

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029430.D
 Acq On : 07 Dec 2022 20:18
 Operator : SY/MD
 Sample : N5894-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: Dec 08 00:57:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

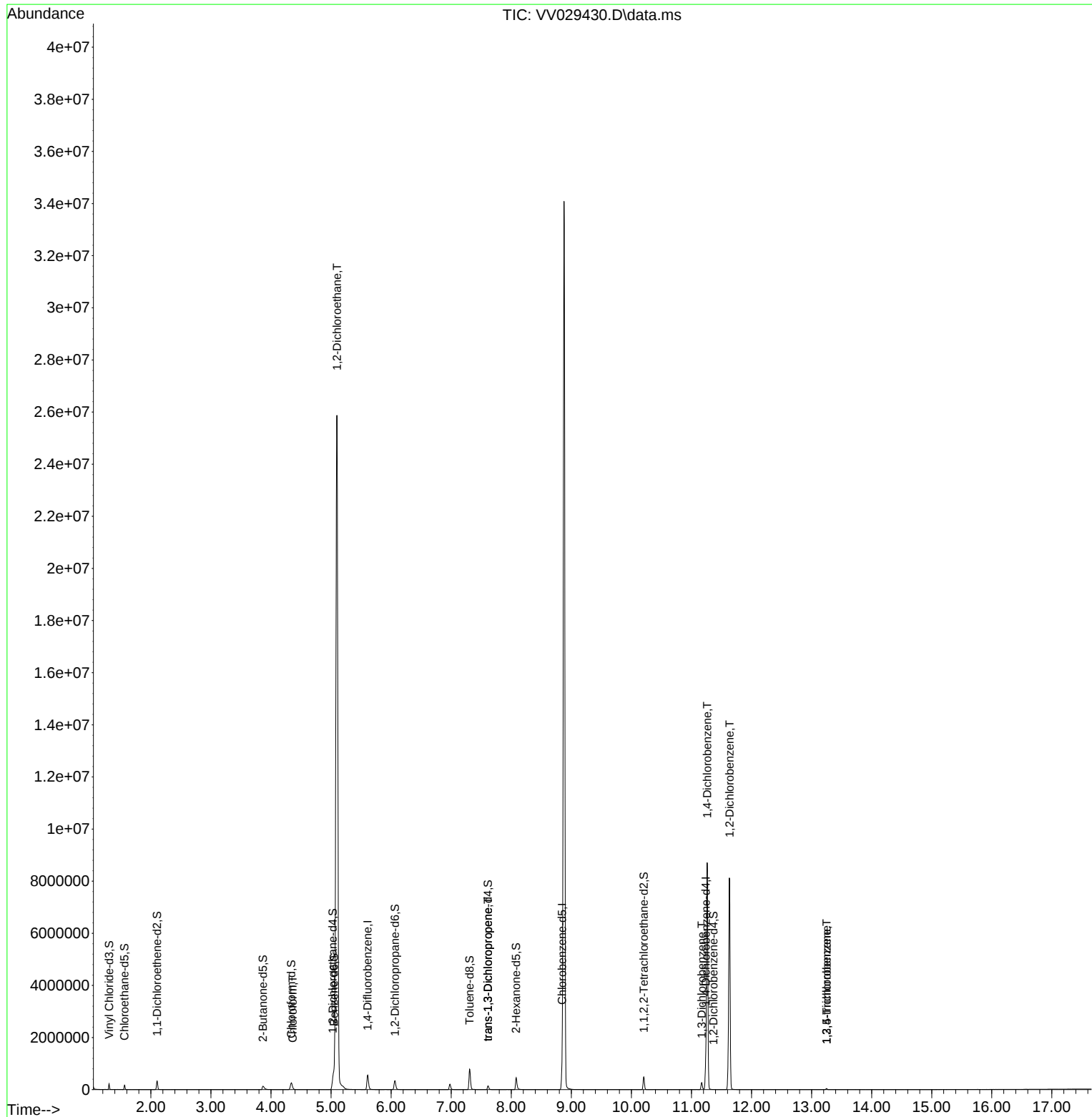
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	507604	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	481075	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	247652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	134071	43.132	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.260%	
7) Chloroethane-d5	1.561	69	110672	46.693	ug/L	0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.380%	
11) 1,1-Dichloroethene-d2	2.101	63	170619	35.192	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.380%	
21) 2-Butanone-d5	3.867	46	207614	109.491	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.490%	
24) Chloroform-d	4.339	84	280354	47.929	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.860%	
26) 1,2-Dichloroethane-d4	5.027	65	170512	51.040	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.080%	
32) Benzene-d6	5.047	84	612768	48.205	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.420%	
36) 1,2-Dichloropropane-d6	6.063	67	182770	47.072	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.140%	
41) Toluene-d8	7.307	98	548944	45.832	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.660%	
43) trans-1,3-Dichloroprop...	7.612	79	87439	44.596	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.200%	
47) 2-Hexanone-d5	8.082	63	173748	104.790	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.790%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	244896	44.137	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.280%	
66) 1,2-Dichlorobenzene-d4	11.365	152	90	0.019	ug/L	-0.25
Spiked Amount	50.000	Range 80 - 120	Recovery	=	0.040%#	
Target Compounds						
					Qvalue	
25) Chloroform	4.362	83	3634	0.654	ug/L	79
27) 1,2-Dichloroethane	5.098	62	255619	65.171	ug/L #	70
44) trans-1,3-Dichloropropene	7.612	75	3480	0.683	ug/L #	58
64) 1,3-Dichlorobenzene	11.172	146	107294	15.092	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	3475887	481.079	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	3207895	441.256	ug/L	99
69) 1,3,5-Trichlorobenzene	13.249	180	12631	2.233	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	12631	2.511	ug/L	99

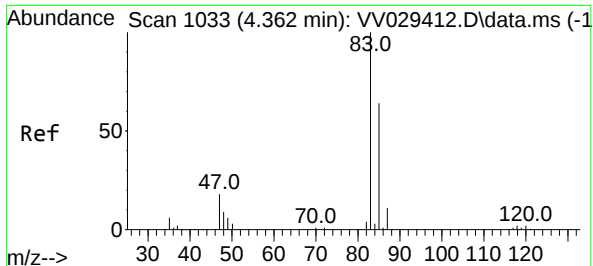
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 08 00:46:44 2022
Response via : Initial Calibration





#25

Chloroform

Concen: 0.654 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VV029430.D

Acq: 07 Dec 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

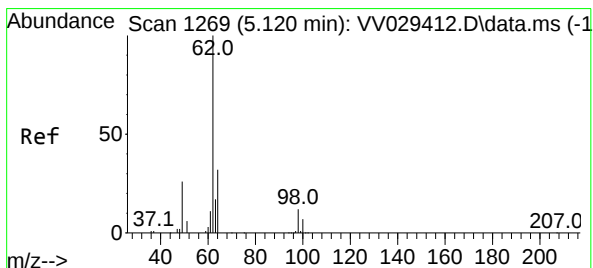
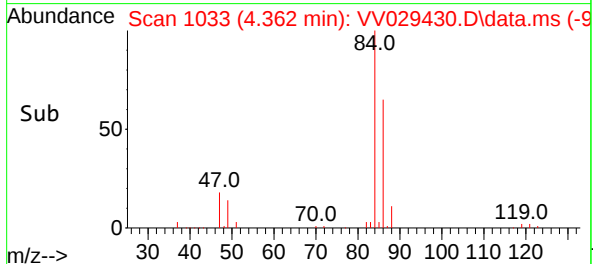
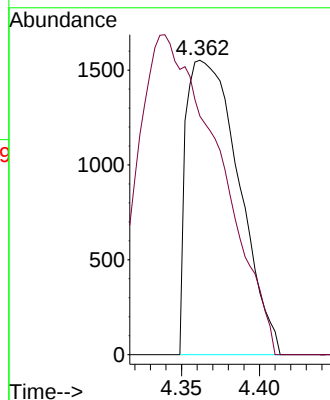
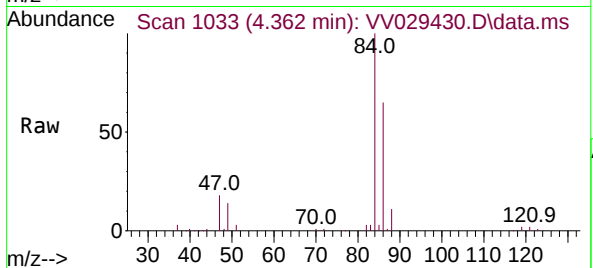
C0AA4

Tgt Ion: 83 Resp: 3634

Ion Ratio Lower Upper

83 100

85 81.1 45.1 83.9



#27

1,2-Dichloroethane

Concen: 65.171 ug/L

RT: 5.098 min Scan# 1262

Delta R.T. -0.022 min

Lab File: VV029430.D

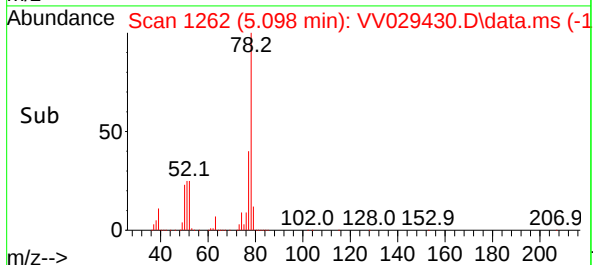
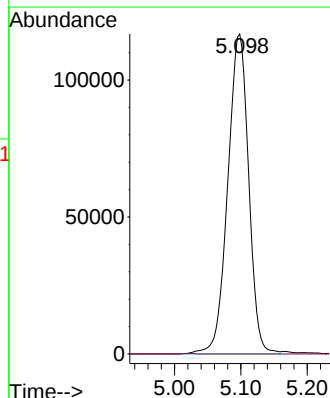
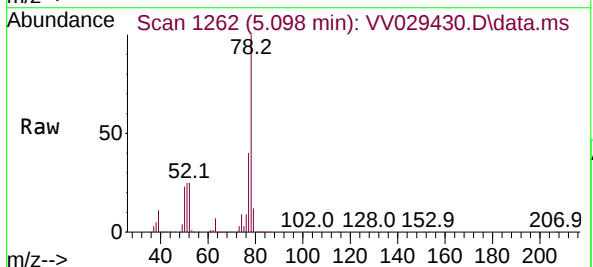
Acq: 07 Dec 2022 20:18

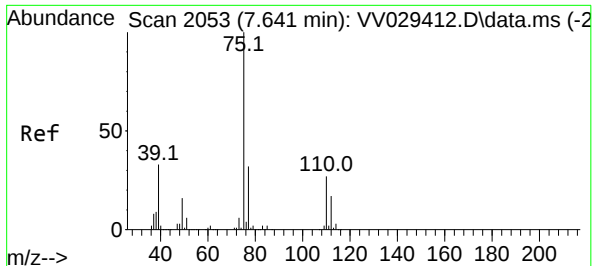
Tgt Ion: 62 Resp: 255619

Ion Ratio Lower Upper

62 100

98 0.0 9.4 14.0#

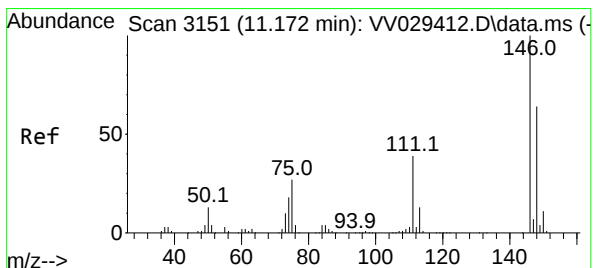
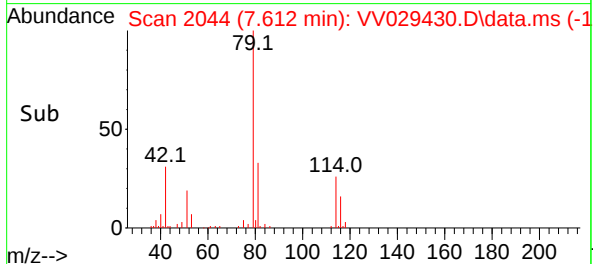
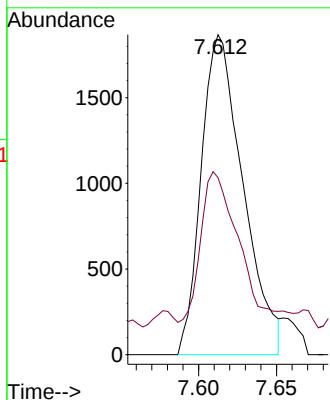
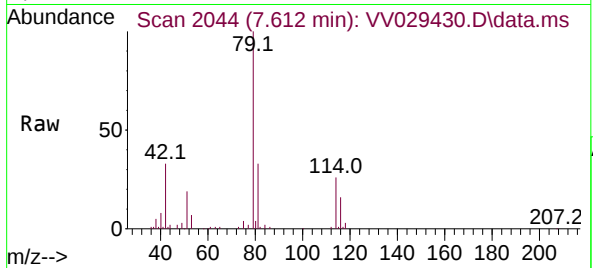




#44
trans-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 7.612 min Scan# 2044
Delta R.T. -0.029 min
Lab File: VV029430.D
Acq: 07 Dec 2022 20:18

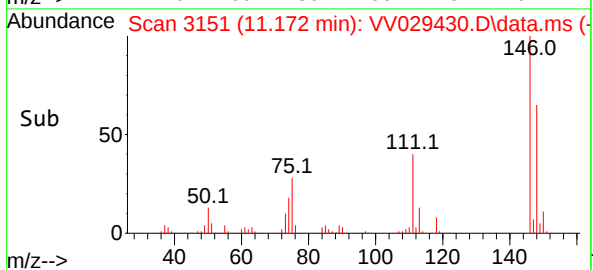
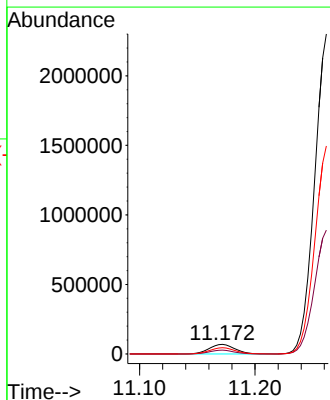
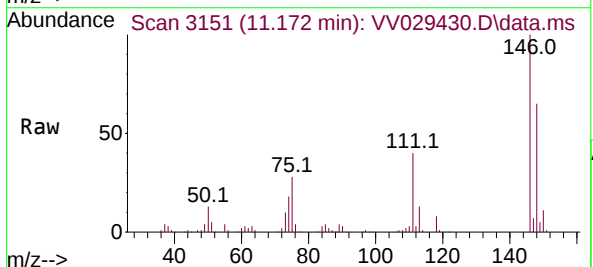
Instrument :
MSVOA_V
ClientSampleId :
C0AA4

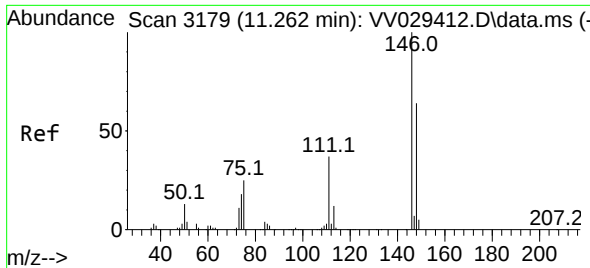
Tgt Ion: 75 Resp: 3480
Ion Ratio Lower Upper
75 100
77 55.3 22.3 41.5#



#64
1,3-Dichlorobenzene
Concen: 15.092 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029430.D
Acq: 07 Dec 2022 20:18

Tgt Ion:146 Resp: 107294
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 65.1 44.6 82.8

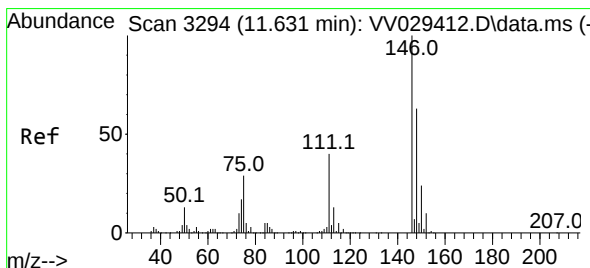
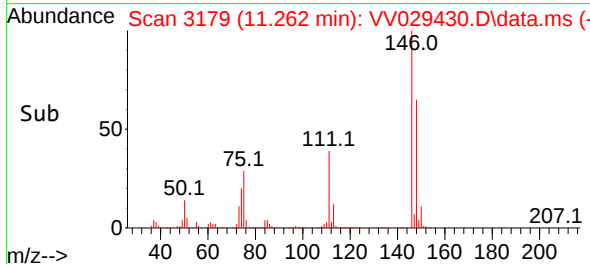
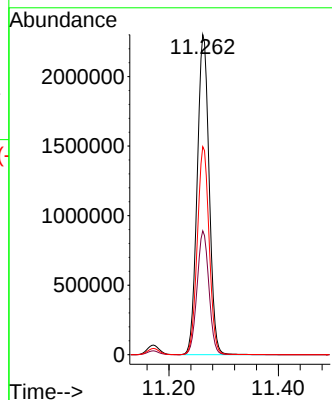
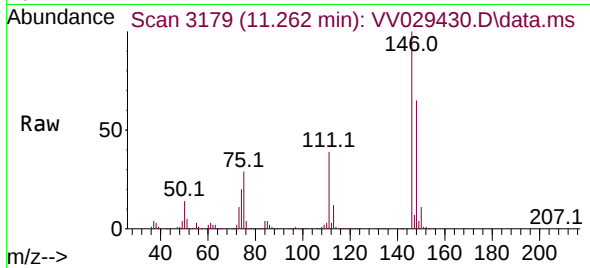




#65
1,4-Dichlorobenzene
Concen: 481.079 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029430.D
Acq: 07 Dec 2022 20:18

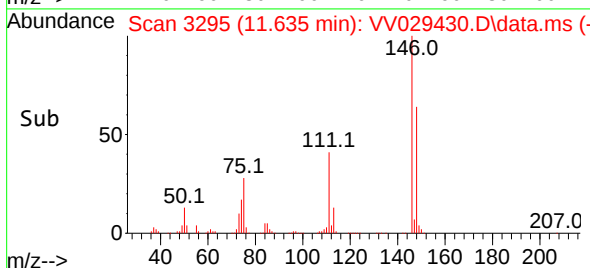
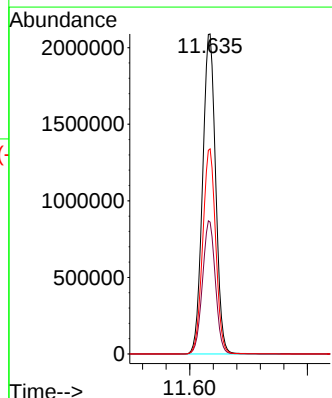
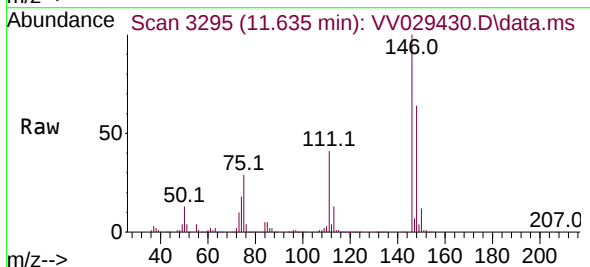
Instrument :
MSVOA_V
ClientSampleId :
C0AA4

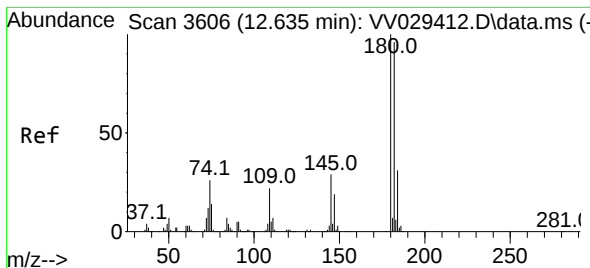
Tgt Ion:146 Resp: 3475887
Ion Ratio Lower Upper
146 100
111 38.7 26.2 48.8
148 65.0 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 441.256 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.003 min
Lab File: VV029430.D
Acq: 07 Dec 2022 20:18

Tgt Ion:146 Resp: 3207895
Ion Ratio Lower Upper
146 100
111 41.2 32.0 48.0
148 64.1 50.6 76.0





#69

1,3,5-Trichlorobenzene

Concen: 2.233 ug/L

RT: 13.249 min Scan# 31

Delta R.T. 0.614 min

Lab File: VV029430.D

Acq: 07 Dec 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

C0AA4

Tgt Ion:180 Resp: 12631

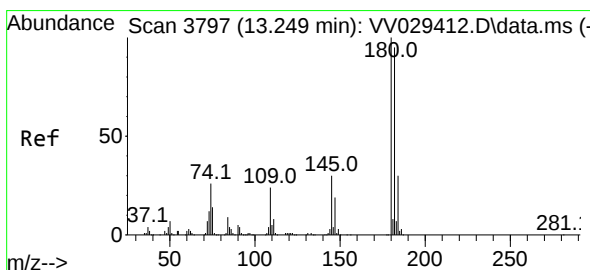
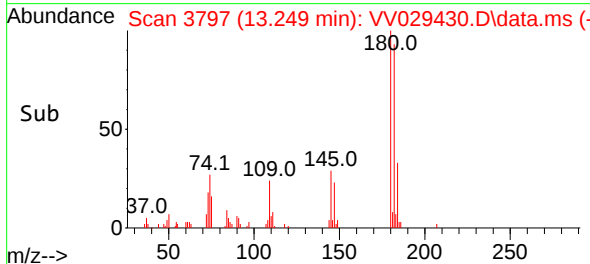
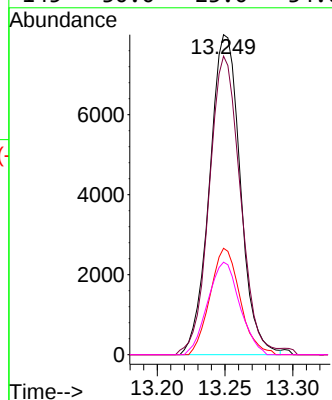
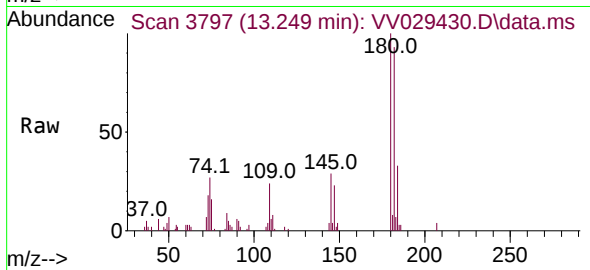
Ion Ratio Lower Upper

180 100

182 94.2 76.5 114.7

184 32.4 24.6 36.8

145 30.0 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 2.511 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029430.D

Acq: 07 Dec 2022 20:18

Tgt Ion:180 Resp: 12631

Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

145 30.0 23.7 35.5

