

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035139.D
 Acq On : 18 Apr 2023 21:52
 Operator : JC/MD
 Sample : 02397-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/19/2023
 Supervised By :Mahesh Dadoda 04/19/2023

Quant Time: Apr 19 01:37:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	500357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	440242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224202	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	169613	52.572	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	105.140%	
7) Chloroethane-d5	1.672	69	126402	54.220	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	108.440%	
11) 1,1-Dichloroethene-d2	2.306	65	82188	53.240	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	106.480%	
21) 2-Butanone-d5	4.459	46	241663	112.401	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.400%	
24) Chloroform-d	5.062	84	325613	53.592	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.180%	
26) 1,2-Dichloroethane-d4	5.952	65	215164	55.147	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.300%	
32) Benzene-d6	5.970	84	700694	55.406	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.820%	
36) 1,2-Dichloropropane-d6	7.306	67	212784	55.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	110.160%	
41) Toluene-d8	8.647	98	632666	54.739	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.480%	
43) trans-1,3-Dichloroprop...	8.952	79	85995	50.938	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.880%	
47) 2-Hexanone-d5	9.384	63	176416	113.722	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	113.720%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	260701	55.105	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	110.220%	
66) 1,2-Dichlorobenzene-d4	12.323	152	236396m	54.409	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.820%	

Target Compounds						Qvalue
35) Methylcyclohexane	7.379	83	18195	3.810	ug/L	# 80
51) Chlorobenzene	10.079	112	1763313	193.497	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1329930	191.276	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	5518554	775.653	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	11228307	1592.672	ug/L	# 79
70) 1,2,4-trichlorobenzene	13.603	180	11342708m	2818.151	ug/L	
72) 1,2,3-Trichlorobenzene	13.963	180	2337444	588.274	ug/L	98

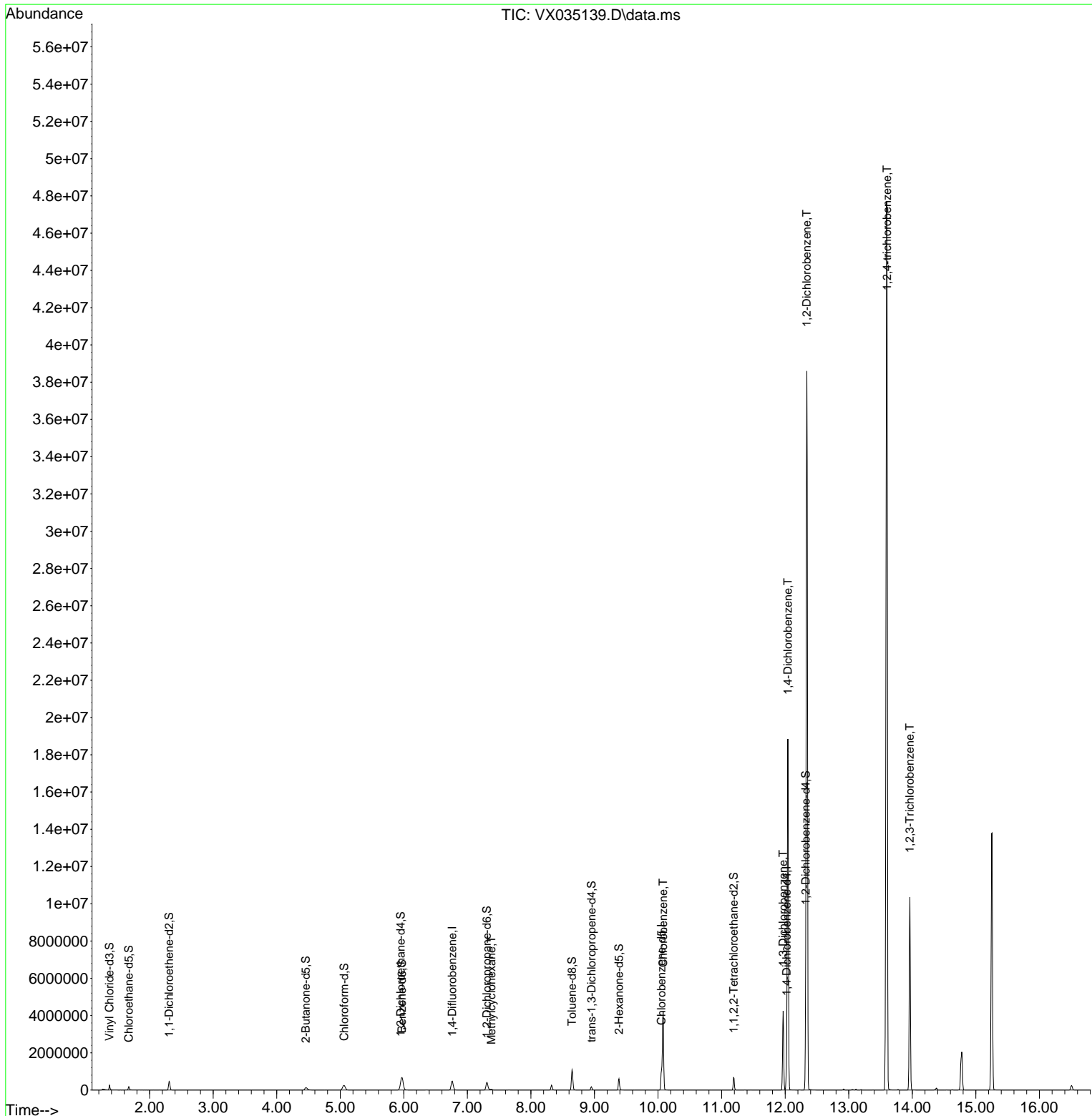
(#) = qualifier out of range (m) = manual integration (+) = signals summed

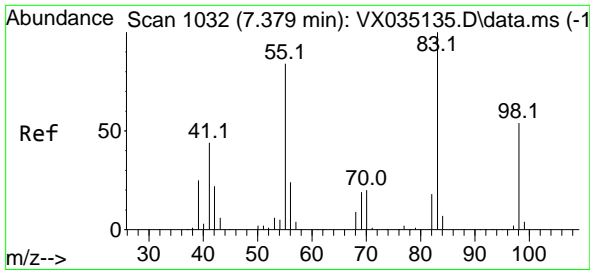
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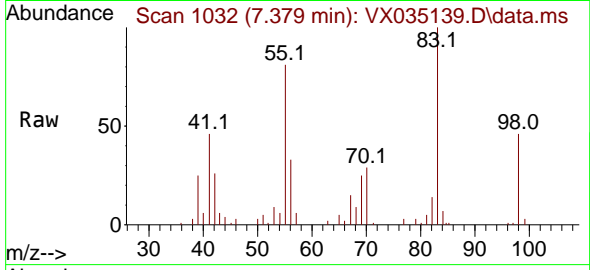
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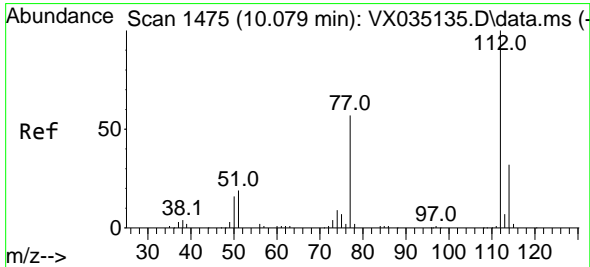
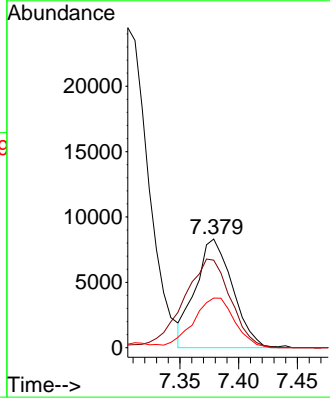
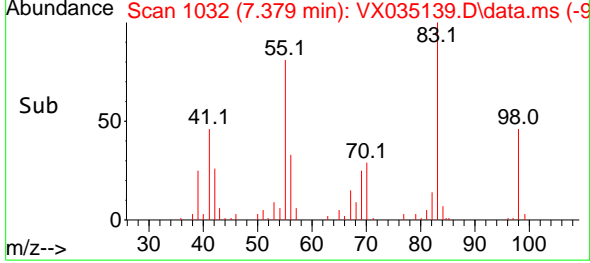
#35
 Methylcyclohexane
 Concen: 3.810 ug/L
 RT: 7.379 min Scan# 1032
 Delta R.T. 0.000 min
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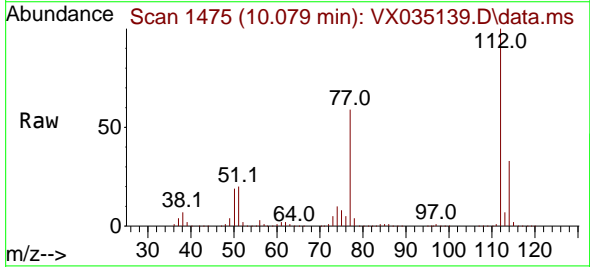


Tgt Ion: 83 Resp: 1819
 Ion Ratio Lower Upper
 83 100
 55 104.8 62.2 93.2
 98 50.7 39.3 58.9

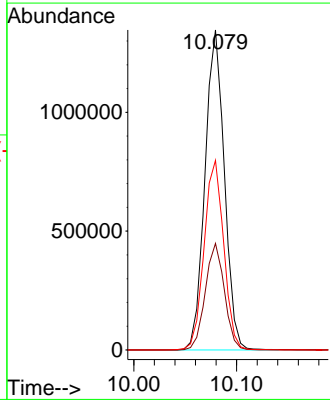
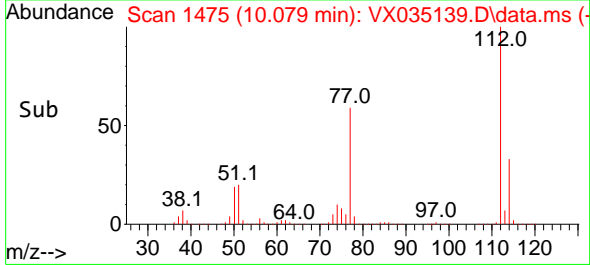
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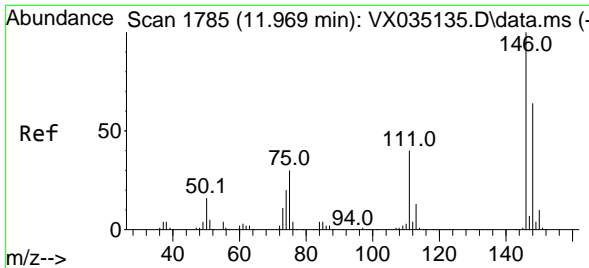


#51
 Chlorobenzene
 Concen: 193.497 ug/L
 RT: 10.079 min Scan# 1475
 Delta R.T. 0.000 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52



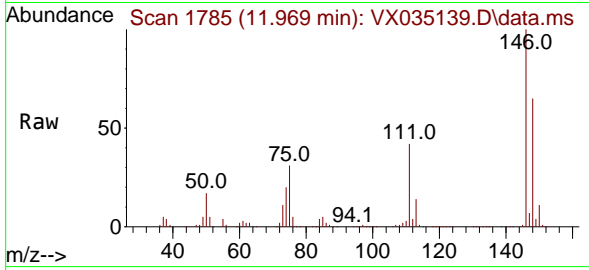
Tgt Ion:112 Resp: 1763313
 Ion Ratio Lower Upper
 112 100
 114 33.3 22.4 41.6
 77 59.2 47.0 70.6





#64
 1,3-Dichlorobenzene
 Concen: 191.276 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52

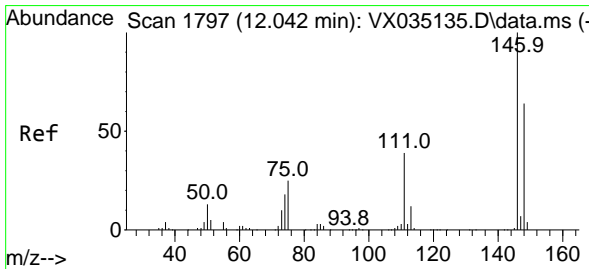
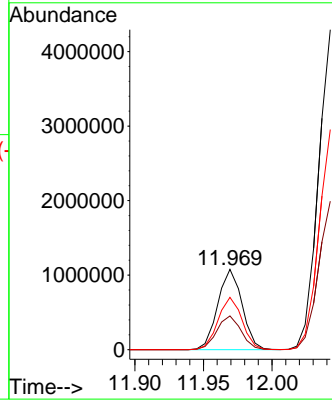
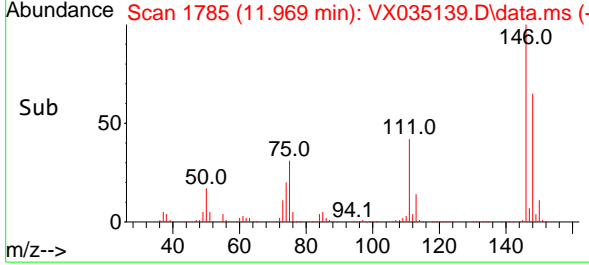
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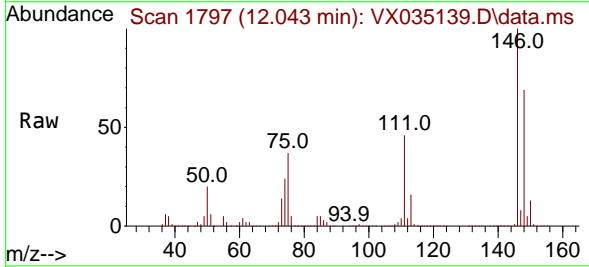
Tgt Ion:146 Resp: 1329930
 Ion Ratio Lower Upper
 146 100
 111 42.0 28.9 53.7
 148 65.2 44.3 82.3

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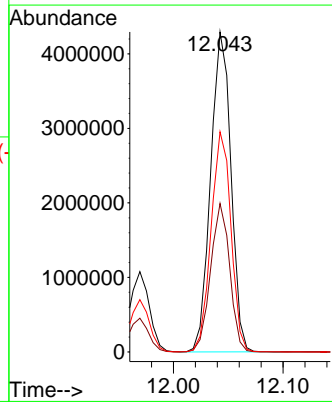
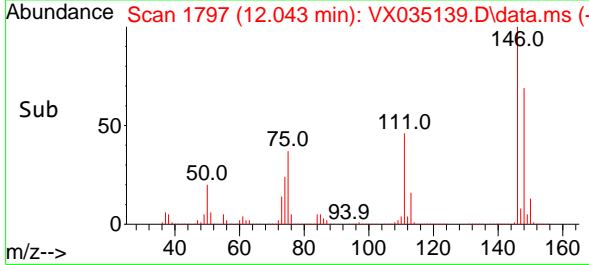
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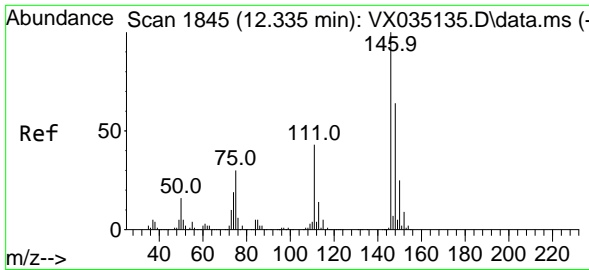


#65
 1,4-Dichlorobenzene
 Concen: 775.653 ug/L
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52



Tgt Ion:146 Resp: 5518554
 Ion Ratio Lower Upper
 146 100
 111 46.4 27.9 51.7
 148 68.8 45.9 85.3





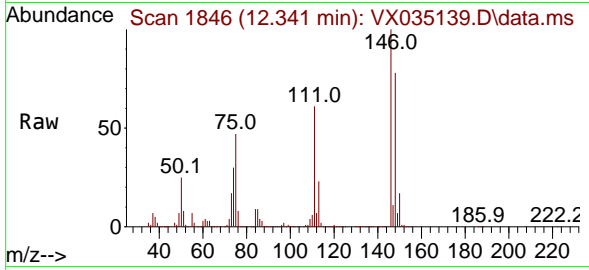
#67
 1,2-Dichlorobenzene
 Concen: 1592.672 ug/L
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52

Instrument :

MSVOA_X

ClientSampleId :

COML5



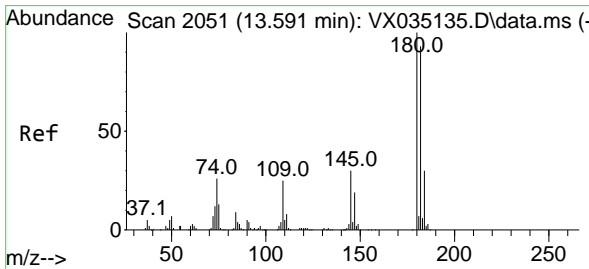
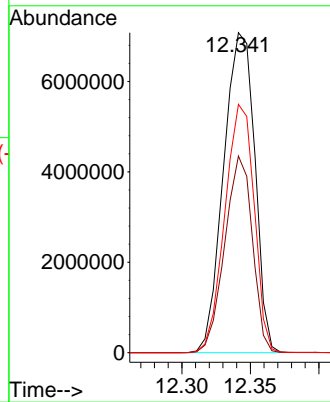
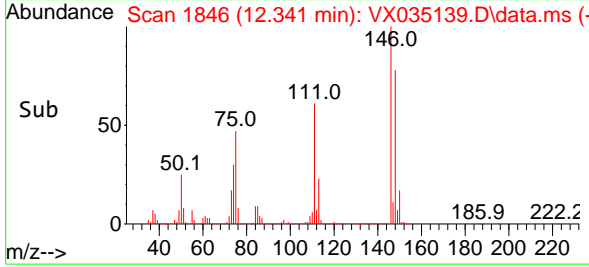
Tgt Ion:146 Resp:1122830
 Ion Ratio Lower Upper
 146 100
 111 61.5 34.7 52.1#
 148 77.6 52.1 78.1#

Manual Integrations

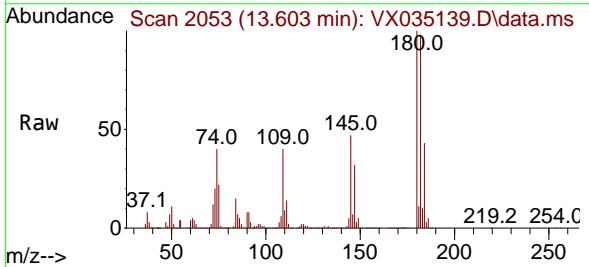
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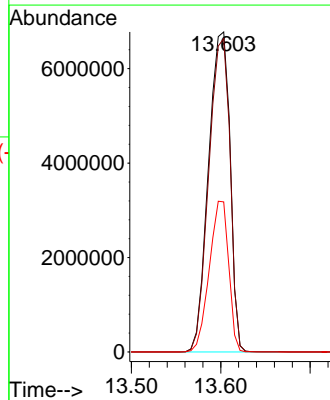
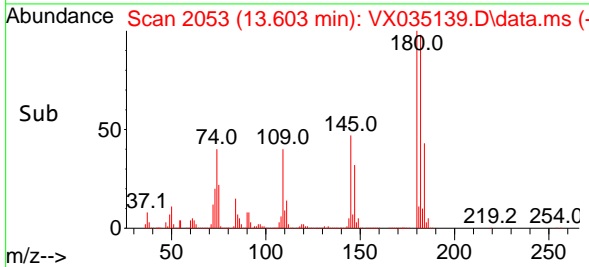
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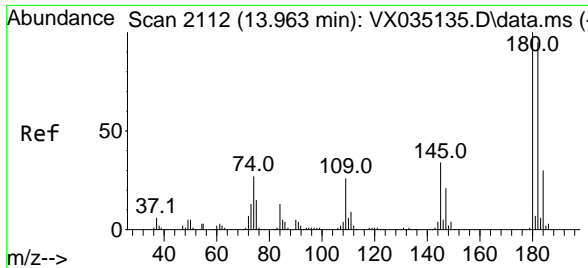


#70
 1,2,4-trichlorobenzene
 Concen: 2818.151 ug/L m
 RT: 13.603 min Scan# 2053
 Delta R.T. 0.012 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52



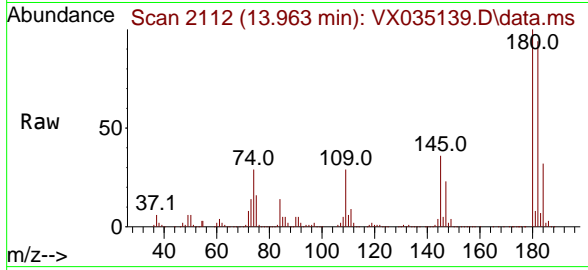
Tgt Ion:180 Resp:11342708
 Ion Ratio Lower Upper
 180 100
 182 17.4 76.6 114.8#
 145 6.6 26.2 39.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 588.274 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52

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Tgt Ion:180 Resp: 233744
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.0 112.6
 145 35.5 27.1 40.7

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