

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034606.D
 Acq On : 14 Mar 2024 16:15
 Operator : SY/MD
 Sample : P1728-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B75DL

Quant Time: Mar 15 03:37:48 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)

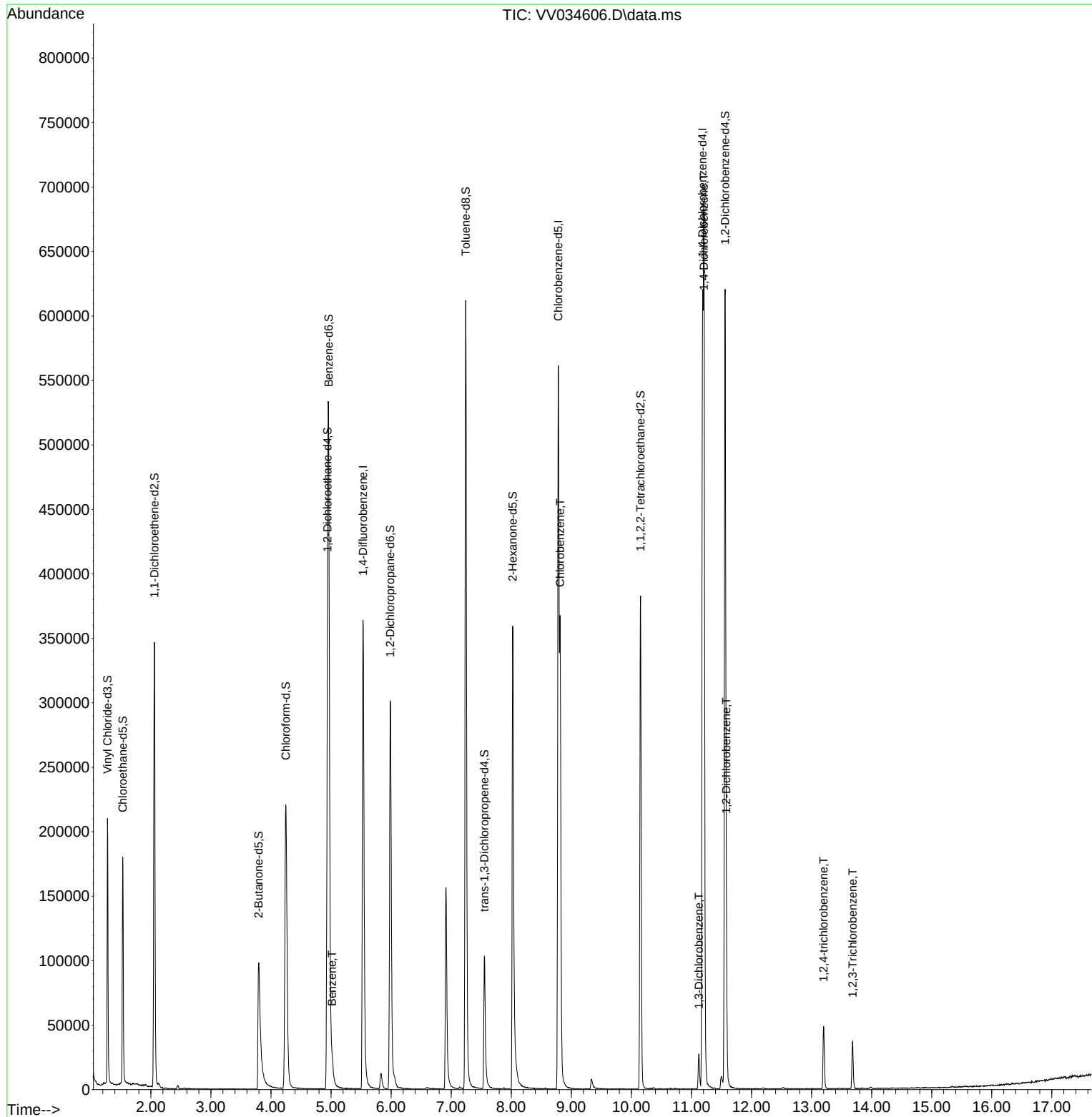
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	310992	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	129702	48.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.220%
7) Chloroethane-d5	1.532	69	105551	50.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.500%
11) 1,1-Dichloroethene-d2	2.060	65	58713	48.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.300%
21) 2-Butanone-d5	3.796	46	183196	101.612	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.610%
24) Chloroform-d	4.246	84	234530	49.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.940	65	160402	51.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
32) Benzene-d6	4.960	84	462058	53.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.420%
36) 1,2-Dichloropropane-d6	5.985	67	144728	55.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.240%
41) Toluene-d8	7.243	98	404770	51.990	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.980%
43) trans-1,3-Dichloroprop...	7.554	79	62520	47.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.840%
47) 2-Hexanone-d5	8.024	63	126253	96.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	176365	51.044	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	150093	52.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.840%
Target Compounds						
					Qvalue	
33) Benzene	5.014	78	17328	1.958	ug/L	100
51) Chlorobenzene	8.815	112	187510	30.973	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	11477	2.506	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	250402	53.834	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	32333	7.045	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	14675	4.746	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	11335	3.758	ug/L	98

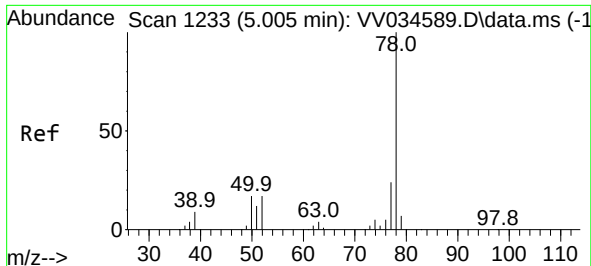
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 15 03:33:21 2024
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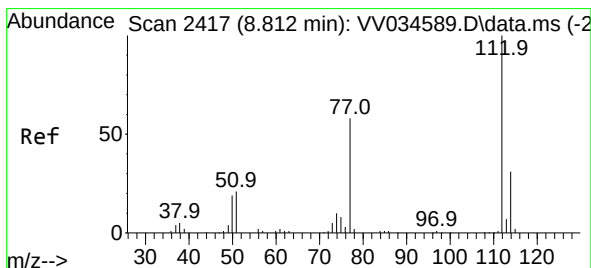
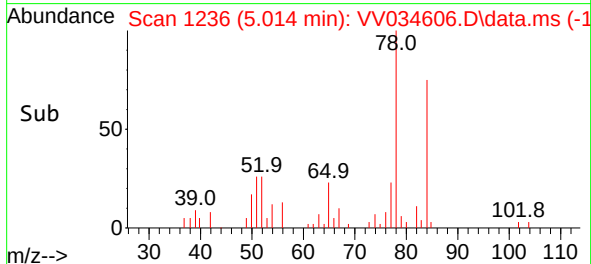
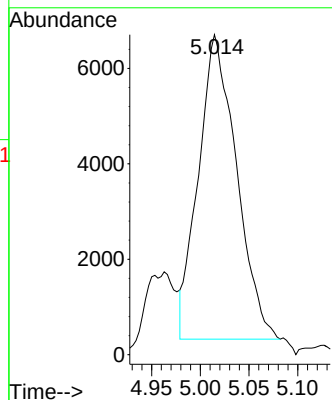
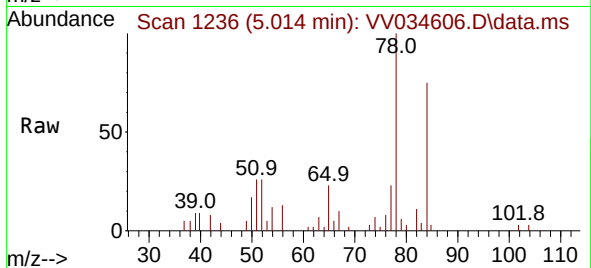




#33
Benzene
Concen: 1.958 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034606.D
Acq: 14 Mar 2024 16:15

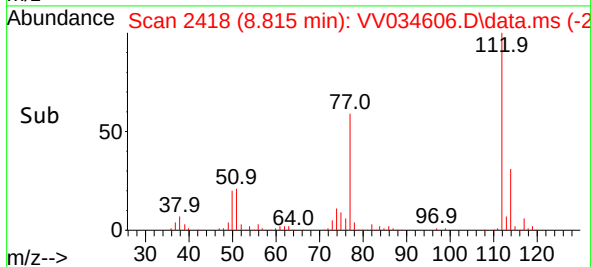
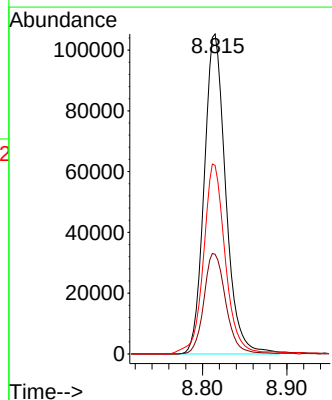
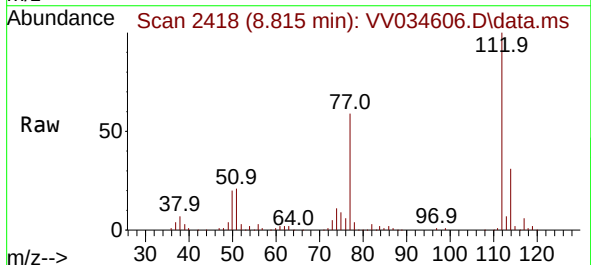
Instrument :
MSVOA_V
ClientSampleId :
C0B75DL

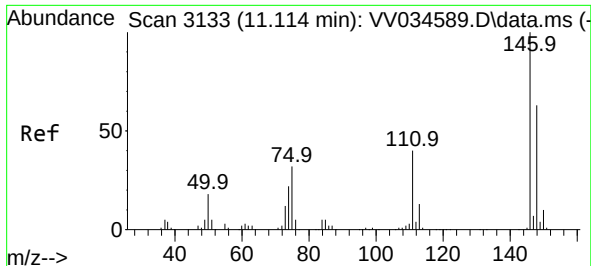
Tgt Ion: 78 Resp: 17328



#51
Chlorobenzene
Concen: 30.973 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034606.D
Acq: 14 Mar 2024 16:15

Tgt Ion: 112 Resp: 187510
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.5
77 58.9 47.7 71.5

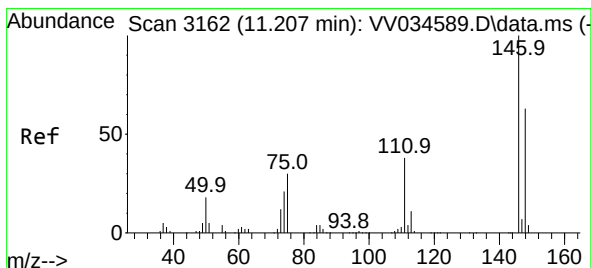
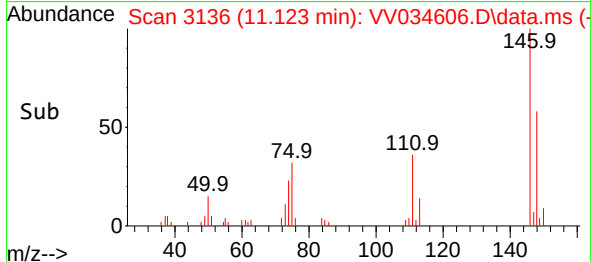
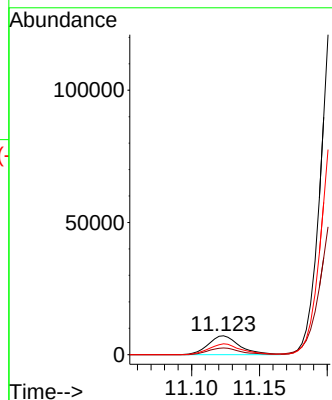
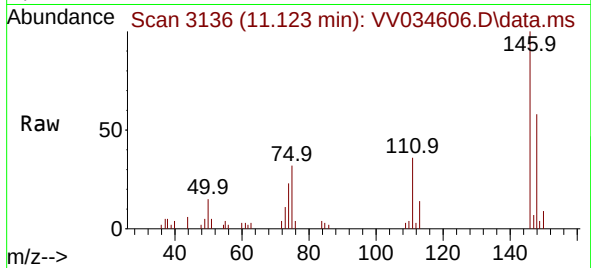




#64
1,3-Dichlorobenzene
Concen: 2.506 ug/L
RT: 11.123 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV034606.D
Acq: 14 Mar 2024 16:15

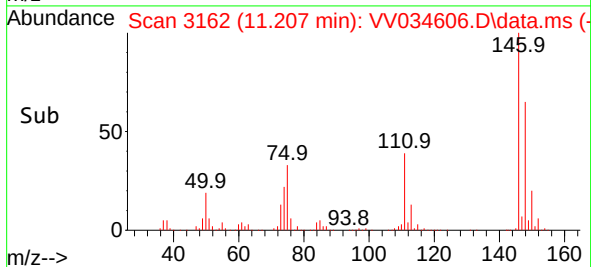
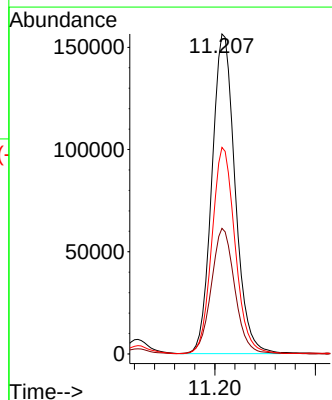
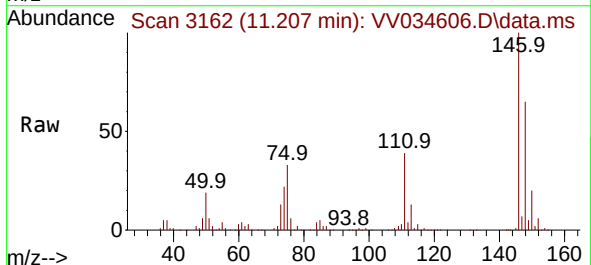
Instrument :
MSVOA_V
ClientSampleId :
C0B75DL

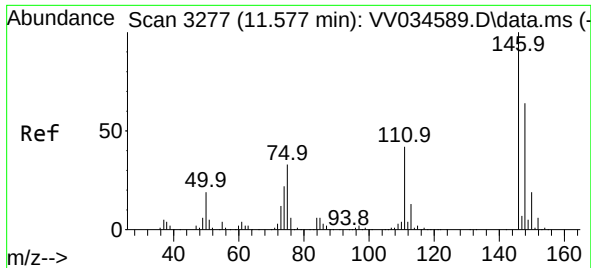
Tgt Ion:146 Resp: 11477
Ion Ratio Lower Upper
146 100
111 35.5 27.9 51.7
148 57.6 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 53.834 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034606.D
Acq: 14 Mar 2024 16:15

Tgt Ion:146 Resp: 250402
Ion Ratio Lower Upper
146 100
111 39.2 26.5 49.1
148 64.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 7.045 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034606.D

Acq: 14 Mar 2024 16:15

Instrument :

MSVOA_V

ClientSampleId :

C0B75DL

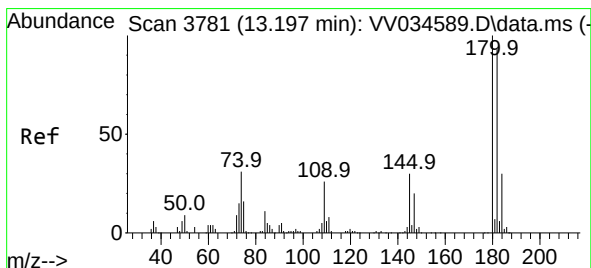
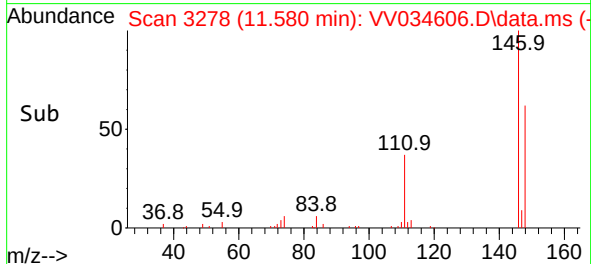
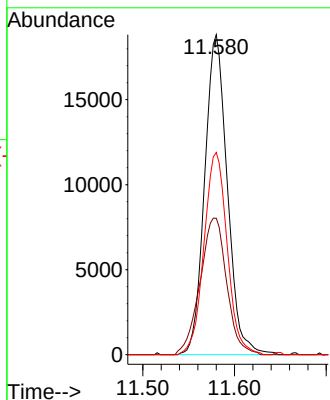
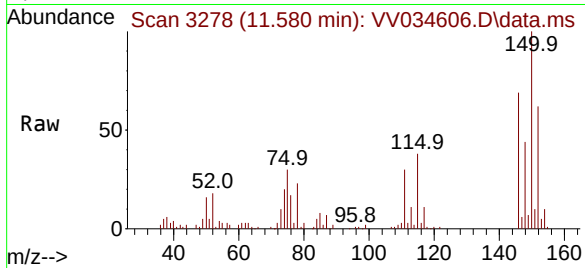
Tgt Ion:146 Resp: 32333

Ion Ratio Lower Upper

146 100

111 42.7 33.8 50.8

148 63.2 51.3 76.9



#70

1,2,4-trichlorobenzene

Concen: 4.746 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034606.D

Acq: 14 Mar 2024 16:15

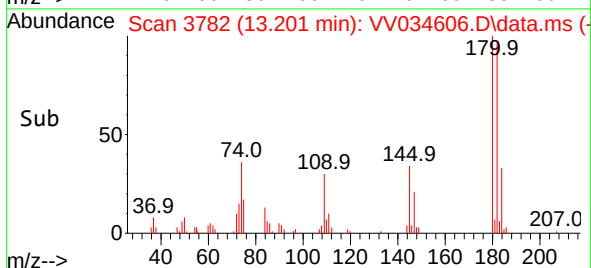
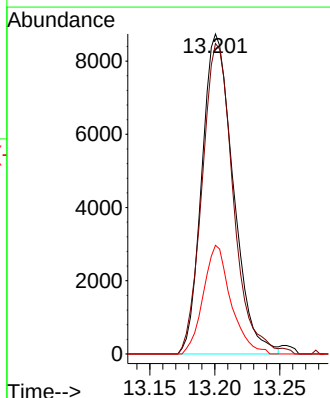
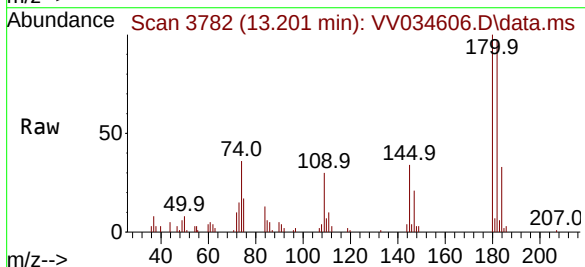
Tgt Ion:180 Resp: 14675

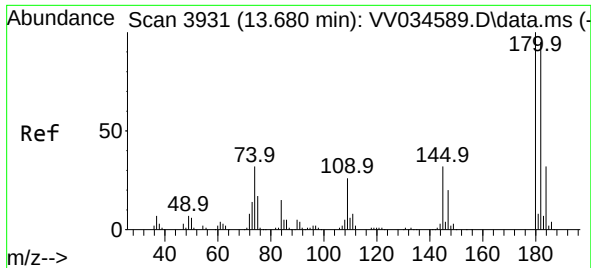
Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

145 29.7 24.2 36.4





#72
 1,2,3-Trichlorobenzene
 Concen: 3.758 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.003 min
 Lab File: VV034606.D
 Acq: 14 Mar 2024 16:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B75DL

Tgt Ion:180 Resp: 11335
 Ion Ratio Lower Upper
 180 100
 182 92.7 75.9 113.9
 145 32.2 25.5 38.3

