

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121223\
 Data File : VW033259.D
 Acq On : 12 Dec 2023 13:20
 Operator : SY/MD
 Sample : 05752-04 20X
 Misc : 2.04g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT2

Quant Time: Dec 13 00:42:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

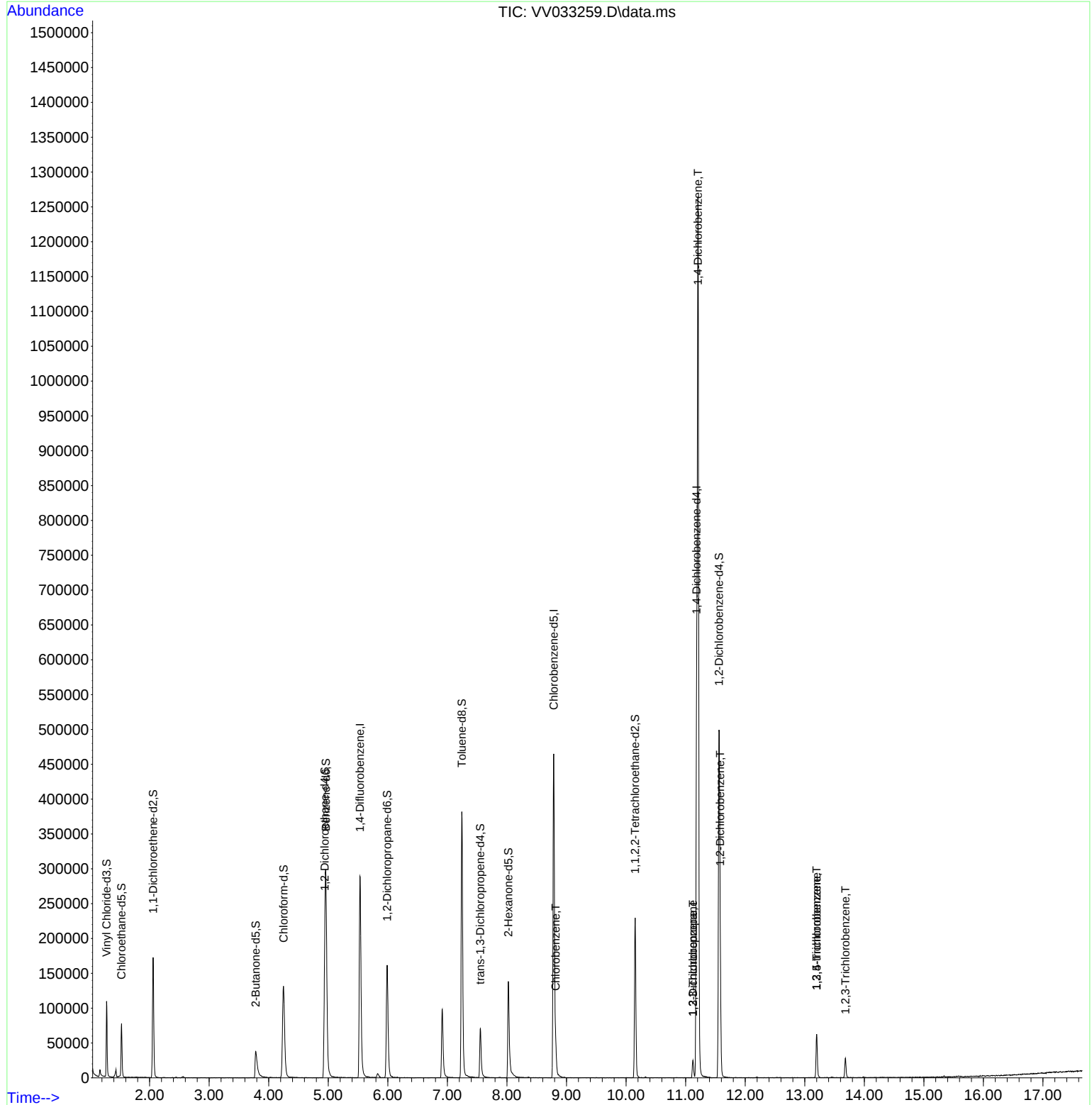
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	274724	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	270985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	149029	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67874	41.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.660%
7) Chloroethane-d5	1.529	69	49739	43.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.940%
11) 1,1-Dichloroethene-d2	2.059	65	27392	43.843	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.680%
21) 2-Butanone-d5	3.783	46	58133	71.268	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.270%
24) Chloroform-d	4.249	84	146692	42.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
26) 1,2-Dichloroethane-d4	4.940	65	95204	43.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
32) Benzene-d6	4.960	84	280812	44.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
36) 1,2-Dichloropropane-d6	5.989	67	71557	41.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.980%
41) Toluene-d8	7.242	98	263550	43.592	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.180%
43) trans-1,3-Dichloroprop...	7.554	79	41167	38.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.400%
47) 2-Hexanone-d5	8.024	63	48854	71.363	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	98447	40.640	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	127056	47.917	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.840%
Target Compounds						Qvalue
51) Chlorobenzene	8.818	112	26985	4.959	ug/L	98
61) 1,2,3-Trichloropropane	11.123	75	2800	1.507	ug/L #	40
64) 1,3-Dichlorobenzene	11.123	146	11326	2.467	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	507463	106.415	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	67949	15.098	ug/L	97
69) 1,3,5-Trichlorobenzene	13.200	180	20715	5.633	ug/L	100
70) 1,2,4-trichlorobenzene	13.200	180	20715	6.097	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	9508	2.900	ug/L	99

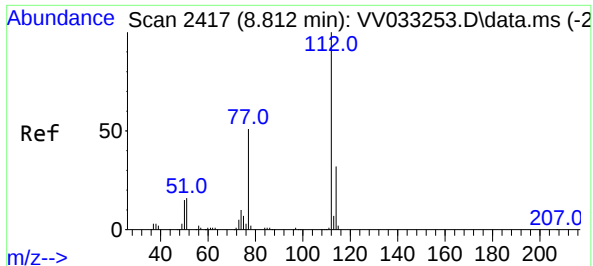
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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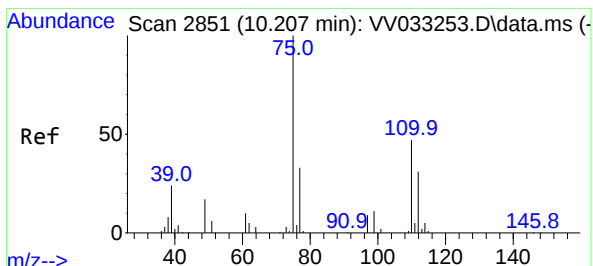
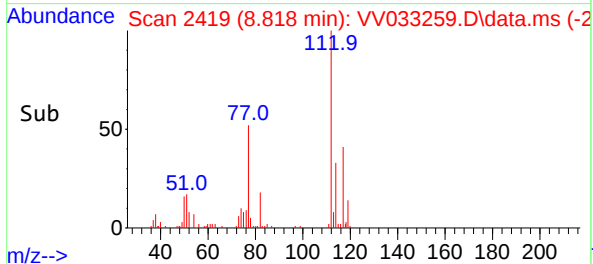
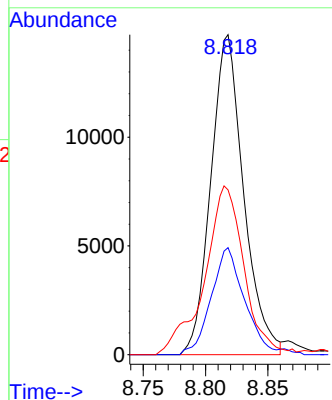
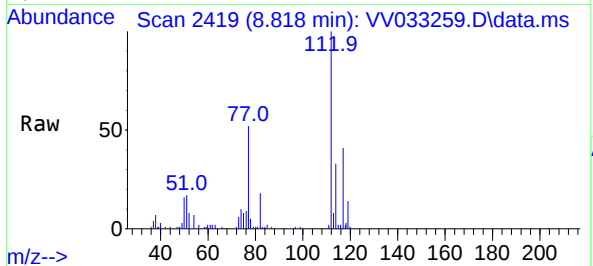




#51
Chlorobenzene
Concen: 4.959 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV033259.D
Acq: 12 Dec 2023 13:20

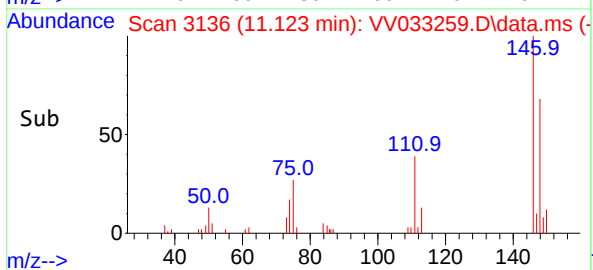
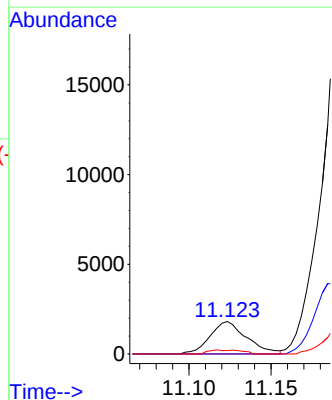
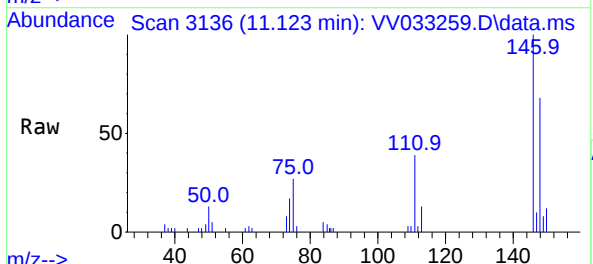
Instrument :
MSVOA_V
ClientSampleId :
C0AT2

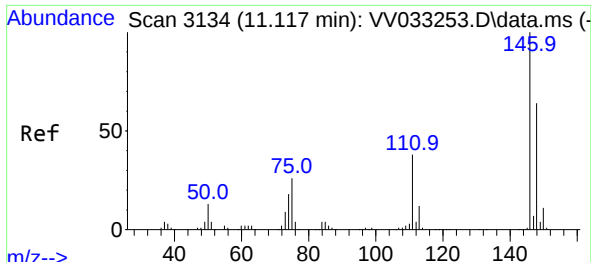
Tgt Ion:	112	Resp:	26985
Ion Ratio	Lower	Upper	
112	100		
114	33.5	22.9	42.5
77	51.5	42.6	64.0



#61
1,2,3-Trichloropropane
Concen: 1.507 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.916 min
Lab File: VV033259.D
Acq: 12 Dec 2023 13:20

Tgt Ion:	75	Resp:	2800
Ion Ratio	Lower	Upper	
75	100		
77	0.0	27.0	40.6#
110	6.4	38.1	57.1#

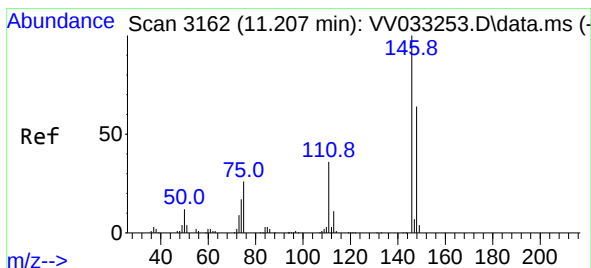
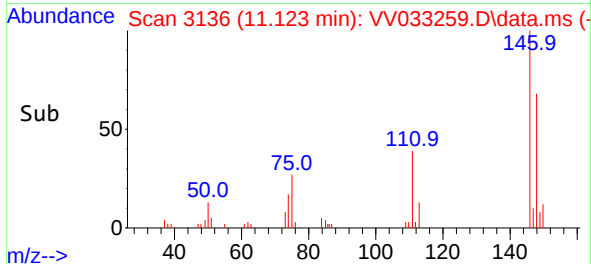
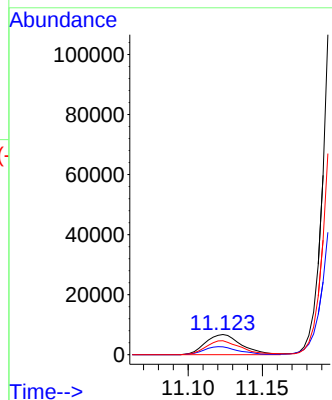
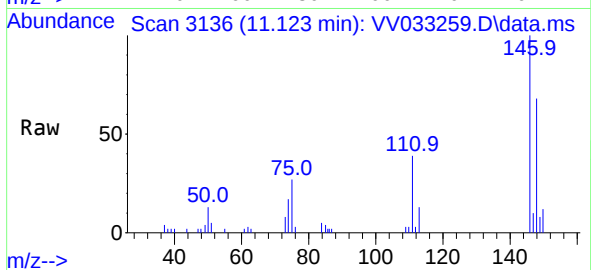




#64
1,3-Dichlorobenzene
Concen: 2.467 ug/L
RT: 11.123 min Scan# 3134
Delta R.T. 0.006 min
Lab File: VV033259.D
Acq: 12 Dec 2023 13:20

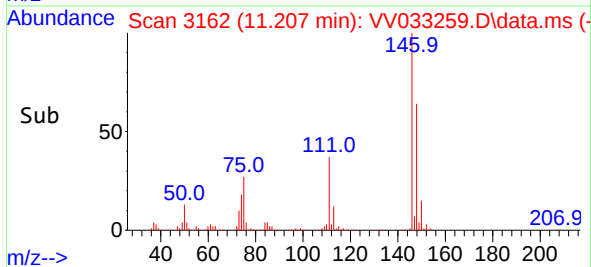
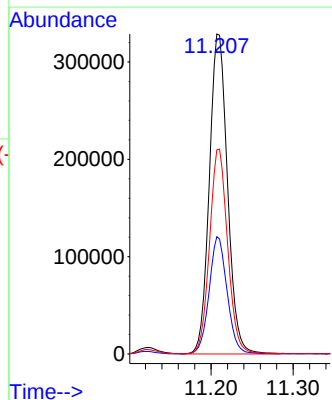
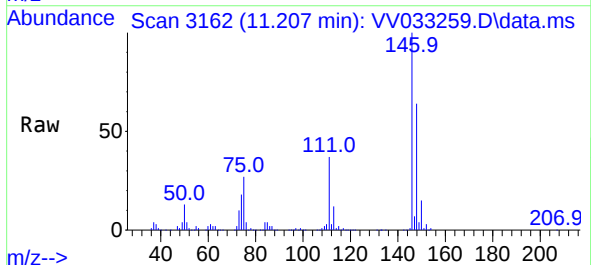
Instrument :
MSVOA_V
ClientSampleId :
C0AT2

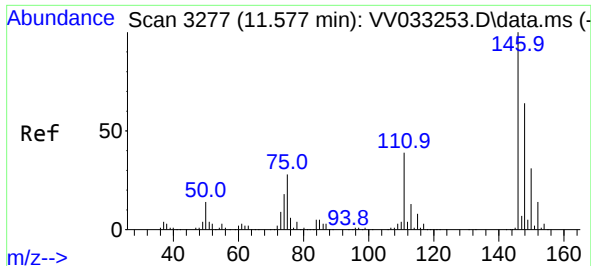
Tgt Ion:146 Resp: 11326
Ion Ratio Lower Upper
146 100
111 38.7 26.2 48.6
148 68.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 106.415 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033259.D
Acq: 12 Dec 2023 13:20

Tgt Ion:146 Resp: 507463
Ion Ratio Lower Upper
146 100
111 36.7 25.9 48.1
148 63.8 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 15.098 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033259.D

Acq: 12 Dec 2023 13:20

Instrument :

MSVOA_V

ClientSampleId :

C0AT2

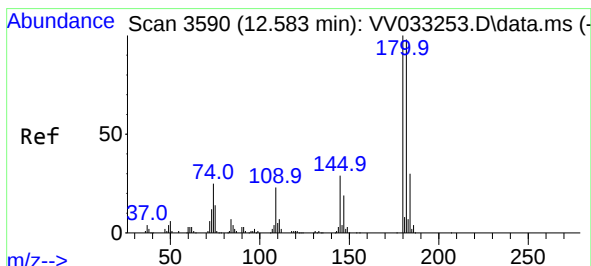
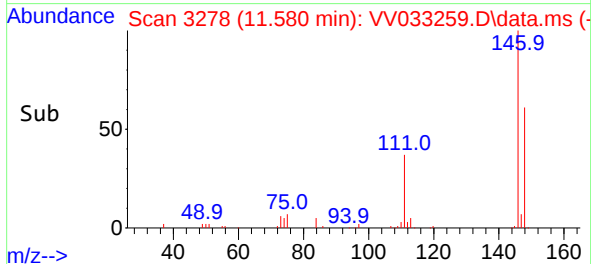
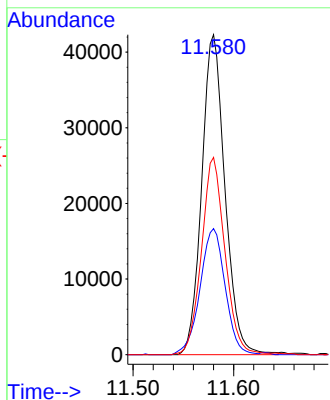
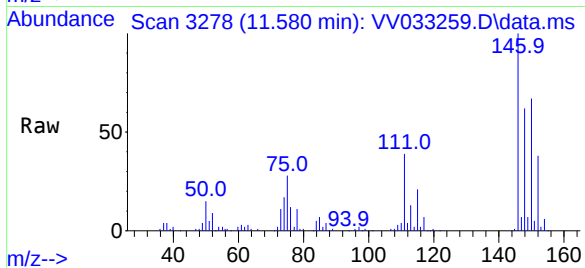
Tgt Ion:146 Resp: 67949

Ion Ratio Lower Upper

146 100

111 39.4 32.4 48.6

148 61.7 51.8 77.8



#69

1,3,5-Trichlorobenzene

Concen: 5.633 ug/L

RT: 13.200 min Scan# 3782

Delta R.T. 0.617 min

Lab File: VV033259.D

Acq: 12 Dec 2023 13:20

Tgt Ion:180 Resp: 20715

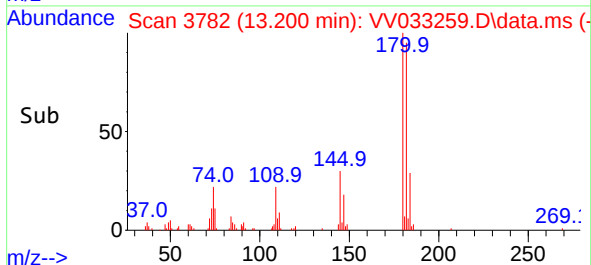
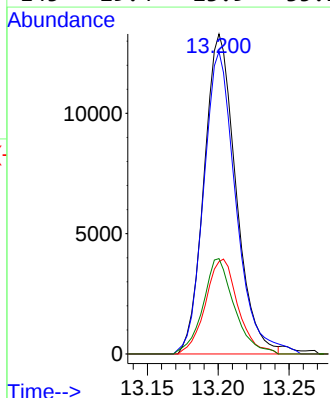
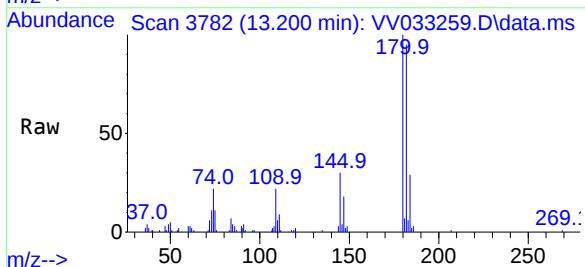
Ion Ratio Lower Upper

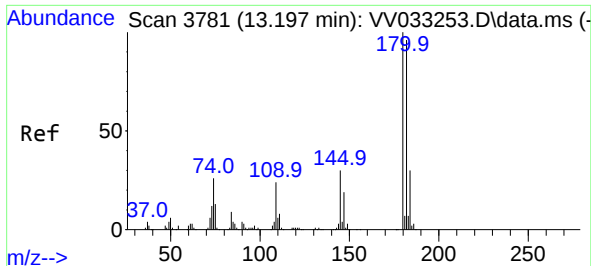
180 100

182 95.7 76.2 114.4

184 30.3 24.2 36.4

145 29.4 23.9 35.9

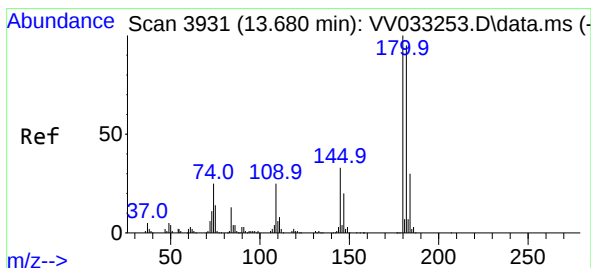
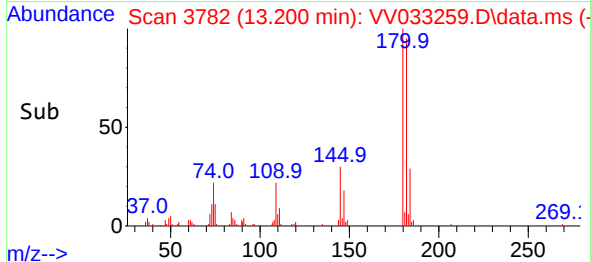
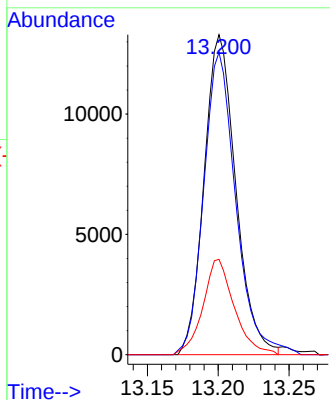
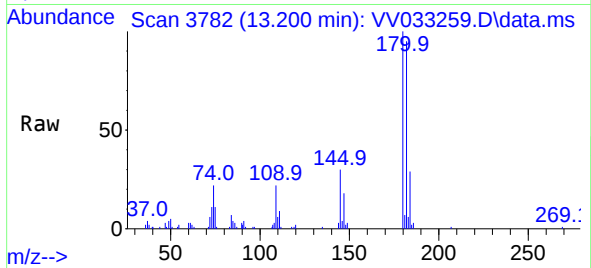




#70
1,2,4-trichlorobenzene
Concen: 6.097 ug/L
RT: 13.200 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033259.D
Acq: 12 Dec 2023 13:20

Instrument :
MSVOA_V
ClientSampleId :
C0AT2

Tgt Ion:	180	Resp:	20715
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.3	114.5
145	29.4	23.4	35.0



#72
1,2,3-Trichlorobenzene
Concen: 2.900 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033259.D
Acq: 12 Dec 2023 13:20

Tgt Ion:	180	Resp:	9508
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.2	112.8
145	30.8	24.9	37.3

