

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053565.D
 Acq On : 04 Apr 2023 16:44
 Operator : JC/MD
 Sample : 02158-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 23:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

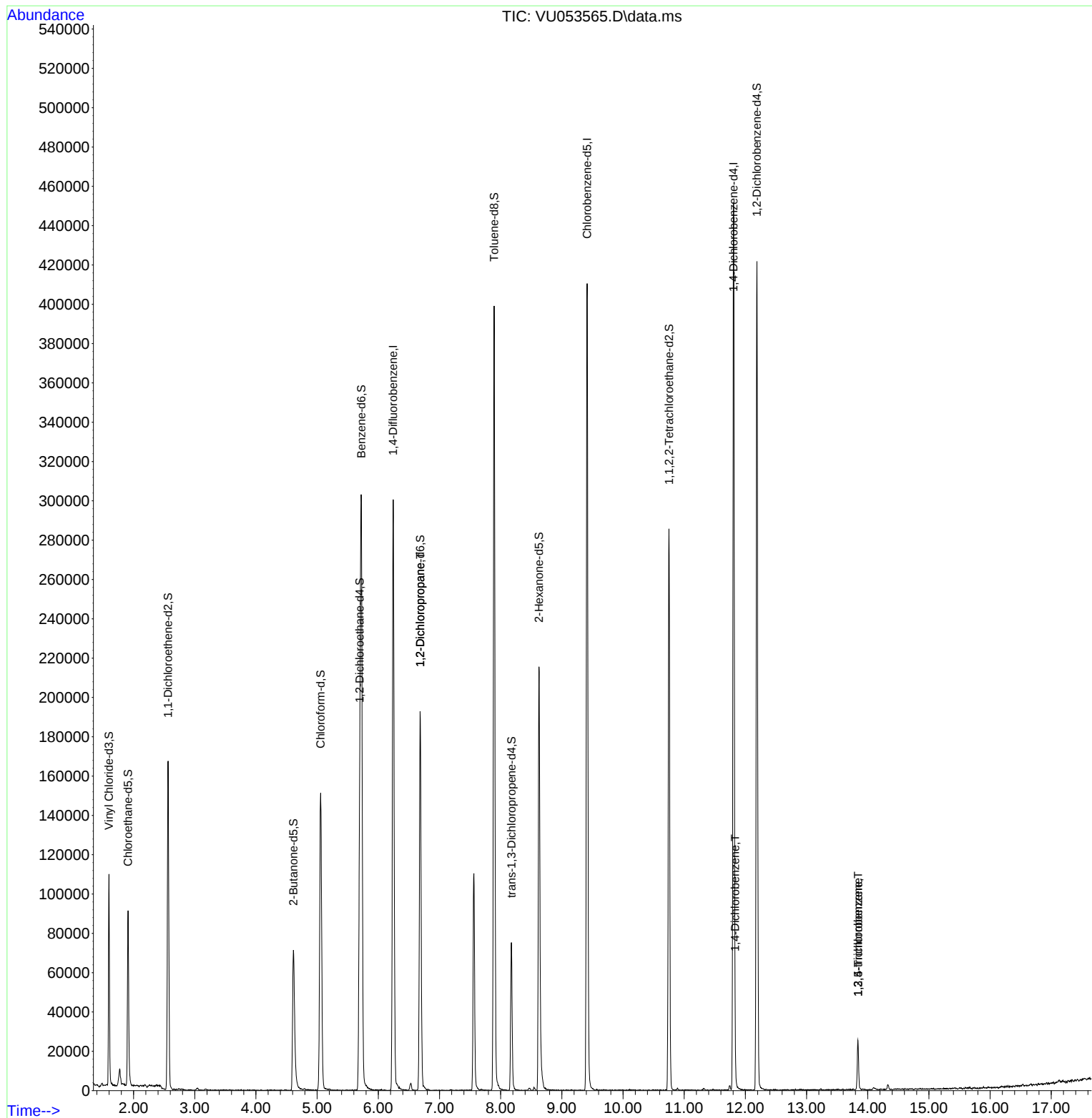
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	255777	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	122247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74505	37.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.820%
7) Chloroethane-d5	1.909	69	68432	44.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	2.562	63	94745	30.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.460%
21) 2-Butanone-d5	4.613	46	102052	113.174	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.170%
24) Chloroform-d	5.057	84	145470	44.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	5.697	65	95405	49.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	5.722	84	295771	45.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	6.684	67	94462	47.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.020%
41) Toluene-d8	7.893	98	275100	42.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.100%
43) trans-1,3-Dichloroprop...	8.176	79	44206	43.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.140%
47) 2-Hexanone-d5	8.626	63	76854	113.252	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.250%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	136136	48.576	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	12.188	152	112797	44.204	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
37) 1,2-Dichloropropane	6.684	63	9719	6.096	ug/L	# 86
65) 1,4-Dichlorobenzene	11.832	146	3616	0.939	ug/L	95
69) 1,3,5-Trichlorobenzene	13.841	180	8598	3.074	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	8598	3.316	ug/L	97

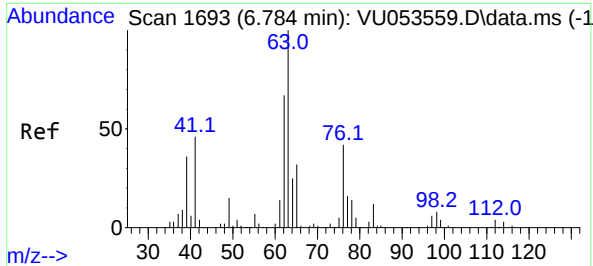
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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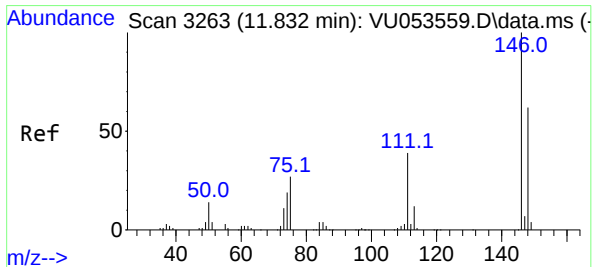
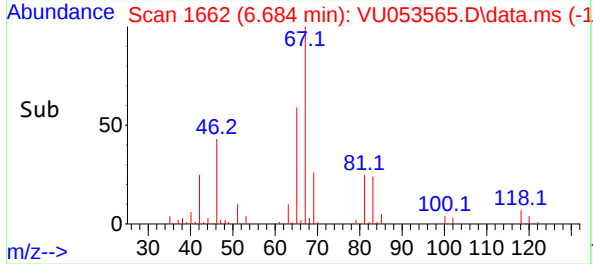
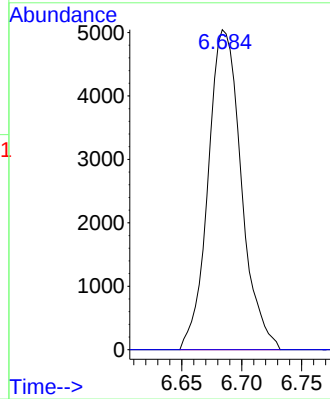
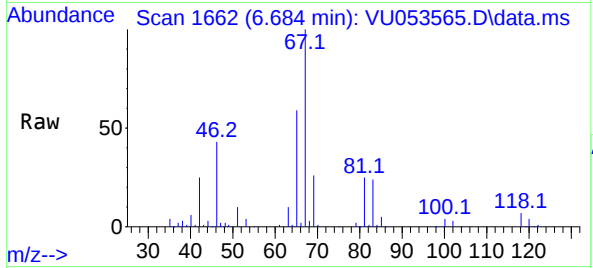




#37
 1,2-Dichloropropane
 Concen: 6.096 ug/L
 RT: 6.684 min Scan# 1
 Delta R.T. -0.100 min
 Lab File: VU053565.D
 Acq: 04 Apr 2023 16:44

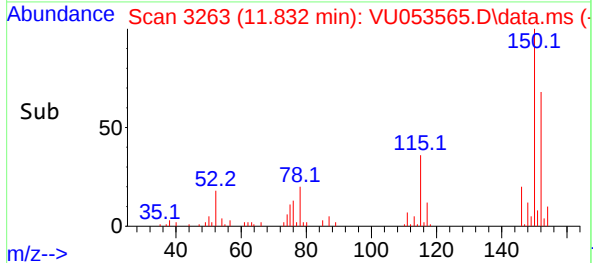
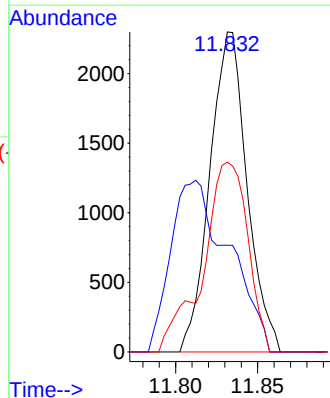
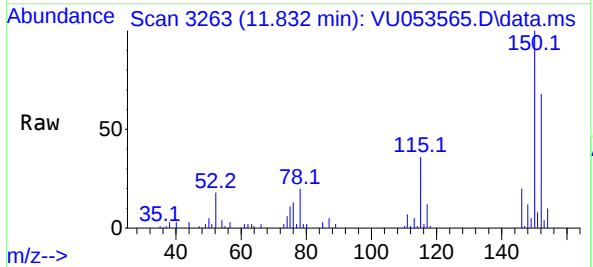
Instrument :
 MSVOA_U
 ClientSampleId :

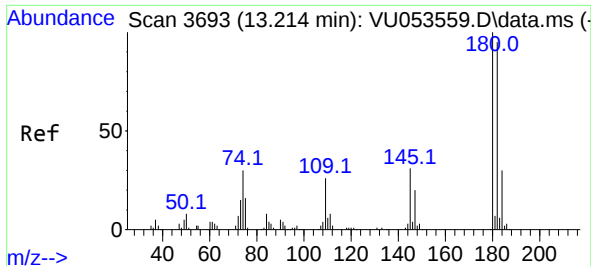
Tgt Ion: 63 Resp: 9719
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#65
 1,4-Dichlorobenzene
 Concen: 0.939 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. -0.000 min
 Lab File: VU053565.D
 Acq: 04 Apr 2023 16:44

Tgt Ion: 146 Resp: 3616
 Ion Ratio Lower Upper
 146 100
 111 33.4 25.1 46.5
 148 59.3 44.3 82.3





#69

1,3,5-Trichlorobenzene

Concen: 3.074 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.627 min

Lab File: VU053565.D

Acq: 04 Apr 2023 16:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 8598

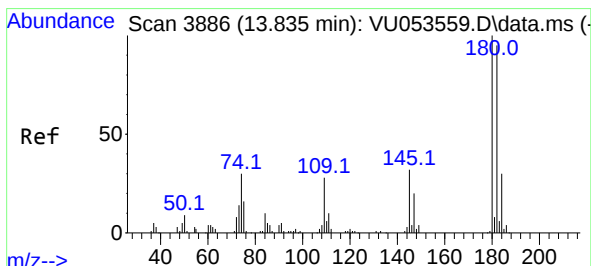
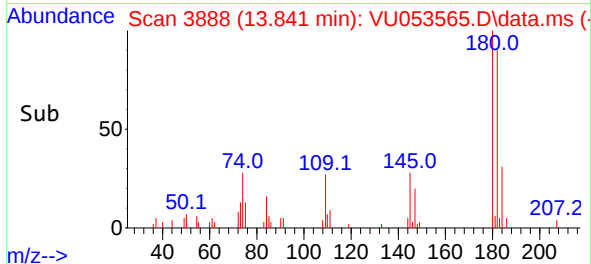
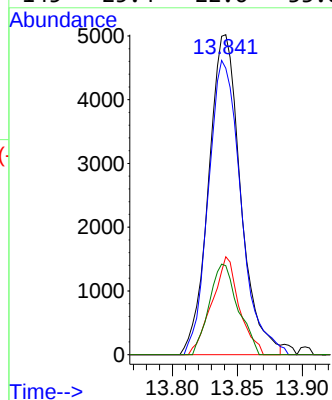
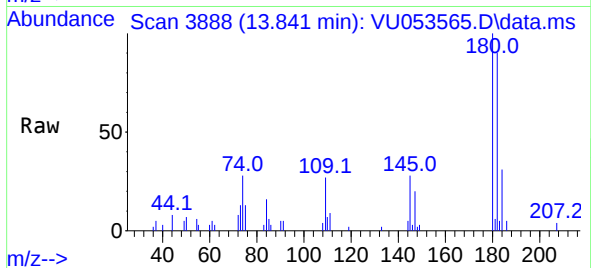
Ion Ratio Lower Upper

180 100

182 93.3 75.6 113.4

184 26.0 24.2 36.2

145 25.4 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 3.316 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU053565.D

Acq: 04 Apr 2023 16:44

Tgt Ion:180 Resp: 8598

Ion Ratio Lower Upper

180 100

182 93.3 75.8 113.8

145 25.4 23.4 35.2

