

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
 Data File : VV029437.D
 Acq On : 07 Dec 2022 23:26
 Operator : SY/MD
 Sample : N5894-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Quant Time: Dec 08 05:36:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

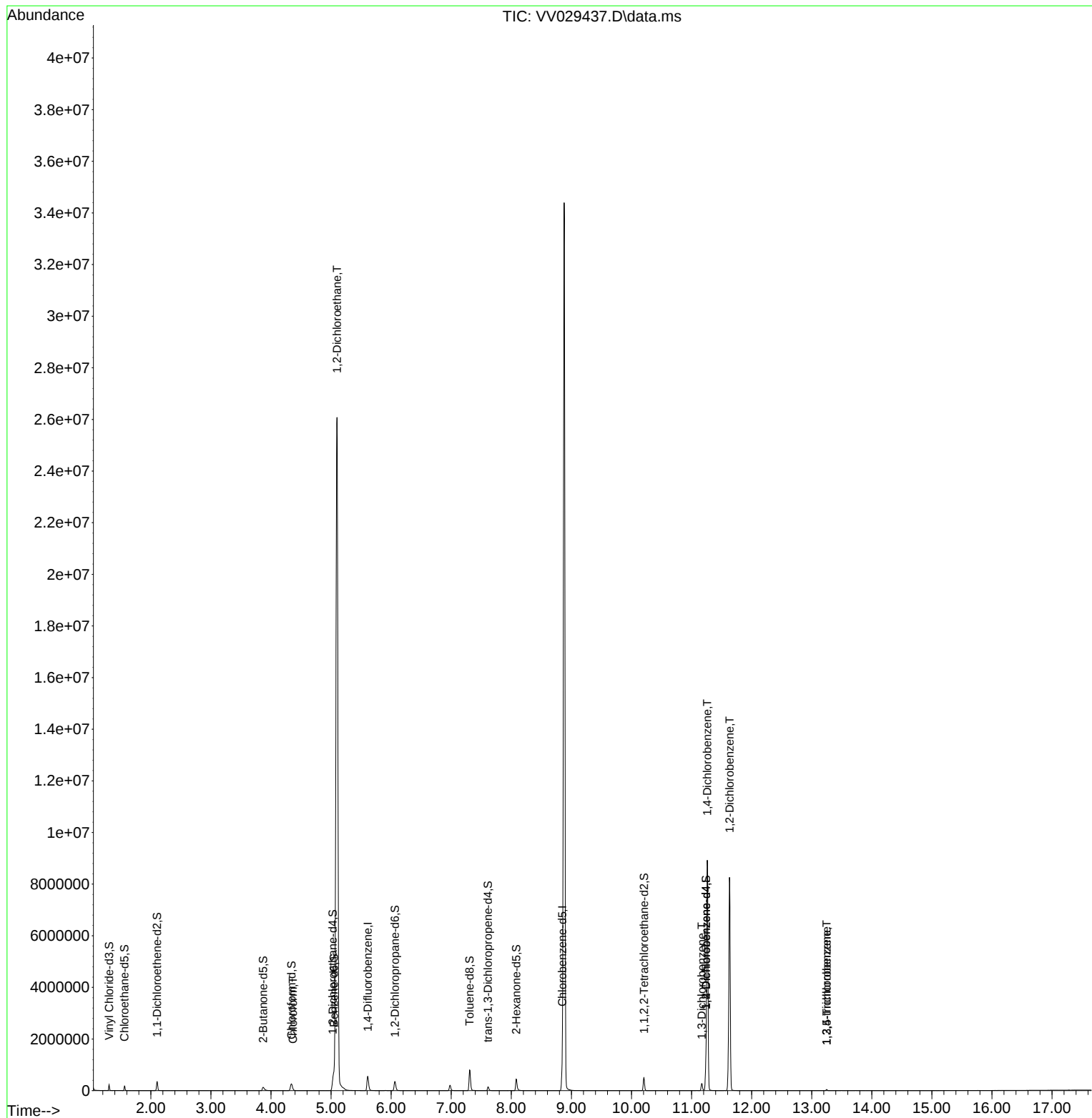
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	516645	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	479105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	244853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137206	43.369	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.740%		
7) Chloroethane-d5	1.561	69	114450	47.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.880%		
11) 1,1-Dichloroethene-d2	2.105	63	175816	35.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.260%		
21) 2-Butanone-d5	3.867	46	204196	105.804	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.800%		
24) Chloroform-d	4.339	84	287705	48.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.660%		
26) 1,2-Dichloroethane-d4	5.027	65	174179	51.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.460%		
32) Benzene-d6	5.047	84	626677	49.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.000%		
36) 1,2-Dichloropropane-d6	6.063	67	186771	48.300	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.600%		
41) Toluene-d8	7.307	98	561082	47.038	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.080%		
43) trans-1,3-Dichloroprop...	7.612	79	90170	46.178	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.360%		
47) 2-Hexanone-d5	8.082	63	170928	103.514	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.510%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	247090	44.716	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.440%		
66) 1,2-Dichlorobenzene-d4	11.239	152	236694	50.781	ug/L	-0.37
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.560%		
Target Compounds					Qvalue	
25) Chloroform	4.365	83	3847	0.681	ug/L	84
27) 1,2-Dichloroethane	5.098	62	259953	65.116	ug/L #	70
64) 1,3-Dichlorobenzene	11.172	146	110263	15.687	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	3553209	497.403	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	3293509	458.212	ug/L	98
69) 1,3,5-Trichlorobenzene	13.249	180	14069	2.515	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	14069	2.828	ug/L	96

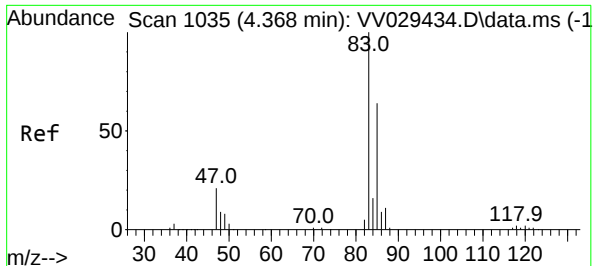
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
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#25

Chloroform

Concen: 0.681 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029437.D

Acq: 07 Dec 2022 23:26

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MSVOA_V

ClientSampleId :

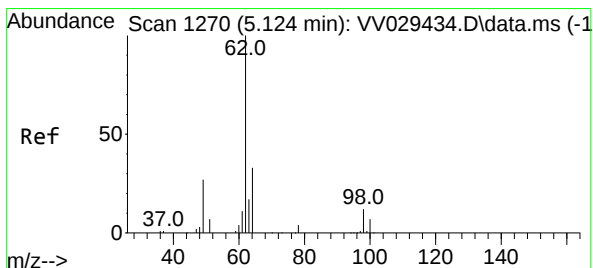
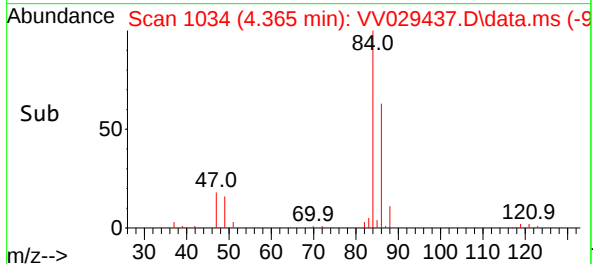
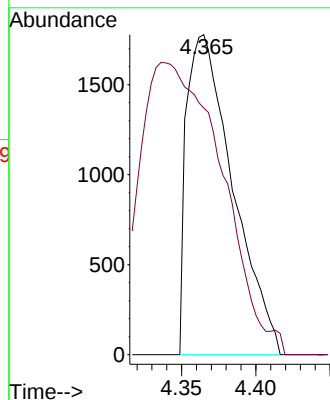
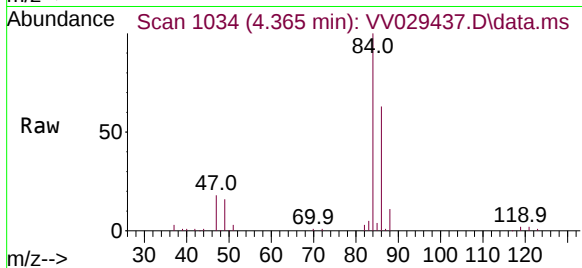
C0AB3

Tgt Ion: 83 Resp: 3847

Ion Ratio Lower Upper

83 100

85 77.1 45.1 83.9



#27

1,2-Dichloroethane

Concen: 65.116 ug/L

RT: 5.098 min Scan# 1262

Delta R.T. -0.026 min

Lab File: VV029437.D

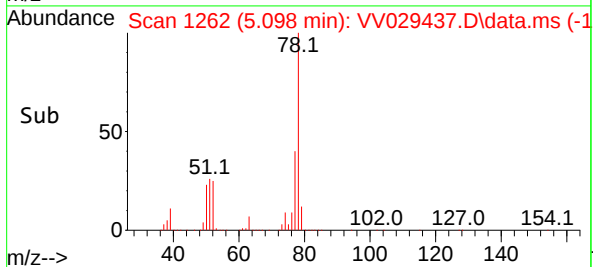
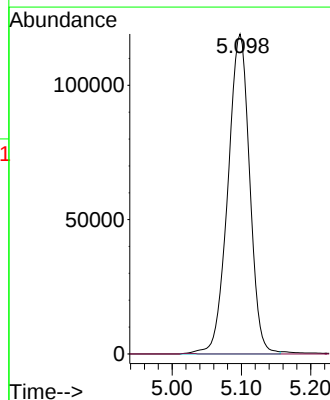
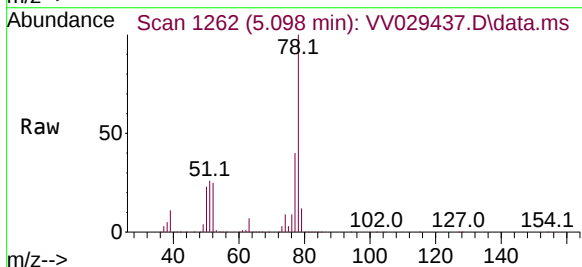
Acq: 07 Dec 2022 23:26

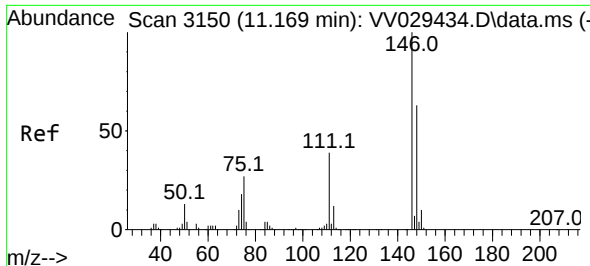
Tgt Ion: 62 Resp: 259953

Ion Ratio Lower Upper

62 100

98 0.0 9.4 14.0#

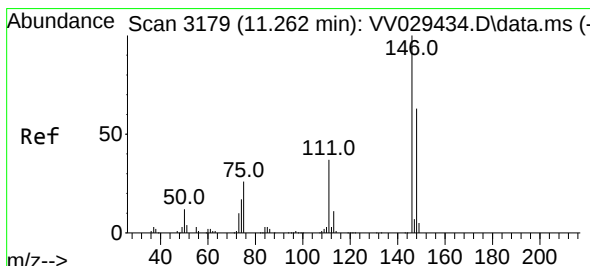
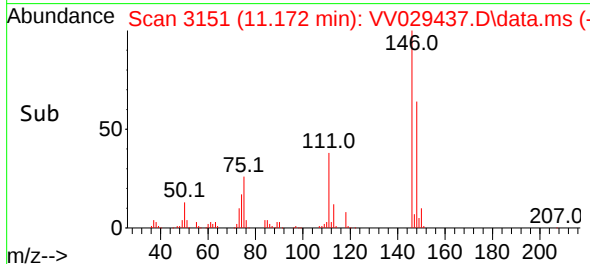
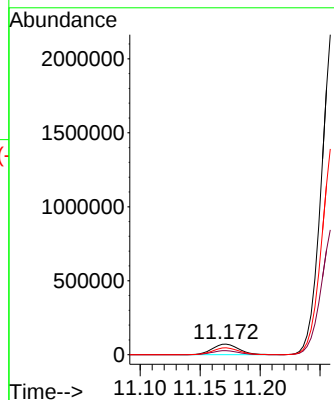
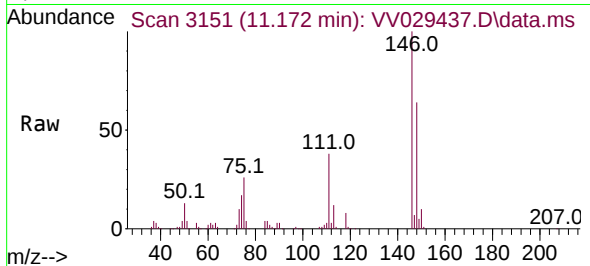




#64
1,3-Dichlorobenzene
Concen: 15.687 ug/L
RT: 11.172 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV029437.D
Acq: 07 Dec 2022 23:26

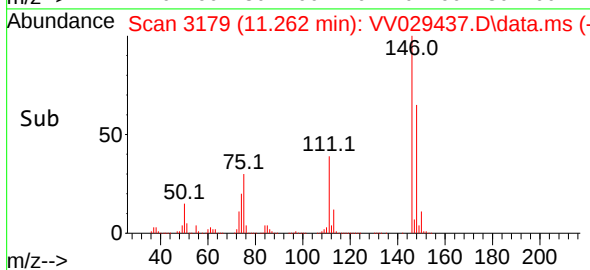
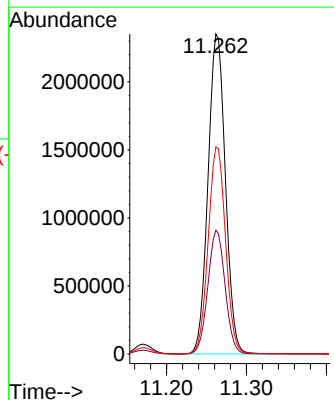
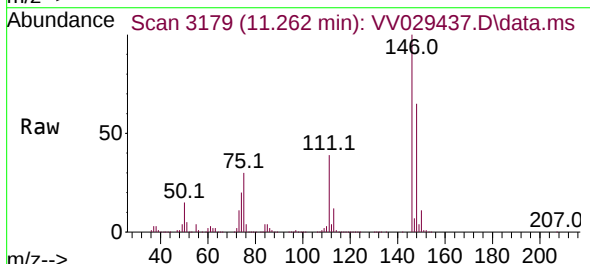
Instrument :
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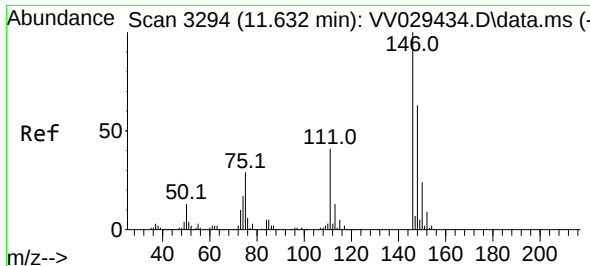
Tgt Ion:146 Resp: 110263
Ion Ratio Lower Upper
146 100
111 38.0 27.4 51.0
148 64.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 497.403 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029437.D
Acq: 07 Dec 2022 23:26

Tgt Ion:146 Resp: 3553209
Ion Ratio Lower Upper
146 100
111 38.7 26.2 48.8
148 64.7 44.7 83.1

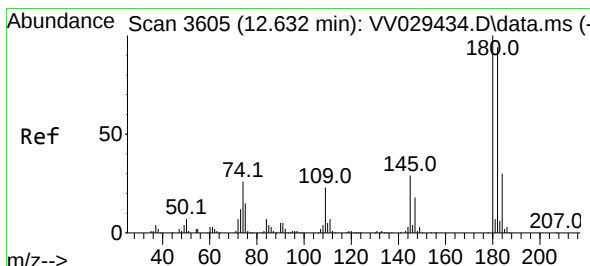
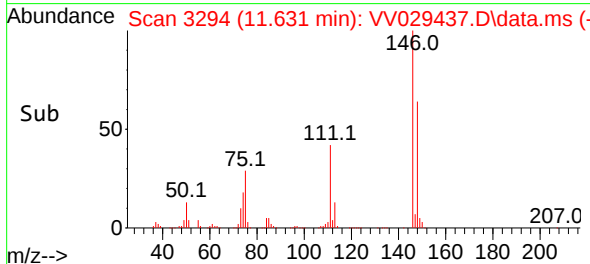
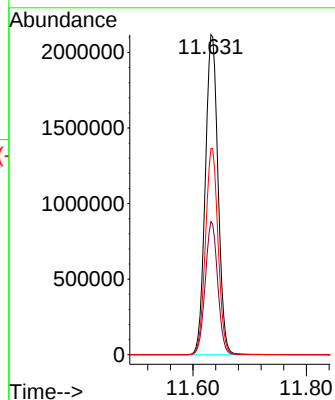
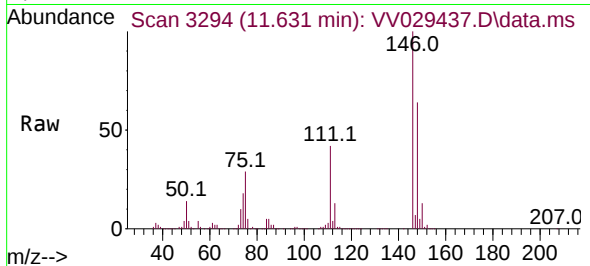




#67
1,2-Dichlorobenzene
Concen: 458.212 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029437.D
Acq: 07 Dec 2022 23:26

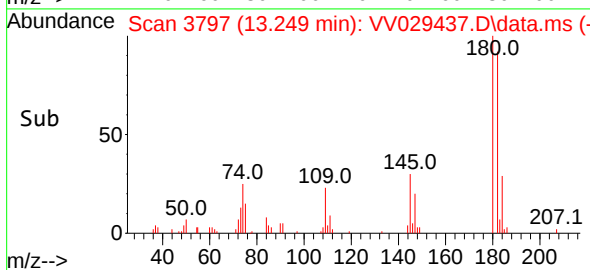
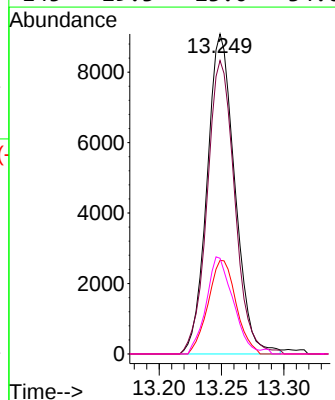
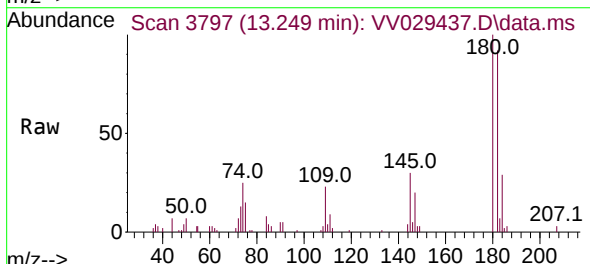
Instrument :
MSVOA_V
ClientSampleId :
C0AB3

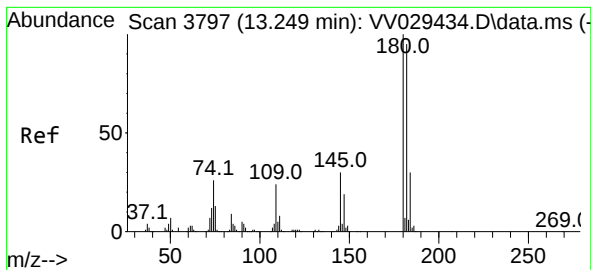
Tgt Ion:146 Resp: 3293509
Ion Ratio Lower Upper
146 100
111 41.6 32.0 48.0
148 64.5 50.6 76.0



#69
1,3,5-Trichlorobenzene
Concen: 2.515 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. 0.617 min
Lab File: VV029437.D
Acq: 07 Dec 2022 23:26

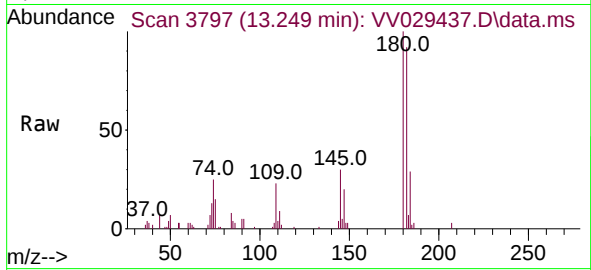
Tgt Ion:180 Resp: 14069
Ion Ratio Lower Upper
180 100
182 90.8 76.5 114.7
184 29.4 24.6 36.8
145 29.3 23.0 34.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.828 ug/L
 RT: 13.249 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV029437.D
 Acq: 07 Dec 2022 23:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3



Tgt Ion:	180	Resp:	14069
Ion Ratio	Lower	Upper	
180	100		
182	90.8	76.3	114.5
145	29.3	23.7	35.5

