

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020728.D
 Acq On : 24 Mar 2021 11:46
 Operator : SY/MD
 Sample : M1783-04DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G10DL

Quant Time: Mar 25 03:12:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 03:10:36 2021
 Response via : Initial Calibration

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

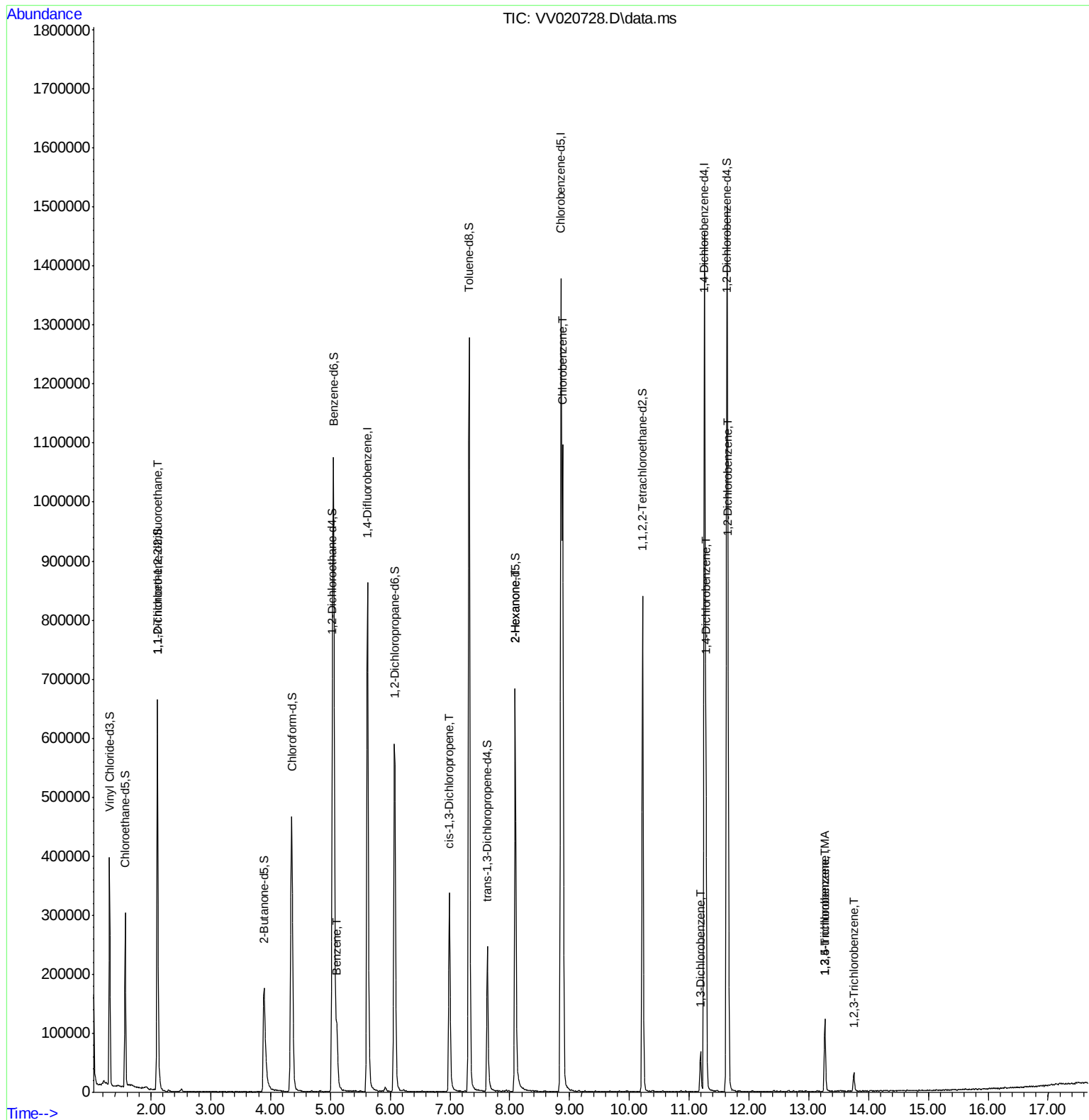
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	733270	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	710723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	351805	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	229293	44.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.10%		
7) Chloroethane-d5	1.568	69	179408	45.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.16%		
11) 1,1-Dichloroethene-d2	2.108	63	350882	35.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.44%		
21) 2-Butanone-d5	3.889	46	311750	92.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.05%		
24) Chloroform-d	4.352	84	470569	45.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.96%		
26) 1,2-Dichloroethane-d4	5.034	65	319639	46.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.78%		
32) Benzene-d6	5.053	84	897675	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.78%		
36) 1,2-Dichloropropane-d6	6.072	67	275456	47.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.72%		
41) Toluene-d8	7.320	98	820285	46.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.04%		
43) trans-1,3-Dichloroprop...	7.625	79	136424	44.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.18%		
47) 2-Hexanone-d5	8.091	63	235756	96.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.68%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	377608	44.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.14%		
64) 1,2-Dichlorobenzene-d4	11.631	152	341974	50.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.18%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3123	0.68	ug/L #	21
33) Benzene	5.104	78	111888	5.71	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	8092	1.02	ug/L #	46
48) 2-Hexanone	8.091	43	27622	5.25	ug/L #	63
51) Chlorobenzene	8.886	112	551186	38.54	ug/L	98
62) 1,3-Dichlorobenzene	11.191	146	27984	2.61	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	221189	19.81	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	271397	25.65	ug/L	98
67) 1,3,5-Trichlorobenzene	13.271	180	37125	4.46	ug/L	98
68) 1,2,4-trichlorobenzene	13.271	180	37125	5.26	ug/L	97
70) 1,2,3-Trichlorobenzene	13.757	180	8769	1.24	ug/L	89

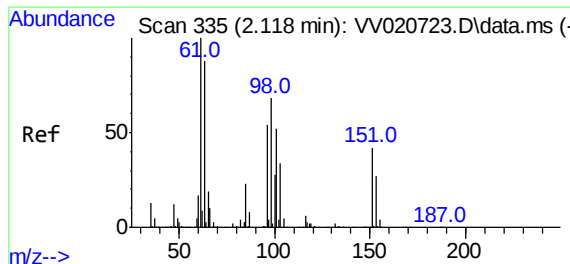
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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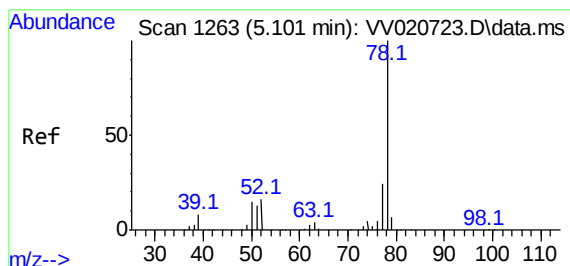
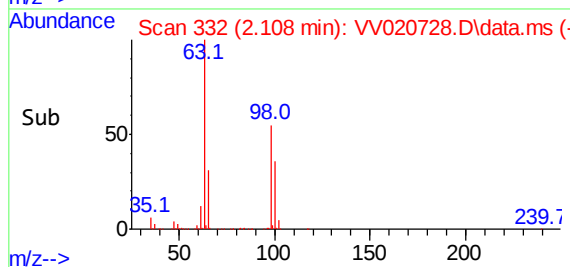
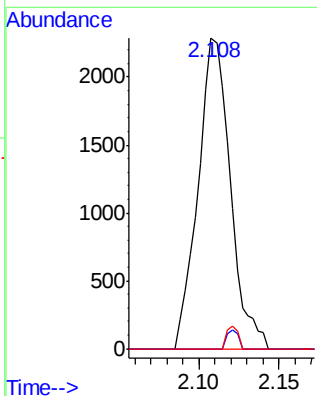
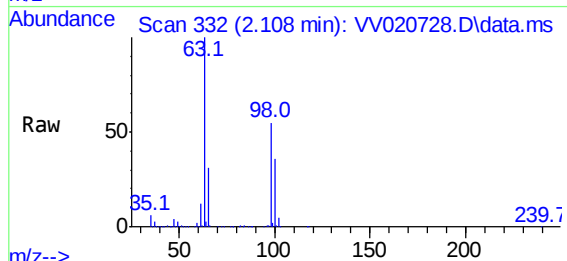




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

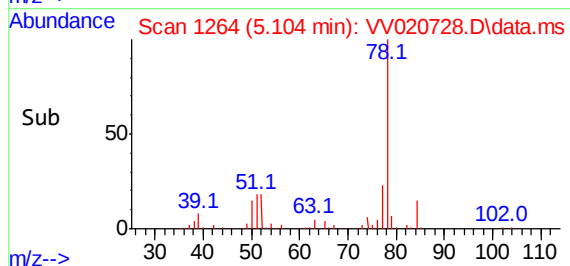
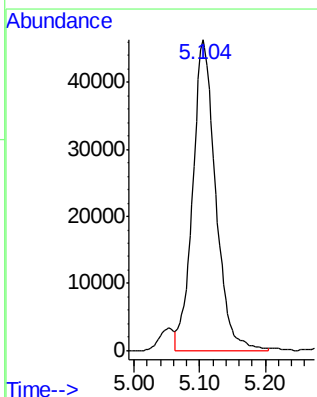
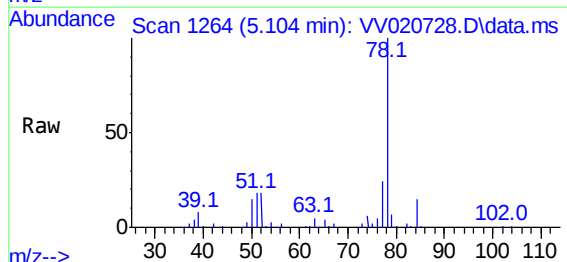
Instrument :
MSVOA_V
ClientSampleId :
C0G10DL

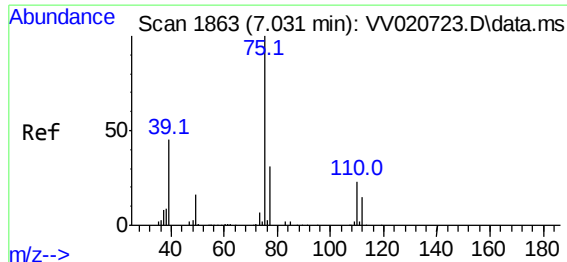
Tgt Ion:101 Resp: 3123
Ion Ratio Lower Upper
101 100
85 2.3 35.4 53.0#
151 2.7 63.5 95.3#



#33
Benzene
Concen: 5.71 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

Tgt Ion: 78 Resp: 111888

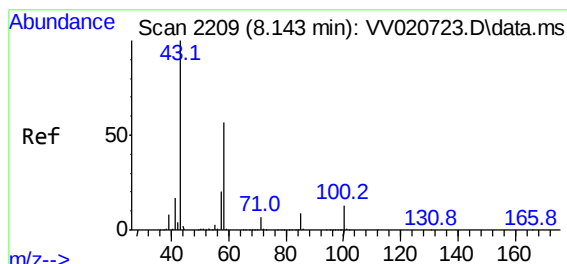
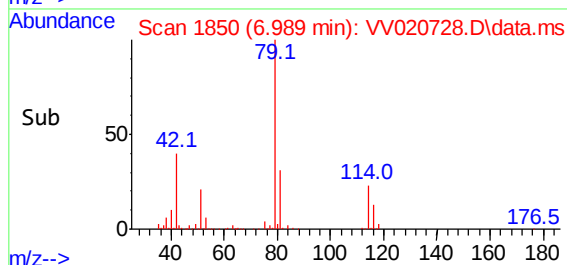
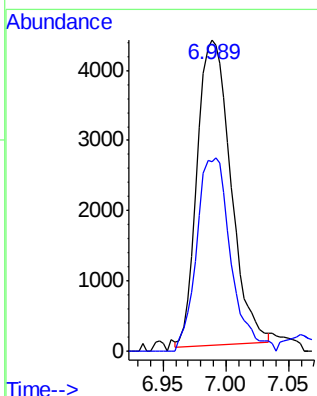
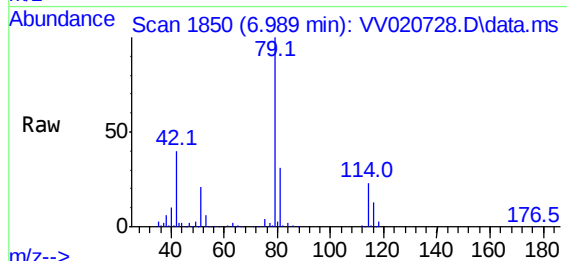




#39
cis-1,3-Dichloropropene
Concen: 1.02 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

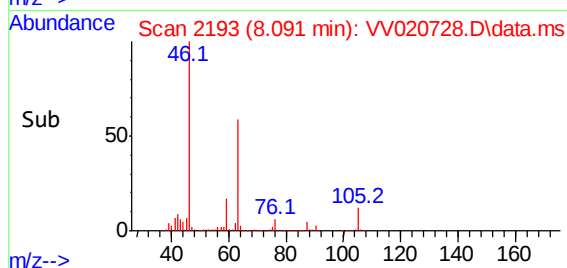
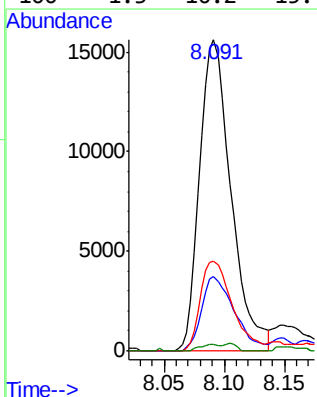
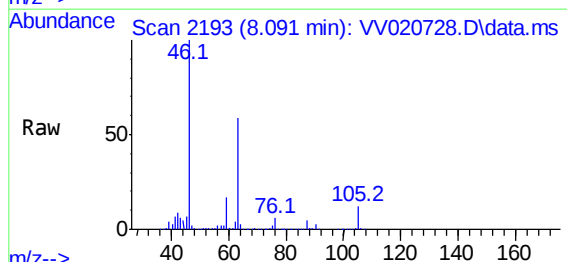
Instrument :
MSVOA_V
ClientSampleId :
C0G10DL

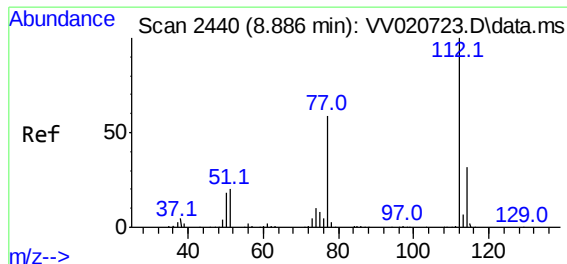
Tgt Ion: 75 Resp: 8092
Ion Ratio Lower Upper
75 100
77 60.9 21.7 40.3#



#48
2-Hexanone
Concen: 5.25 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.052 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

Tgt Ion: 43 Resp: 27622
Ion Ratio Lower Upper
43 100
58 24.8 45.8 68.8#
57 29.1 15.4 23.2#
100 1.3 10.2 15.4#

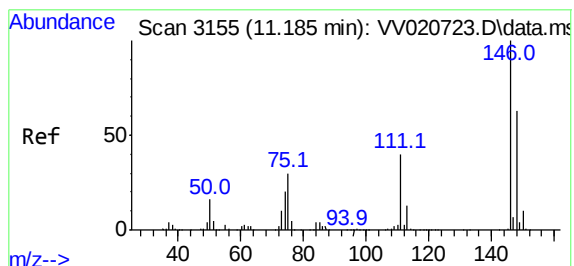
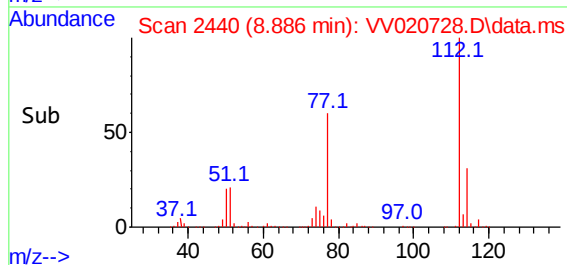
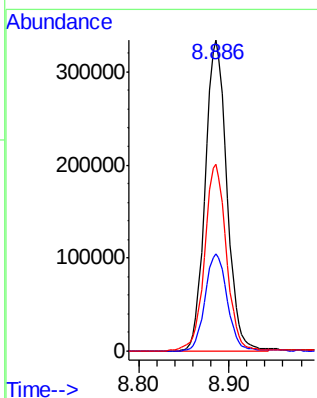
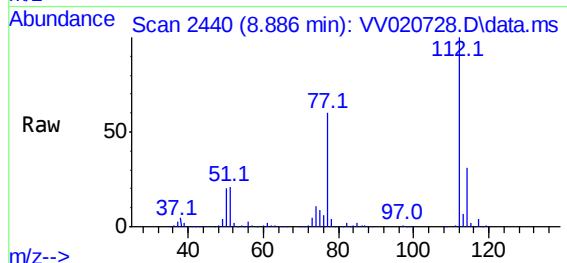




#51
Chlorobenzene
Concen: 38.54 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

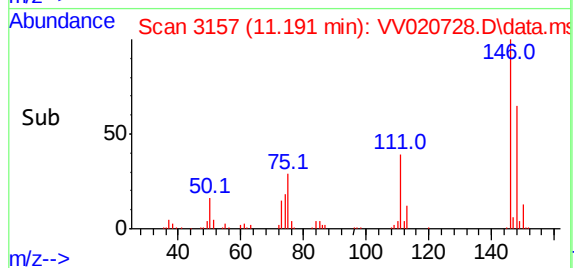
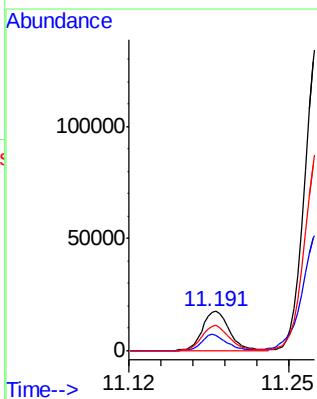
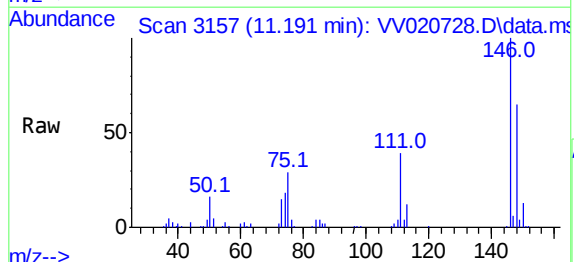
Instrument :
MSVOA_V
ClientSampled :
C0G10DL

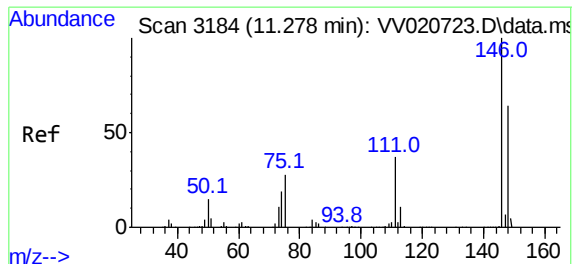
Tgt Ion:112 Resp: 551186
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 60.2 46.7 70.1



#62
1,3-Dichlorobenzene
Concen: 2.61 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.006 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

Tgt Ion:146 Resp: 27984
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 65.0 44.9 83.5

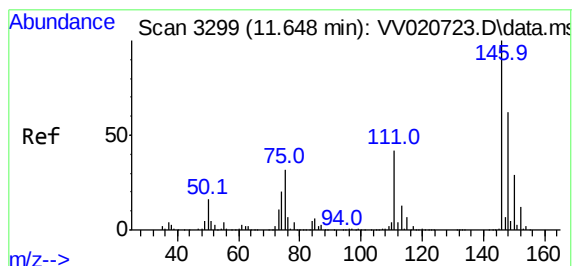
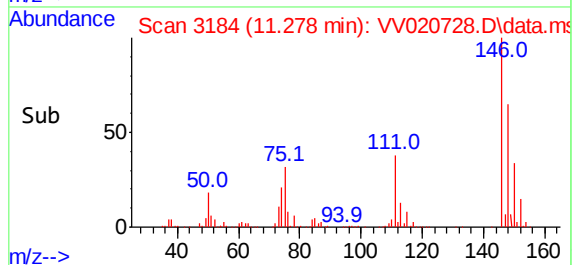
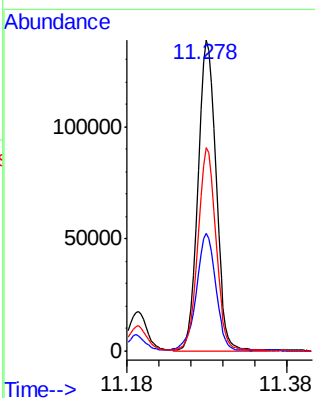
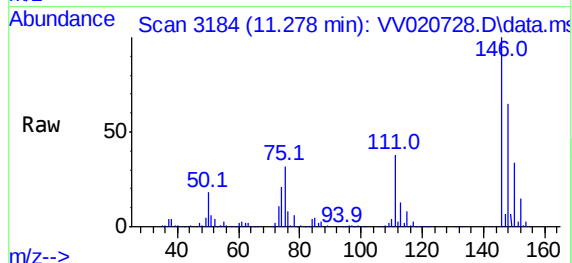




#63
1,4-Dichlorobenzene
Concen: 19.81 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

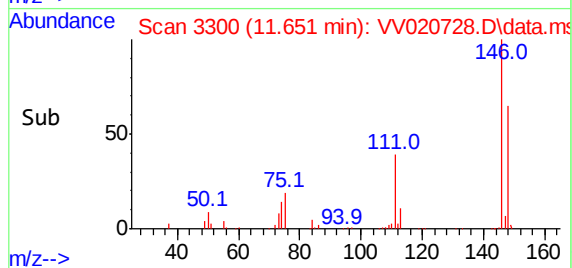
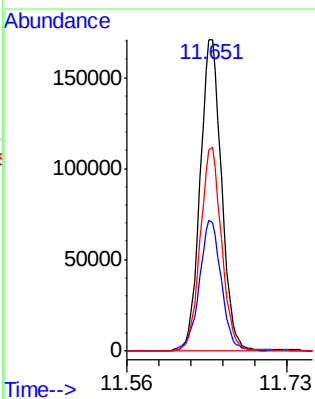
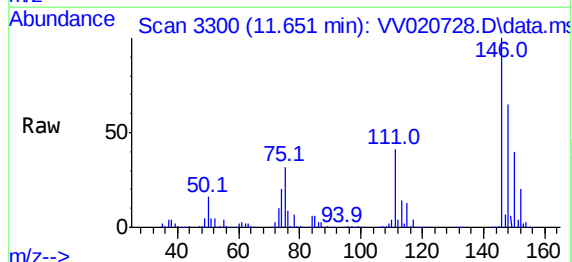
Instrument :
MSVOA_V
ClientSampleId :
C0G10DL

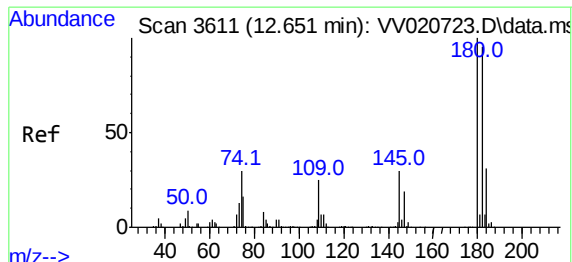
Tgt Ion:146 Resp: 221189
Ion Ratio Lower Upper
146 100
111 37.7 26.0 48.4
148 65.5 44.1 81.9



#65
1,2-Dichlorobenzene
Concen: 25.65 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

Tgt Ion:146 Resp: 271397
Ion Ratio Lower Upper
146 100
111 41.1 34.1 51.1
148 65.2 51.4 77.0

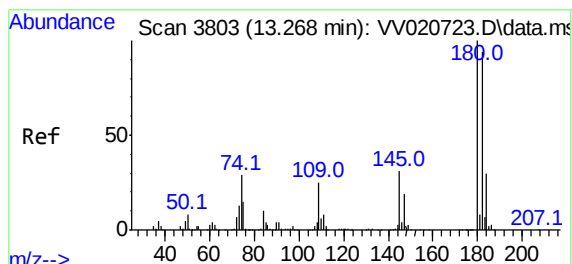
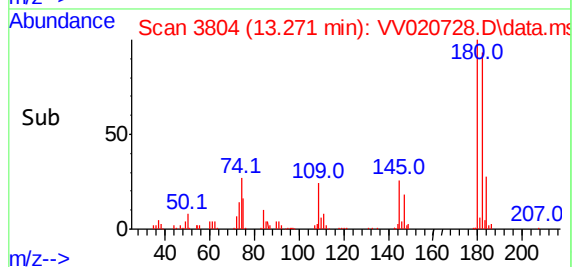
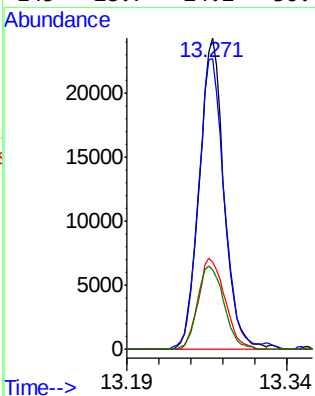
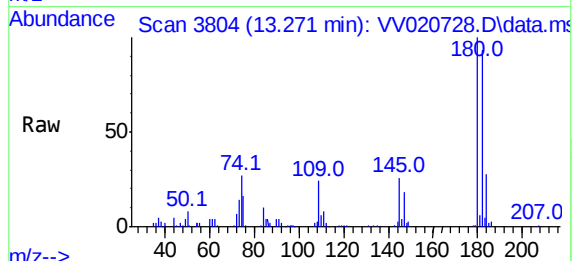




#67
1,3,5-Trichlorobenzene
Concen: 4.46 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.620 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

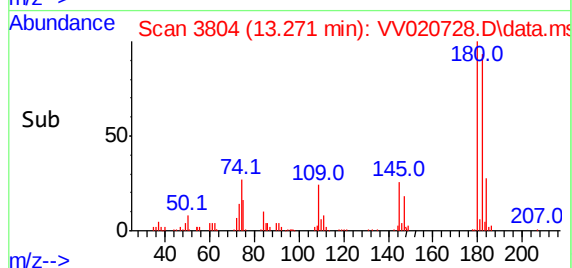
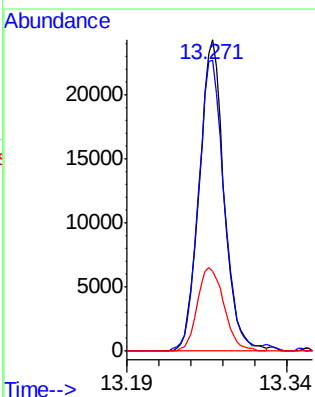
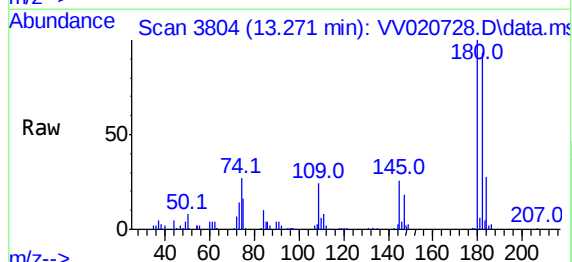
Instrument :
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ClientSampleId :
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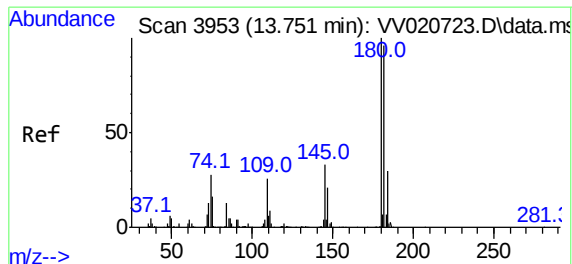
Tgt Ion:180 Resp: 37125
Ion Ratio Lower Upper
180 100
182 97.3 76.3 114.5
184 31.3 24.5 36.7
145 28.7 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 5.26 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

Tgt Ion:180 Resp: 37125
Ion Ratio Lower Upper
180 100
182 97.3 75.8 113.6
145 28.7 23.9 35.9





#70
 1,2,3-Trichlorobenzene
 Concen: 1.24 ug/L
 RT: 13.757 min Scan# 3955
 Delta R.T. 0.006 min
 Lab File: VV020728.D
 Acq: 24 Mar 2021 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G10DL

Tgt Ion:180 Resp: 8769

Ion	Ratio	Lower	Upper
180	100		
182	104.7	75.2	112.8
145	38.1	25.5	38.3

