

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034568.D
 Acq On : 13 Mar 2024 12:29
 Operator : SY/MD
 Sample : P1739-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 14 02:23:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

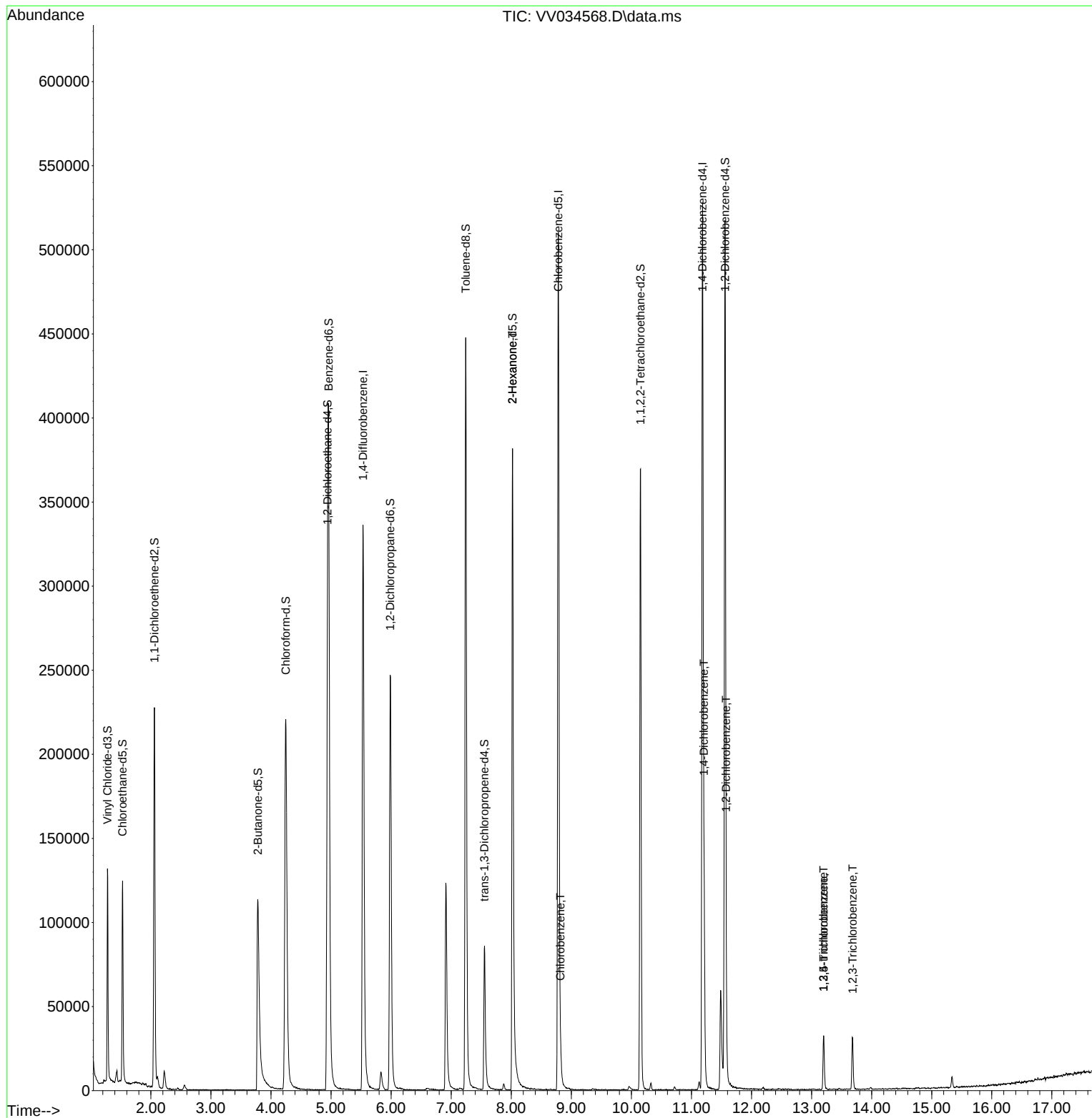
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	290273	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	273133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80559	32.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.020%		
7) Chloroethane-d5	1.529	69	76363	38.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.900%		
11) 1,1-Dichloroethene-d2	2.060	65	38652	33.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.920%		
21) 2-Butanone-d5	3.780	46	191904	114.039	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.040%		
24) Chloroform-d	4.246	84	196297	44.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
26) 1,2-Dichloroethane-d4	4.941	65	136002	46.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.560%		
32) Benzene-d6	4.960	84	350384	42.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.020%		
36) 1,2-Dichloropropane-d6	5.985	67	118646	47.163	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.320%		
41) Toluene-d8	7.243	98	298641	40.034	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.060%		
43) trans-1,3-Dichloroprop...	7.555	79	51866	41.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.120%		
47) 2-Hexanone-d5	8.021	63	132170	105.213	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.210%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	173548	52.422	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.840%		
66) 1,2-Dichlorobenzene-d4	11.561	152	125841	47.860	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.720%		
Target Compounds						Qvalue
48) 2-Hexanone	8.021	43	16065	6.160	ug/L #	70
51) Chlorobenzene	8.818	112	12058	2.079	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	46056	10.782	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	6388	1.516	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	10014	3.173	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	10014	3.527	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	9591	3.462	ug/L	98

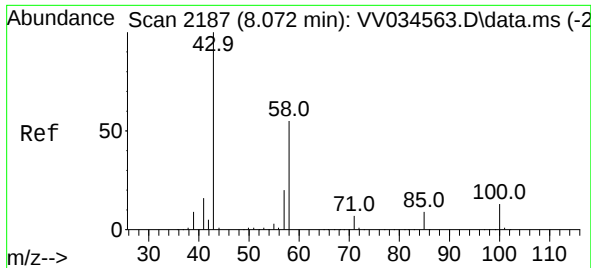
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 02:23:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 02:21:30 2024
Response via : Initial Calibration

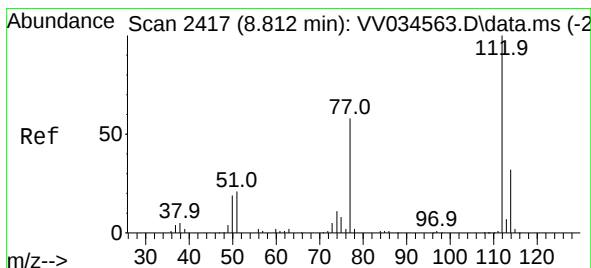
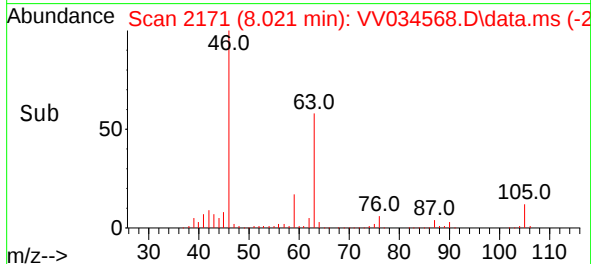
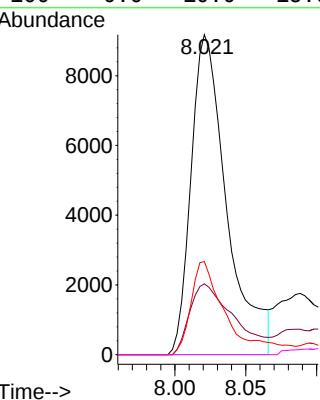
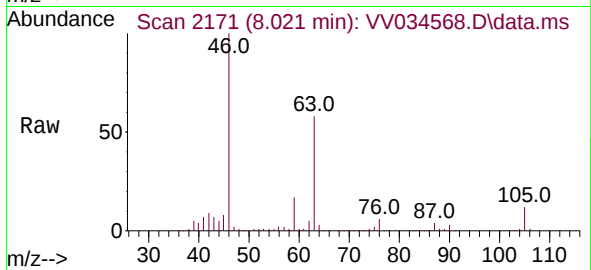




#48
2-Hexanone
Concen: 6.160 ug/L
RT: 8.021 min Scan# 2187
Delta R.T. -0.051 min
Lab File: VV034568.D
Acq: 13 Mar 2024 12:29

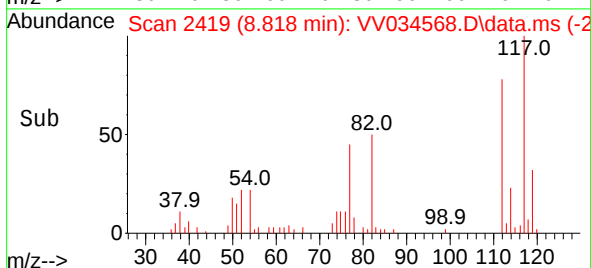
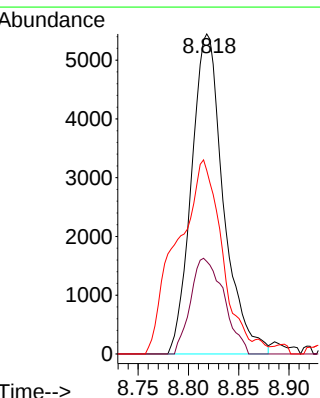
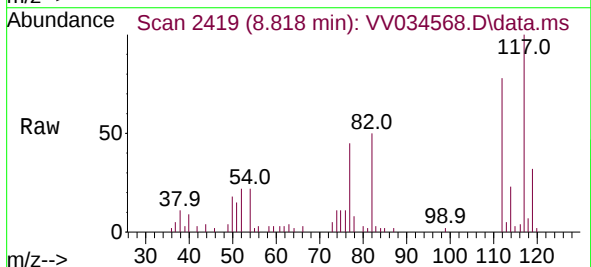
Instrument :
MSVOA_V
ClientSampleId :

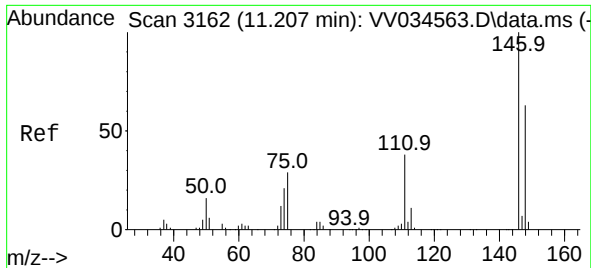
Tgt Ion: 43	Resp: 16065
Ion Ratio	Lower Upper
43	100
58	27.6 42.0 63.0#
57	25.4 15.2 22.8#
100	0.0 10.0 15.0#



#51
Chlorobenzene
Concen: 2.079 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV034568.D
Acq: 13 Mar 2024 12:29

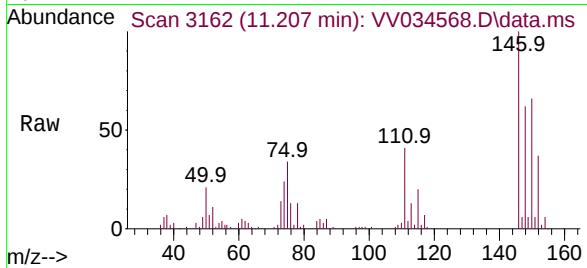
Tgt Ion: 112	Resp: 12058
Ion Ratio	Lower Upper
112	100
114	28.9 22.3 41.5
77	57.4 47.7 71.5



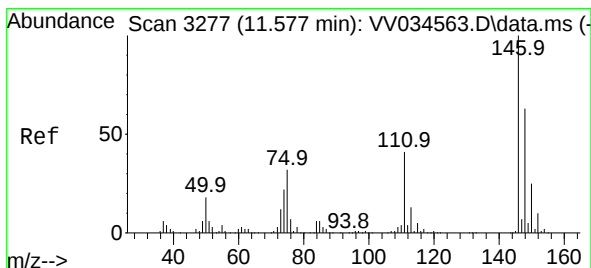
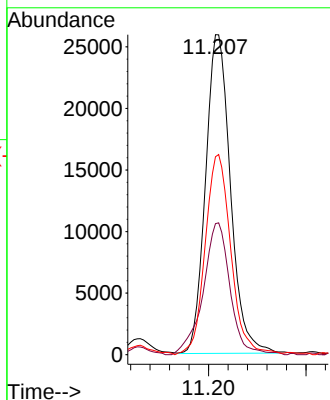
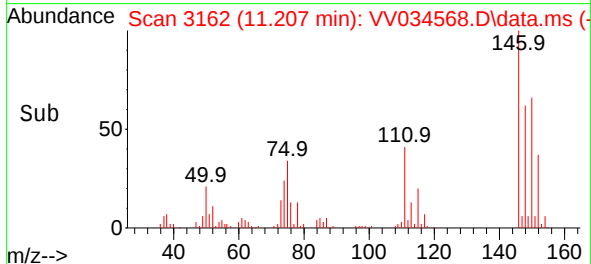


#65
1,4-Dichlorobenzene
Concen: 10.782 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034568.D
Acq: 13 Mar 2024 12:29

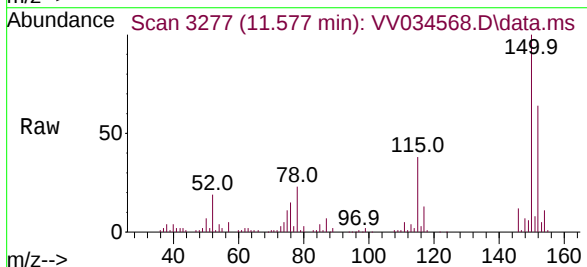
Instrument :
MSVOA_V
ClientSampleId :



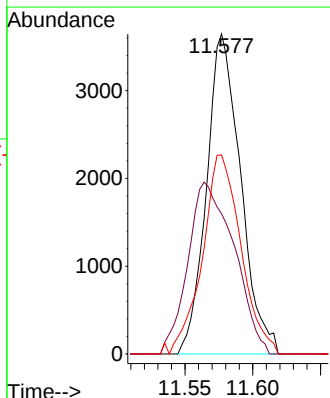
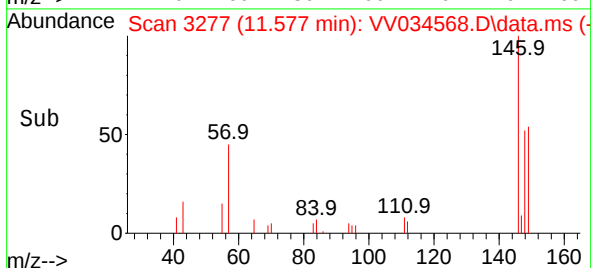
Tgt Ion:146 Resp: 46056
Ion Ratio Lower Upper
146 100
111 41.0 26.5 49.1
148 61.8 44.0 81.8

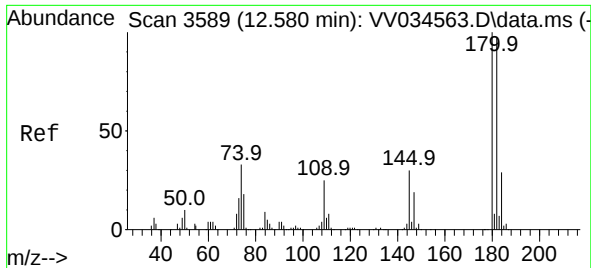


#67
1,2-Dichlorobenzene
Concen: 1.516 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV034568.D
Acq: 13 Mar 2024 12:29



Tgt Ion:146 Resp: 6388
Ion Ratio Lower Upper
146 100
111 43.8 33.8 50.8
148 62.2 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 3.173 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

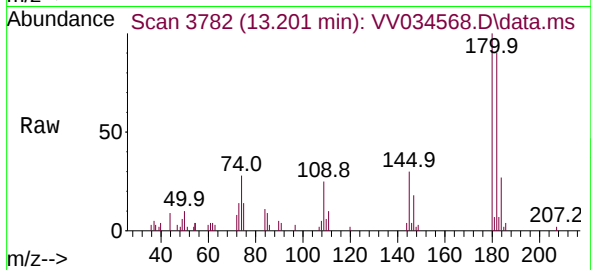
Lab File: VV034568.D

Acq: 13 Mar 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10014

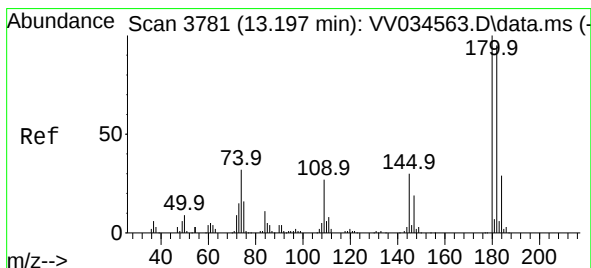
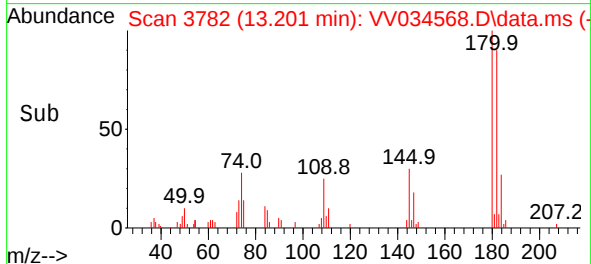
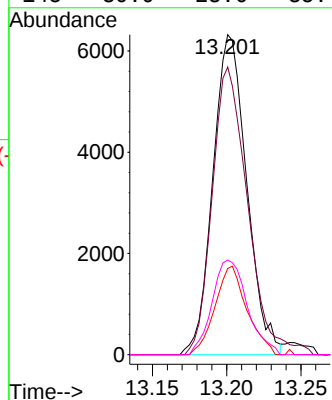
Ion Ratio Lower Upper

180 100

182 93.2 74.6 112.0

184 26.2 23.6 35.4

145 30.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 3.527 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034568.D

Acq: 13 Mar 2024 12:29

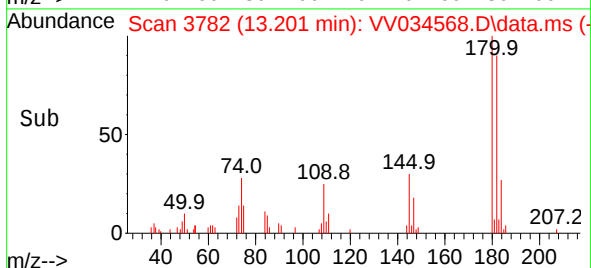
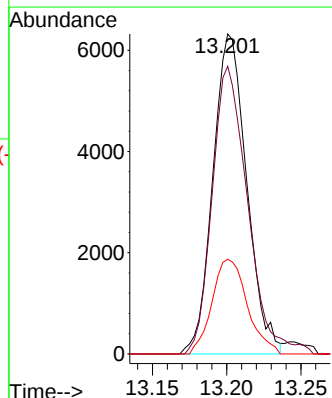
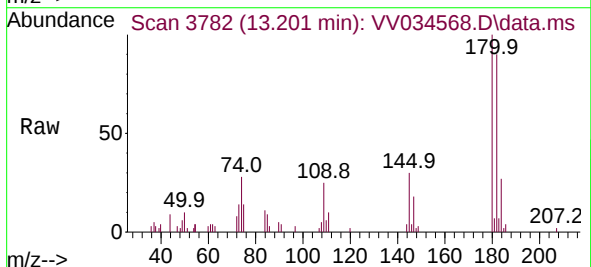
Tgt Ion:180 Resp: 10014

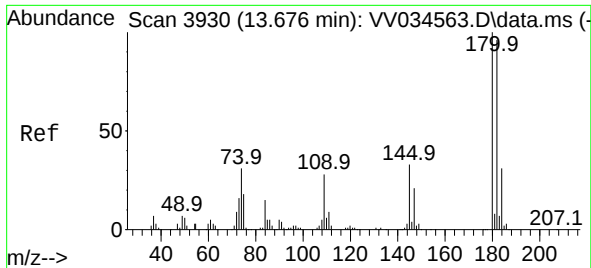
Ion Ratio Lower Upper

180 100

182 93.2 74.8 112.2

145 30.9 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 3.462 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

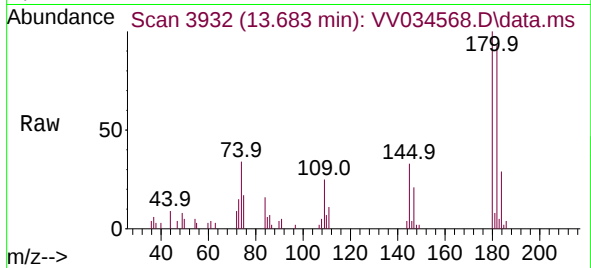
Lab File: VV034568.D

Acq: 13 Mar 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 9591

Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

145 33.7 25.5 38.3

