

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035291.D
 Acq On : 18 Apr 2024 18:26
 Operator : SY/MD
 Sample : P2157-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RJ6

Quant Time: Apr 19 01:44:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

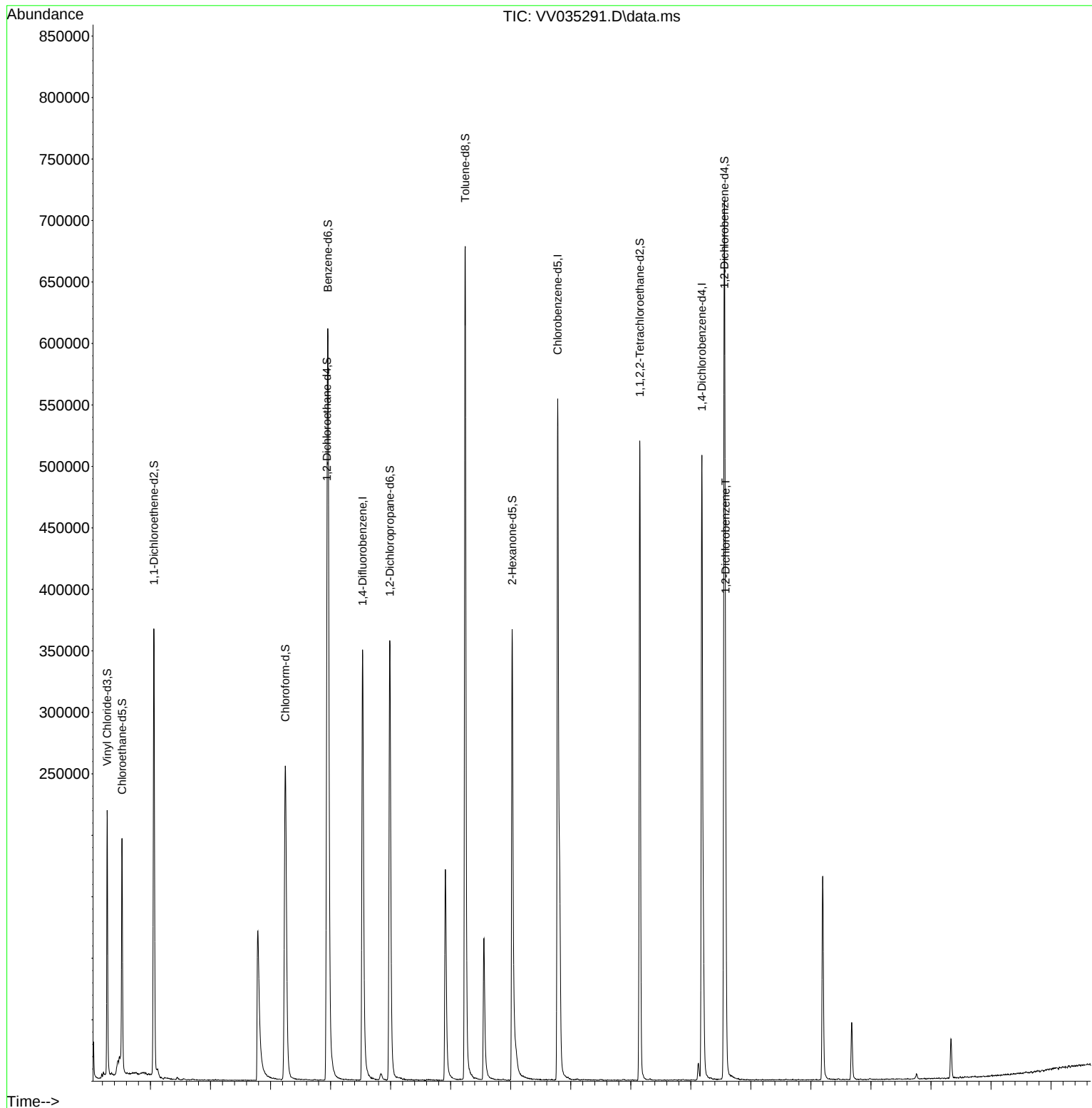
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	316346	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302786	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	133582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	142668	46.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.400%
7) Chloroethane-d5	1.526	69	124744	47.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.020%
11) 1,1-Dichloroethene-d2	2.056	65	63228	47.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.420%
21) 2-Butanone-d5	3.786	46	212855	117.474	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.470%
24) Chloroform-d	4.246	84	280553	54.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	4.940	65	178693	54.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.580%
32) Benzene-d6	4.956	84	555350	54.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	5.985	67	186232	57.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.320%
41) Toluene-d8	7.243	98	469828	51.293	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.580%
43) trans-1,3-Dichloroprop...	7.554	79	75106	47.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.660%
47) 2-Hexanone-d5	8.024	63	129419	105.986	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.990%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	256716	57.721	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.440%
66) 1,2-Dichlorobenzene-d4	11.557	152	171547	57.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						
51) Chlorobenzene	8.815	112	99279	14.819	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	6143	1.365	ug/L	90
65) 1,4-Dichlorobenzene	11.207	146	44966	9.825	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	98609	21.995	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	55050	18.477	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	15350	5.227	ug/L	97

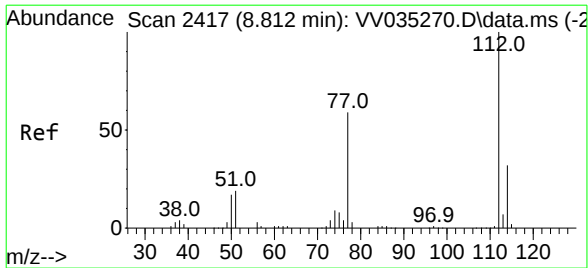
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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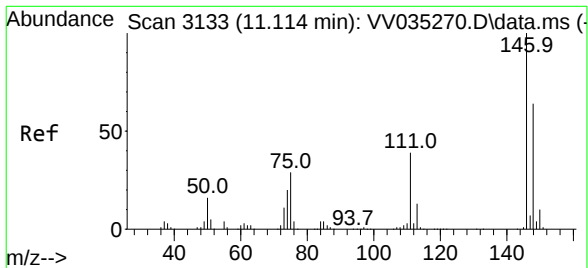
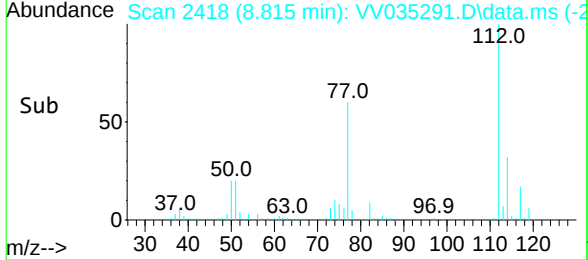
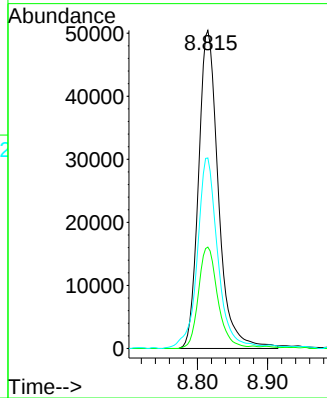
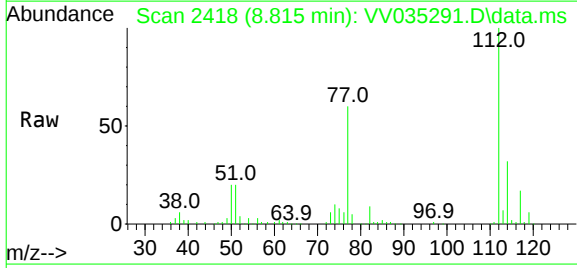




#51
Chlorobenzene
Concen: 14.819 ug/L
RT: 8.815 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

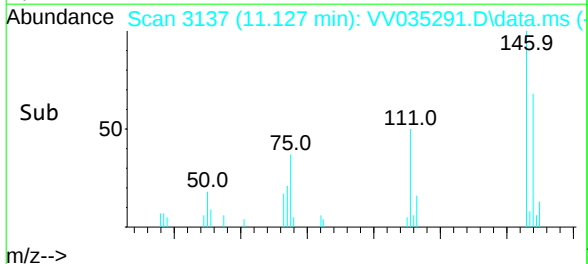
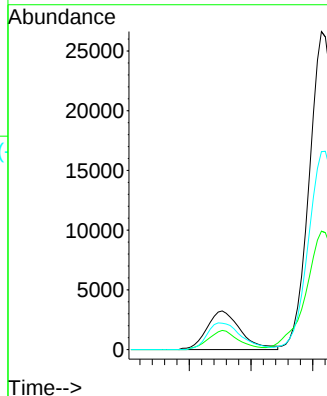
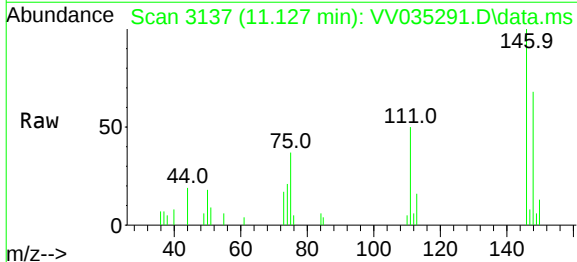
Instrument :
MSVOA_V
ClientSampleId :
C0RJ6

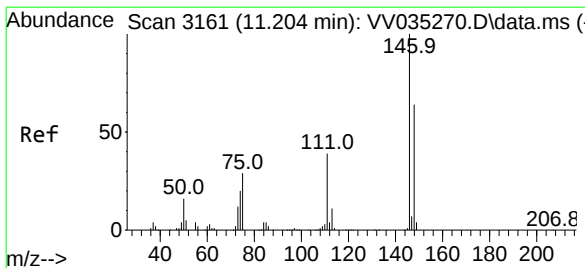
Tgt Ion:	112	Resp:	99279
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	59.9	47.4	71.2



#64
1,3-Dichlorobenzene
Concen: 1.365 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV035291.D
Acq: 18 Apr 2024 18:26

Tgt Ion:	146	Resp:	6143
Ion	Ratio	Lower	Upper
146	100		
111	49.6	28.7	53.3
148	68.2	44.0	81.8





#65

1,4-Dichlorobenzene

Concen: 9.825 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035291.D

Acq: 18 Apr 2024 18:26

Instrument :

MSVOA_V

ClientSampleId :

C0RJ6

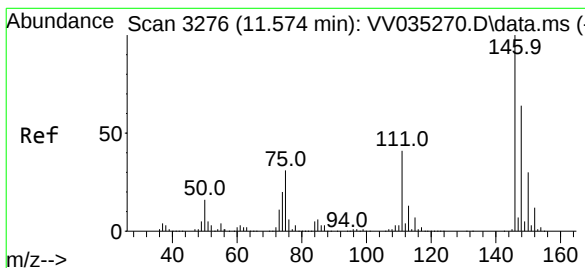
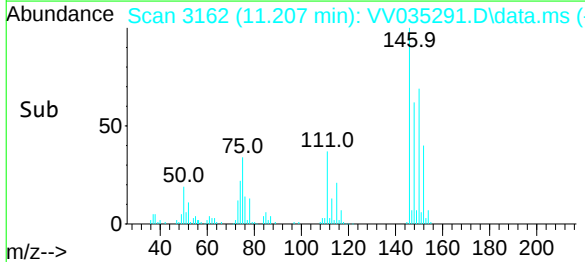
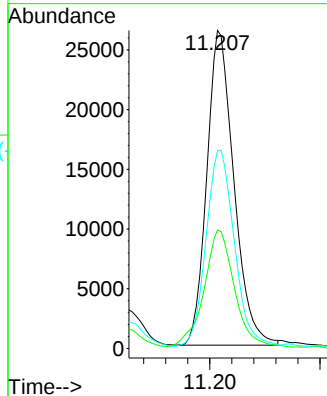
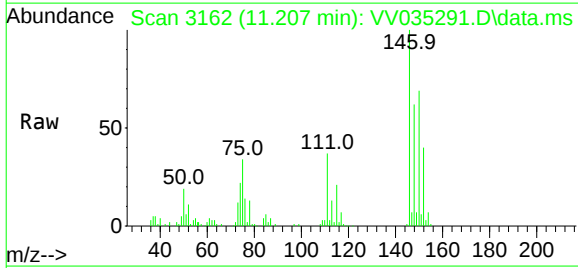
Tgt Ion:146 Resp: 44966

Ion Ratio Lower Upper

146 100

111 37.2 27.4 50.8

148 62.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 21.995 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035291.D

Acq: 18 Apr 2024 18:26

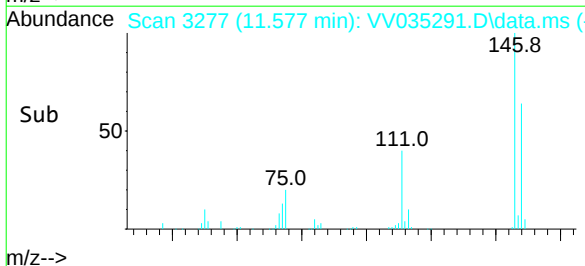
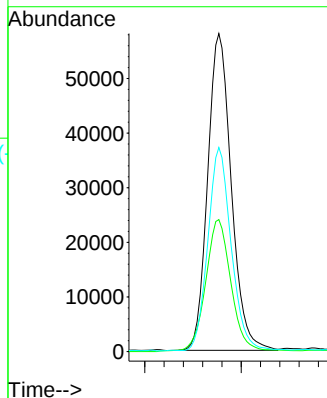
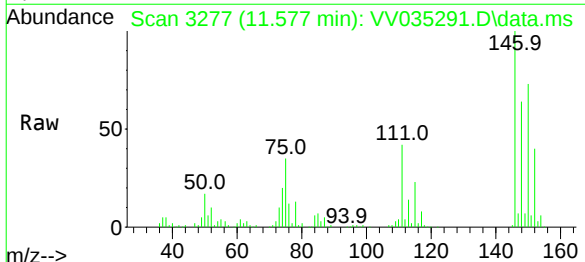
Tgt Ion:146 Resp: 98609

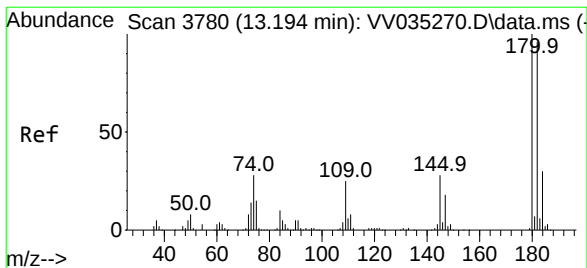
Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 64.2 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 18.477 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV035291.D

Acq: 18 Apr 2024 18:26

Instrument :

MSVOA_V

ClientSampleId :

C0RJ6

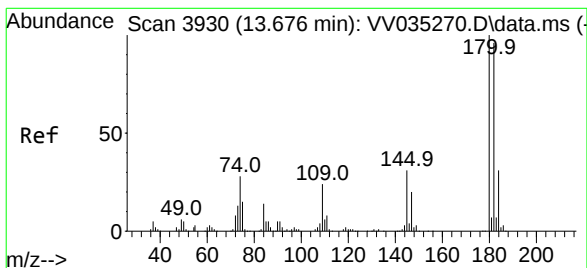
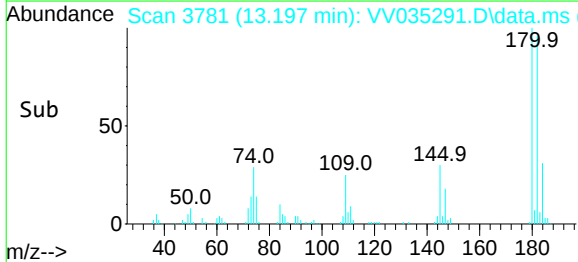
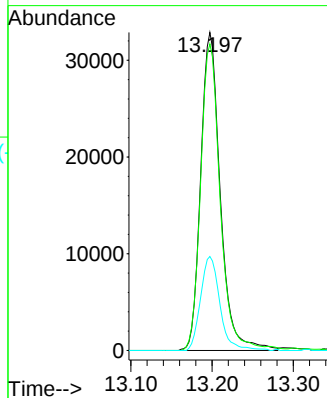
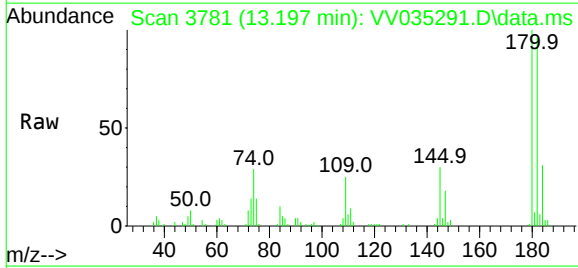
Tgt Ion:180 Resp: 55050

Ion Ratio Lower Upper

180 100

182 96.1 75.6 113.4

145 28.6 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 5.227 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035291.D

Acq: 18 Apr 2024 18:26

Tgt Ion:180 Resp: 15350

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

145 28.5 25.8 38.6

