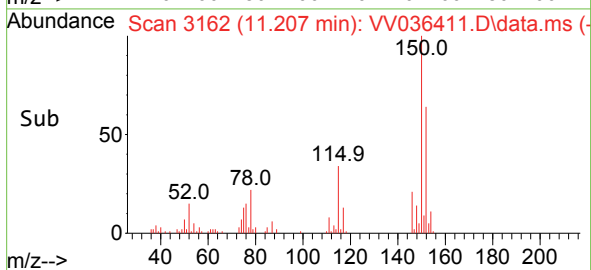
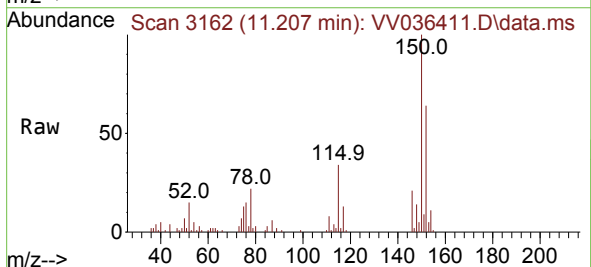
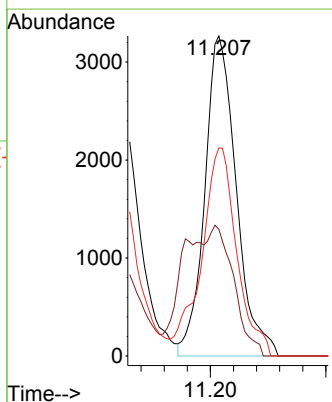


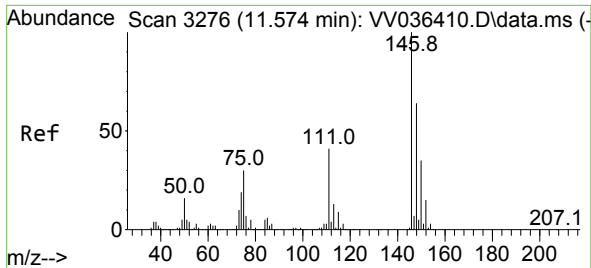
Tgt Ion:146 Resp: 4181
 Ion Ratio Lower Upper
 146 100
 111 38.0 27.5 51.1
 148 64.7 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 0.603 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. 0.003 min
 Lab File: VV036411.D
 Acq: 02 Jul 2024 11:02

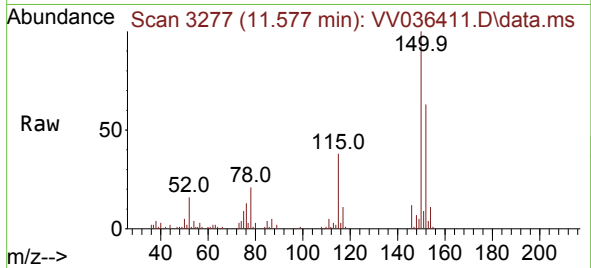
Tgt Ion:146 Resp: 6179
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.5 51.1
 148 65.0 44.0 81.8



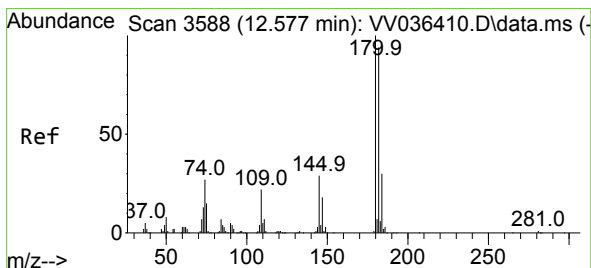
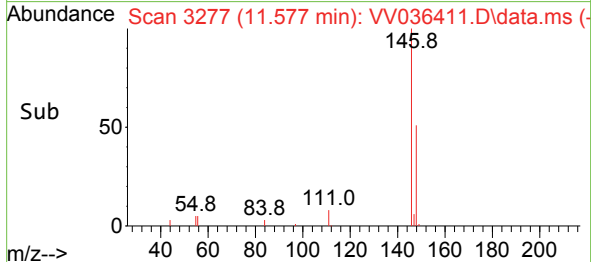
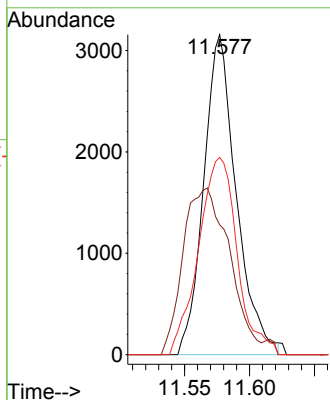


#67
1,2-Dichlorobenzene
Concen: 0.602 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036411.D
Acq: 02 Jul 2024 11:02

Instrument :
MSVOA_V
ClientSampleId :

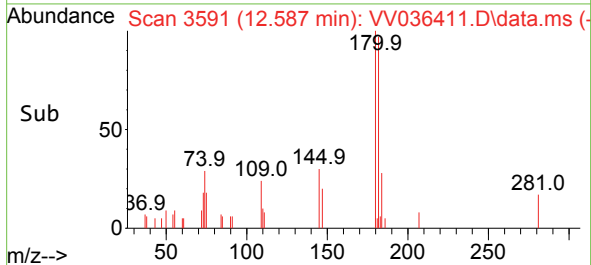
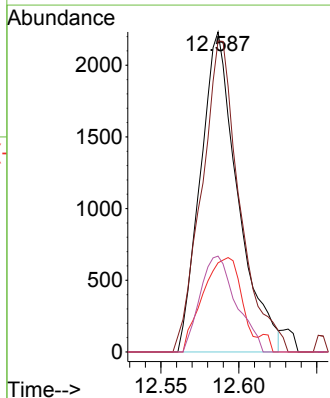
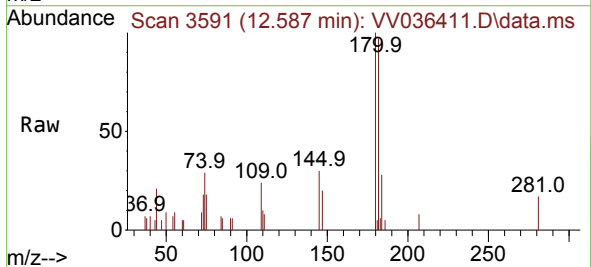


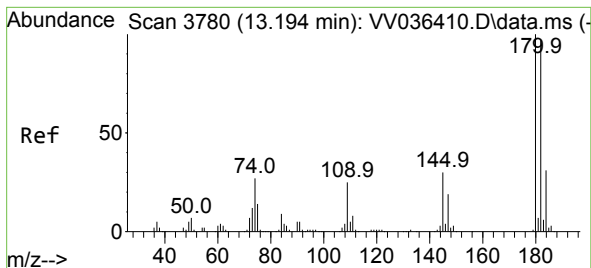
Tgt Ion:146 Resp: 5496
Ion Ratio Lower Upper
146 100
111 40.6 33.3 49.9
148 61.6 51.1 76.7



#69
1,3,5-Trichlorobenzene
Concen: 0.516 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.010 min
Lab File: VV036411.D
Acq: 02 Jul 2024 11:02

Tgt Ion:180 Resp: 3714
Ion Ratio Lower Upper
180 100
182 98.8 76.2 114.4
184 30.9 23.3 34.9
145 28.9 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 1.213 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036411.D

Acq: 02 Jul 2024 11:02

Instrument :

MSVOA_V

ClientSampleId :

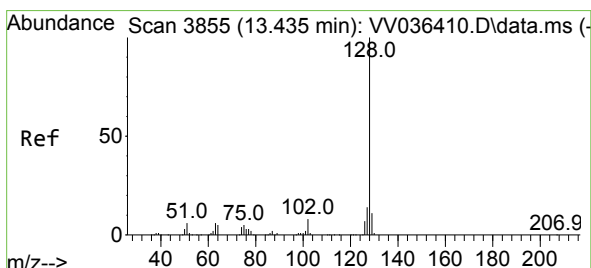
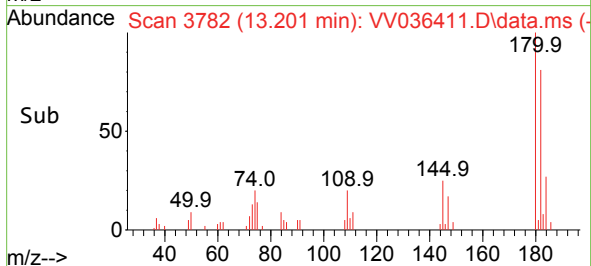
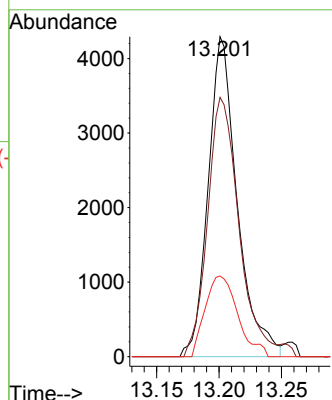
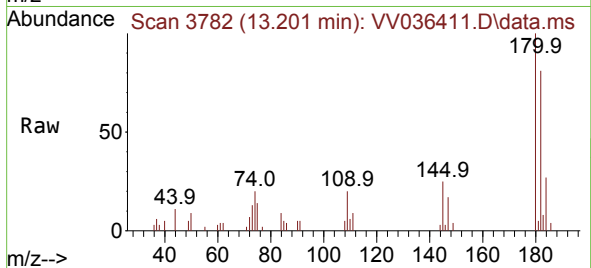
Tgt Ion:180 Resp: 6962

Ion Ratio Lower Upper

180 100

182 87.1 76.1 114.1

145 27.4 23.8 35.8



#71

Naphthalene

Concen: 1.917 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV036411.D

Acq: 02 Jul 2024 11:02

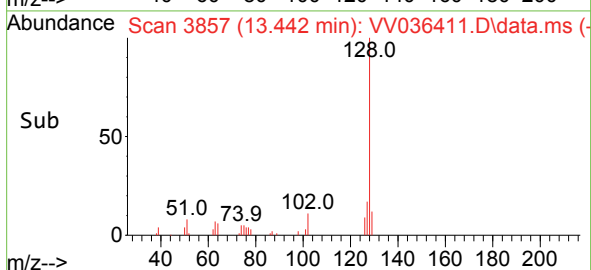
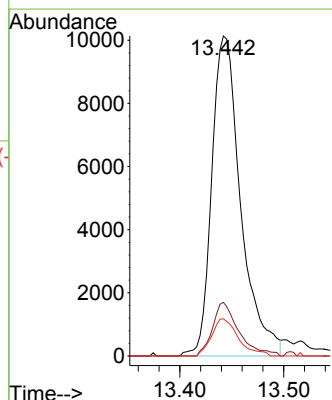
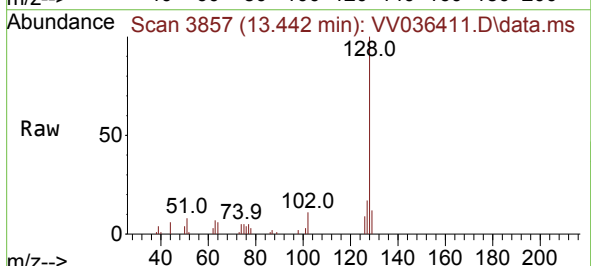
Tgt Ion:128 Resp: 19621

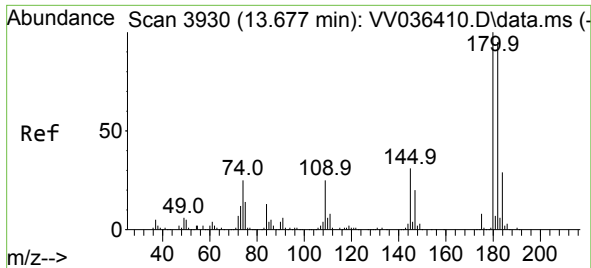
Ion Ratio Lower Upper

128 100

127 14.6 10.8 16.2

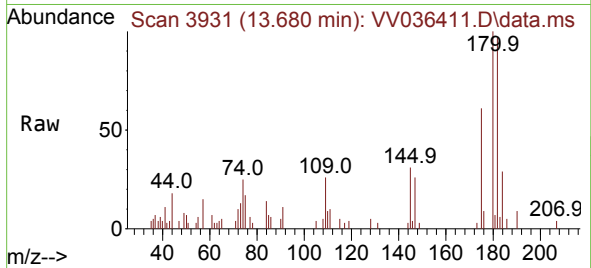
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.253 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV036411.D
 Acq: 02 Jul 2024 11:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	6761
Ion Ratio	Lower	Upper	
180	100		
182	99.7	76.7	115.1
145	33.1	25.0	37.4

