

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 :
 C0GE1

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)

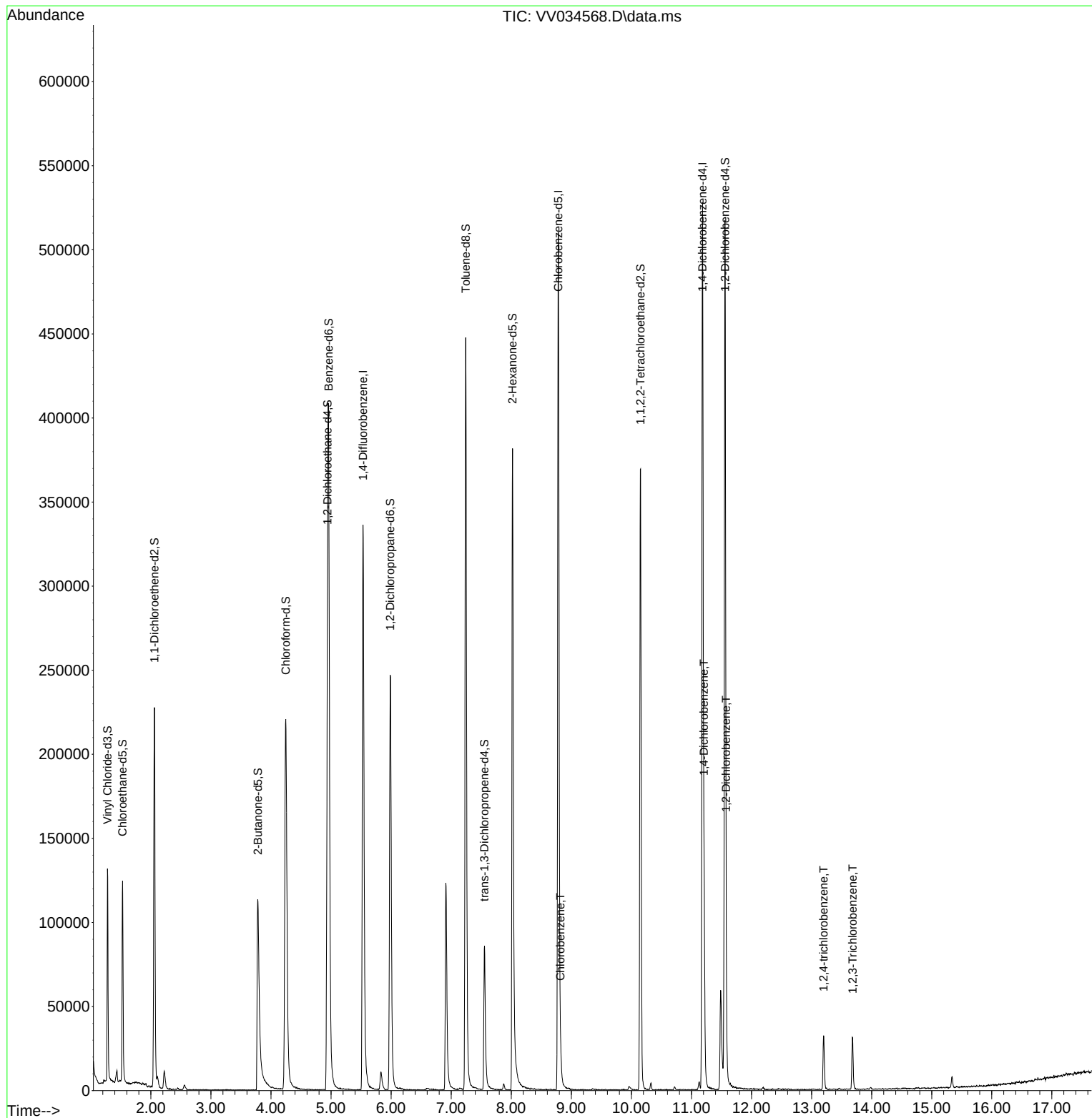
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	290273	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	273133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80559	32.014	ug/L	0.00
Spiked Amount	50.000	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	
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
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

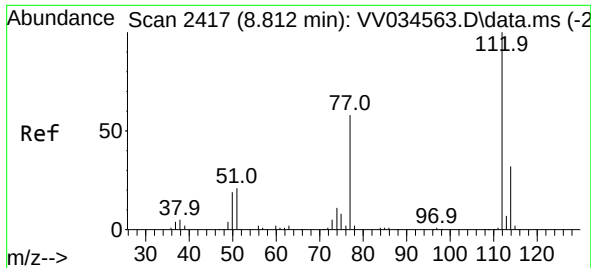
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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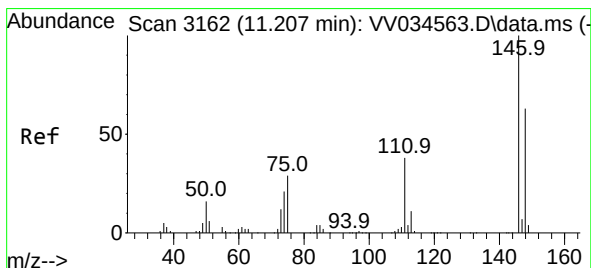
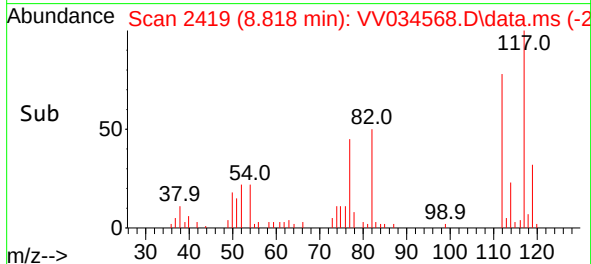
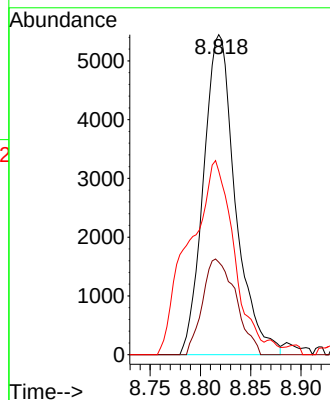
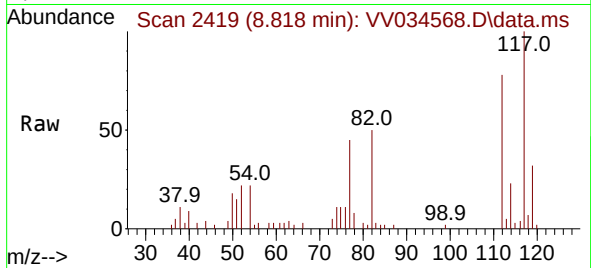




#51
Chlorobenzene
Concen: 2.079 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV034568.D
Acq: 13 Mar 2024 12:29

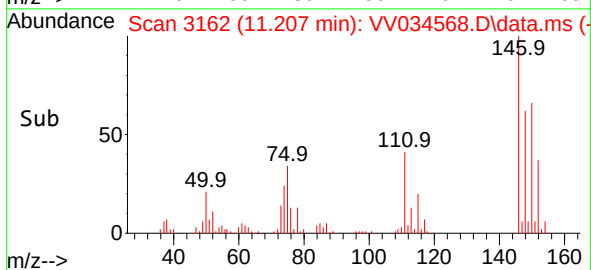
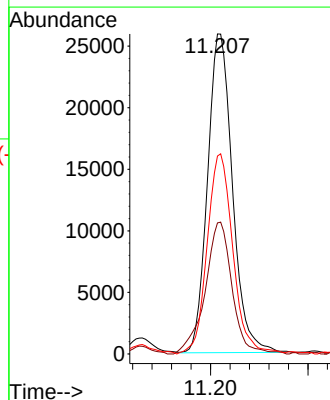
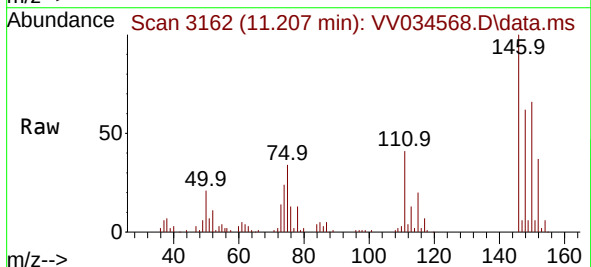
Instrument :
MSVOA_V
ClientSampleId :
C0GE1

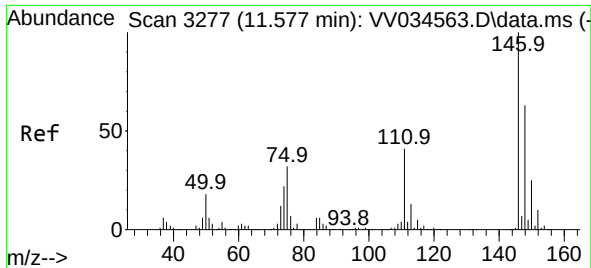
Tgt Ion:112 Resp: 12058
Ion Ratio Lower Upper
112 100
114 28.9 22.3 41.5
77 57.4 47.7 71.5



#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

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# 31

Delta R.T. 0.000 min

Lab File: VV034568.D

Acq: 13 Mar 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :

C0GE1

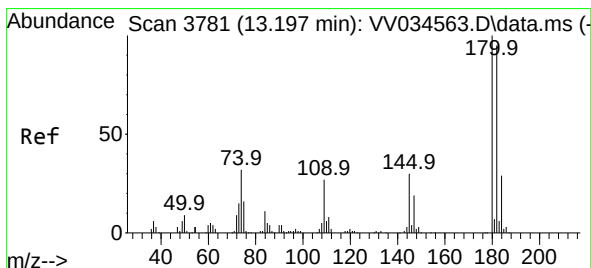
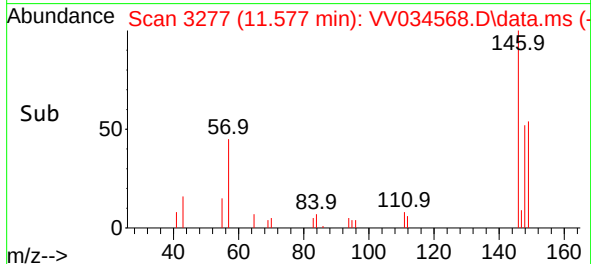
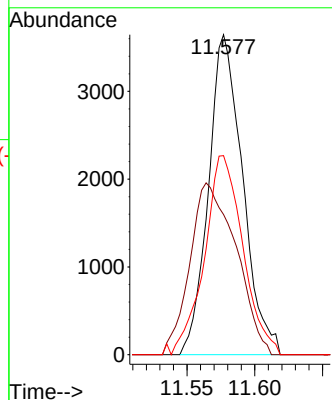
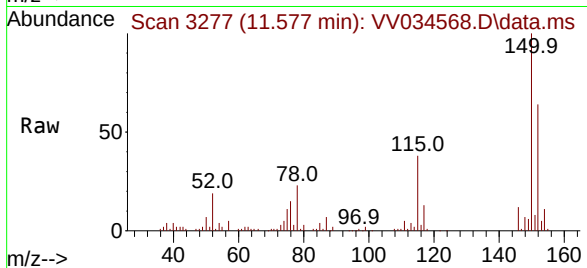
Tgt Ion:146 Resp: 6388

Ion Ratio Lower Upper

146 100

111 43.8 33.8 50.8

148 62.2 51.3 76.9



#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

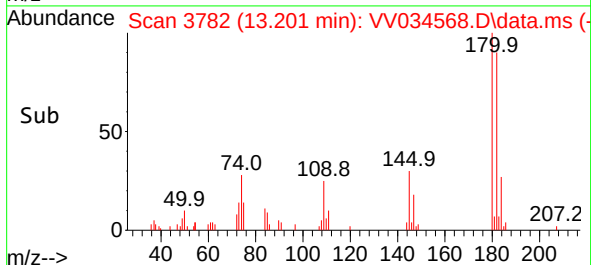
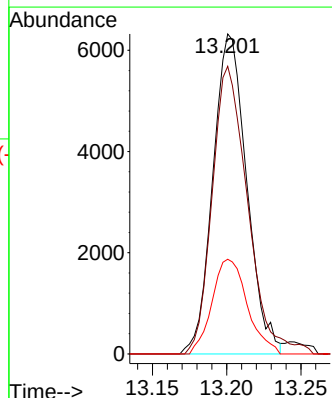
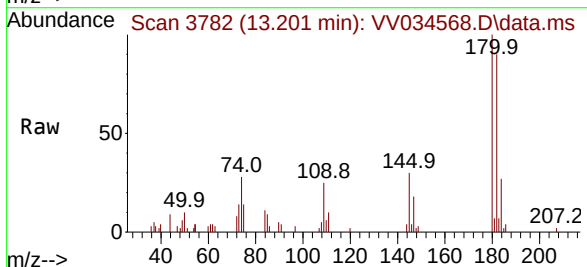
Tgt Ion:180 Resp: 10014

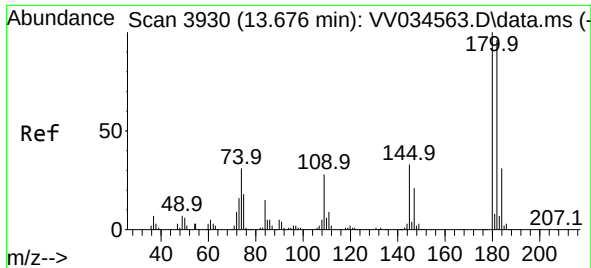
Ion Ratio Lower Upper

180 100

182 93.2 74.8 112.2

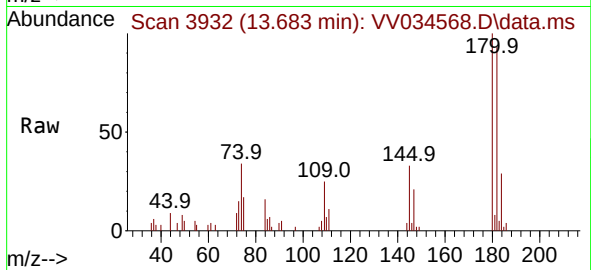
145 30.9 24.2 36.4





#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 :
 C0GE1



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

