

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035429.D
 Acq On : 26 Apr 2024 16:04
 Operator : SY/MD
 Sample : P2269-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RQ2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
 Supervised By :Semsettin Yesilyurt 04/29/2024

Quant Time: Apr 27 00:35:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	534152	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	531157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	259084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178526	41.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.180%		
7) Chloroethane-d5	1.532	69	144424	58.720	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	117.440%		
11) 1,1-Dichloroethene-d2	2.056	65	74738	42.598	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.200%		
21) 2-Butanone-d5	3.799	46	200412	91.093	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.090%		
24) Chloroform-d	4.246	84	305780	42.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.660%		
26) 1,2-Dichloroethane-d4	4.937	65	192674	45.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.600%		
32) Benzene-d6	4.957	84	635714	45.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	5.986	67	198799	46.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.320%		
41) Toluene-d8	7.240	98	549050	43.641	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.280%		
43) trans-1,3-Dichloroprop...	7.551	79	85488	42.433	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.860%		
47) 2-Hexanone-d5	8.027	63	114581	92.290	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.290%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	275133	44.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.640%		
66) 1,2-Dichlorobenzene-d4	11.558	152	223031m	49.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.400%		
Target Compounds						Qvalue
33) Benzene	5.005	78	604425	42.526	ug/L	100
51) Chlorobenzene	8.809	112	3642045	346.781	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	158814	20.625	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	1383060	171.246	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	1704678	218.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	187499	43.293	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	36348	8.613	ug/L	99

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

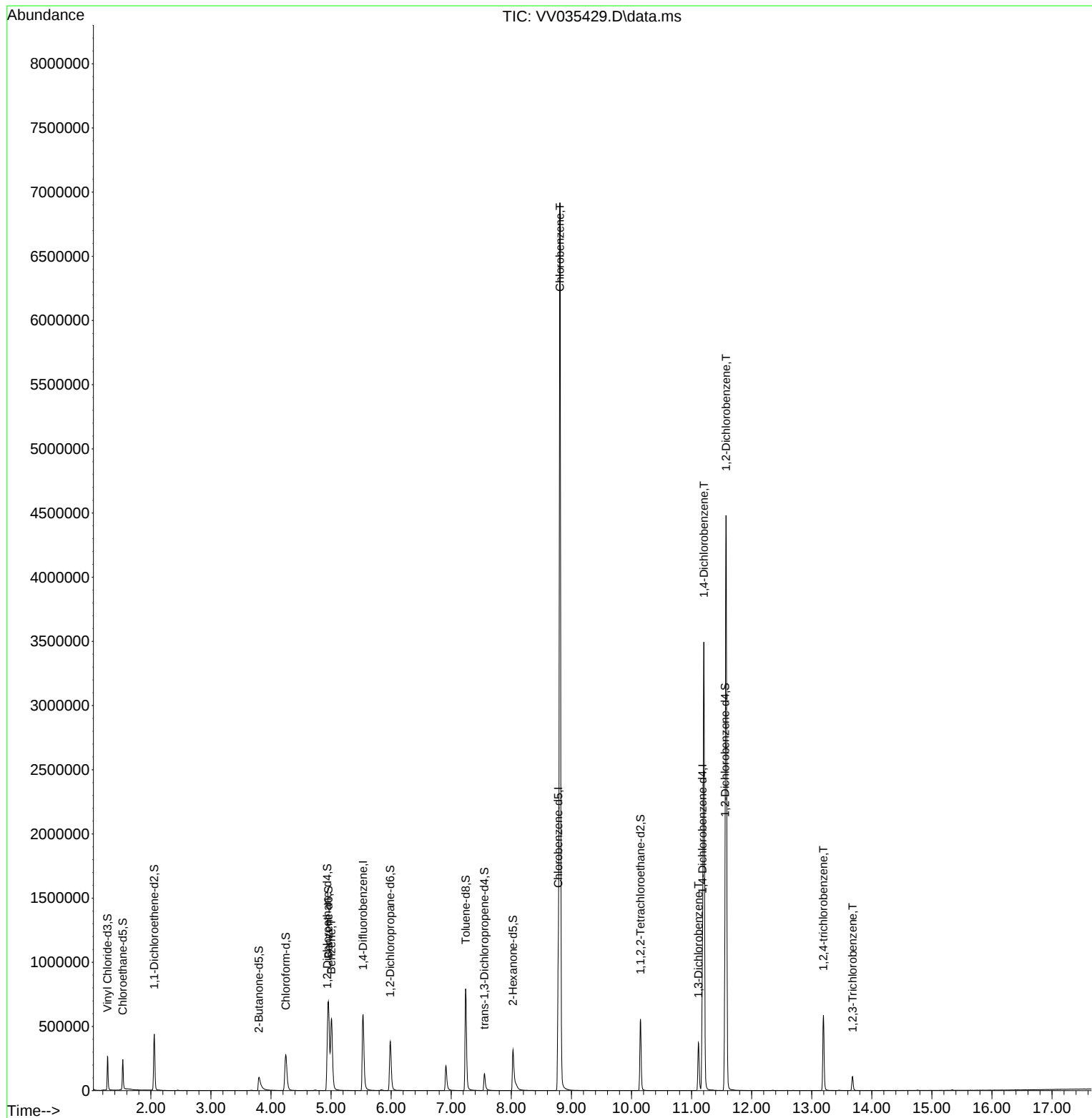
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035429.D
Acq On : 26 Apr 2024 16:04
Operator : SY/MD
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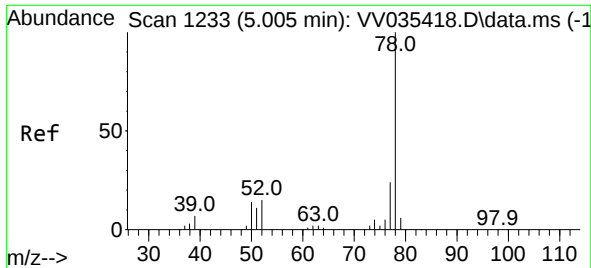
Instrument :
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Quant Title : VOC Analysis
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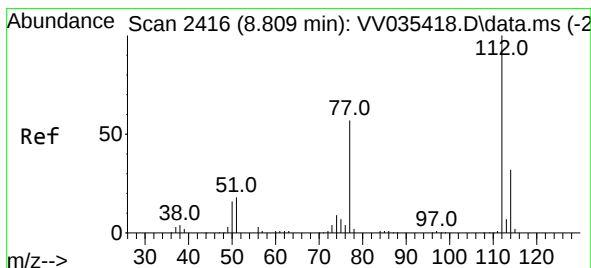
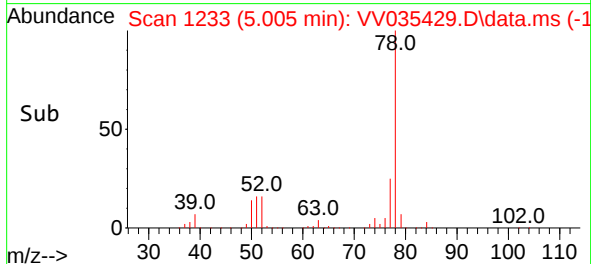
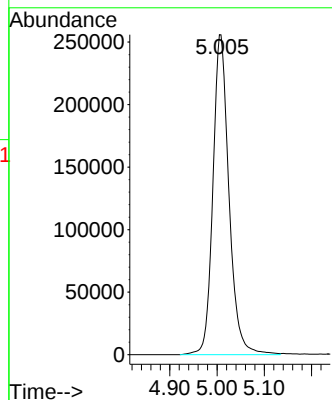
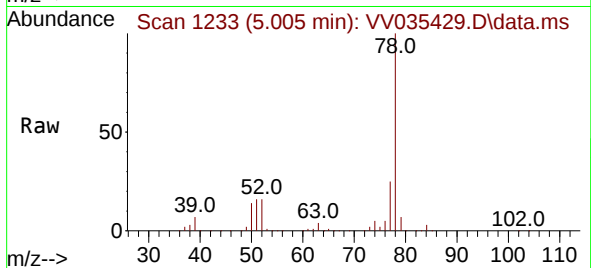
#33
Benzene
Concen: 42.526 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04

Instrument :
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ClientSampleId :
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Tgt Ion: 78 Resp: 604425

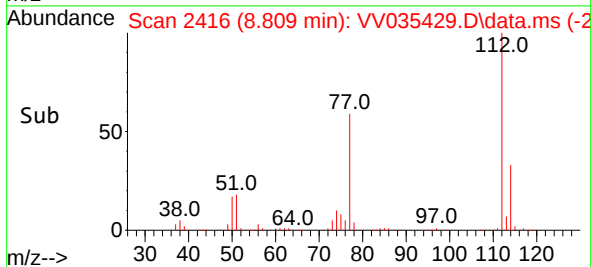
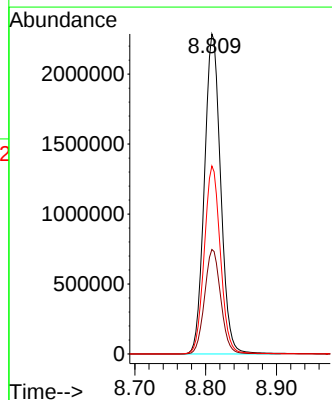
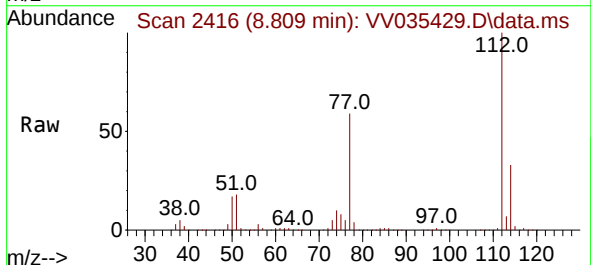
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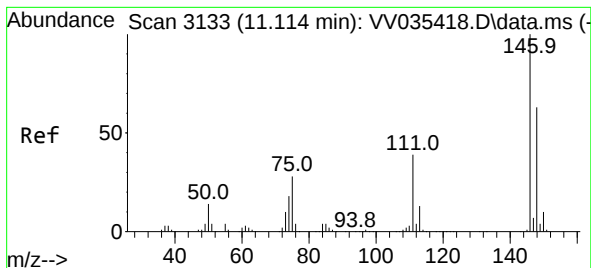
Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024



#51
Chlorobenzene
Concen: 346.781 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04

Tgt Ion:112 Resp: 3642045
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 58.7 45.6 68.4





#64

1,3-Dichlorobenzene

Concen: 20.625 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035429.D

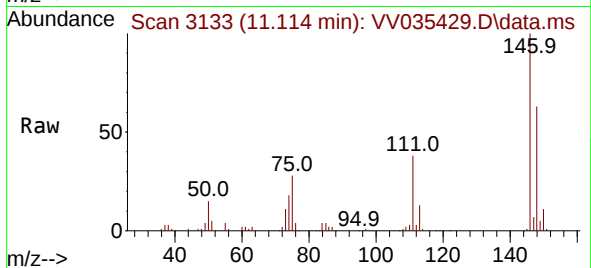
Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

C0RQ2



Tgt Ion:146 Resp: 158814

Ion Ratio Lower Upper

146 100

111 38.0 27.0 50.2

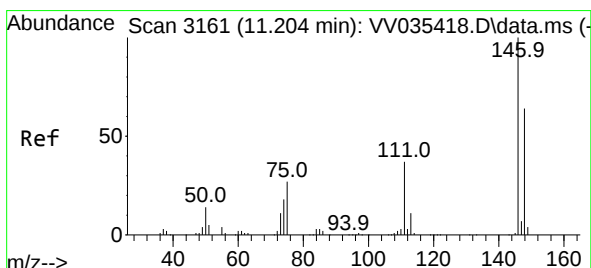
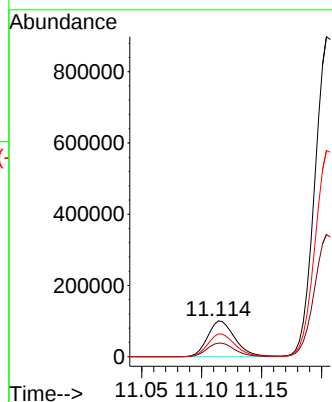
148 63.3 44.2 82.2

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#65

1,4-Dichlorobenzene

Concen: 171.246 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035429.D

Acq: 26 Apr 2024 16:04

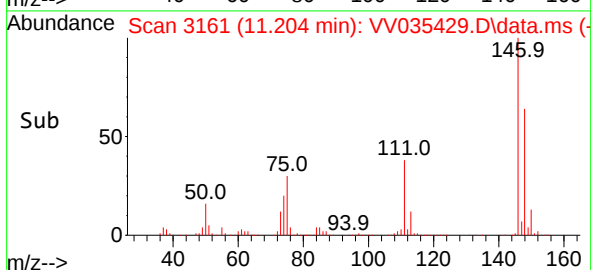
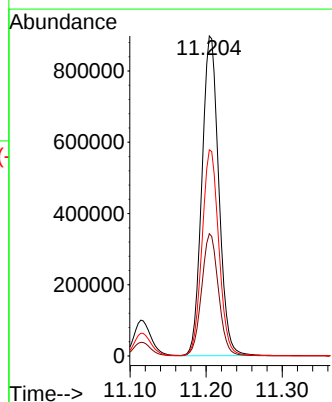
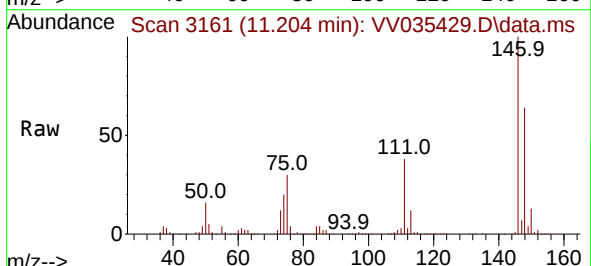
Tgt Ion:146 Resp: 1383060

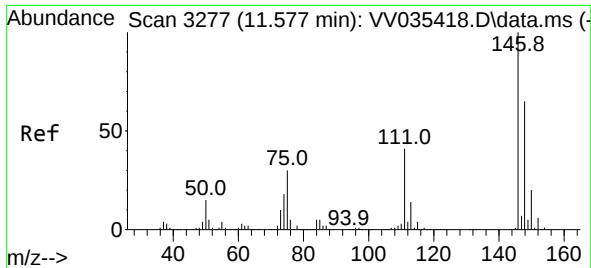
Ion Ratio Lower Upper

146 100

111 38.2 26.5 49.1

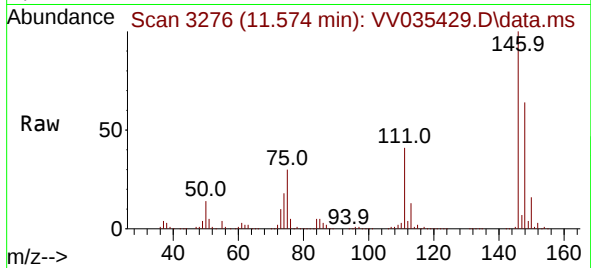
148 64.4 45.0 83.6





#67
1,2-Dichlorobenzene
Concen: 218.508 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04

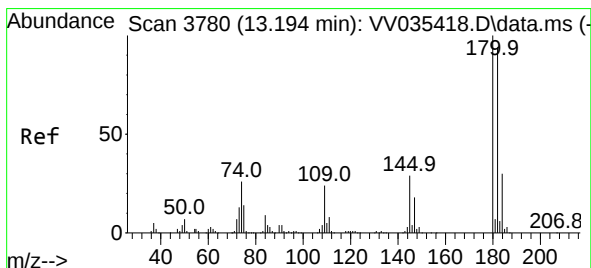
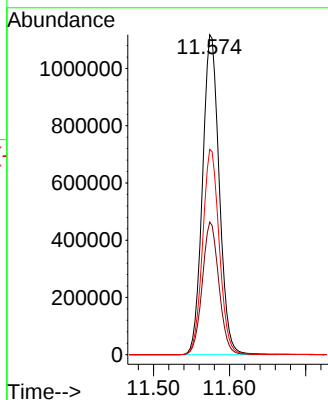
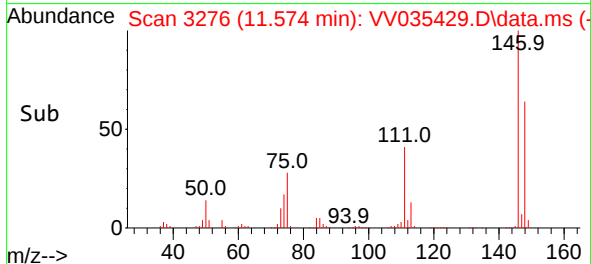
Instrument :
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ClientSampleId :
C0RQ2



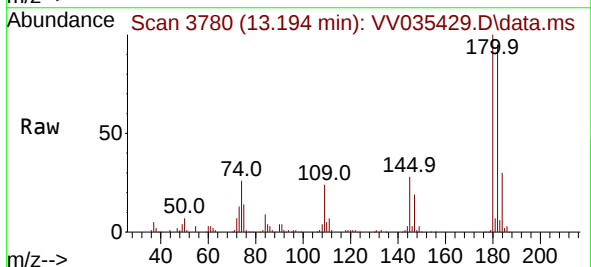
Tgt Ion:146 Resp: 1704678
Ion Ratio Lower Upper
146 100
111 41.5 33.3 49.9
148 64.2 52.2 78.2

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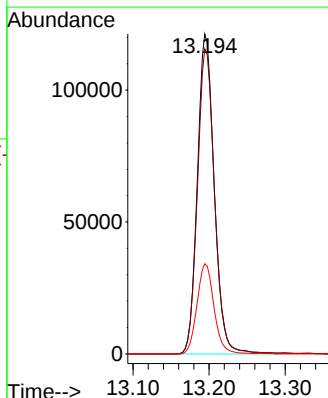
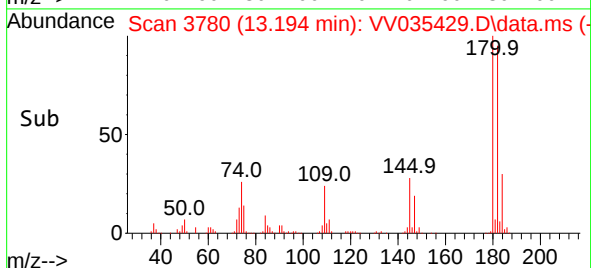
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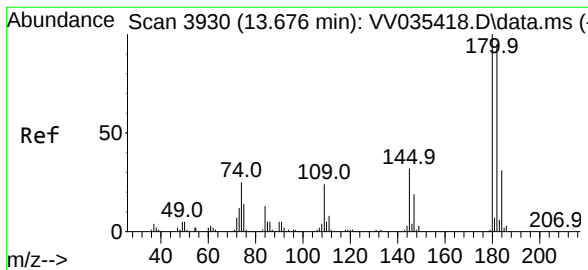


#70
1,2,4-trichlorobenzene
Concen: 43.293 ug/L
RT: 13.194 min Scan# 3780
Delta R.T. 0.000 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04



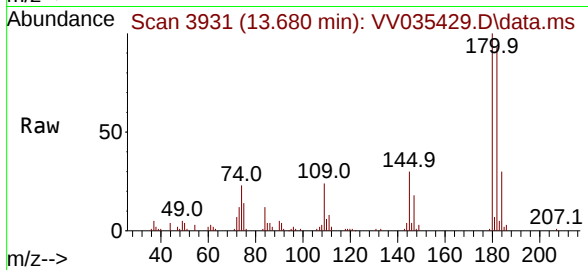
Tgt Ion:180 Resp: 187499
Ion Ratio Lower Upper
180 100
182 96.2 75.1 112.7
145 28.4 23.2 34.8





#72
 1,2,3-Trichlorobenzene
 Concen: 8.613 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV035429.D
 Acq: 26 Apr 2024 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RQ2



Tgt Ion:180 Resp: 36348
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 115.0
 145 30.3 24.7 37.1

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