

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040124\
 Data File : VV034915.D
 Acq On : 01 Apr 2024 10:48
 Operator : SY/MD
 Sample : P1934-02DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0R36DL

Quant Time: Apr 02 02:09:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 02:07:06 2024
 Response via : Initial Calibration

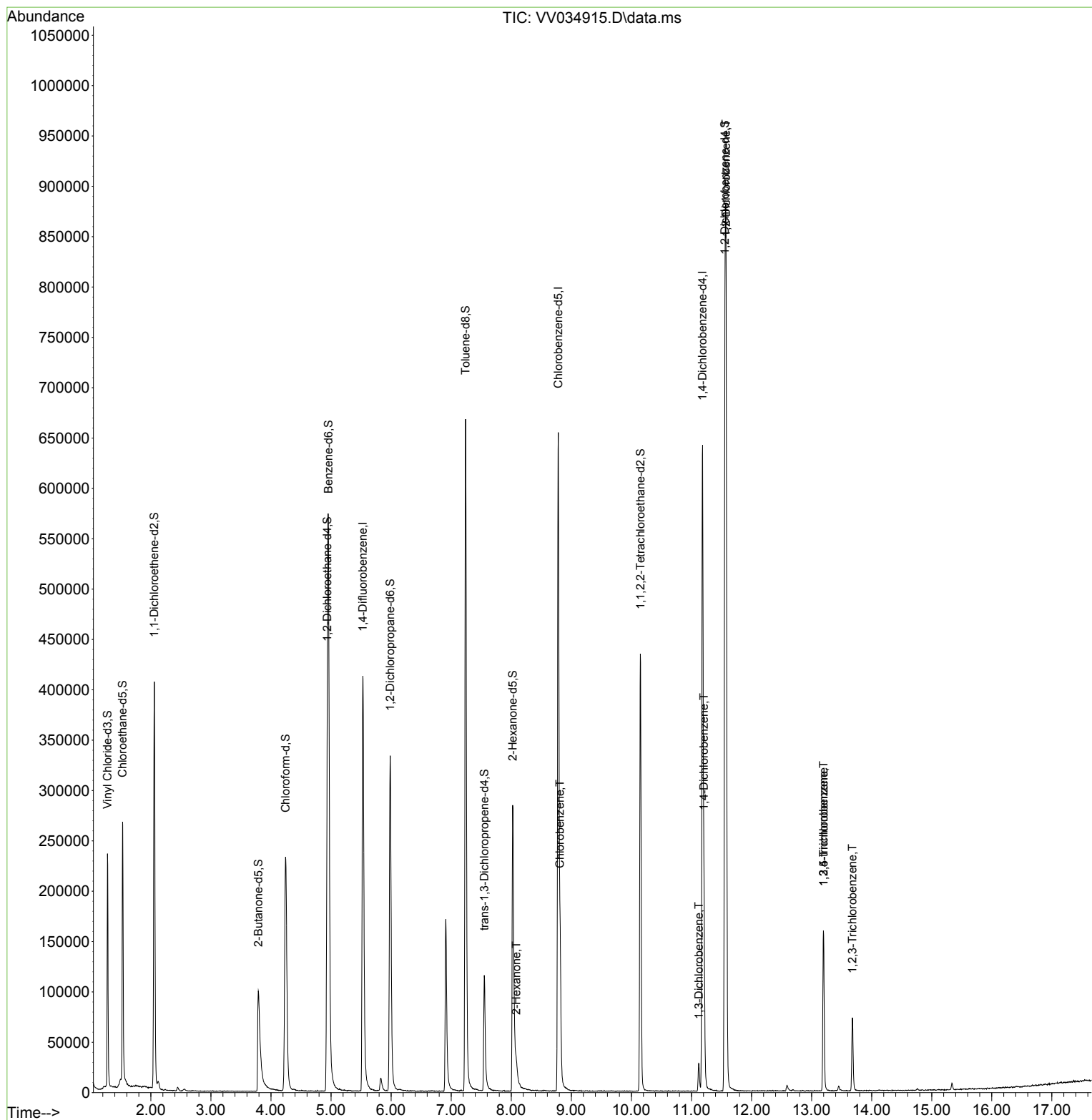
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	359232	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	344726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	156844	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149919	43.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.529	69	156004	51.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.540%
11) 1,1-Dichloroethene-d2	2.057	65	68599	45.108	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.220%
21) 2-Butanone-d5	3.790	46	164369	79.885	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.890%
24) Chloroform-d	4.243	84	254841	43.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.380%
26) 1,2-Dichloroethane-d4	4.937	65	163962	44.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
32) Benzene-d6	4.957	84	518640	44.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
36) 1,2-Dichloropropane-d6	5.986	67	169372	46.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	7.240	98	442119	42.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.551	79	71264	39.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.740%
47) 2-Hexanone-d5	8.024	63	102847	73.978	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	213958	42.254	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	162501	46.145	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.300%
Target Compounds						
48) 2-Hexanone	8.085	43	15196	4.505	ug/L	# 73
51) Chlorobenzene	8.812	112	83331	10.925	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	10800	2.044	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	73138	13.611	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	269334	51.167	ug/L	99
69) 1,3,5-Trichlorobenzene	13.198	180	49267	12.937	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	49267	14.084	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	21967	6.371	ug/L	98

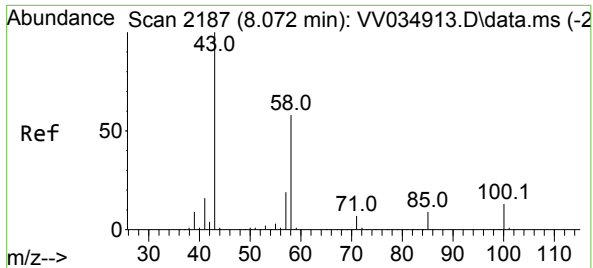
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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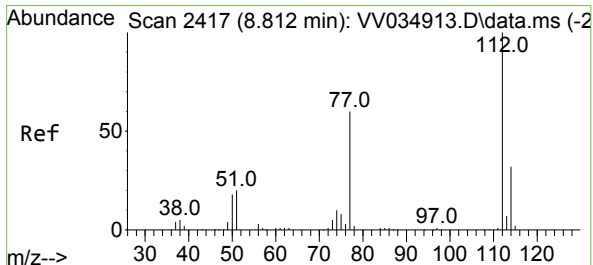
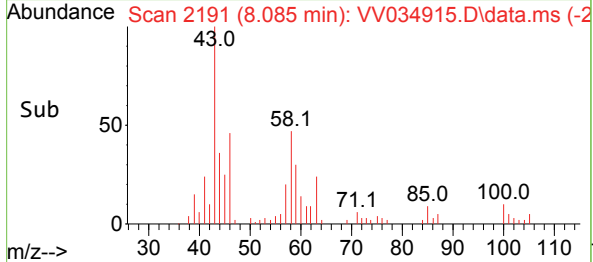
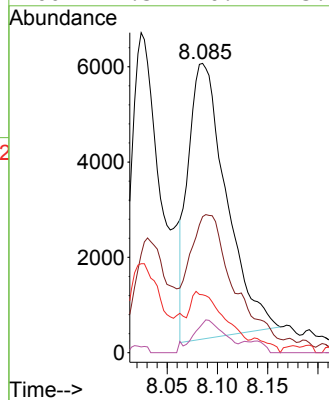
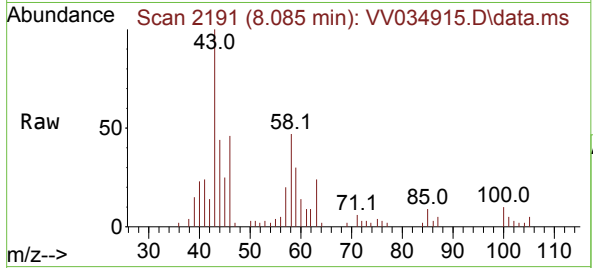




#48
2-Hexanone
Concen: 4.505 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034915.D
Acq: 01 Apr 2024 10:48

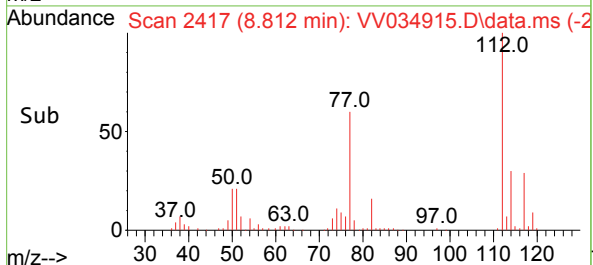
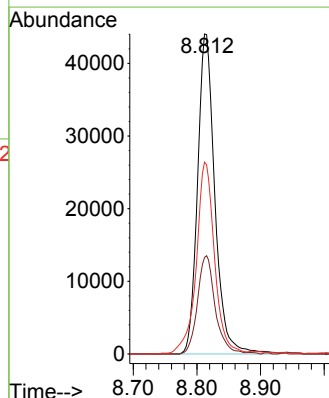
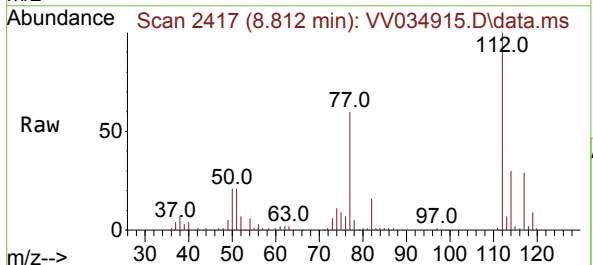
Instrument :
MSVOA_V
ClientSampleId :
C0R36DL

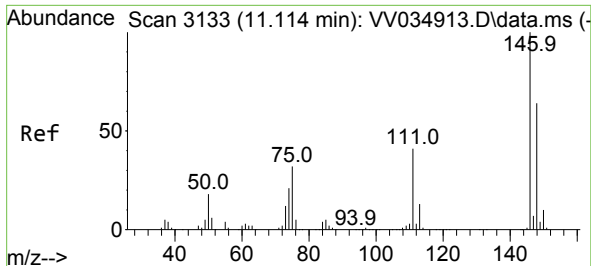
Tgt Ion:	43	Resp:	15196
Ion	Ratio	Lower	Upper
43	100		
58	27.9	45.4	68.2#
57	20.1	16.2	24.4
100	7.5	10.1	15.1#



#51
Chlorobenzene
Concen: 10.925 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034915.D
Acq: 01 Apr 2024 10:48

Tgt Ion:	112	Resp:	83331
Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.0	41.0
77	59.9	47.4	71.2

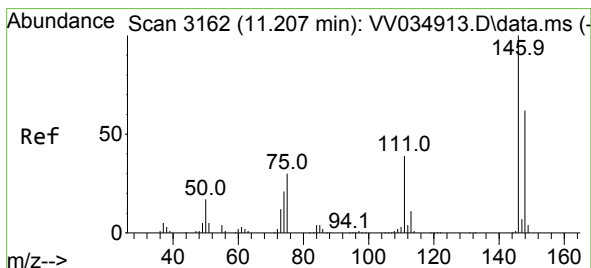
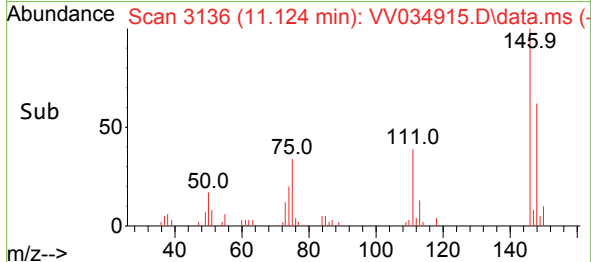
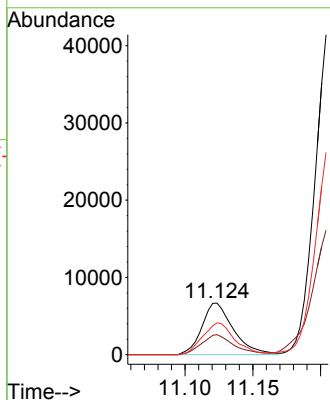
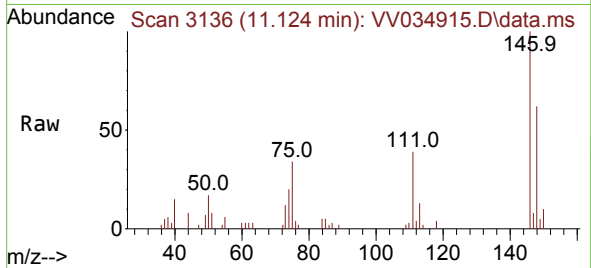




#64
1,3-Dichlorobenzene
Concen: 2.044 ug/L
RT: 11.124 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV034915.D
Acq: 01 Apr 2024 10:48

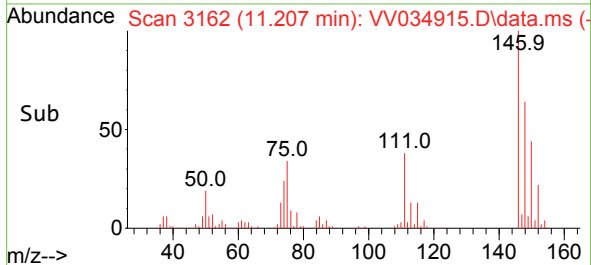
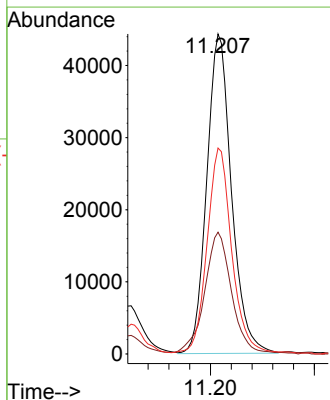
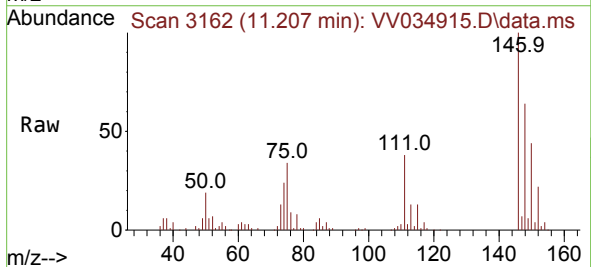
Instrument :
MSVOA_V
ClientSampleId :
C0R36DL

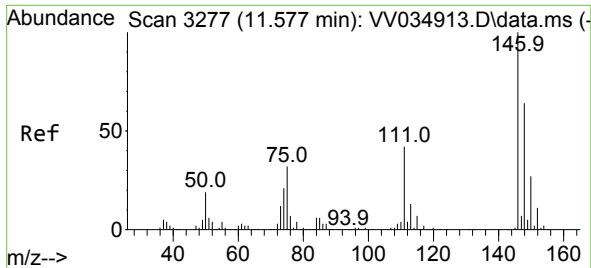
Tgt Ion:146 Resp: 10800
Ion Ratio Lower Upper
146 100
111 38.7 28.7 53.3
148 61.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 13.611 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034915.D
Acq: 01 Apr 2024 10:48

Tgt Ion:146 Resp: 73138
Ion Ratio Lower Upper
146 100
111 38.1 27.4 50.8
148 64.4 44.2 82.2

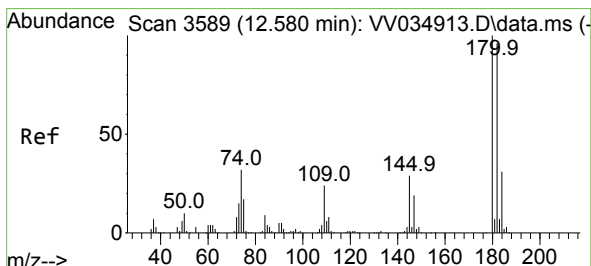
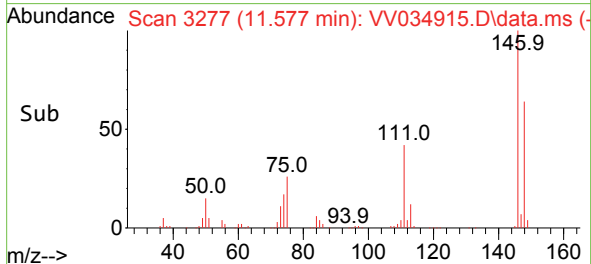
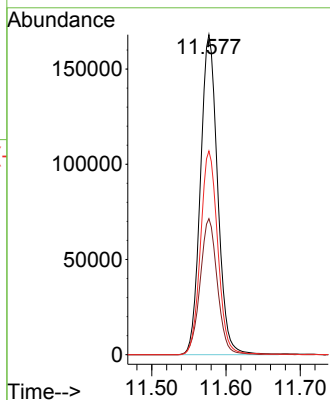
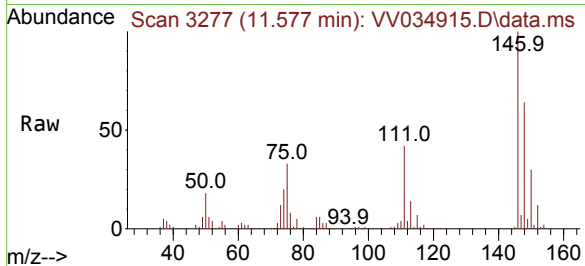




#67
1,2-Dichlorobenzene
Concen: 51.167 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034915.D
Acq: 01 Apr 2024 10:48

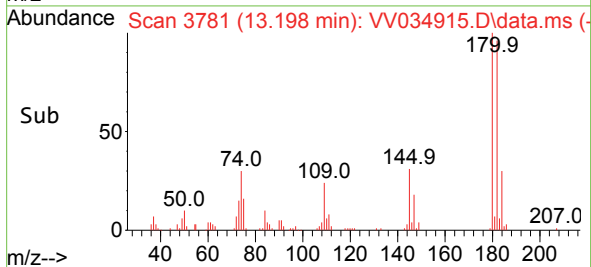
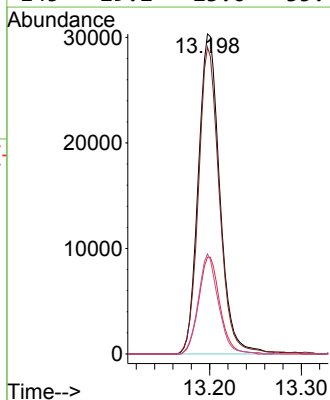
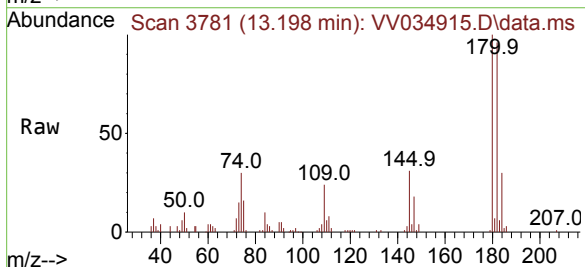
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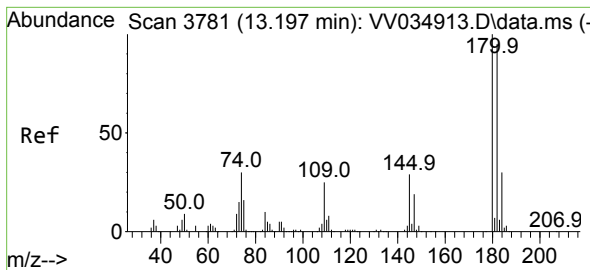
Tgt Ion:146 Resp: 269334
Ion Ratio Lower Upper
146 100
111 42.5 34.6 52.0
148 63.7 51.5 77.3



#69
1,3,5-Trichlorobenzene
Concen: 12.937 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.617 min
Lab File: VV034915.D
Acq: 01 Apr 2024 10:48

Tgt Ion:180 Resp: 49267
Ion Ratio Lower Upper
180 100
182 93.0 74.7 112.1
184 29.9 24.0 36.0
145 29.2 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 14.084 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034915.D

Acq: 01 Apr 2024 10:48

Instrument :

MSVOA_V

ClientSampleId :

C0R36DL

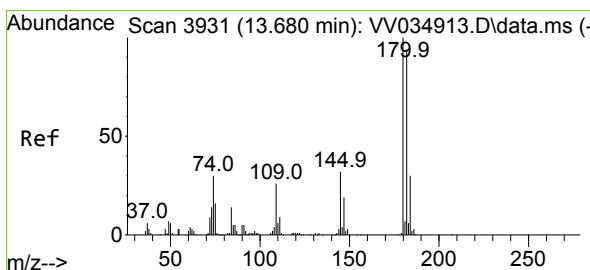
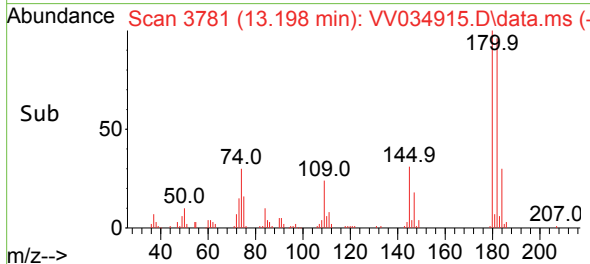
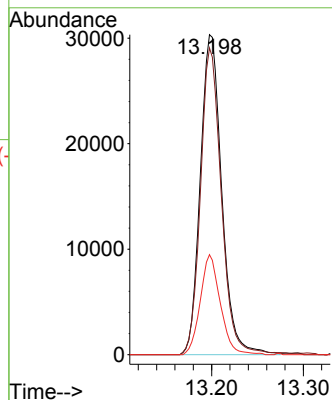
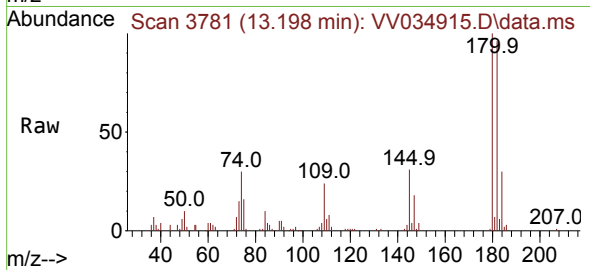
Tgt Ion:180 Resp: 49267

Ion Ratio Lower Upper

180 100

182 93.0 75.6 113.4

145 29.2 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 6.371 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034915.D

Acq: 01 Apr 2024 10:48

Tgt Ion:180 Resp: 21967

Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.2

145 30.3 25.8 38.6

