

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
 Data File : VV021126.D
 Acq On : 23 Apr 2021 17:50
 Operator : SY/MD
 Sample : M2144-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:46:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

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

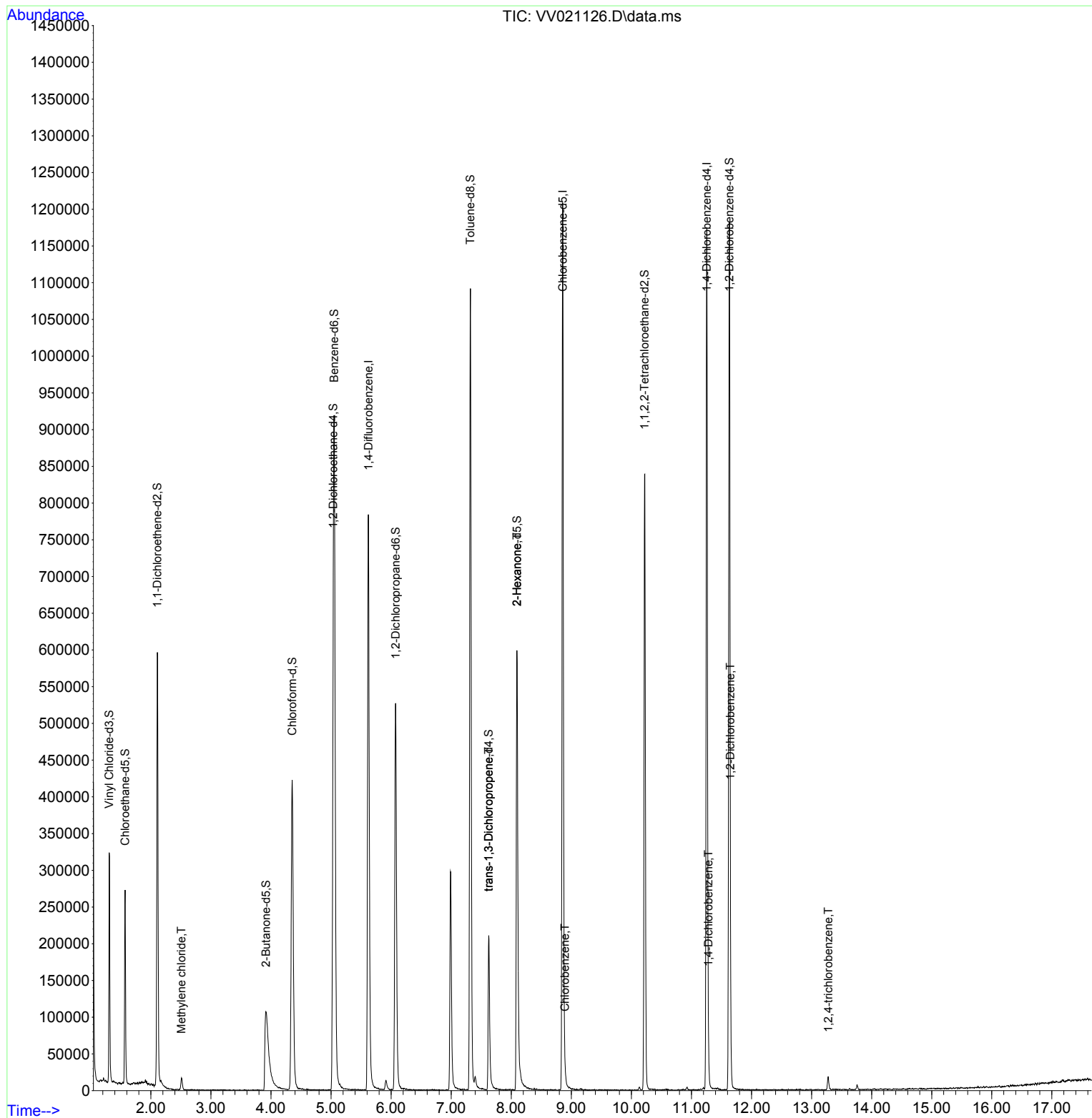
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	677713	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	660418	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	310420	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	196306	35.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.50%		
7) Chloroethane-d5	1.571	69	162155	39.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.16%		
11) 1,1-Dichloroethene-d2	2.108	63	310343	30.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.42%		
21) 2-Butanone-d5	3.915	46	298157	109.64	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.64%		
24) Chloroform-d	4.352	84	433381	43.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.30%		
26) 1,2-Dichloroethane-d4	5.037	65	297966	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.42%		
32) Benzene-d6	5.053	84	780231	44.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.72%		
36) 1,2-Dichloropropane-d6	6.075	67	244259	46.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.06%		
41) Toluene-d8	7.320	98	723809	42.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.04%		
43) trans-1,3-Dichloroprop...	7.625	79	129428	45.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.22%		
47) 2-Hexanone-d5	8.095	63	231236	111.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.05%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	366500	46.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.56%		
66) 1,2-Dichlorobenzene-d4	11.631	152	303544	49.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.00%		
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	7237	1.43	ug/L	89
44) trans-1,3-Dichloropropene	7.625	75	5366	0.70	ug/L #	66
48) 2-Hexanone	8.095	43	23018	5.35	ug/L #	72
51) Chlorobenzene	8.892	112	9305	0.67	ug/L	96
65) 1,4-Dichlorobenzene	11.281	146	11302	1.19	ug/L	94
67) 1,2-Dichlorobenzene	11.648	146	13796	1.45	ug/L #	83
70) 1,2,4-trichlorobenzene	13.278	180	6053	1.03	ug/L #	89

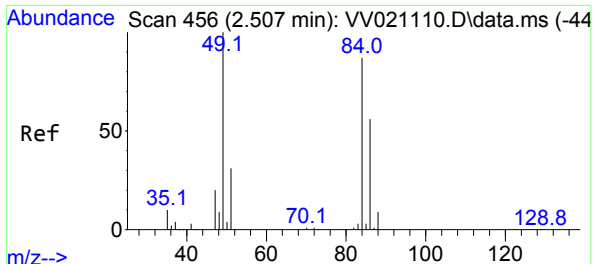
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration

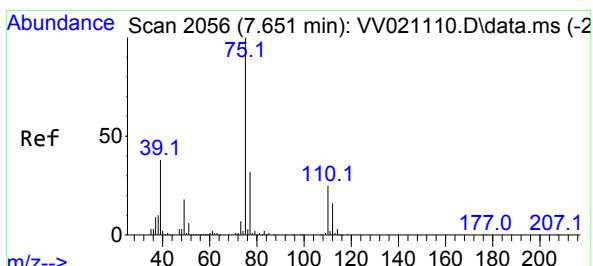
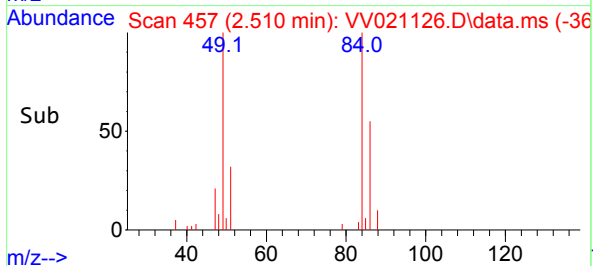
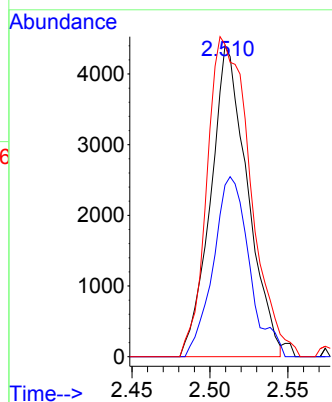
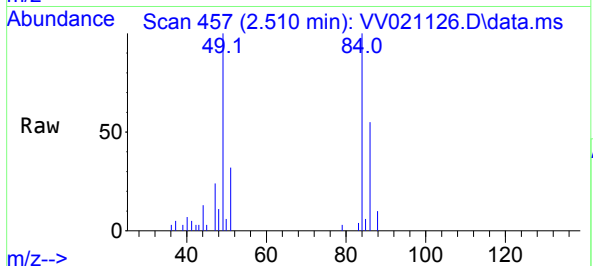




#16
Methylene chloride
Concen: 1.43 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021126.D
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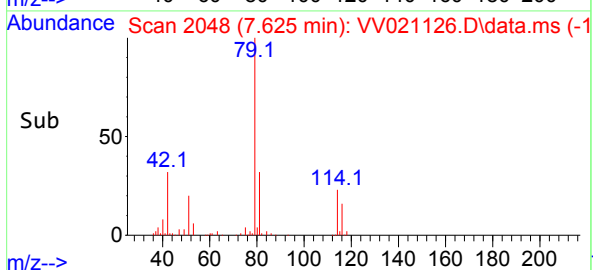
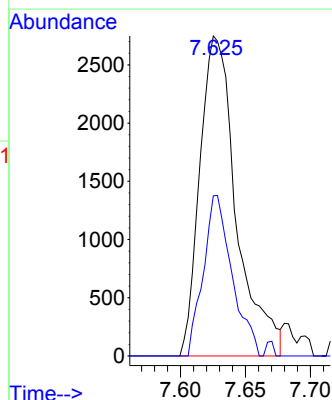
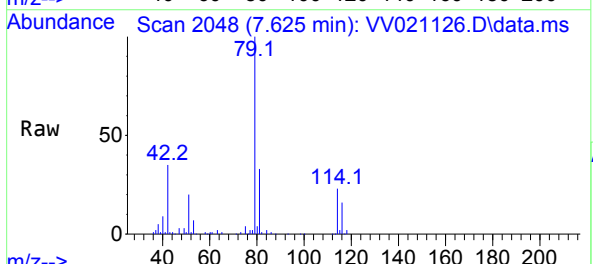
Instrument :
MSVOA_V
ClientSampled :

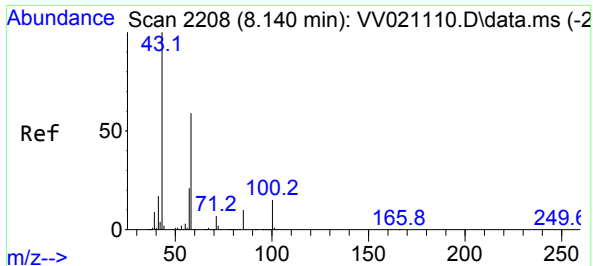
Tgt Ion: 84 Resp: 7237
Ion Ratio Lower Upper
84 100
86 55.2 44.9 83.5
49 100.5 78.1 145.1



#44
trans-1,3-Dichloropropene
Concen: 0.70 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021126.D
Acq: 23 Apr 2021 17:50

Tgt Ion: 75 Resp: 5366
Ion Ratio Lower Upper
75 100
77 50.1 21.8 40.6#



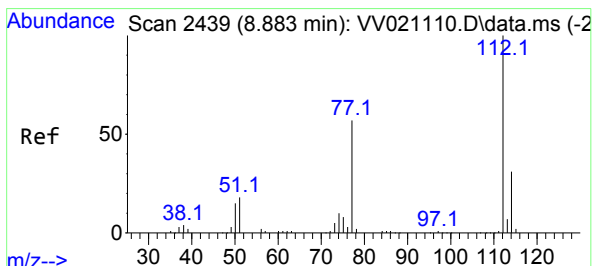
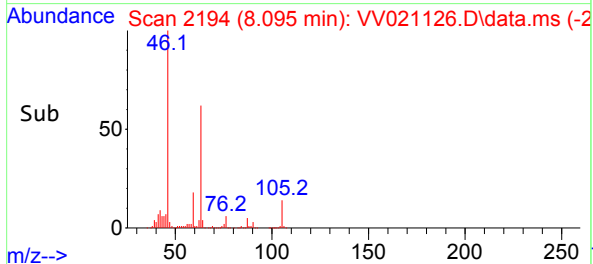
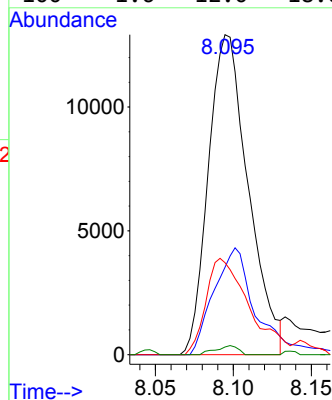
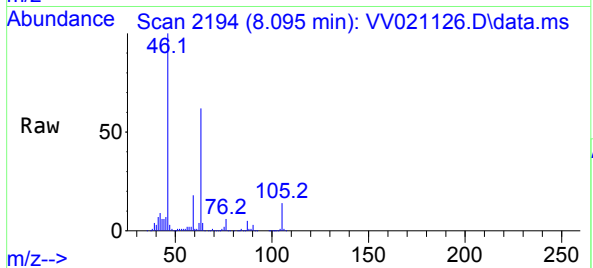


#48
2-Hexanone
Concen: 5.35 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV021126.D
Acq: 23 Apr 2021 17:50

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 23018

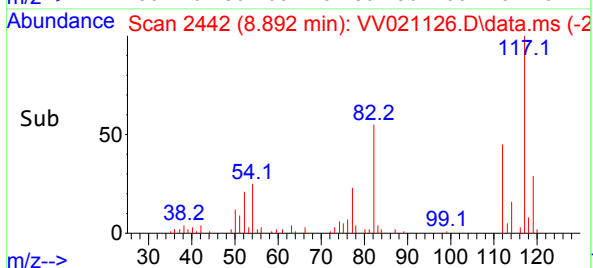
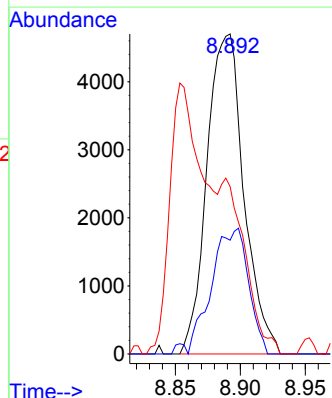
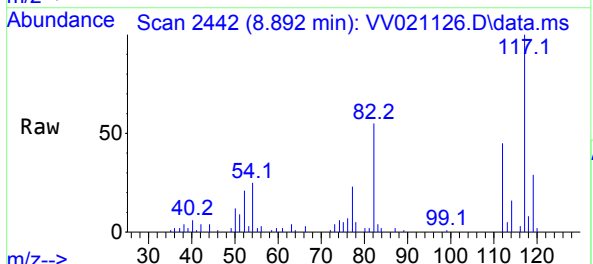
Ion	Ratio	Lower	Upper
43	100		
58	35.4	46.8	70.2#
57	29.4	17.6	26.4#
100	1.6	12.0	18.0#

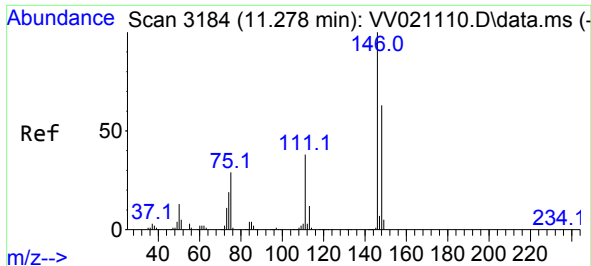


#51
Chlorobenzene
Concen: 0.67 ug/L
RT: 8.892 min Scan# 2442
Delta R.T. 0.009 min
Lab File: VV021126.D
Acq: 23 Apr 2021 17:50

Tgt Ion: 112 Resp: 9305

Ion	Ratio	Lower	Upper
112	100		
114	35.5	22.8	42.4
77	52.3	44.2	66.2

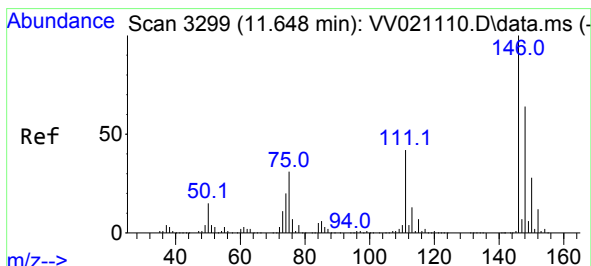
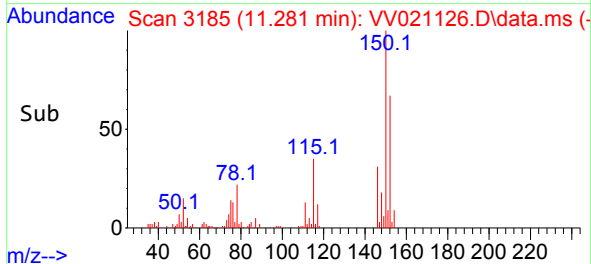
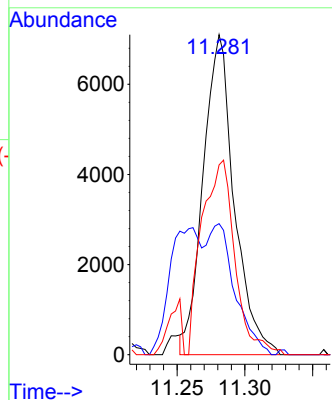
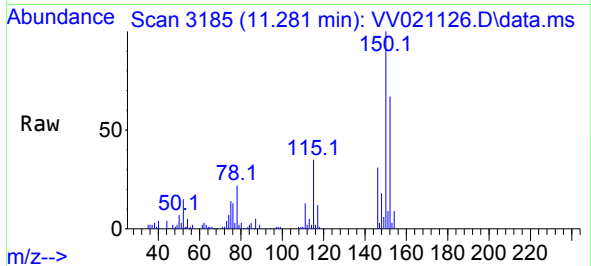




#65
1,4-Dichlorobenzene
Concen: 1.19 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV021126.D
Acq: 23 Apr 2021 17:50

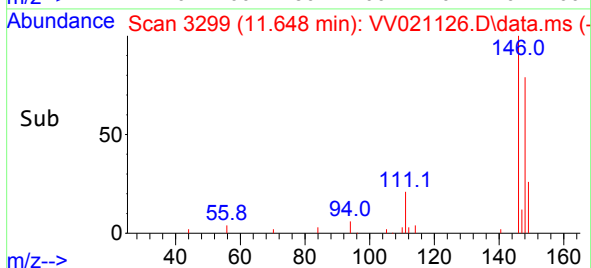
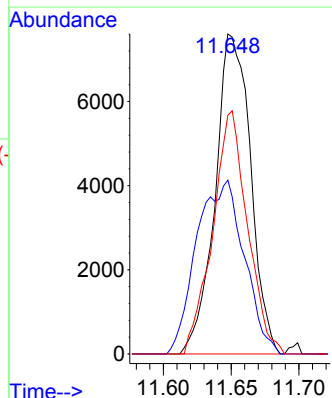
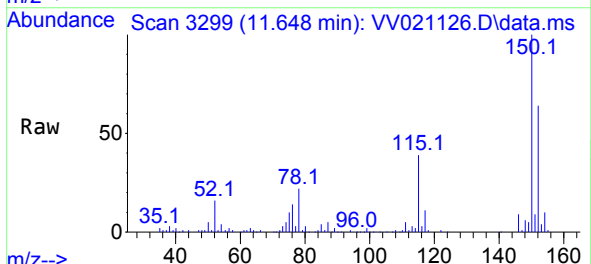
Instrument :
MSVOA_V
ClientSampled :

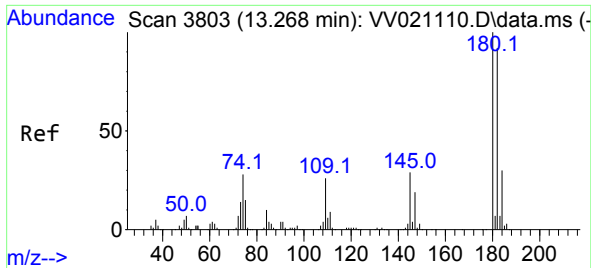
Tgt Ion:146 Resp: 11302
Ion Ratio Lower Upper
146 100
111 41.0 26.3 48.9
148 59.3 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 1.45 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV021126.D
Acq: 23 Apr 2021 17:50

Tgt Ion:146 Resp: 13796
Ion Ratio Lower Upper
146 100
111 54.3 33.2 49.8#
148 74.6 50.6 75.8





#70
1,2,4-trichlorobenzene
Concen: 1.03 ug/L
RT: 13.278 min Scan# 3806
Delta R.T. 0.009 min
Lab File: VV021126.D
Acq: 23 Apr 2021 17:50

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:180 Resp: 6053
Ion Ratio Lower Upper
180 100
182 91.3 77.5 116.3
145 14.3 24.3 36.5#

