

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037472.D
 Acq On : 23 Sep 2024 11:37
 Operator : SY/MD
 Sample : P4106-04 400X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SX9

Quant Time: Sep 24 03:57:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

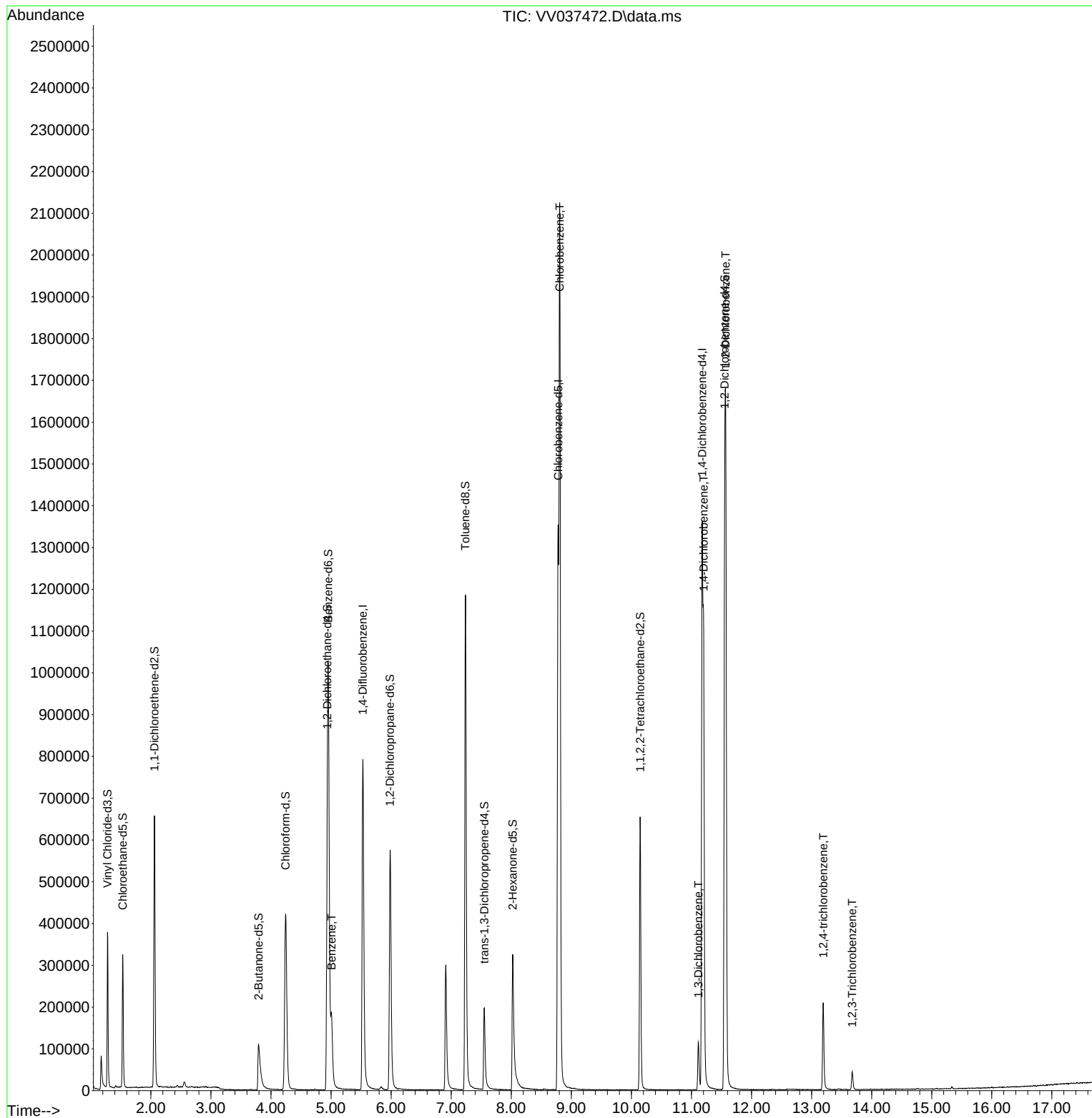
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	696913	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	686931	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	325559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	247575	38.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.660%
7) Chloroethane-d5	1.532	69	207546	42.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.240%
11) 1,1-Dichloroethene-d2	2.060	65	107129	39.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.960%
21) 2-Butanone-d5	3.793	46	182548	73.944	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.940%
24) Chloroform-d	4.243	84	454334	45.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
26) 1,2-Dichloroethane-d4	4.937	65	275225	43.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.600%
32) Benzene-d6	4.953	84	920874	44.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	5.982	67	292533	45.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	7.236	98	794027	42.404	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.551	79	119572	39.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.540%
47) 2-Hexanone-d5	8.024	63	108874	61.387	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	61.390%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	318962	40.470	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.940%
66) 1,2-Dichlorobenzene-d4	11.555	152	302532	46.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	192653	9.718	ug/L	100
51) Chlorobenzene	8.805	112	1139231	83.369	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	48668	4.994	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	428760	42.984	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	537157	56.055	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	63791	9.990	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	13010	2.067	ug/L	100

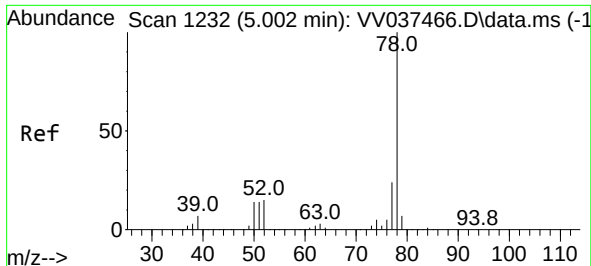
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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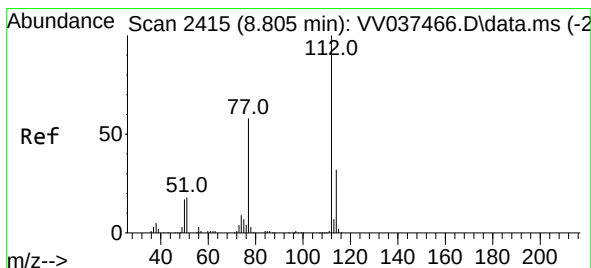
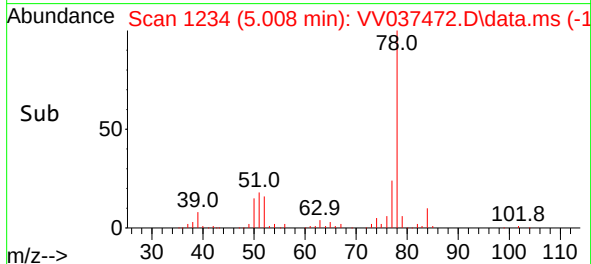
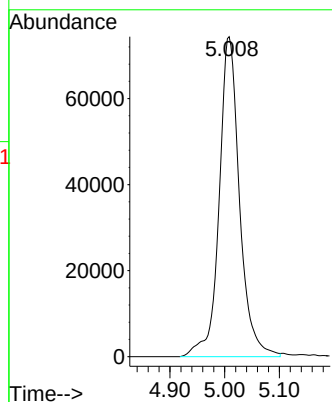
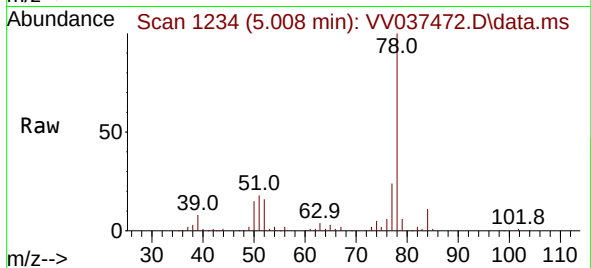




#33
Benzene
Concen: 9.718 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV037472.D
Acq: 23 Sep 2024 11:37

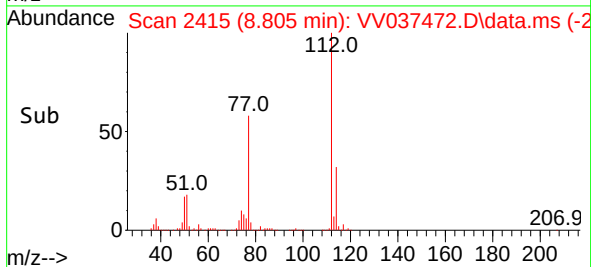
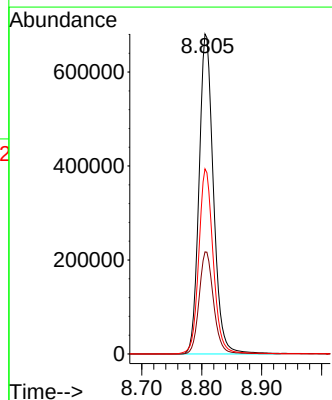
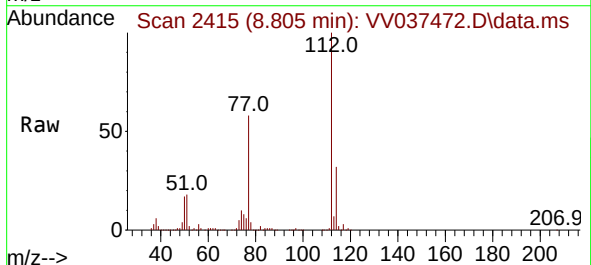
Instrument :
MSVOA_V
ClientSampleId :
C0SX9

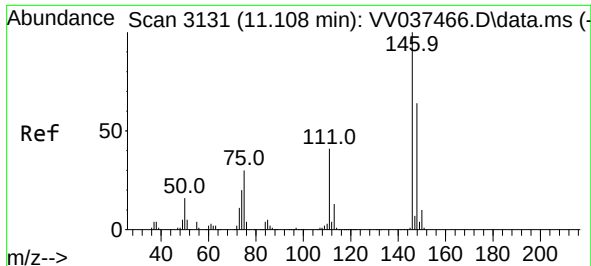
Tgt Ion: 78 Resp: 192653



#51
Chlorobenzene
Concen: 83.369 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV037472.D
Acq: 23 Sep 2024 11:37

Tgt Ion:112 Resp: 1139231
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 57.9 47.8 71.8

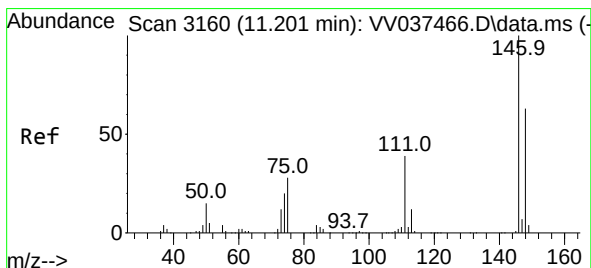
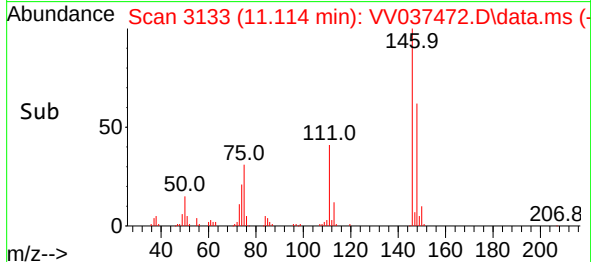
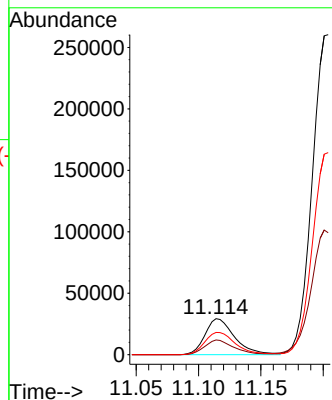
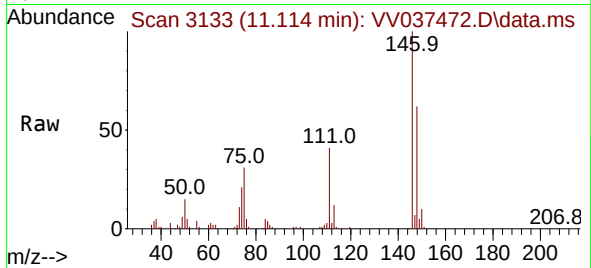




#64
1,3-Dichlorobenzene
Concen: 4.994 ug/L
RT: 11.114 min Scan# 3113
Delta R.T. 0.007 min
Lab File: VV037472.D
Acq: 23 Sep 2024 11:37

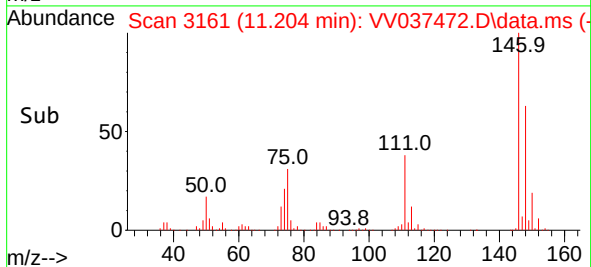
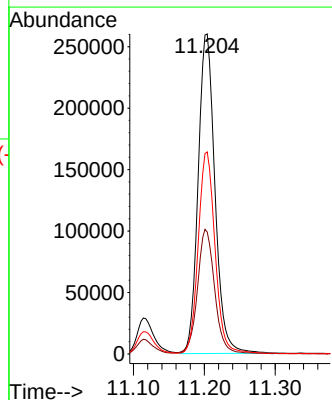
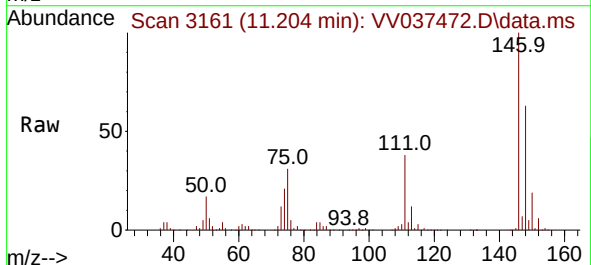
Instrument :
MSVOA_V
ClientSampleId :
C0SX9

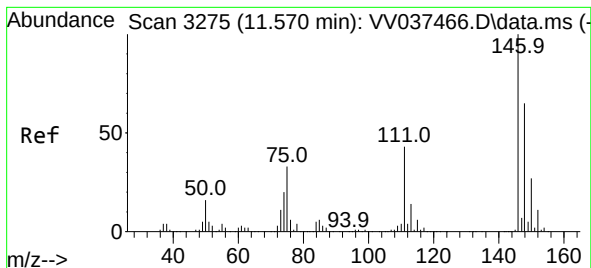
Tgt Ion:146 Resp: 48668
Ion Ratio Lower Upper
146 100
111 40.7 29.7 55.1
148 61.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 42.984 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV037472.D
Acq: 23 Sep 2024 11:37

Tgt Ion:146 Resp: 428760
Ion Ratio Lower Upper
146 100
111 38.1 28.1 52.1
148 63.2 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 56.055 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037472.D

Acq: 23 Sep 2024 11:37

Instrument :

MSVOA_V

ClientSampleId :

C0SX9

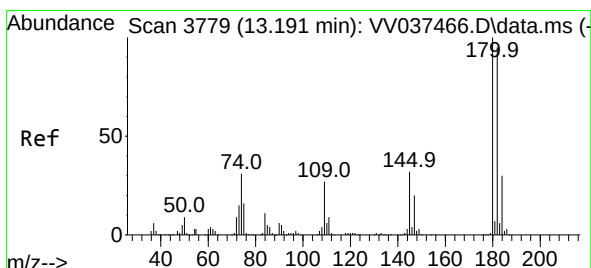
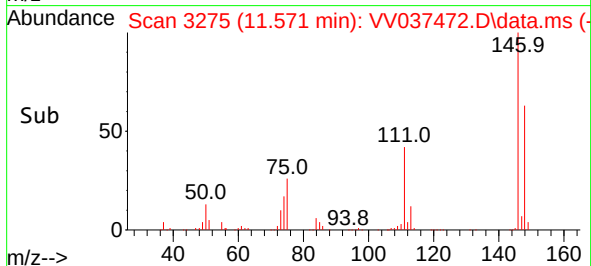
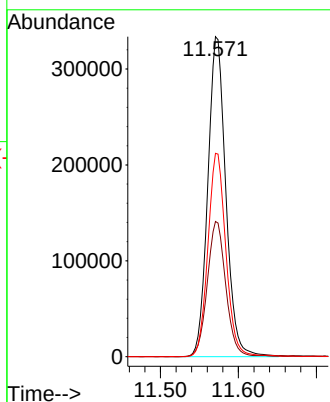
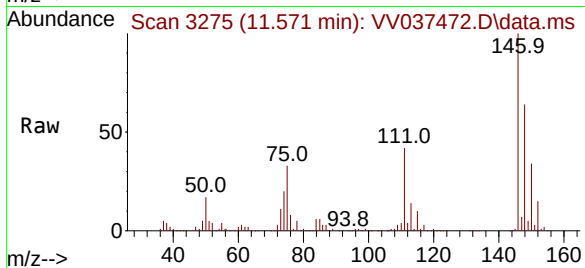
Tgt Ion:146 Resp: 537157

Ion Ratio Lower Upper

146 100

111 42.2 34.6 51.8

148 63.5 50.2 75.4



#70

1,2,4-trichlorobenzene

Concen: 9.990 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV037472.D

Acq: 23 Sep 2024 11:37

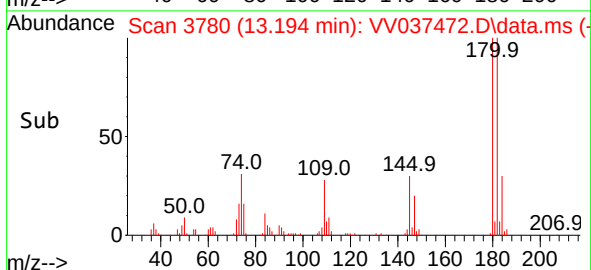
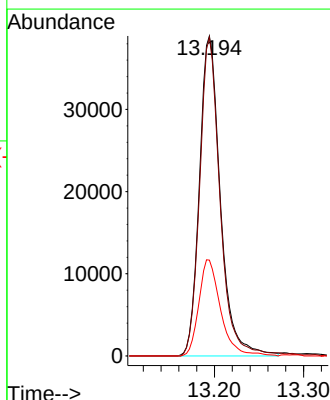
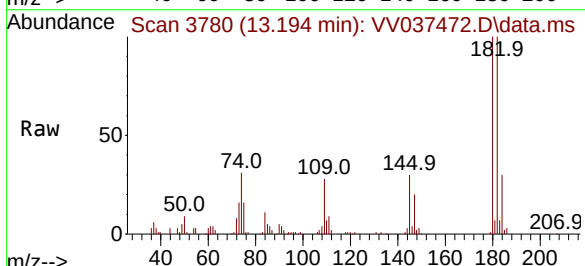
Tgt Ion:180 Resp: 63791

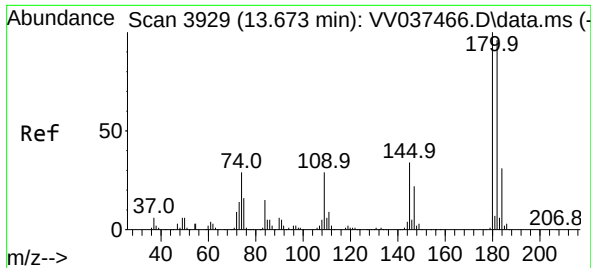
Ion Ratio Lower Upper

180 100

182 96.0 75.7 113.5

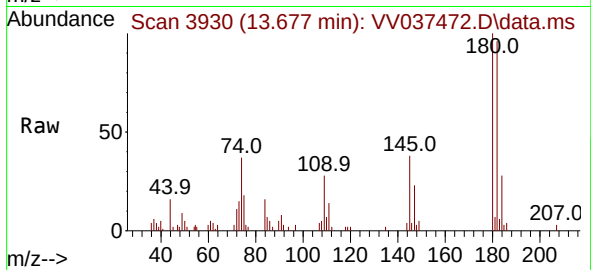
145 30.7 26.0 39.0





#72
1,2,3-Trichlorobenzene
Concen: 2.067 ug/L
RT: 13.677 min Scan# 3929
Delta R.T. 0.003 min
Lab File: VV037472.D
Acq: 23 Sep 2024 11:37

Instrument :
MSVOA_V
ClientSampleId :
C0SX9



Tgt Ion:	180	Resp:	13010
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.1	112.7
145	33.5	27.0	40.4

