

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034605.D
 Acq On : 14 Mar 2024 15:51
 Operator : SY/MD
 Sample : P1728-01DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B74DL

Quant Time: Mar 15 03:37:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

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

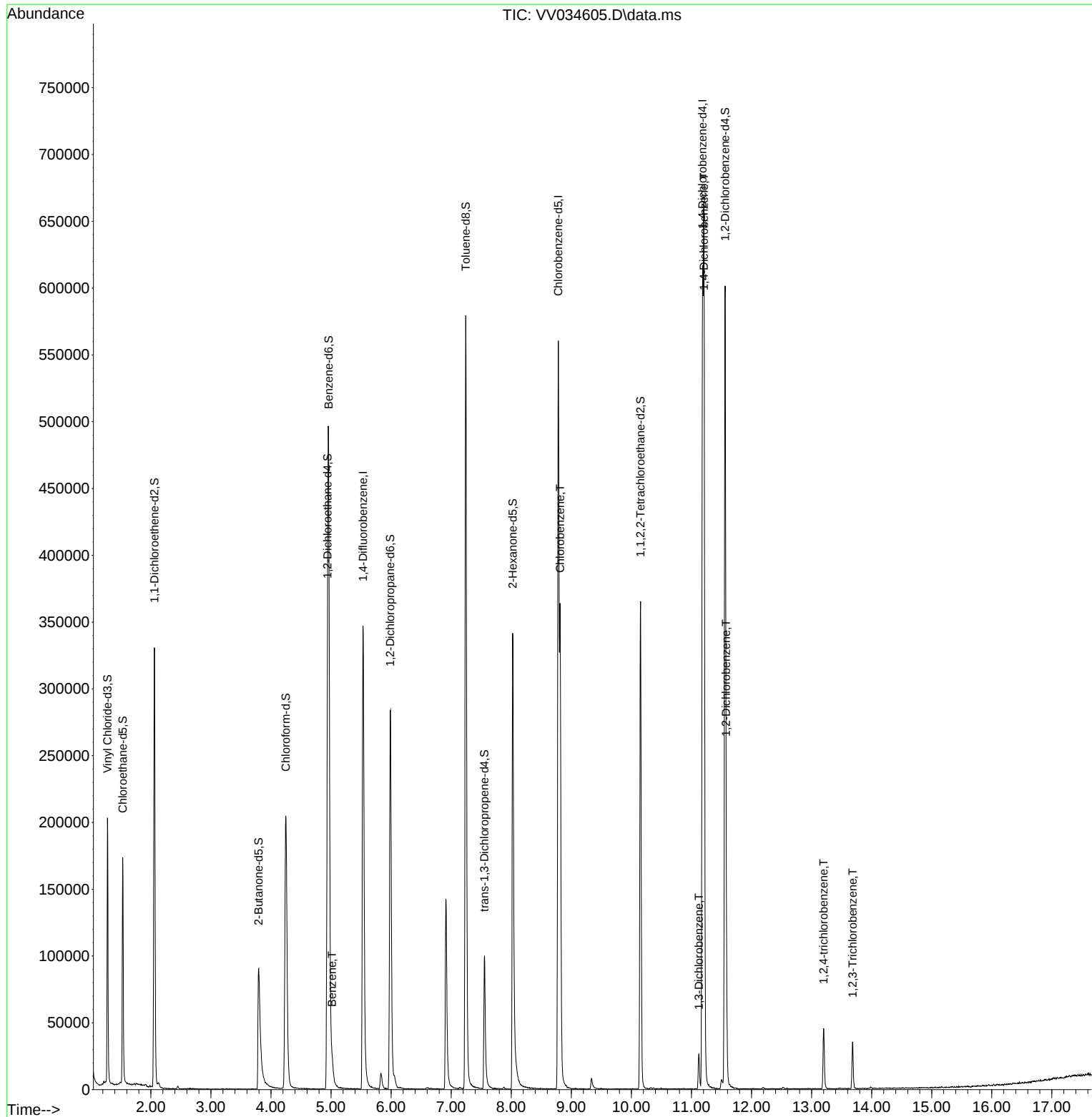
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300500	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	124914	47.951	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	95.900%	
7) Chloroethane-d5	1.532	69	102537	50.523	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.040%	
11) 1,1-Dichloroethene-d2	2.059	65	55248	46.895	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.800%	
21) 2-Butanone-d5	3.793	46	159354	91.473	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.470%	
24) Chloroform-d	4.246	84	219453	47.645	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.300%	
26) 1,2-Dichloroethane-d4	4.940	65	147794	49.103	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.200%	
32) Benzene-d6	4.960	84	429716	50.395	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.780%	
36) 1,2-Dichloropropane-d6	5.985	67	134046	51.511	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.020%	
41) Toluene-d8	7.243	98	384281	49.800	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	7.554	79	59538	45.561	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.120%	
47) 2-Hexanone-d5	8.024	63	119821	92.208	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.210%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	168833	49.301	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	143888	50.821	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.640%	
Target Compounds						
					Qvalue	
33) Benzene	5.014	78	19009m	2.168	ug/L	
51) Chlorobenzene	8.815	112	180353	30.057	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	10810	2.387	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	242391	52.697	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	31376	6.913	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	13537	4.427	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	10306	3.455	ug/L	96

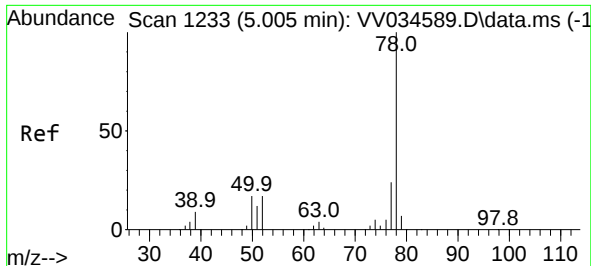
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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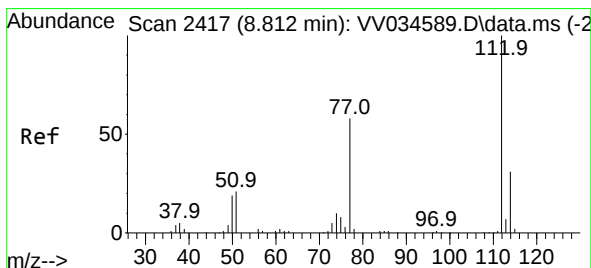
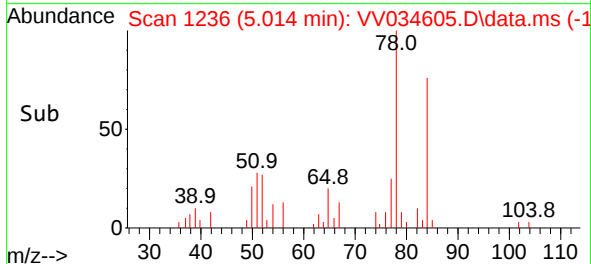
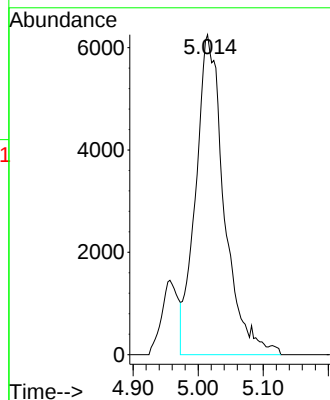
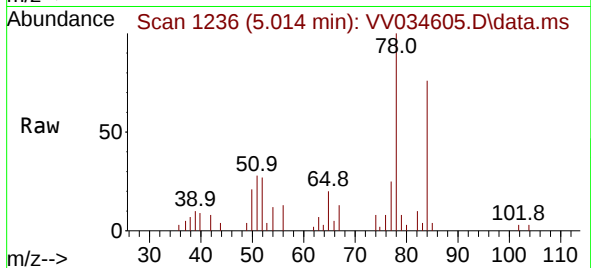




#33
Benzene
Concen: 2.168 ug/L m
RT: 5.014 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034605.D
Acq: 14 Mar 2024 15:51

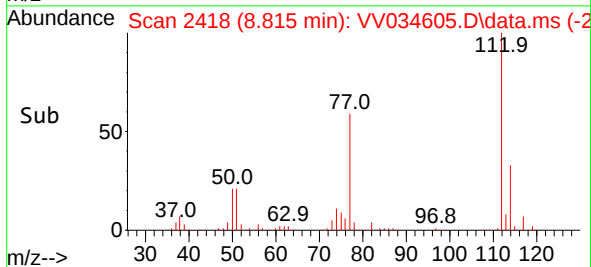
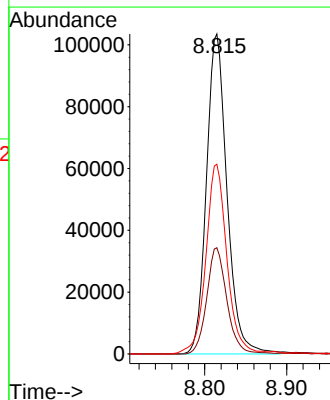
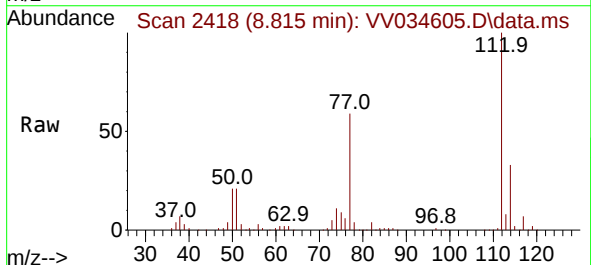
Instrument :
MSVOA_V
ClientSampleId :
C0B74DL

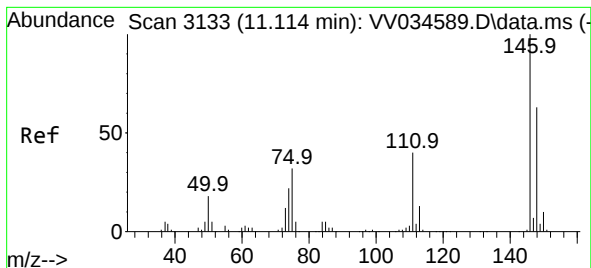
Tgt Ion: 78 Resp: 19009



#51
Chlorobenzene
Concen: 30.057 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034605.D
Acq: 14 Mar 2024 15:51

Tgt Ion: 112 Resp: 180353
Ion Ratio Lower Upper
112 100
114 33.2 22.3 41.5
77 59.3 47.7 71.5





#64

1,3-Dichlorobenzene

Concen: 2.387 ug/L

RT: 11.123 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

C0B74DL

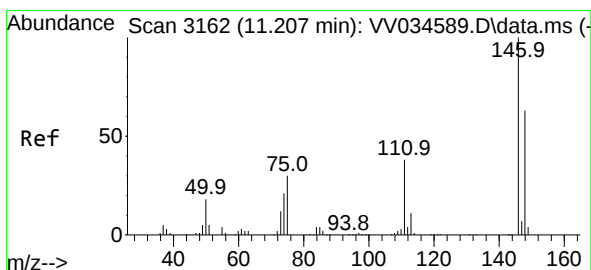
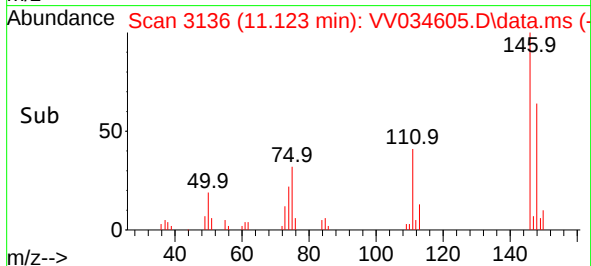
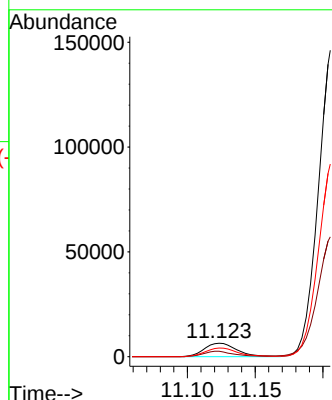
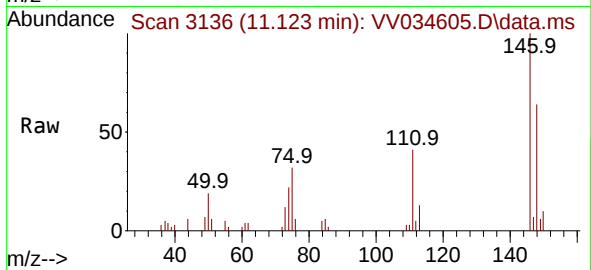
Tgt Ion:146 Resp: 10810

Ion Ratio Lower Upper

146 100

111 40.5 27.9 51.7

148 63.6 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 52.697 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

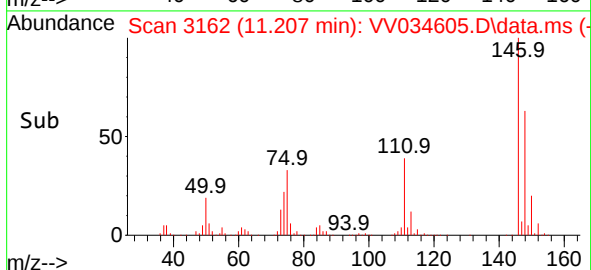
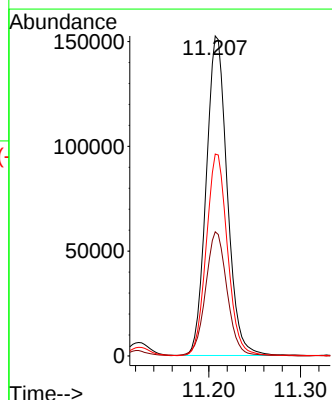
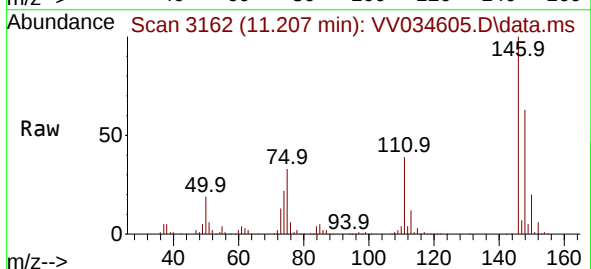
Tgt Ion:146 Resp: 242391

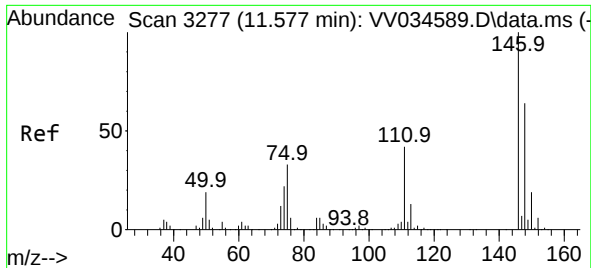
Ion Ratio Lower Upper

146 100

111 38.8 26.5 49.1

148 63.1 44.0 81.8

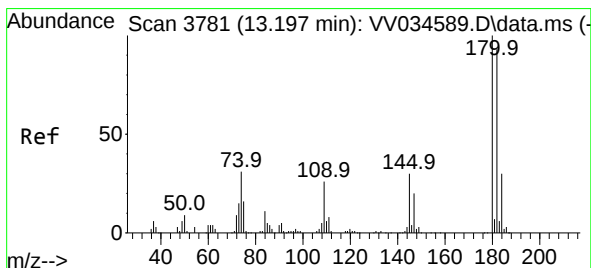
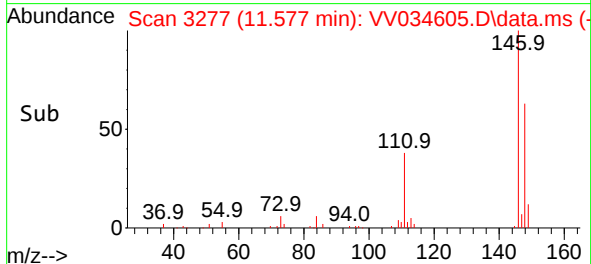
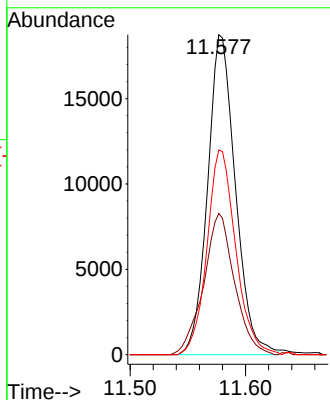
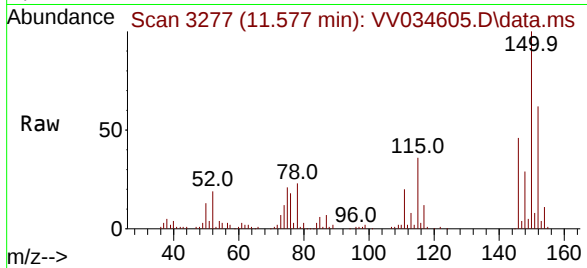




#67
1,2-Dichlorobenzene
Concen: 6.913 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034605.D
Acq: 14 Mar 2024 15:51

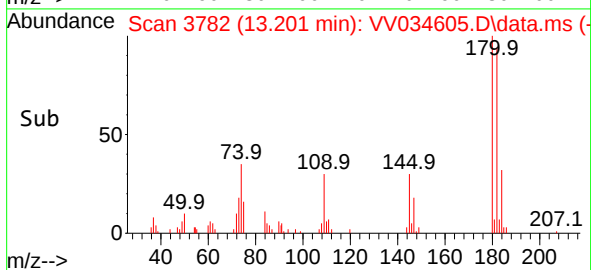
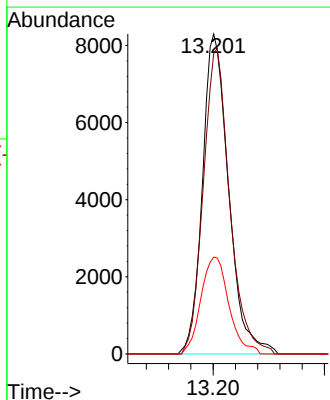
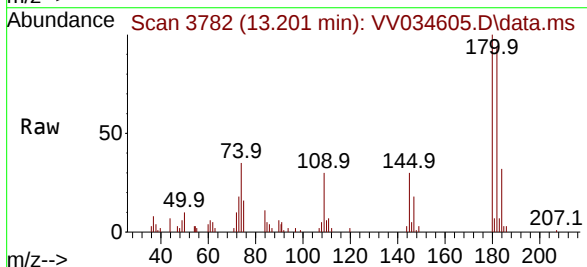
Instrument :
MSVOA_V
ClientSampleId :
C0B74DL

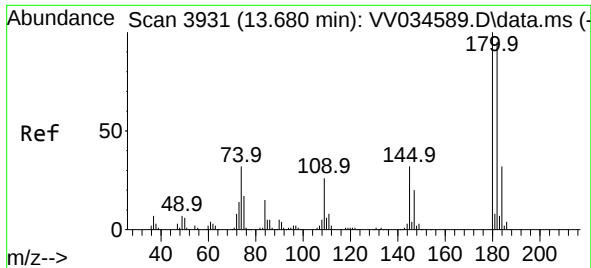
Tgt Ion:146 Resp: 31376
Ion Ratio Lower Upper
146 100
111 44.1 33.8 50.8
148 64.0 51.3 76.9



#70
1,2,4-trichlorobenzene
Concen: 4.427 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV034605.D
Acq: 14 Mar 2024 15:51

Tgt Ion:180 Resp: 13537
Ion Ratio Lower Upper
180 100
182 96.1 74.8 112.2
145 32.3 24.2 36.4





#72
 1,2,3-Trichlorobenzene
 Concen: 3.455 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.003 min
 Lab File: VV034605.D
 Acq: 14 Mar 2024 15:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B74DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.9	113.9
145	35.8	25.5	38.3

