

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
 Data File : VV021115.D
 Acq On : 23 Apr 2021 13:30
 Operator : SY/MD
 Sample : M2144-01DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:44:09 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

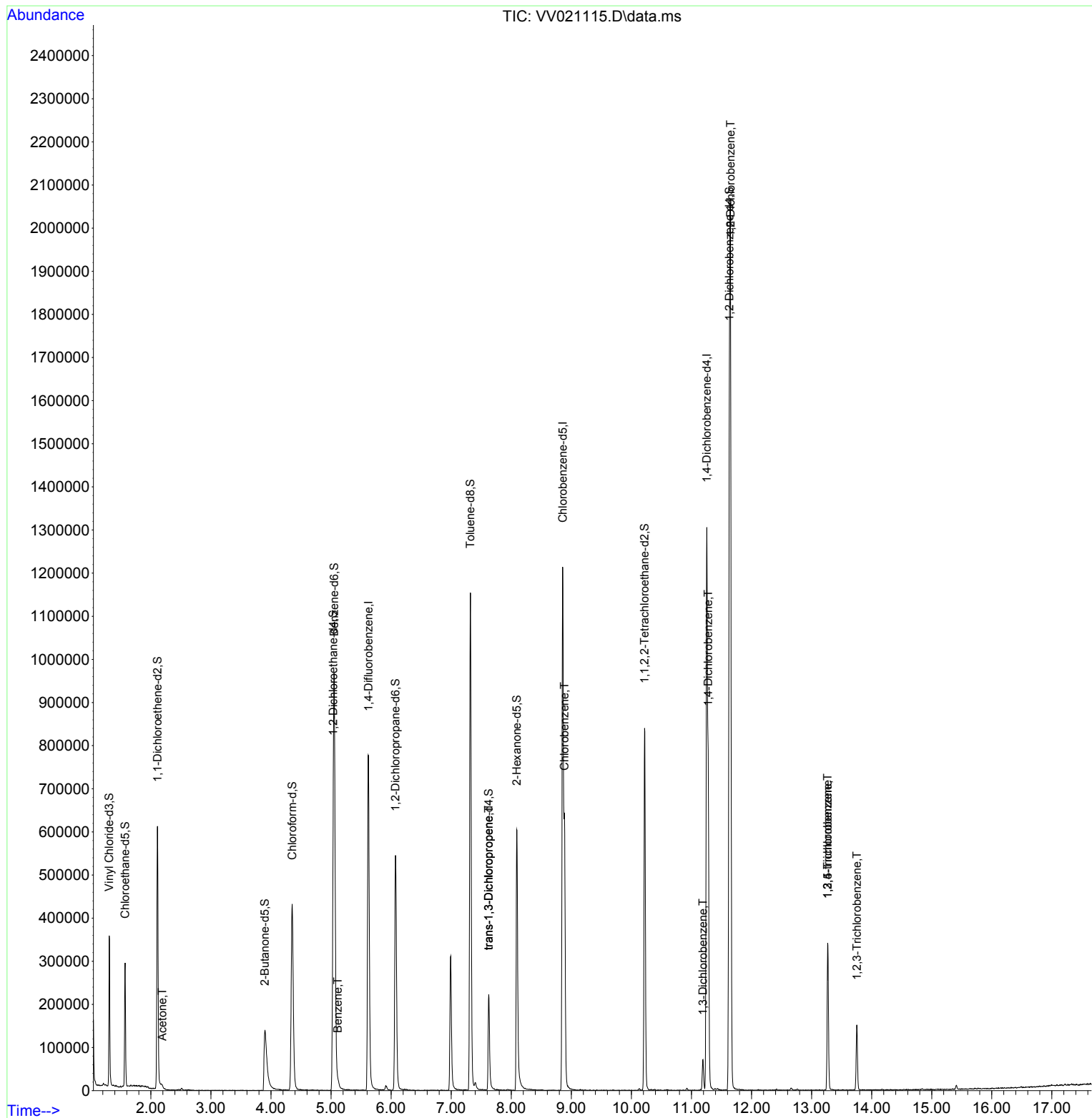
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	680980	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	661385	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	325992	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	218257	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.02%
7) Chloroethane-d5	1.571	69	174331	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.70%
11) 1,1-Dichloroethene-d2	2.111	63	318298	30.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.68%
21) 2-Butanone-d5	3.899	46	267680	97.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.352	84	442614	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
26) 1,2-Dichloroethane-d4	5.037	65	307478	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.053	84	823372	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.072	67	250700	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.36%
41) Toluene-d8	7.320	98	769586	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%
43) trans-1,3-Dichloroprop...	7.625	79	132207	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
47) 2-Hexanone-d5	8.091	63	221184	106.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.07%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	367396	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
66) 1,2-Dichlorobenzene-d4	11.631	152	324969	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%
Target Compounds						
13) Acetone	2.191	43	12195	4.78	ug/L	75
33) Benzene	5.111	78	16016	0.87	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	6159	0.81	ug/L	91
51) Chlorobenzene	8.886	112	327003	23.49	ug/L	99
64) 1,3-Dichlorobenzene	11.191	146	29406	3.03	ug/L	92
65) 1,4-Dichlorobenzene	11.278	146	276299	27.70	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	689231	68.78	ug/L	99
69) 1,3,5-Trichlorobenzene	13.268	180	105222	13.94	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	105222	17.00	ug/L	98
72) 1,2,3-Trichlorobenzene	13.754	180	43870	6.95	ug/L	96

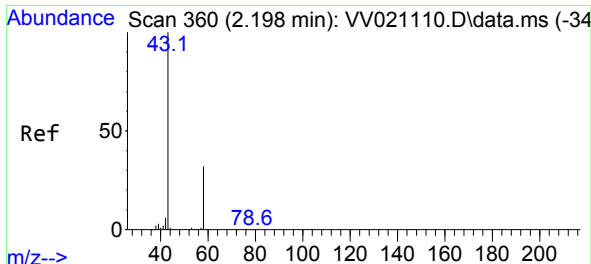
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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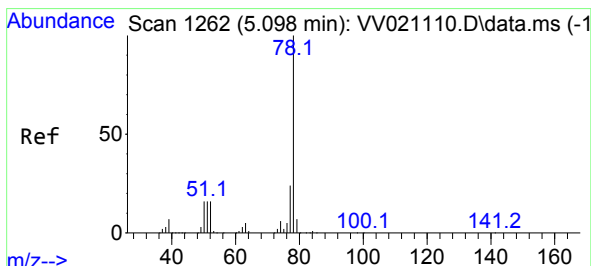
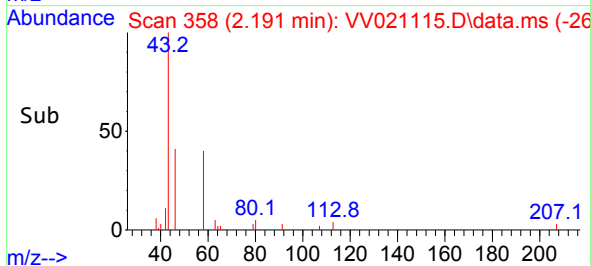
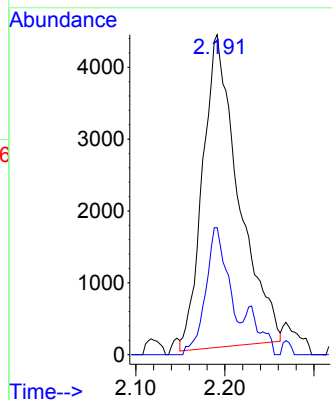
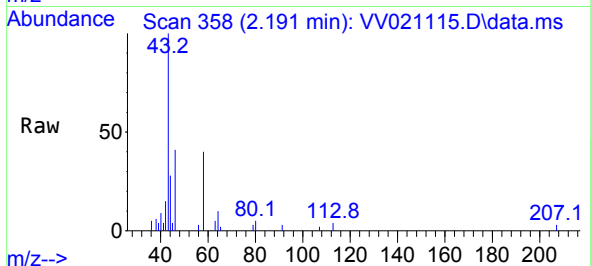




#13
Acetone
Concen: 4.78 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.007 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

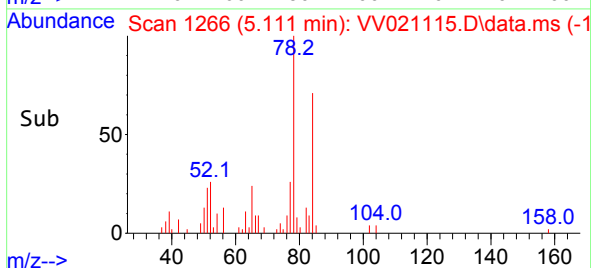
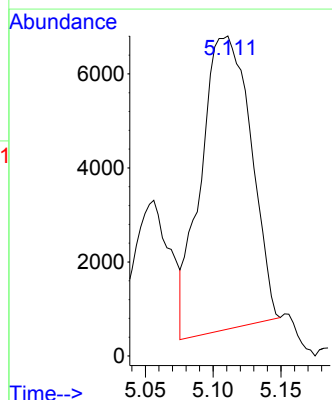
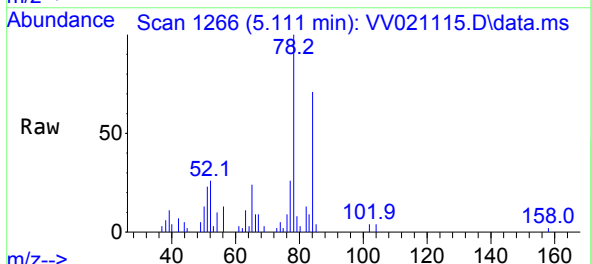
Instrument :
MSVOA_V
ClientSampleId :

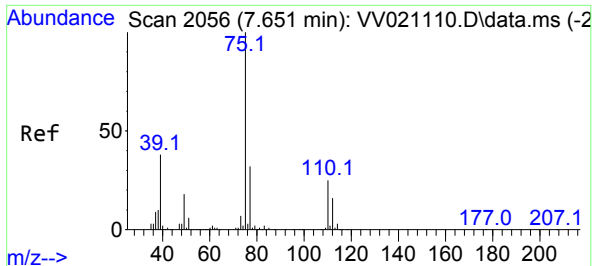
Tgt Ion: 43 Resp: 12195
Ion Ratio Lower Upper
43 100
58 26.0 0.0 30.8



#33
Benzene
Concen: 0.87 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.013 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

Tgt Ion: 78 Resp: 16016

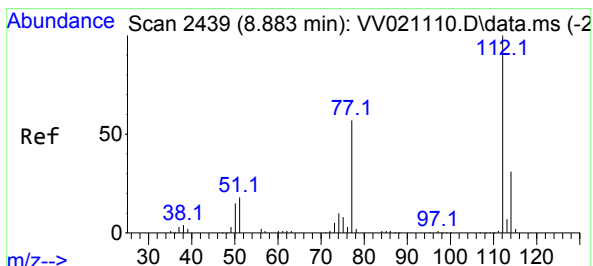
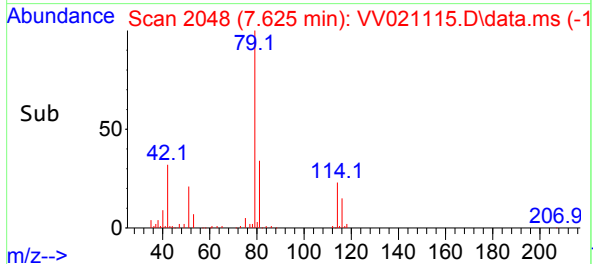
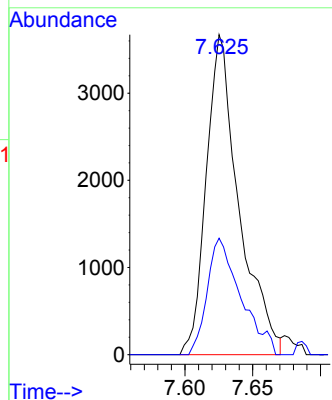
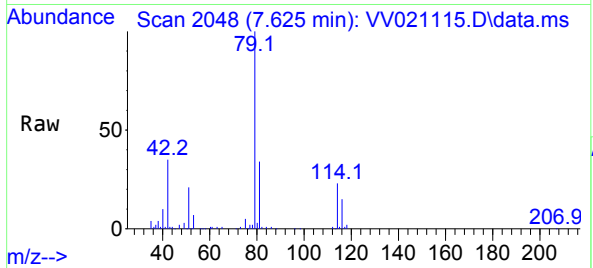




#44
trans-1,3-Dichloropropene
Concen: 0.81 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

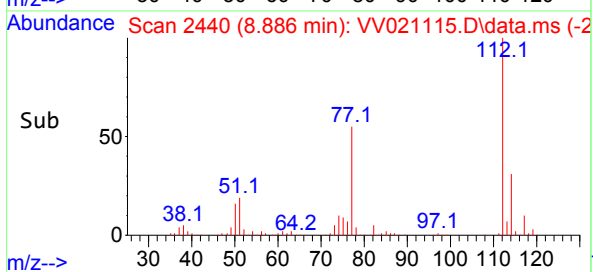
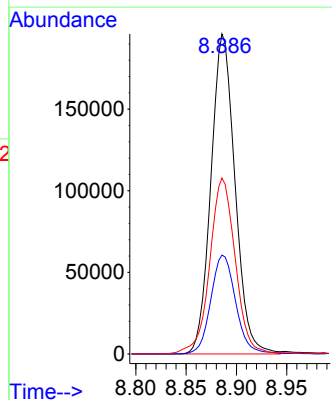
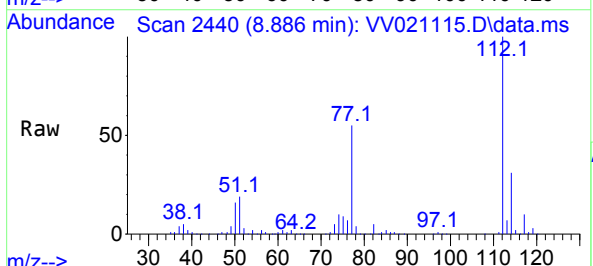
Instrument :
MSVOA_V
ClientSampled :

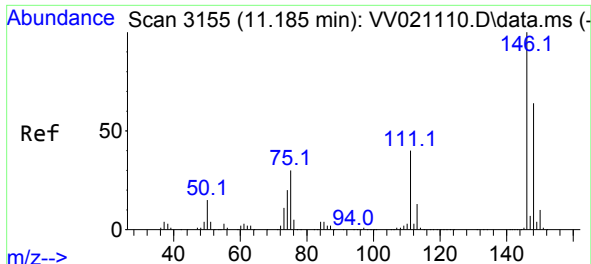
Tgt Ion: 75 Resp: 6159
Ion Ratio Lower Upper
75 100
77 36.4 21.8 40.6



#51
Chlorobenzene
Concen: 23.49 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

Tgt Ion: 112 Resp: 327003
Ion Ratio Lower Upper
112 100
114 30.9 22.8 42.4
77 54.9 44.2 66.2

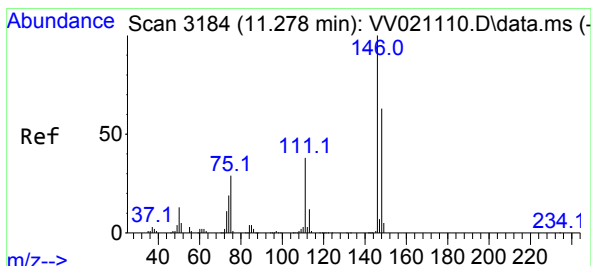
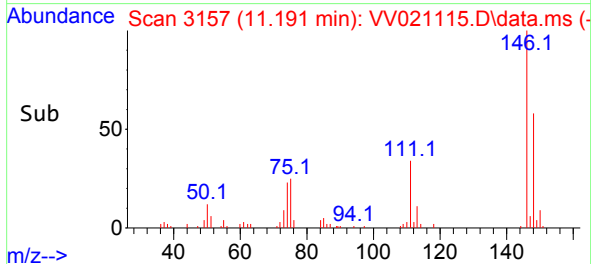
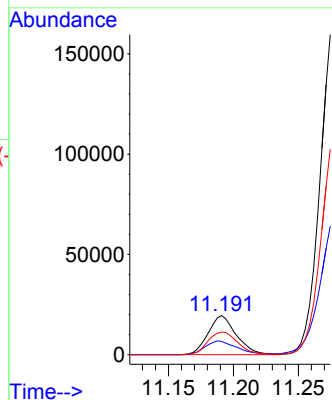
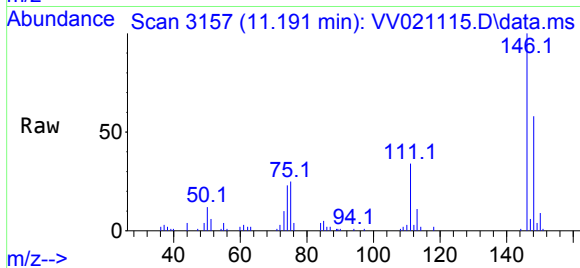




#64
1,3-Dichlorobenzene
Concen: 3.03 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.006 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

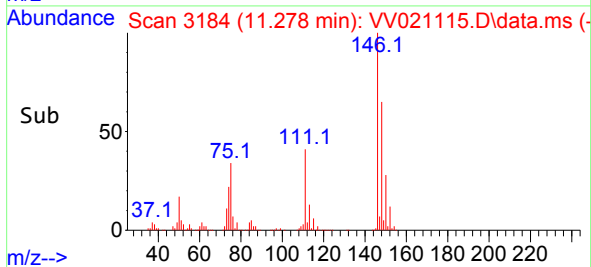
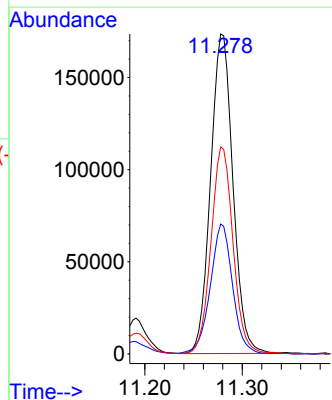
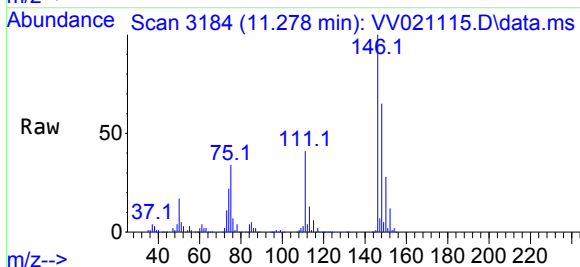
Instrument :
MSVOA_V
ClientSampleId :

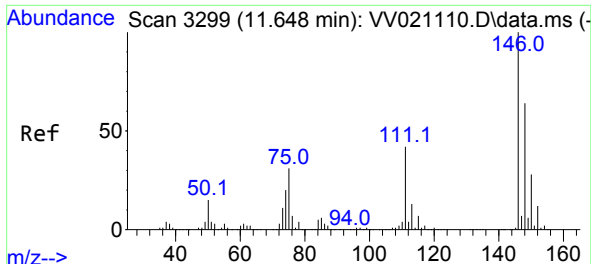
Tgt Ion:146 Resp: 29406
Ion Ratio Lower Upper
146 100
111 34.2 27.6 51.2
148 58.2 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 27.70 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

Tgt Ion:146 Resp: 276299
Ion Ratio Lower Upper
146 100
111 40.6 26.3 48.9
148 64.7 44.7 82.9

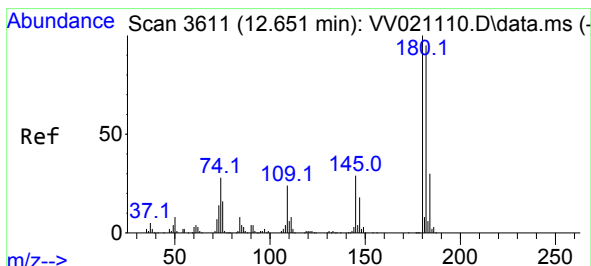
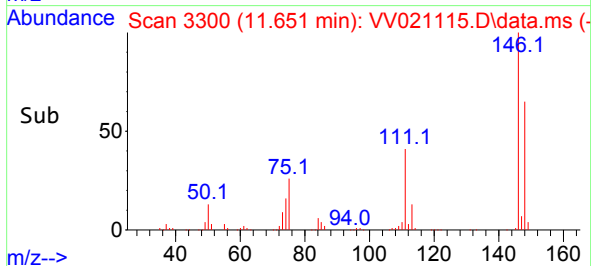
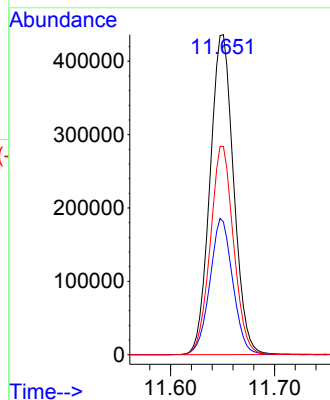
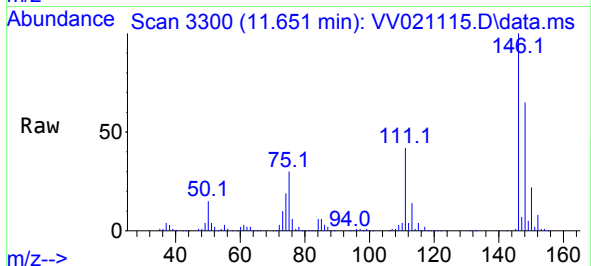




#67
1,2-Dichlorobenzene
Concen: 68.78 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

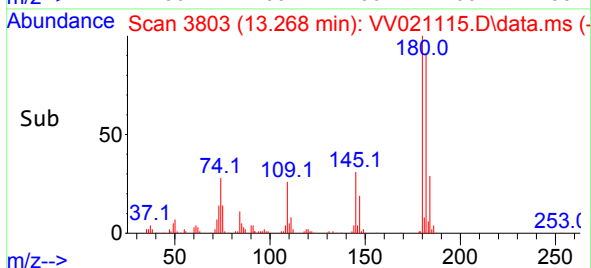
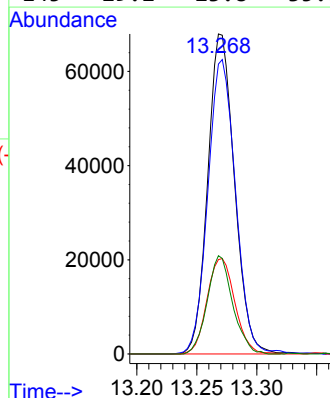
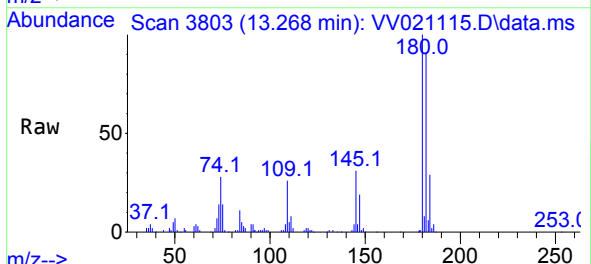
Instrument :
MSVOA_V
ClientSampleId :

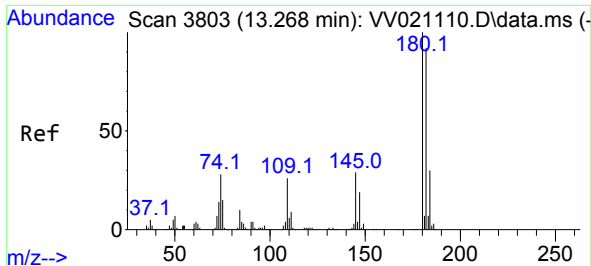
Tgt Ion:146 Resp: 689231
Ion Ratio Lower Upper
146 100
111 41.5 33.2 49.8
148 65.1 50.6 75.8



#69
1,3,5-Trichlorobenzene
Concen: 13.94 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.617 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

Tgt Ion:180 Resp: 105222
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
184 31.1 24.1 36.1
145 29.2 23.8 35.8

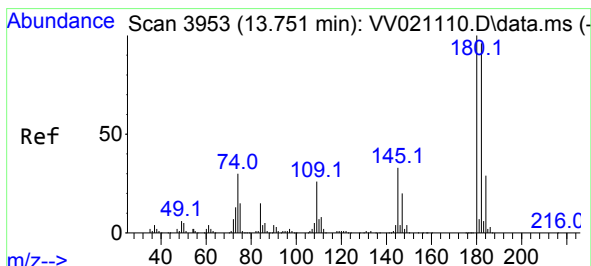
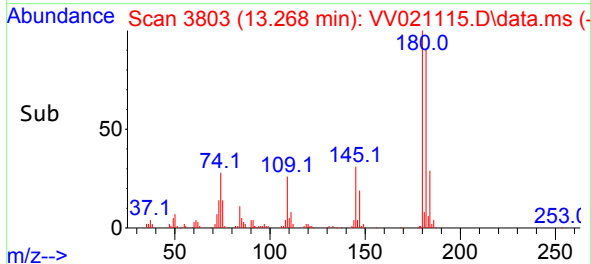
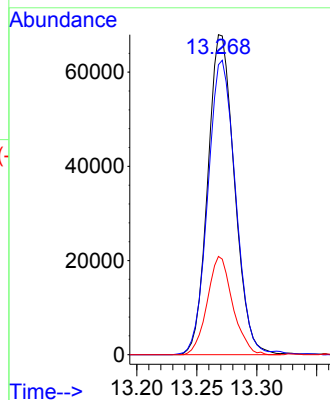
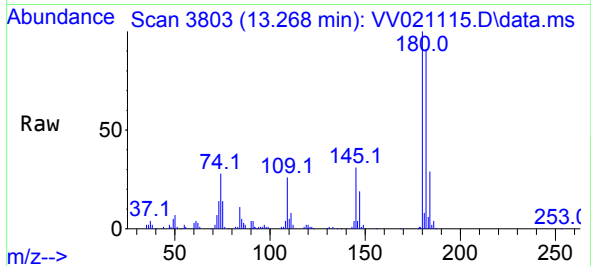




#70
1,2,4-trichlorobenzene
Concen: 17.00 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 105222
Ion Ratio Lower Upper
180 100
182 94.9 77.5 116.3
145 29.2 24.3 36.5



#72
1,2,3-Trichlorobenzene
Concen: 6.95 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV021115.D
Acq: 23 Apr 2021 13:30

Tgt Ion:180 Resp: 43870
Ion Ratio Lower Upper
180 100
182 99.2 75.9 113.9
145 31.7 25.0 37.6

