

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020732.D
 Acq On : 24 Mar 2021 13:19
 Operator : SY/MD
 Sample : M1783-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G11

Manual Integrations
 APPROVED

SAM
 3/25/2021 7:40:13 PM

Quant Time: Mar 25 03:13:06 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	665524	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	649569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	341116	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	203490	43.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.14%		
7) Chloroethane-d5	1.568	69	160466	44.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.84%		
11) 1,1-Dichloroethene-d2	2.108	63	305478	34.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.54%		
21) 2-Butanone-d5	3.889	46	289563	94.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.20%		
24) Chloroform-d	4.352	84	425139	45.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.54%		
26) 1,2-Dichloroethane-d4	5.037	65	293084	47.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.76%		
32) Benzene-d6	5.053	84	807271	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.26%		
36) 1,2-Dichloropropane-d6	6.076	67	244750	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.08%		
41) Toluene-d8	7.320	98	726240	45.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.12%		
43) trans-1,3-Dichloroprop...	7.625	79	120931	42.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.52%		
47) 2-Hexanone-d5	8.092	63	210058	94.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.25%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	338586	43.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.46%		
64) 1,2-Dichlorobenzene-d4	11.632	152	323091m	48.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.60%		
Target Compounds						Qvalue
13) Acetone	2.179	43	24244	11.06	ug/L	99
33) Benzene	5.108	78	57389	3.20	ug/L	100
51) Chlorobenzene	8.886	112	1059298	81.03	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	126939	12.19	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	1212251	111.97	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	3382839	329.75	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	813404	118.89	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	391988	57.21	ug/L	99

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

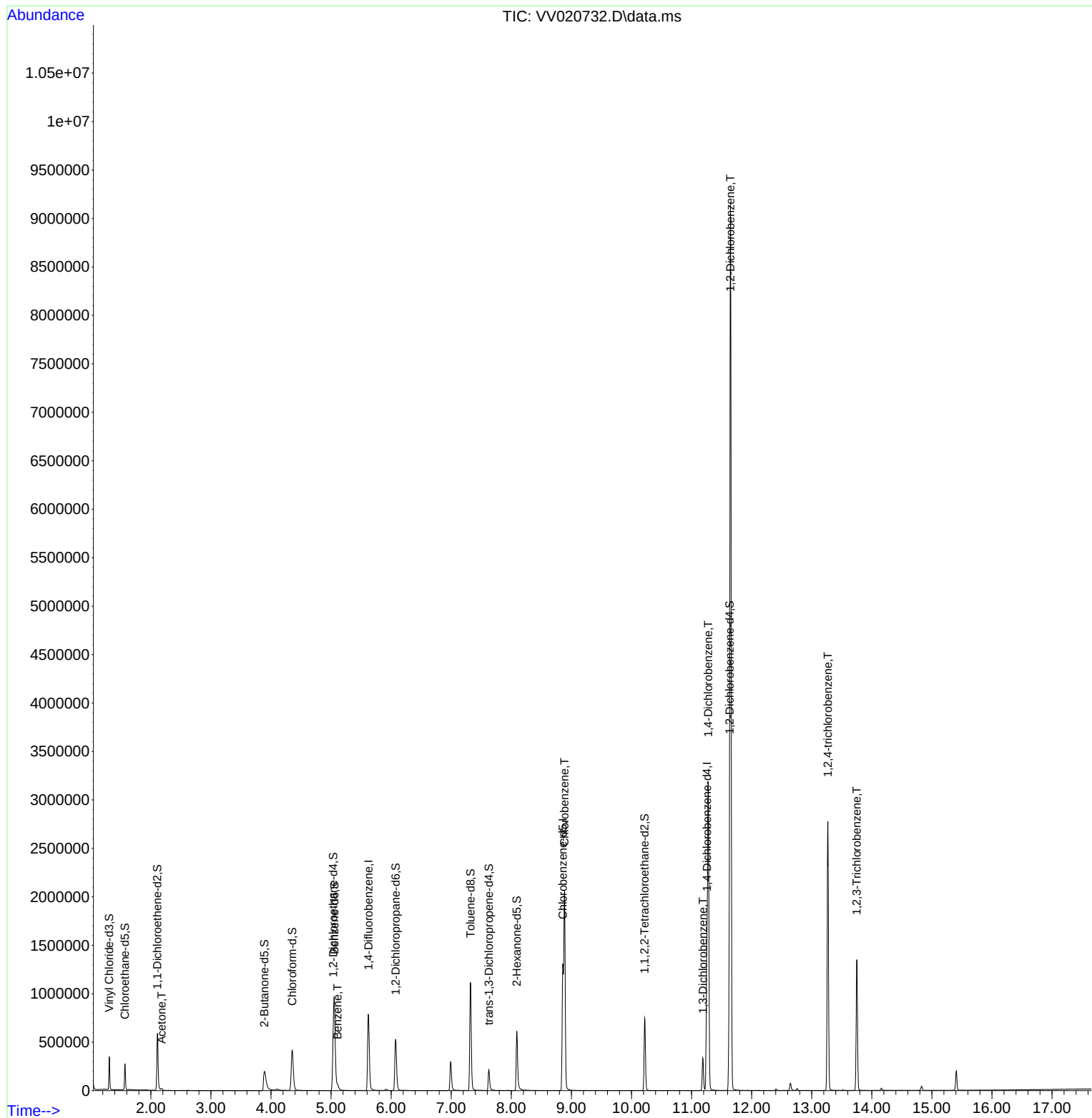
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032421\
Data File : VV020732.D
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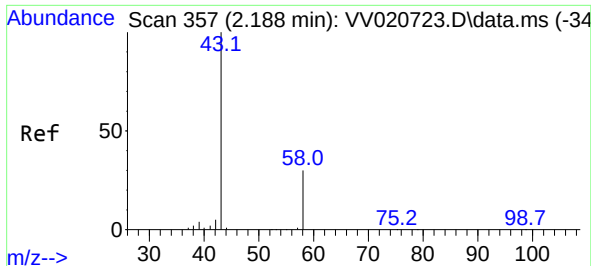
Instrument :
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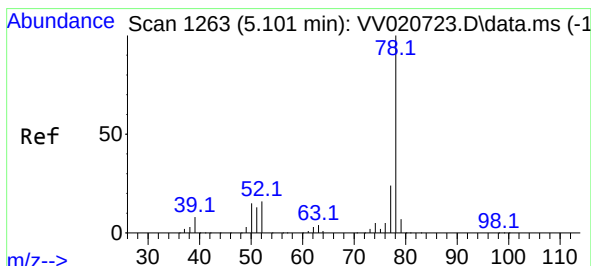
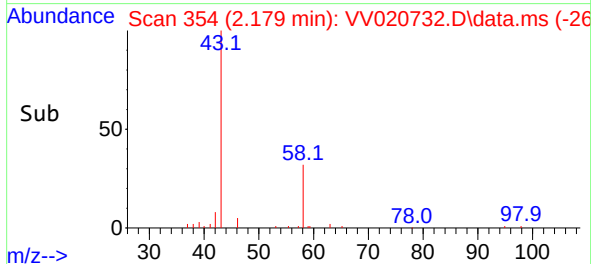
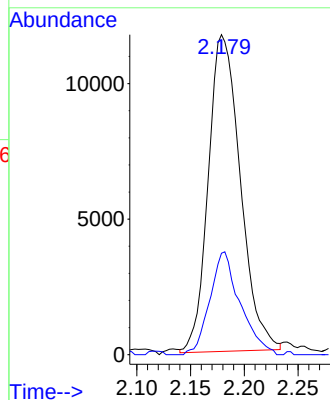
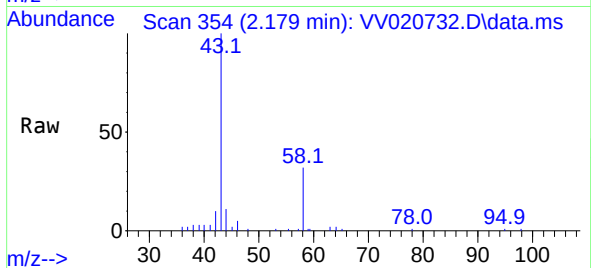
#13
Acetone
Concen: 11.06 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.010 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19

Tgt Ion: 43 Resp: 24244
Ion Ratio Lower Upper
43 100
58 30.7 0.0 60.8

Instrument :
MSVOA_V
ClientSampled :
C0G11

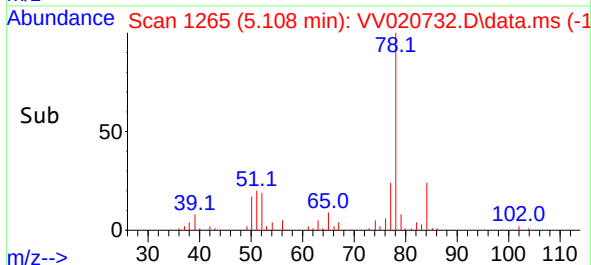
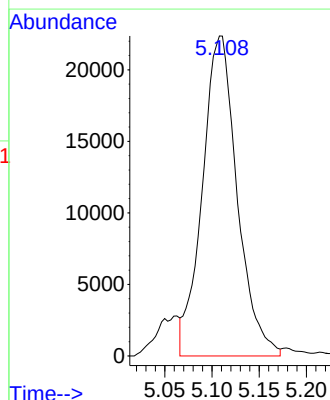
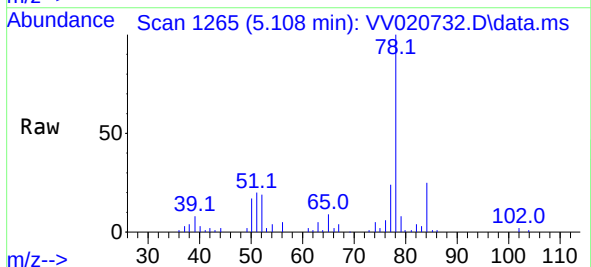
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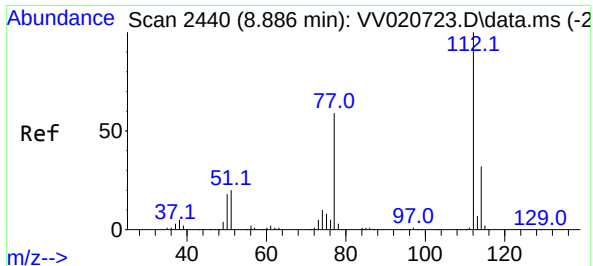
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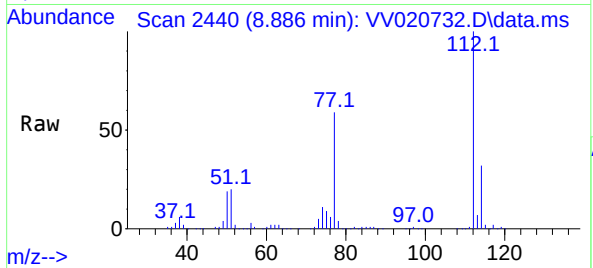
#33
Benzene
Concen: 3.20 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19

Tgt Ion: 78 Resp: 57389

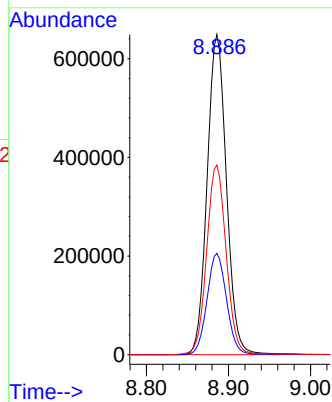
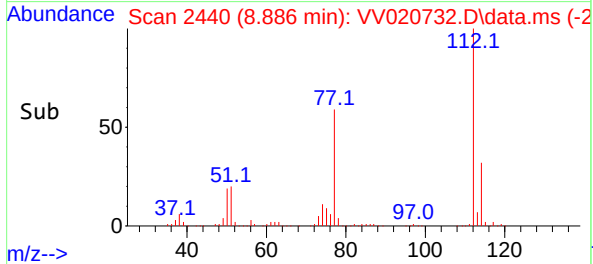




#51
Chlorobenzene
Concen: 81.03 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19



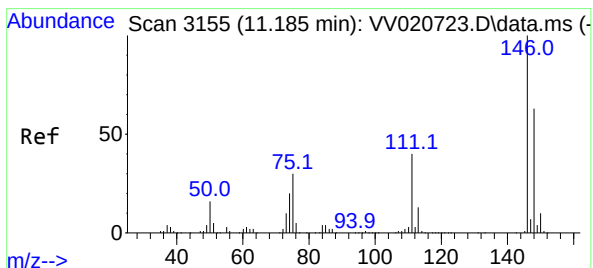
Tgt Ion:112 Resp: 1059298
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 59.2 46.7 70.1



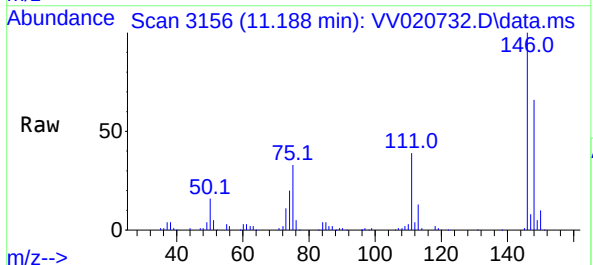
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ClientSampled :
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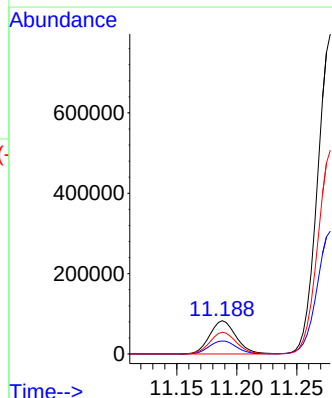
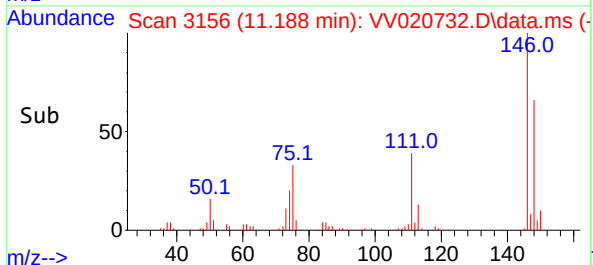
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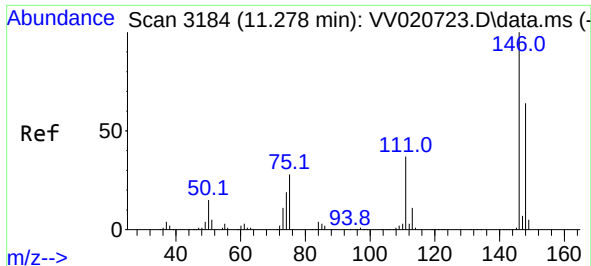


#62
1,3-Dichlorobenzene
Concen: 12.19 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19



Tgt Ion:146 Resp: 126939
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 65.5 44.9 83.5





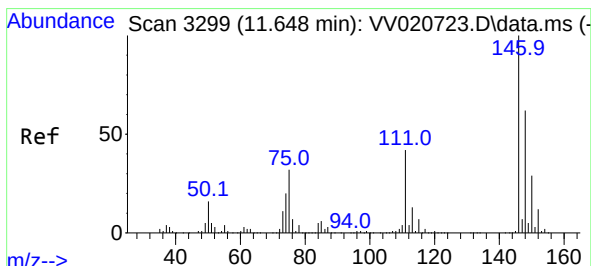
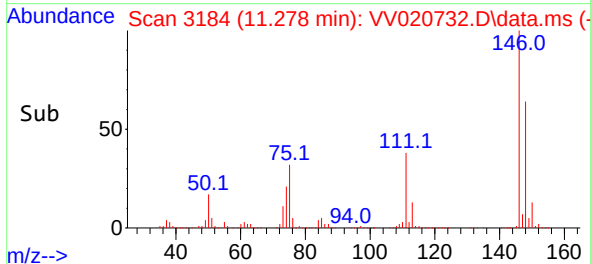
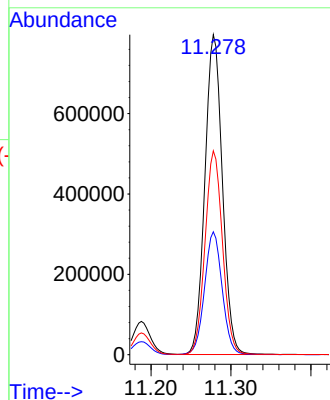
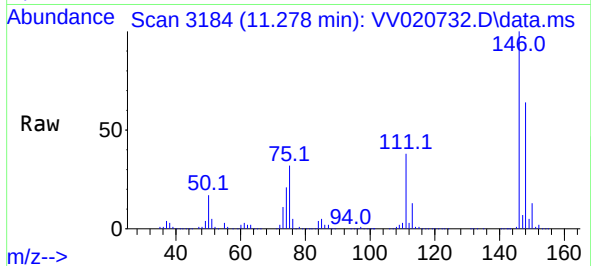
#63
1,4-Dichlorobenzene
Concen: 111.97 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19

Tgt Ion:146 Resp: 1212251
Ion Ratio Lower Upper
146 100
111 38.4 26.0 48.4
148 63.7 44.1 81.9

Instrument :
MSVOA_V
ClientSampled :
C0G11

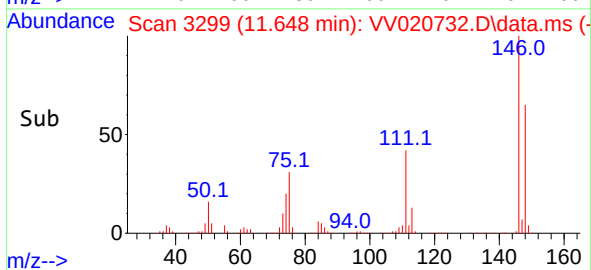
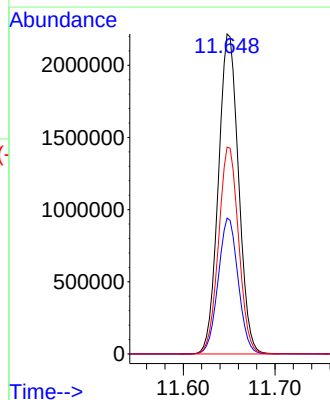
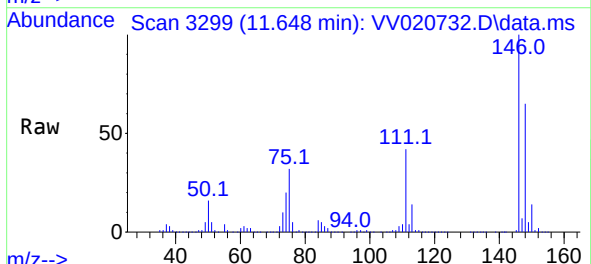
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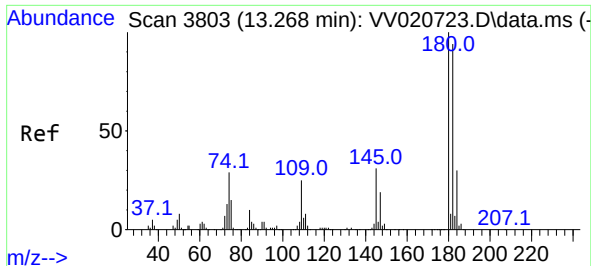
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#65
1,2-Dichlorobenzene
Concen: 329.75 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19

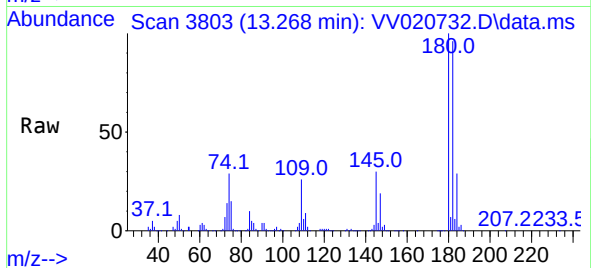
Tgt Ion:146 Resp: 3382839
Ion Ratio Lower Upper
146 100
111 42.5 34.1 51.1
148 64.6 51.4 77.0





#68
1,2,4-trichlorobenzene
Concen: 118.89 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19

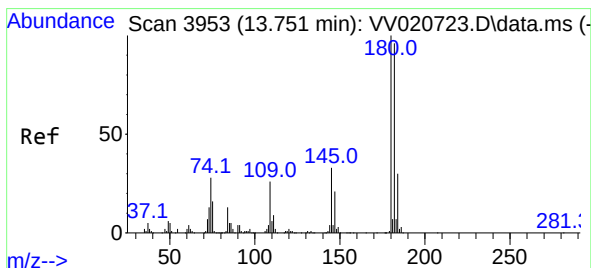
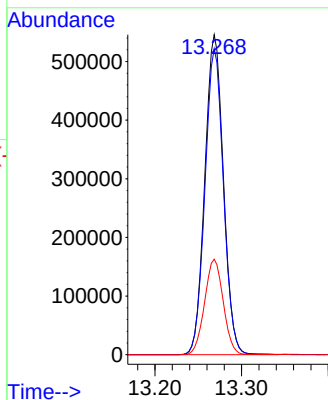
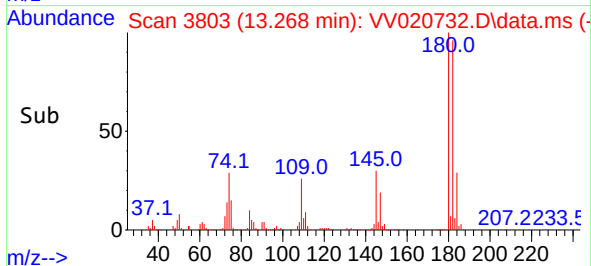
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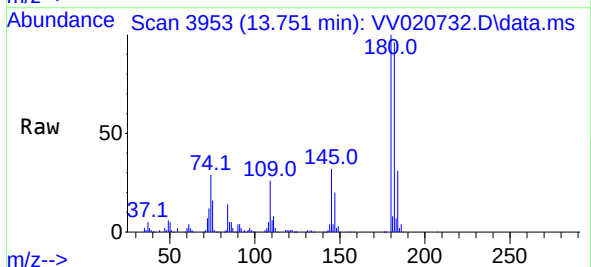
Tgt Ion:180 Resp: 813404
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
145 29.9 23.9 35.9

Manual Integrations
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#70
1,2,3-Trichlorobenzene
Concen: 57.21 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020732.D
Acq: 24 Mar 2021 13:19



Tgt Ion:180 Resp: 391988
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 31.7 25.5 38.3

