

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020734.D
 Acq On : 24 Mar 2021 14:06
 Operator : SY/MD
 Sample : M1783-04 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G10

Manual Integrations
 APPROVED

SAM
 3/25/2021 5:03:07 PM

Quant Time: Mar 25 03:13:43 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	5.622	114	718904	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	702183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	365421	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	221554	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.82%		
7) Chloroethane-d5	1.571	69	175643	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.04%		
11) 1,1-Dichloroethene-d2	2.108	63	338217m	35.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.24%		
21) 2-Butanone-d5	3.889	46	318323	95.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.87%		
24) Chloroform-d	4.352	84	469055	46.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.48%		
26) 1,2-Dichloroethane-d4	5.037	65	321595	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.24%		
32) Benzene-d6	5.053	84	894860	47.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.62%		
36) 1,2-Dichloropropane-d6	6.072	67	273987	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.36%		
41) Toluene-d8	7.320	98	814824	46.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.54%		
43) trans-1,3-Dichloroprop...	7.625	79	139923	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.54%		
47) 2-Hexanone-d5	8.091	63	239183	99.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.28%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	382370	45.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.36%		
64) 1,2-Dichlorobenzene-d4	11.631	152	349745m	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.64%		
Target Compounds					Qvalue	
25) Chloroform	4.381	83	14351	1.51	ug/L	96
31) Carbon tetrachloride	4.838	117	5994	0.77	ug/L #	77
33) Benzene	5.104	78	1107500	57.18	ug/L	100
51) Chlorobenzene	8.886	112	5613496	397.25	ug/L	97
62) 1,3-Dichlorobenzene	11.188	146	296070	26.55	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	2386866	205.80	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	2872827	261.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	475763	64.91	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	113999	15.53	ug/L	99

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

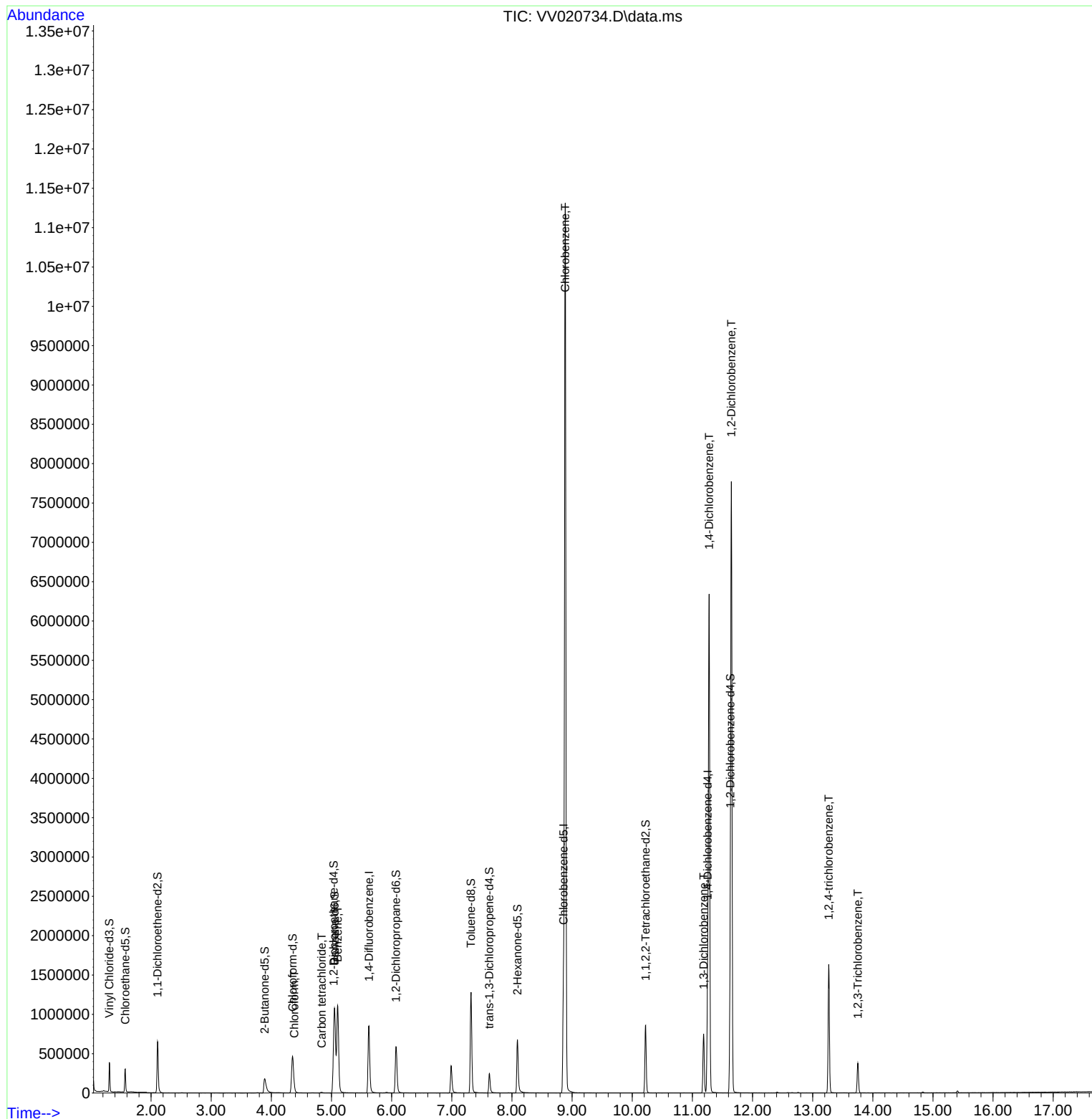
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032421\
Data File : VV020734.D
Acq On : 24 Mar 2021 14:06
Operator : SY/MD
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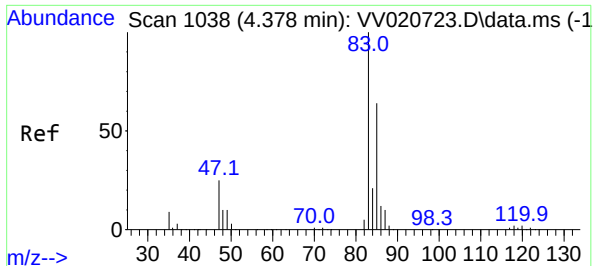
Instrument :
MSVOA_V
ClientSampleId :
C0G10

Manual Integrations
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Quant Time: Mar 25 03:13:43 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





#25

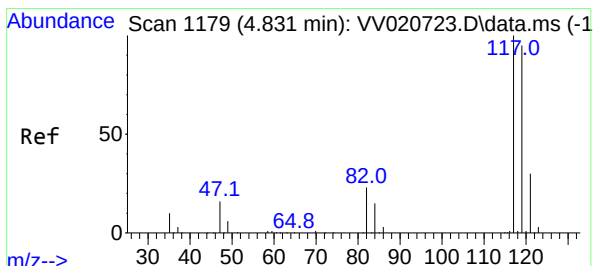
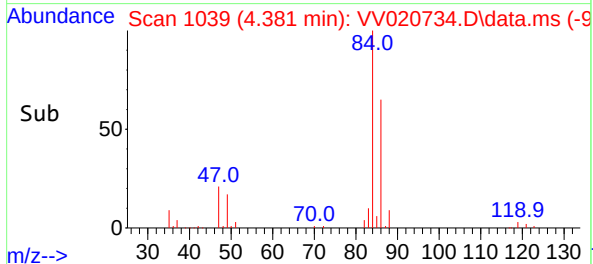
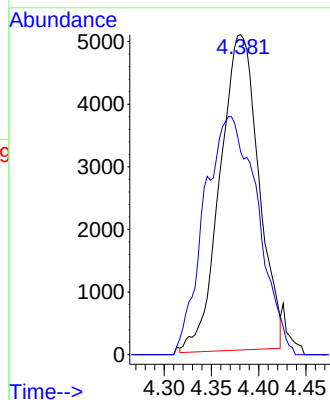
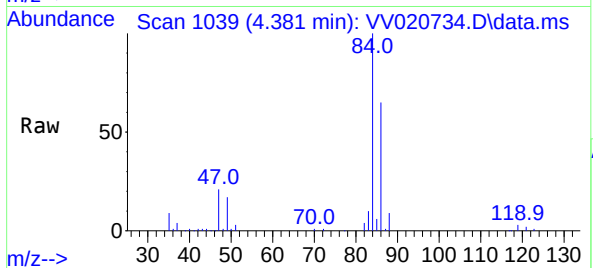
Chloroform
Concen: 1.51 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 83 Resp: 14351
Ion Ratio Lower Upper
83 100
85 63.3 46.7 86.7

Instrument :
MSVOA_V
ClientSampled :
C0G10

Manual Integrations
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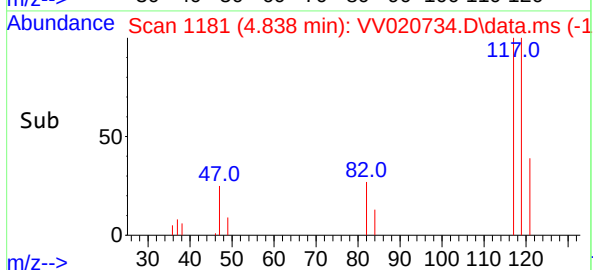
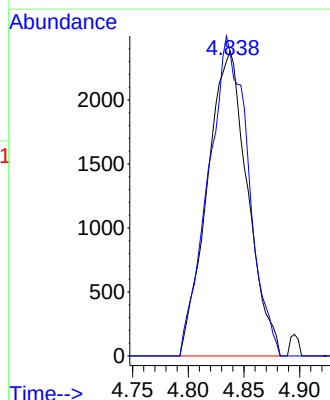
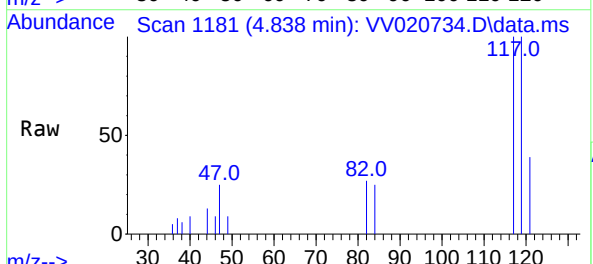
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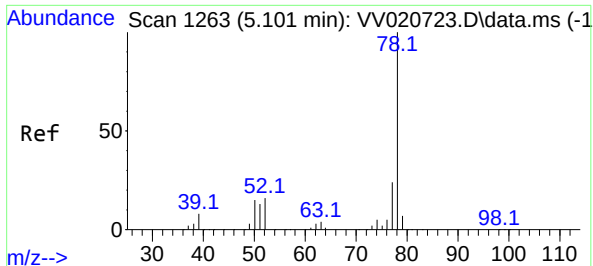


#31

Carbon tetrachloride
Concen: 0.77 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 117 Resp: 5994
Ion Ratio Lower Upper
117 100
119 73.5 76.9 115.3#





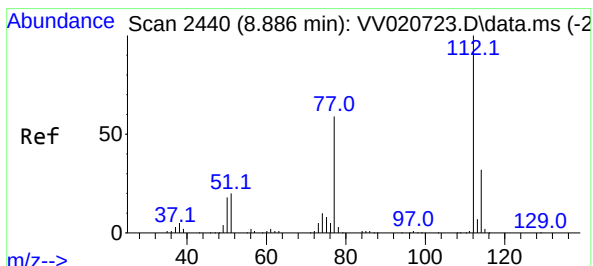
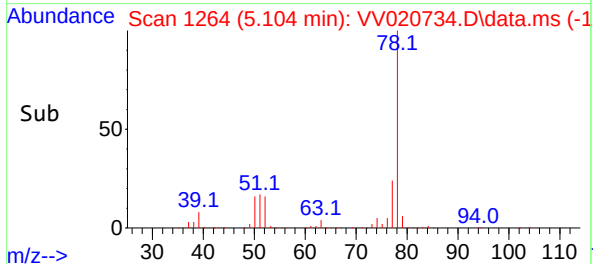
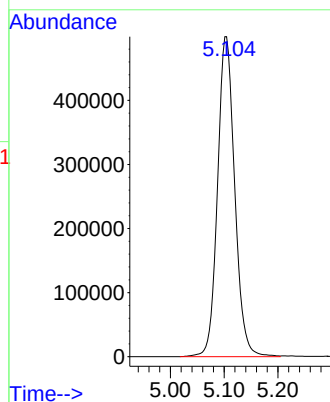
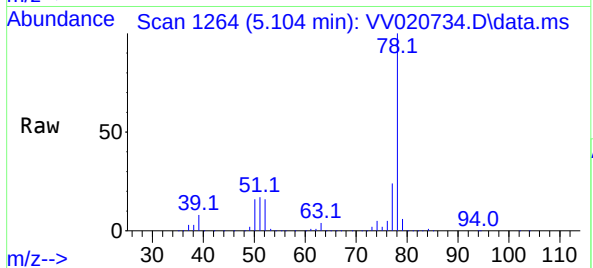
#33
Benzene
Concen: 57.18 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 78 Resp: 1107500

Instrument :
MSVOA_V
ClientSampleId :
C0G10

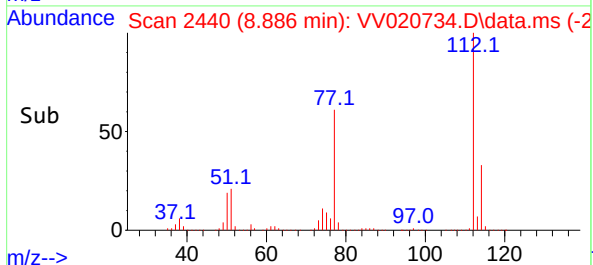
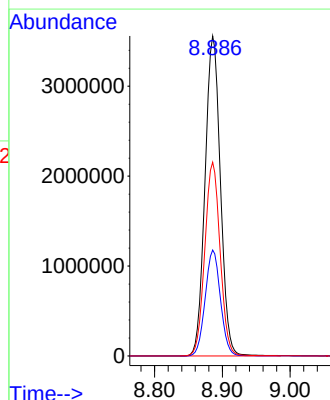
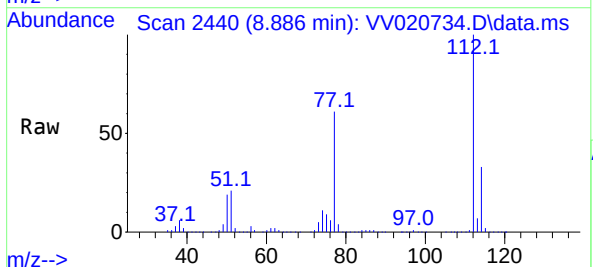
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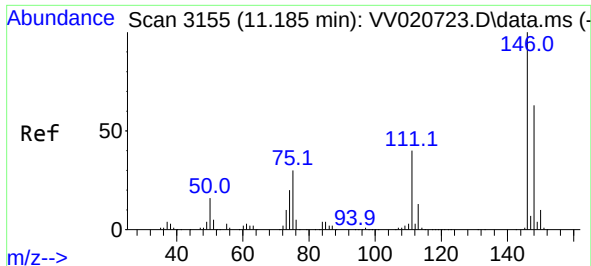
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#51
Chlorobenzene
Concen: 397.25 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06

Tgt Ion: 112 Resp: 5613496
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 60.5 46.7 70.1





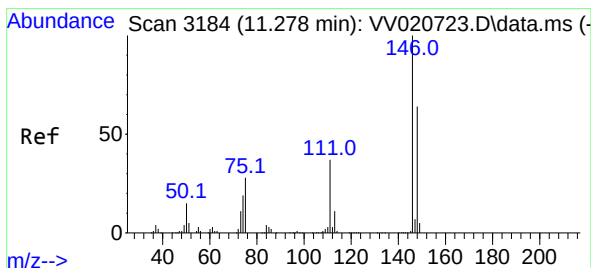
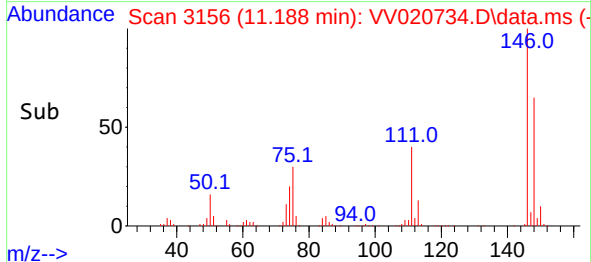
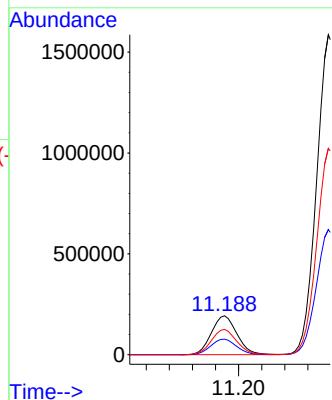
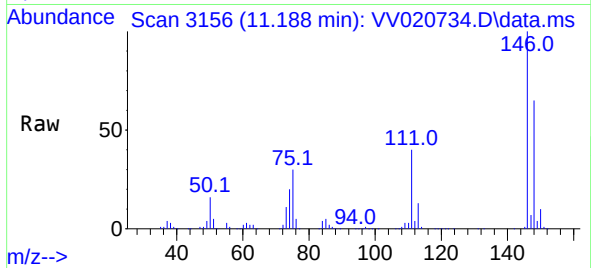
#62
1,3-Dichlorobenzene
Concen: 26.55 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06

Tgt Ion:146 Resp: 296070
Ion Ratio Lower Upper
146 100
111 40.1 27.4 51.0
148 64.9 44.9 83.5

Instrument :
MSVOA_V
ClientSampled :
C0G10

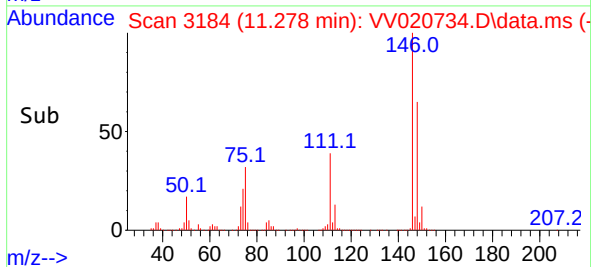
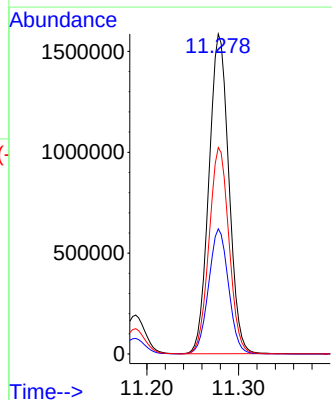
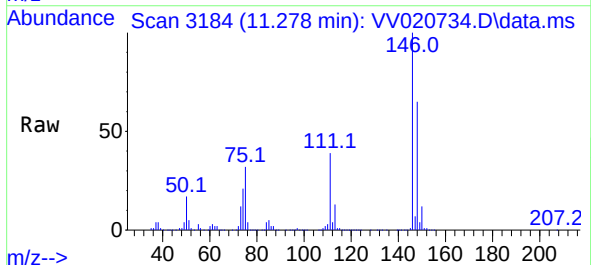
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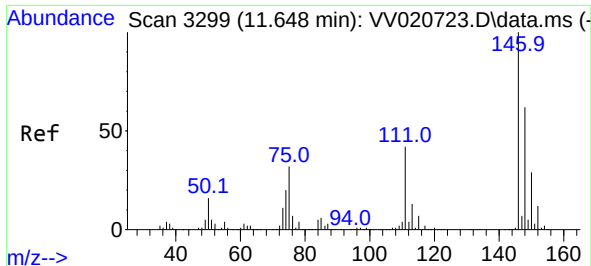
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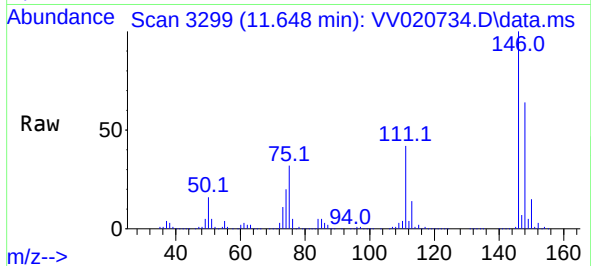
#63
1,4-Dichlorobenzene
Concen: 205.80 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06

Tgt Ion:146 Resp: 2386866
Ion Ratio Lower Upper
146 100
111 39.1 26.0 48.4
148 64.5 44.1 81.9

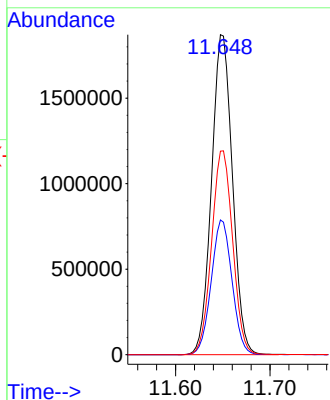
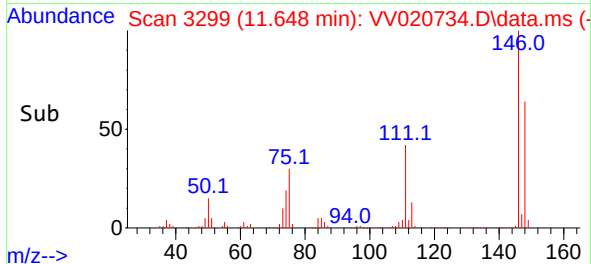




#65
1,2-Dichlorobenzene
Concen: 261.41 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06



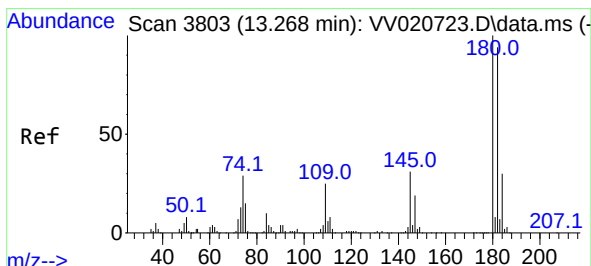
Tgt Ion:146 Resp: 2872827
Ion Ratio Lower Upper
146 100
111 42.1 34.1 51.1
148 63.6 51.4 77.0



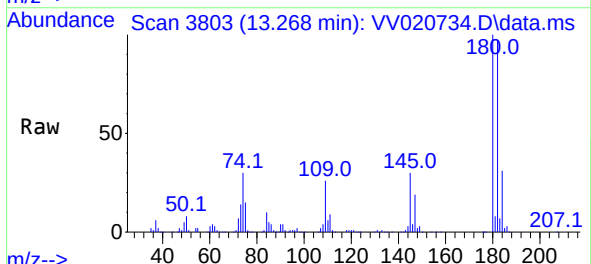
Instrument :
MSVOA_V
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C0G10

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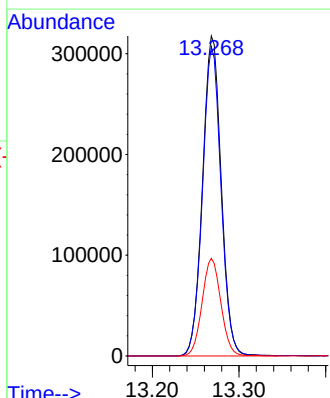
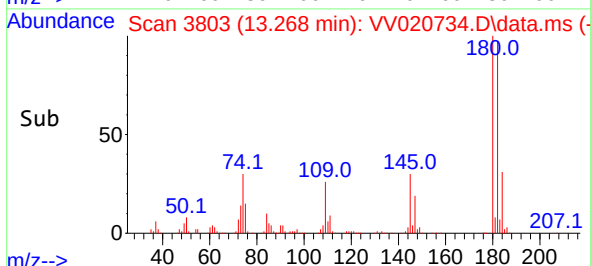
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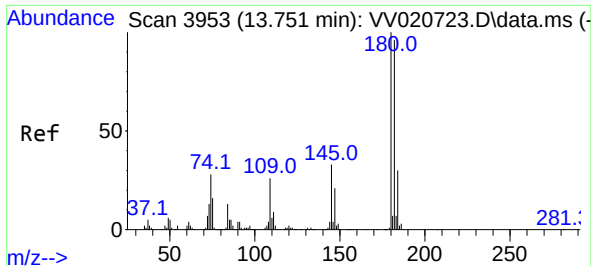


#68
1,2,4-trichlorobenzene
Concen: 64.91 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020734.D
Acq: 24 Mar 2021 14:06



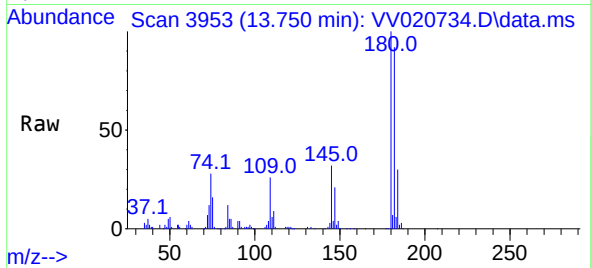
Tgt Ion:180 Resp: 475763
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 30.6 23.9 35.9





#70
 1,2,3-Trichlorobenzene
 Concen: 15.53 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.000 min
 Lab File: VV020734.D
 Acq: 24 Mar 2021 14:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G10



Tgt Ion:180 Resp: 113999

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.2	112.8
145	32.2	25.5	38.3

Manual Integrations
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