

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034769.D
 Acq On : 20 Mar 2024 17:44
 Operator : SY/MD
 Sample : P1778-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GQ0

Quant Time: Mar 21 02:22:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

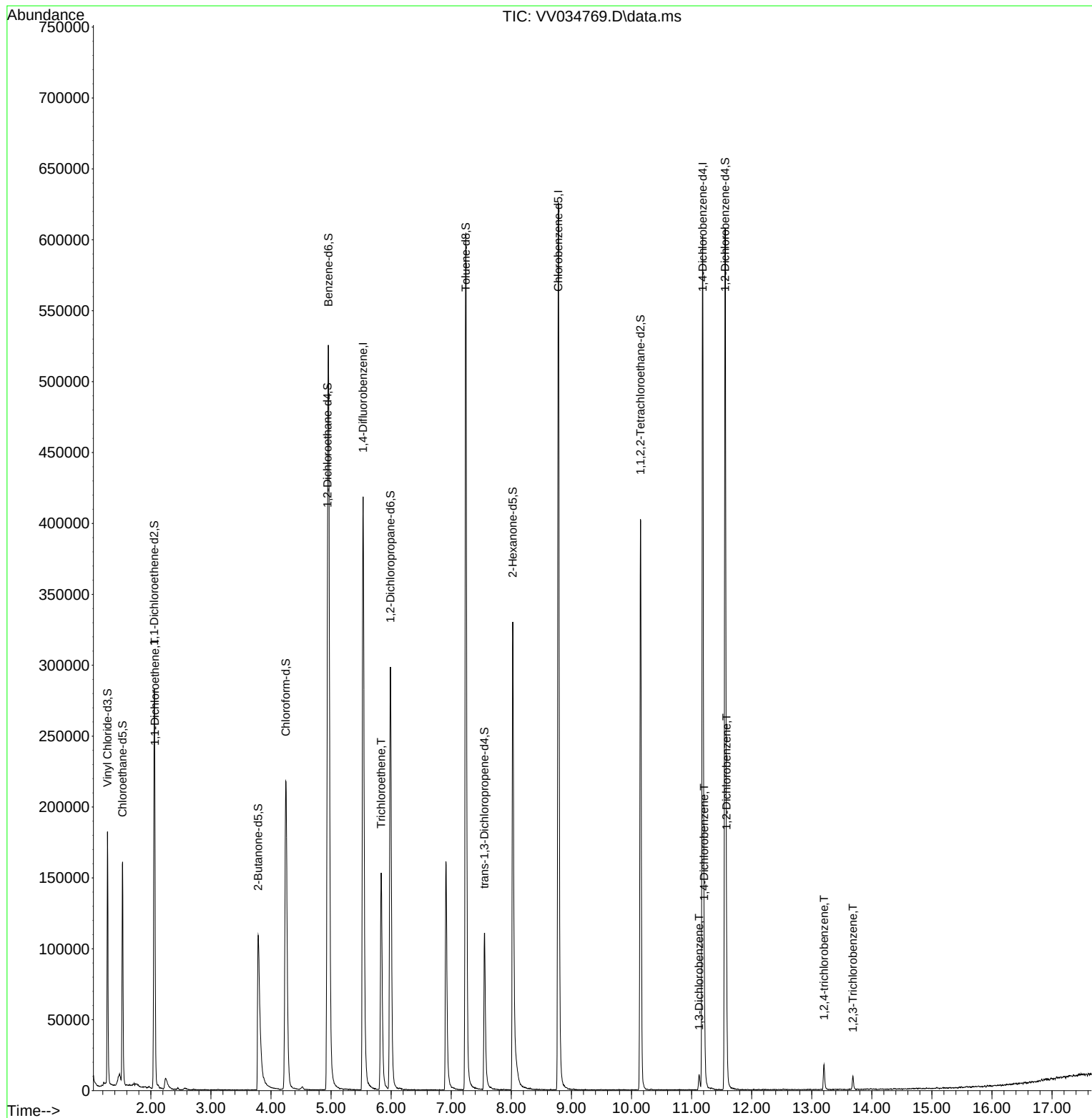
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	363170	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154035	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113188	35.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.900%
7) Chloroethane-d5	1.529	69	100766	41.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.160%
11) 1,1-Dichloroethene-d2	2.057	65	46446	32.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.240%
21) 2-Butanone-d5	3.786	46	176799	83.974	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.970%
24) Chloroform-d	4.246	84	240125	43.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	4.941	65	159998	43.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
32) Benzene-d6	4.957	84	456163	45.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.560%
36) 1,2-Dichloropropane-d6	5.989	67	145896	47.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	7.243	98	404489	44.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.740%
43) trans-1,3-Dichloroprop...	7.551	79	67035	43.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.840%
47) 2-Hexanone-d5	8.024	63	113171	73.722	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.720%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190720	47.143	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	153816	48.853	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	4338	1.595	ug/L	# 1
34) Trichloroethene	5.835	95	53922	18.310	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	5269	1.046	ug/L	95
65) 1,4-Dichlorobenzene	11.211	146	24575	4.804	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	22603	4.478	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	5701	1.677	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	3114	0.939	ug/L	95

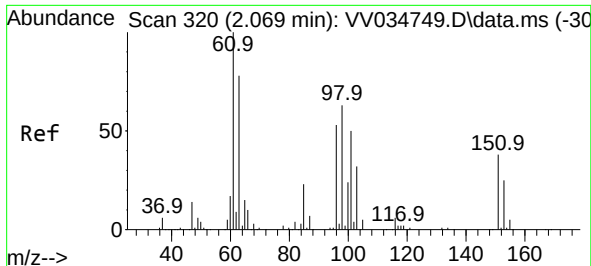
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.595 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034769.D

Acq: 20 Mar 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

C0GQ0

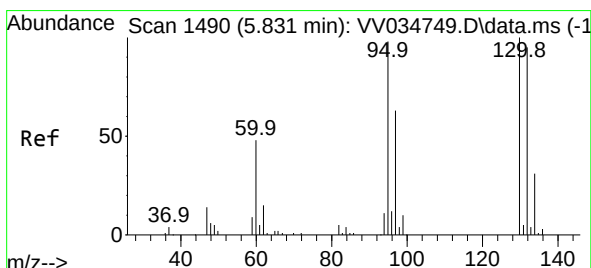
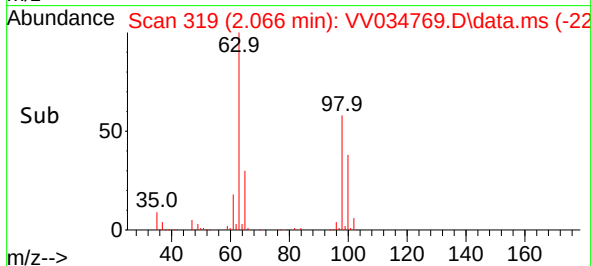
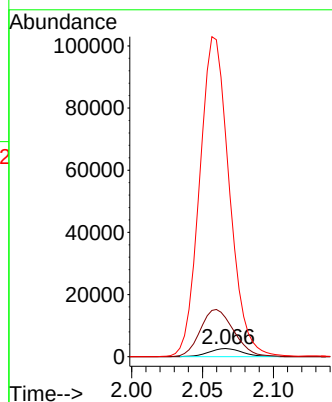
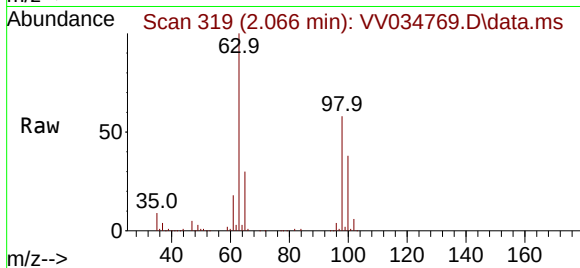
Tgt Ion: 96 Resp: 4338

Ion Ratio Lower Upper

96 100

61 481.7 128.9 239.3#

63 2746.1 98.0 182.0#



#34

Trichloroethene

Concen: 18.310 ug/L

RT: 5.835 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034769.D

Acq: 20 Mar 2024 17:44

Tgt Ion: 95 Resp: 53922

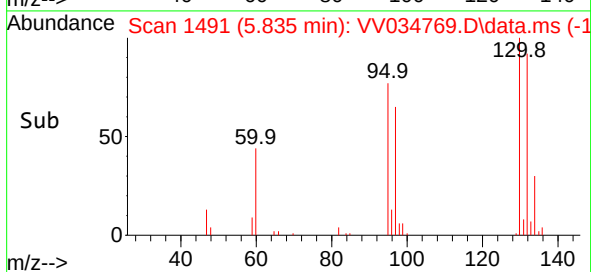
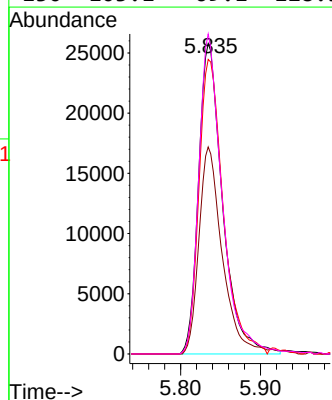
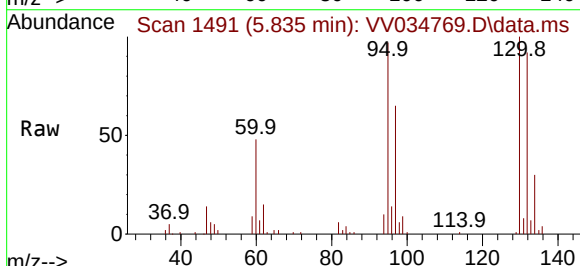
Ion Ratio Lower Upper

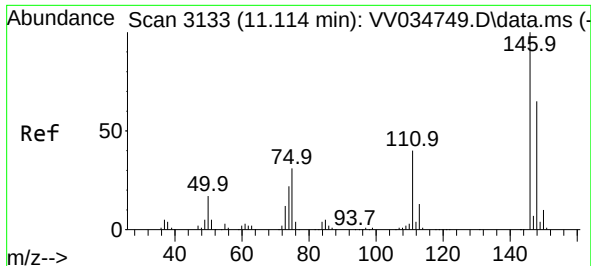
95 100

97 66.7 44.7 83.1

132 94.9 65.3 121.3

130 103.1 69.1 128.3

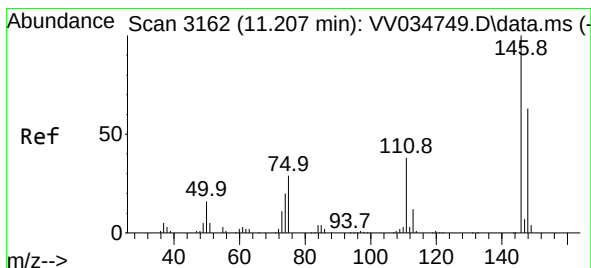
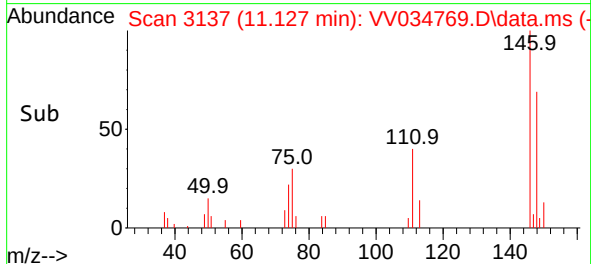
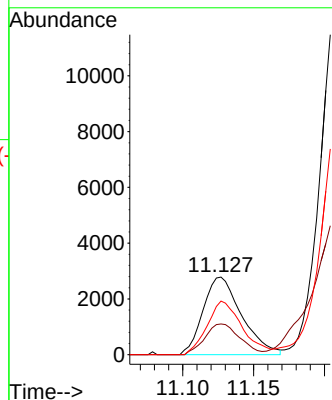
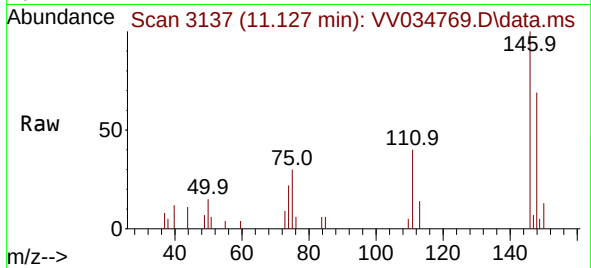




#64
1,3-Dichlorobenzene
Concen: 1.046 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

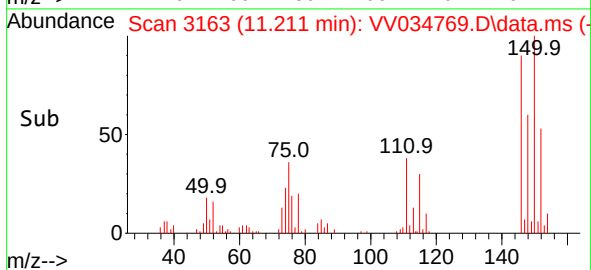
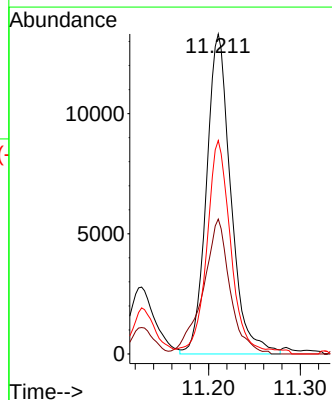
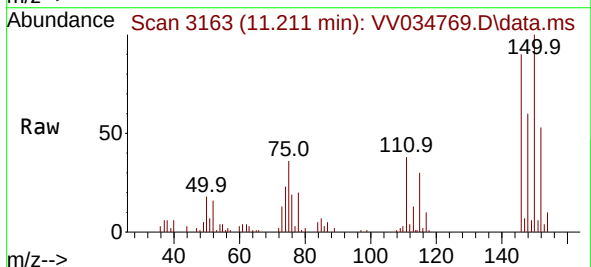
Instrument :
MSVOA_V
ClientSampleId :
C0GQ0

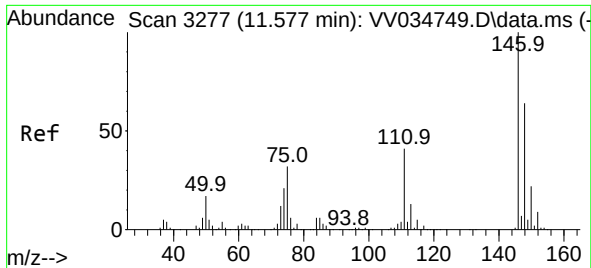
Tgt Ion:146 Resp: 5269
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 68.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 4.804 ug/L
RT: 11.211 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034769.D
Acq: 20 Mar 2024 17:44

Tgt Ion:146 Resp: 24575
Ion Ratio Lower Upper
146 100
111 42.1 26.5 49.1
148 66.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 4.478 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034769.D

Acq: 20 Mar 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

C0GQ0

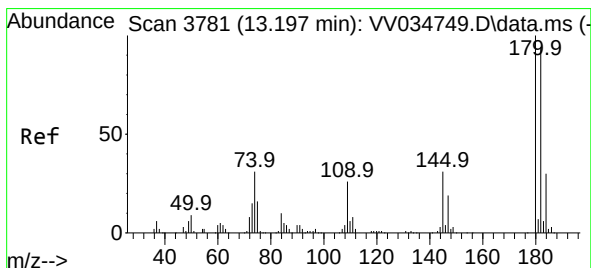
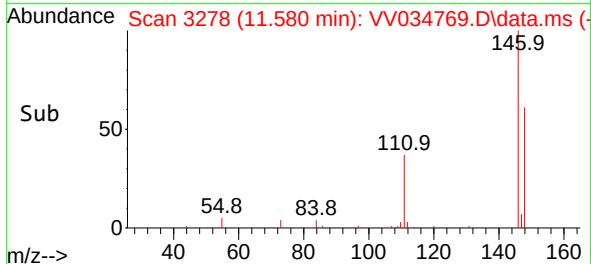
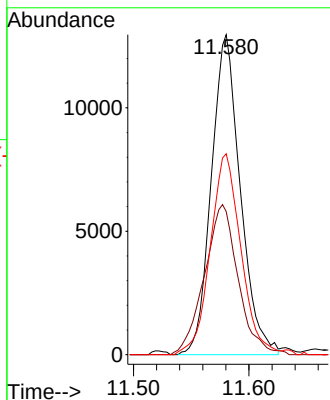
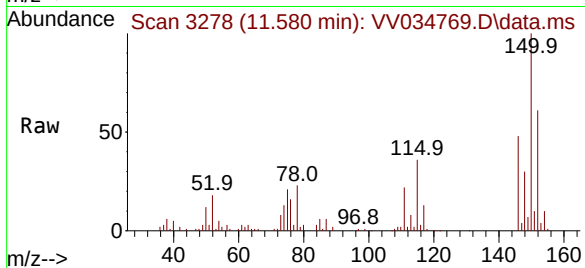
Tgt Ion:146 Resp: 22603

Ion Ratio Lower Upper

146 100

111 44.8 33.8 50.8

148 62.8 51.3 76.9



#70

1,2,4-trichlorobenzene

Concen: 1.677 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.007 min

Lab File: VV034769.D

Acq: 20 Mar 2024 17:44

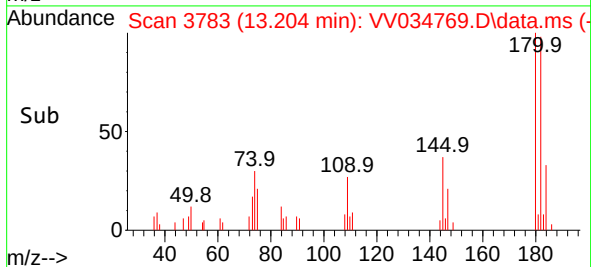
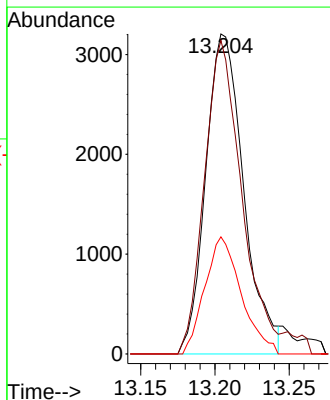
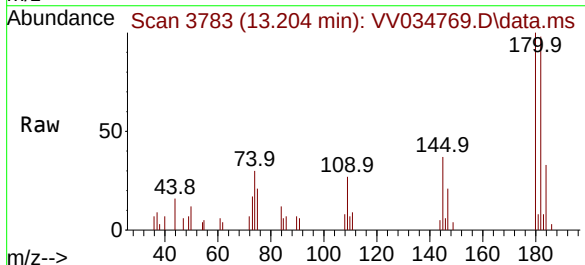
Tgt Ion:180 Resp: 5701

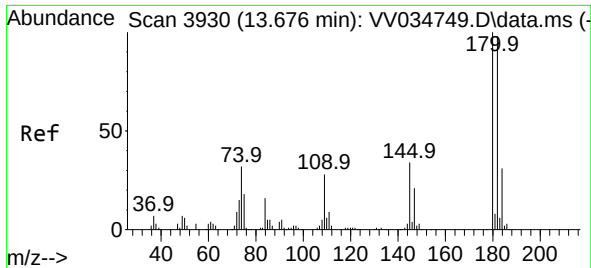
Ion Ratio Lower Upper

180 100

182 95.7 74.8 112.2

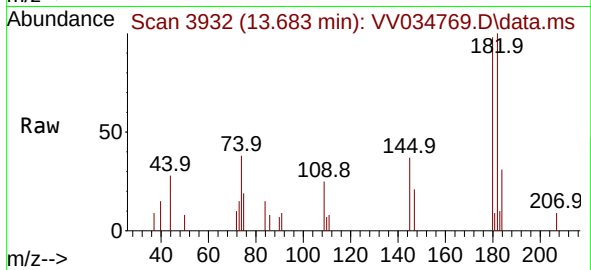
145 35.1 24.2 36.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.939 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV034769.D
 Acq: 20 Mar 2024 17:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GQ0



Tgt Ion:	180	Resp:	3114
Ion	Ratio	Lower	Upper
180	100		
182	101.6	75.9	113.9
145	32.4	25.5	38.3

