

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032421\
 Data File : VV020728.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

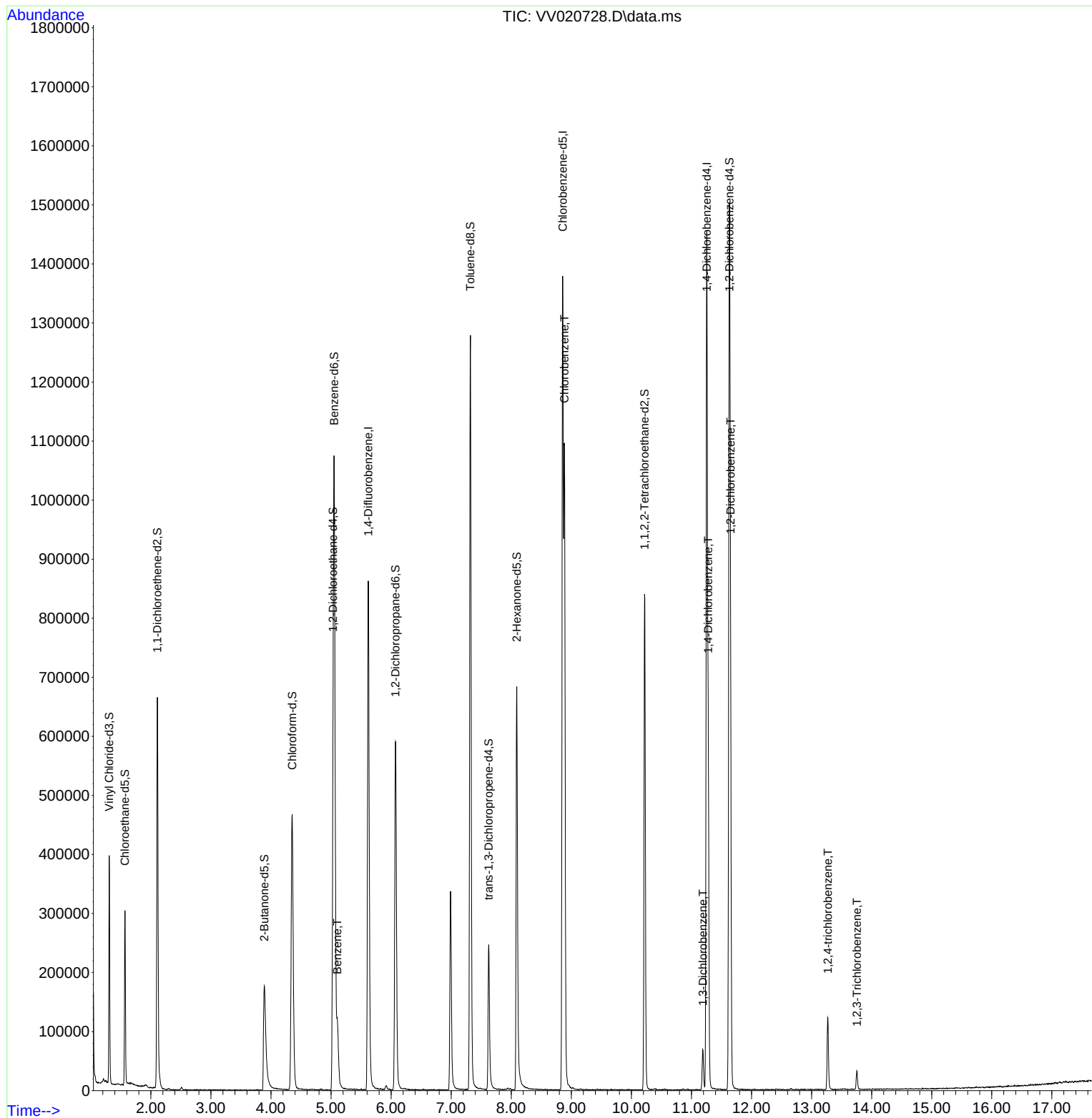
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	733270	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	710723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	351805	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	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						
33) Benzene	5.104	78	111888	5.71	ug/L	100
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
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

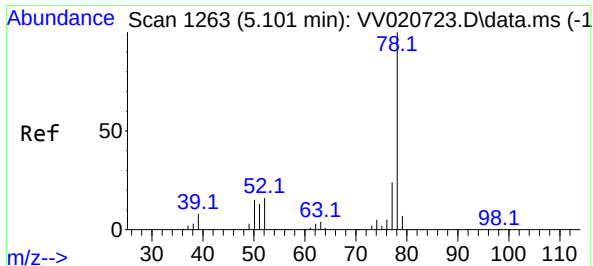
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 5.71 ug/L

RT: 5.104 min Scan# 1264

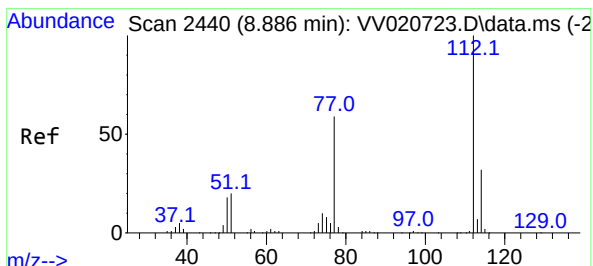
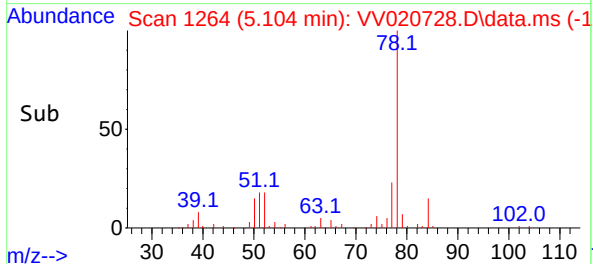
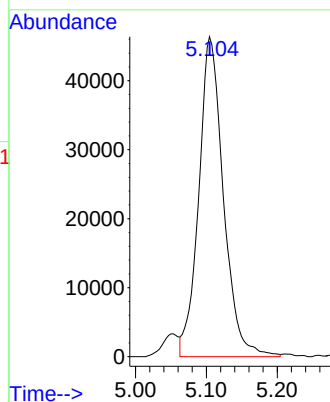
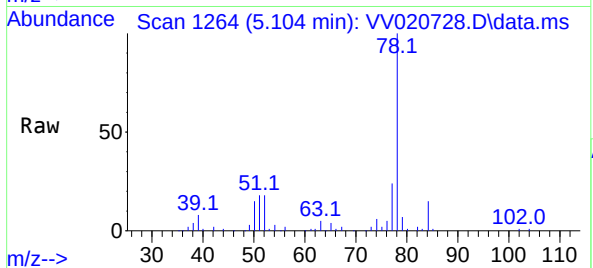
Delta R.T. 0.003 min

Lab File: VV020728.D

Acq: 24 Mar 2021 11:46

Tgt Ion: 78 Resp: 111888

Instrument :
MSVOA_V
ClientSampleId :
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#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

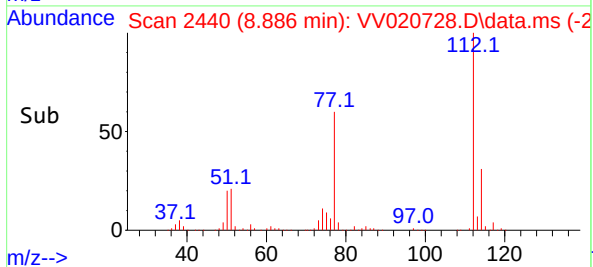
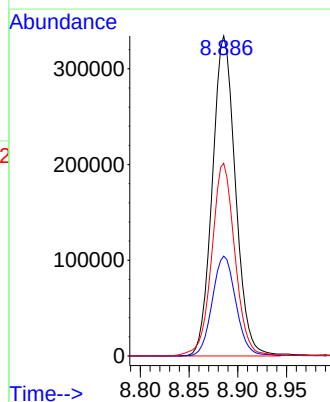
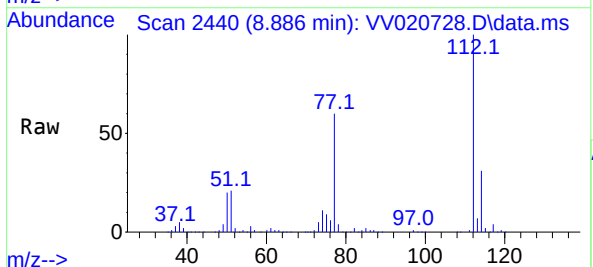
Tgt Ion: 112 Resp: 551186

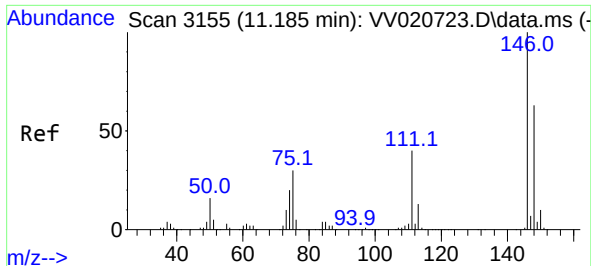
Ion Ratio Lower Upper

112 100

114 31.2 22.4 41.6

77 60.2 46.7 70.1

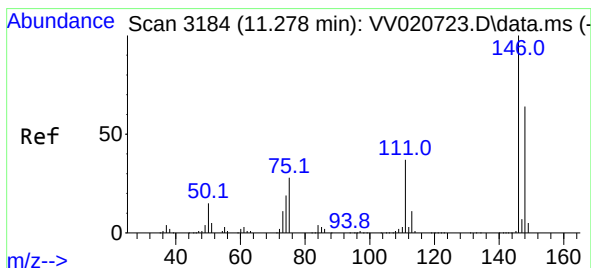
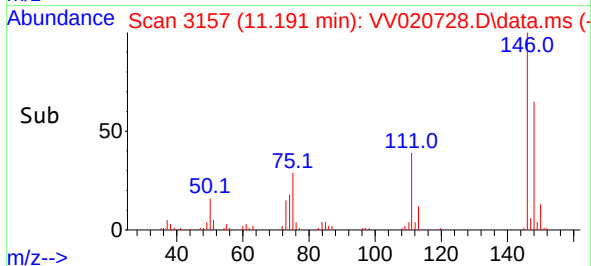
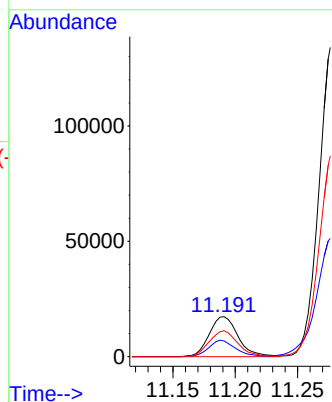
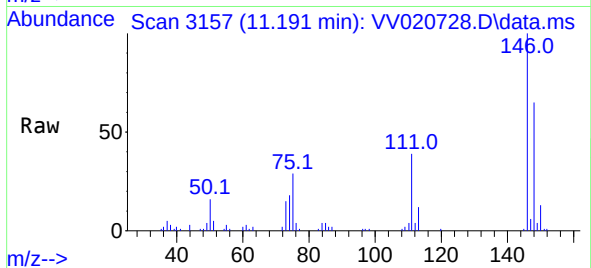




#62
1,3-Dichlorobenzene
Concen: 2.61 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.006 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

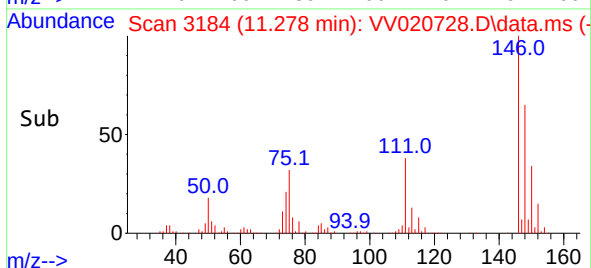
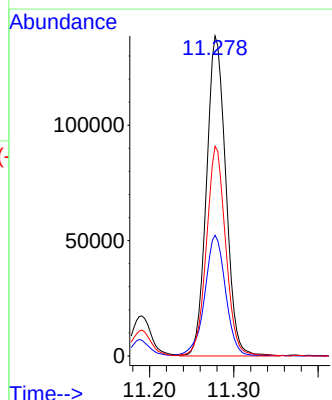
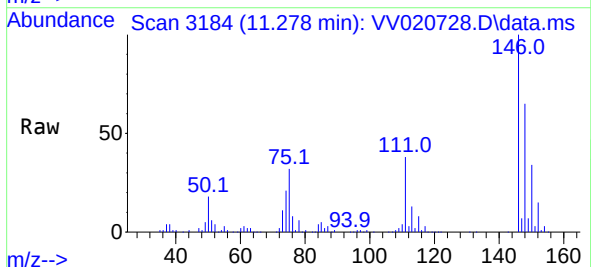
Instrument :
MSVOA_V
ClientSampled :
C0G10DL

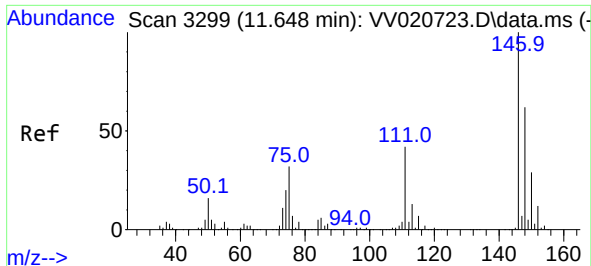
Tgt Ion:146 Resp: 27984
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 65.0 44.9 83.5



#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

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

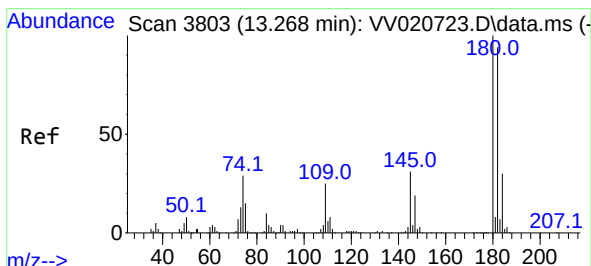
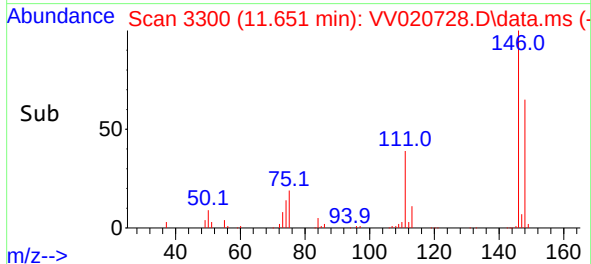
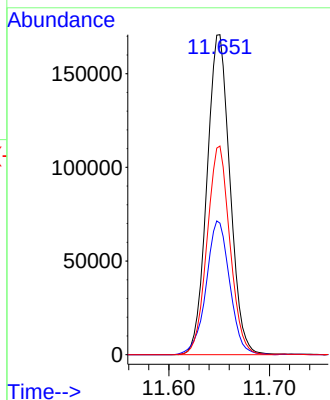
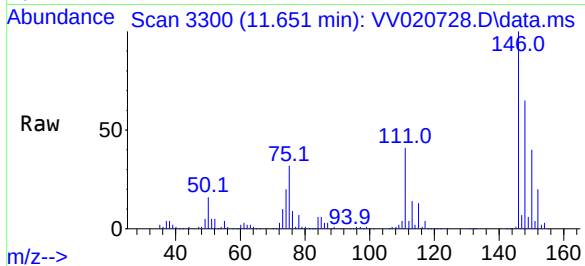




#65
1,2-Dichlorobenzene
Concen: 25.65 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020728.D
Acq: 24 Mar 2021 11:46

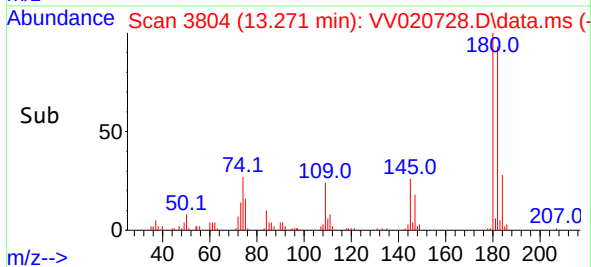
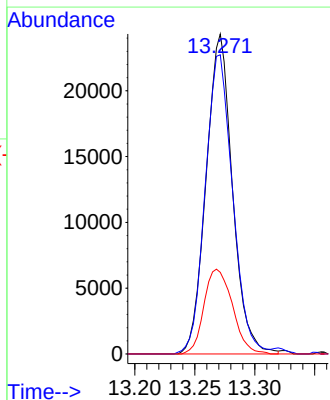
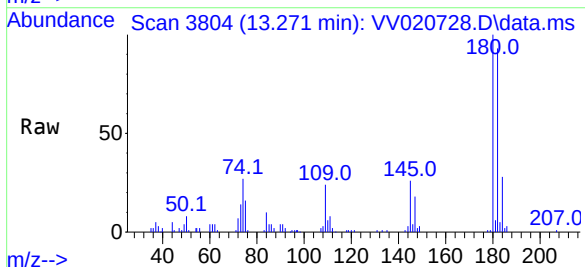
Instrument :
MSVOA_V
ClientSampleId :
C0G10DL

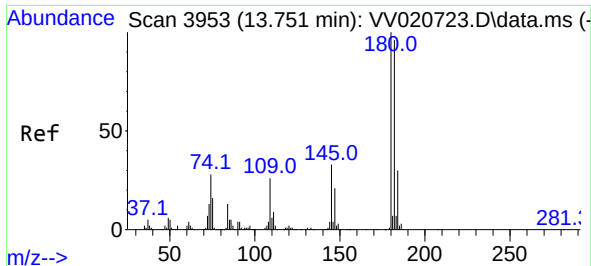
Tgt Ion:146 Resp: 271397
Ion Ratio Lower Upper
146 100
111 41.1 34.1 51.1
148 65.2 51.4 77.0



#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

