

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035429.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 :

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)

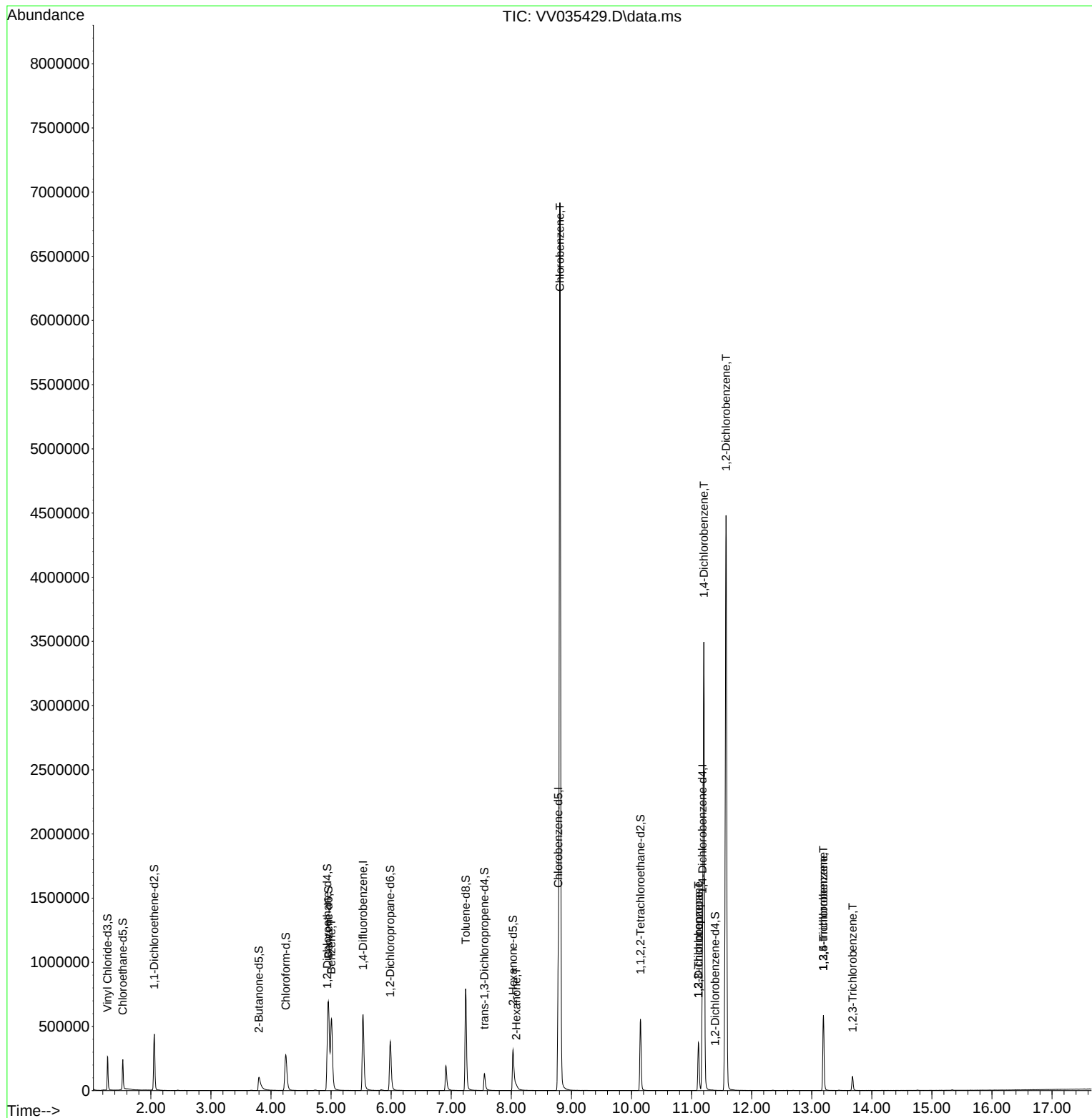
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	534152	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	531157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	259084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178526	41.588	ug/L	0.00
Spiked Amount	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	11.391	152	49	0.011	ug/L	-0.17
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.020%#
Target Compounds						
					Qvalue	
33) Benzene	5.005	78	604425	42.526	ug/L	100
48) 2-Hexanone	8.085	43	25310	6.283	ug/L #	83
51) Chlorobenzene	8.809	112	3642045	346.781	ug/L	98
61) 1,2,3-Trichloropropane	11.114	75	44738	9.225	ug/L #	50
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
69) 1,3,5-Trichlorobenzene	13.194	180	187499	34.368	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

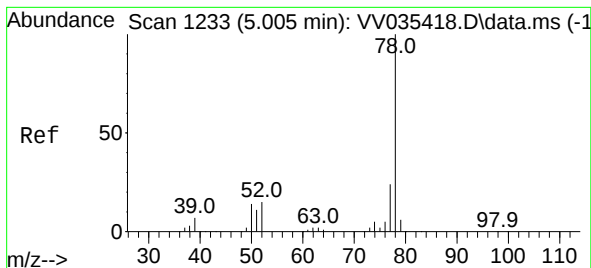
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035429.D
Acq On : 26 Apr 2024 16:04
Operator : SY/MD
Sample : P2269-05 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

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





#33

Benzene

Concen: 42.526 ug/L

RT: 5.005 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV035429.D

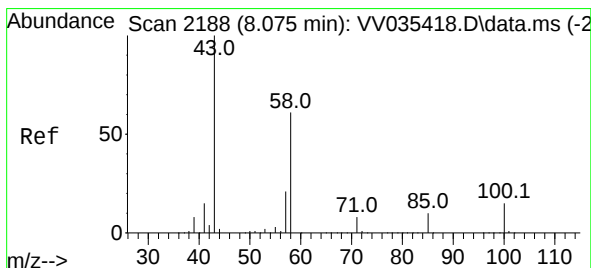
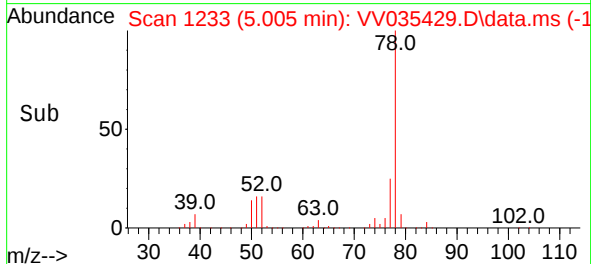
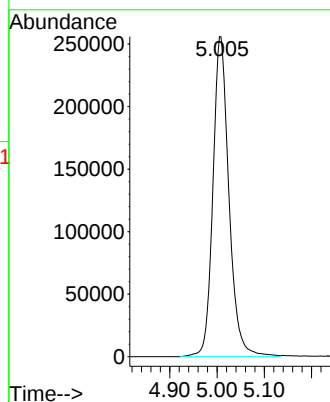
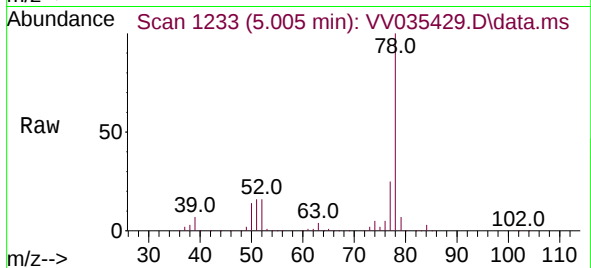
Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 604425



#48

2-Hexanone

Concen: 6.283 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.010 min

Lab File: VV035429.D

Acq: 26 Apr 2024 16:04

Tgt Ion: 43 Resp: 25310

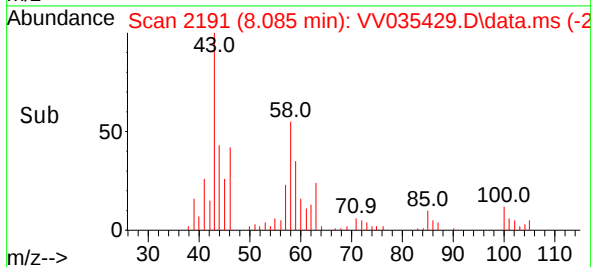
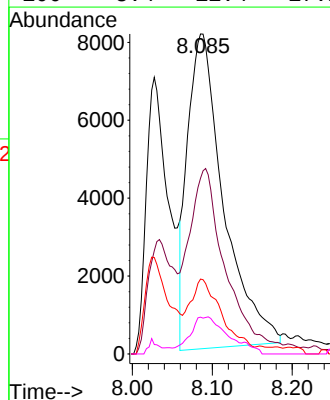
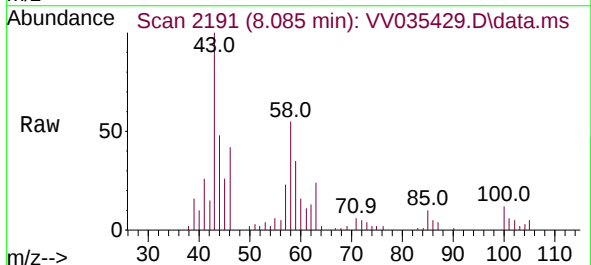
Ion Ratio Lower Upper

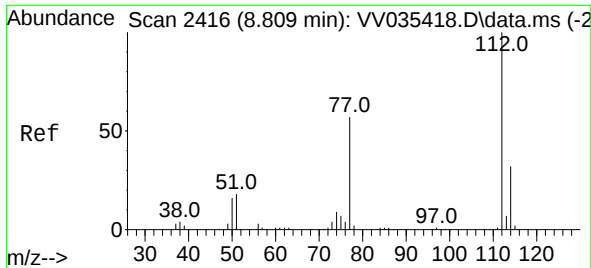
43 100

58 49.6 49.4 74.0

57 15.3 17.1 25.7#

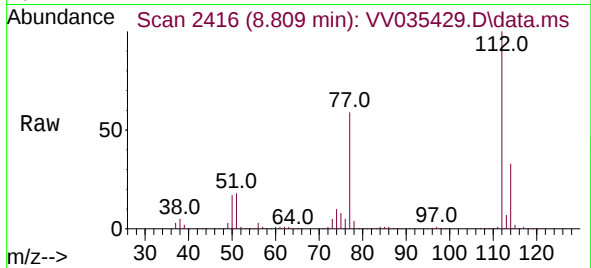
100 3.4 11.4 17.2#



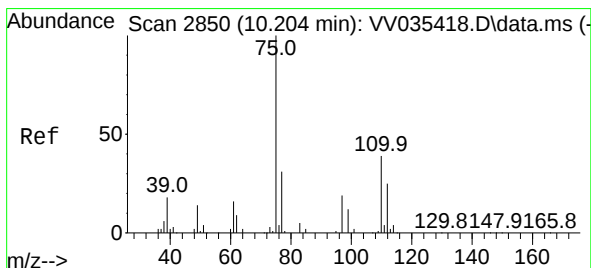
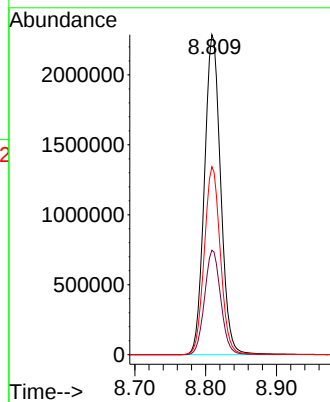
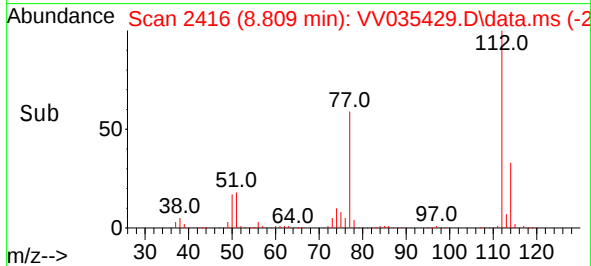


#51
Chlorobenzene
Concen: 346.781 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04

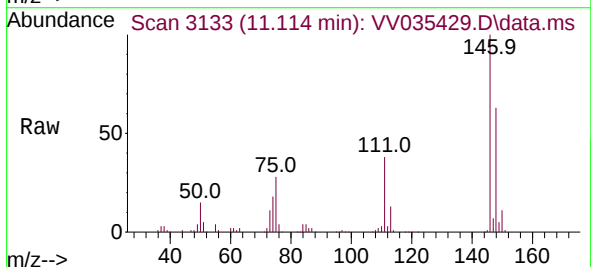
Instrument :
MSVOA_V
ClientSampleId :



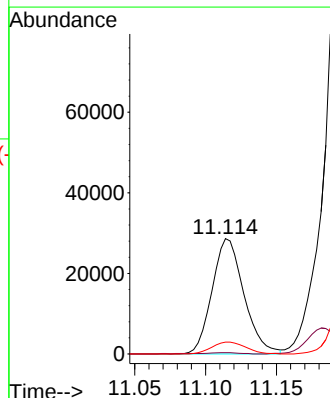
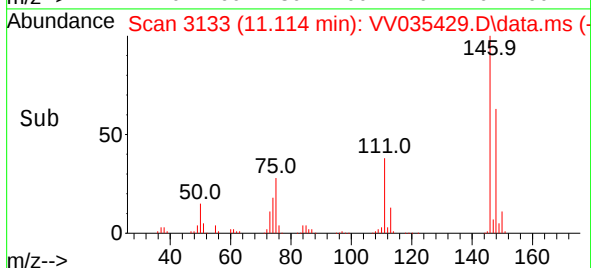
Tgt Ion:112 Resp: 3642045
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 58.7 45.6 68.4

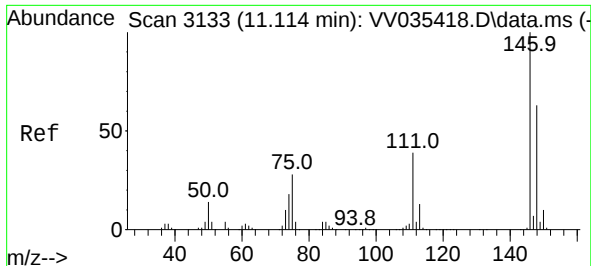


#61
1,2,3-Trichloropropane
Concen: 9.225 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.910 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04



Tgt Ion: 75 Resp: 44738
Ion Ratio Lower Upper
75 100
77 1.1 25.3 37.9#
110 11.0 31.2 46.8#

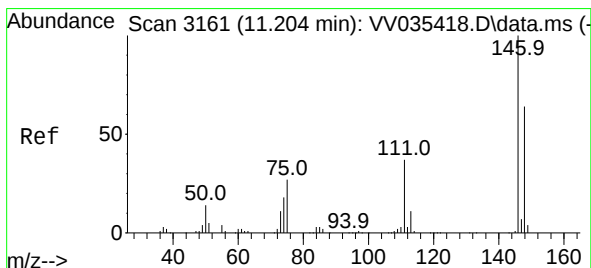
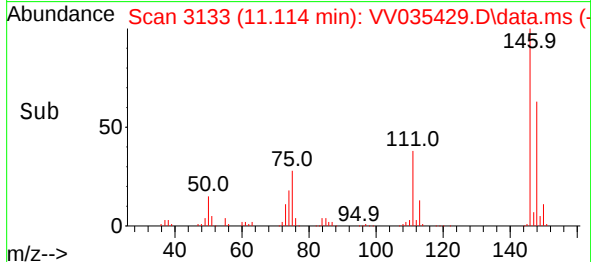
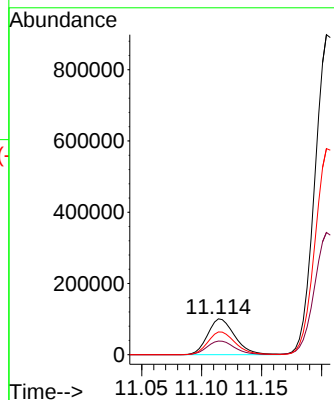
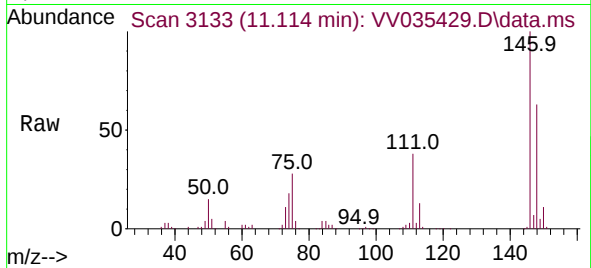




#64
1,3-Dichlorobenzene
Concen: 20.625 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035429.D
Acq: 26 Apr 2024 16:04

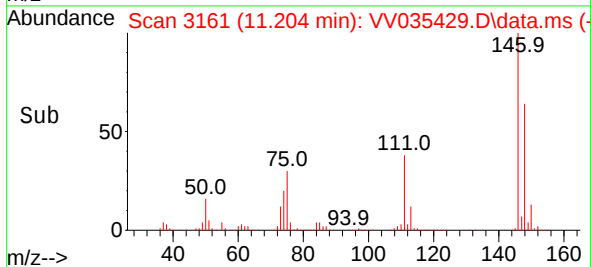
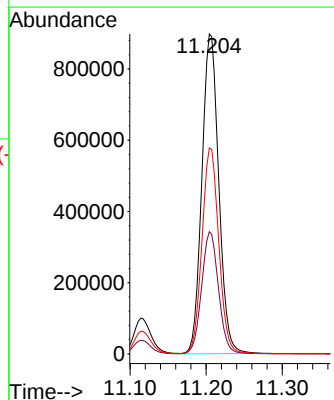
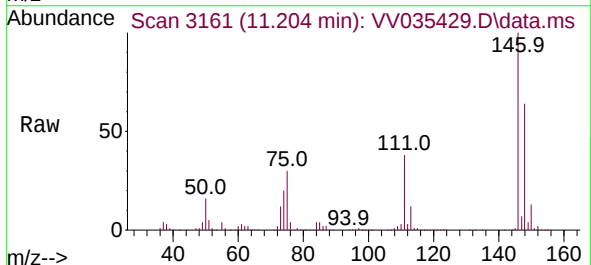
Instrument :
MSVOA_V
ClientSampleId :

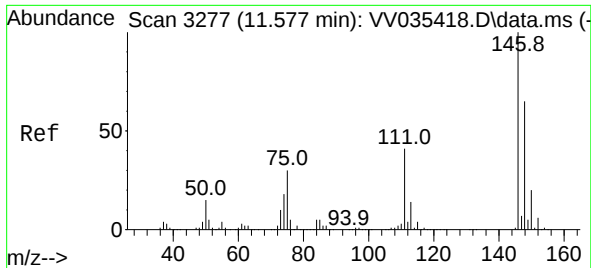
Tgt Ion:146 Resp: 158814
Ion Ratio Lower Upper
146 100
111 38.0 27.0 50.2
148 63.3 44.2 82.2



#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 :

MSVOA_V

ClientSampleId :

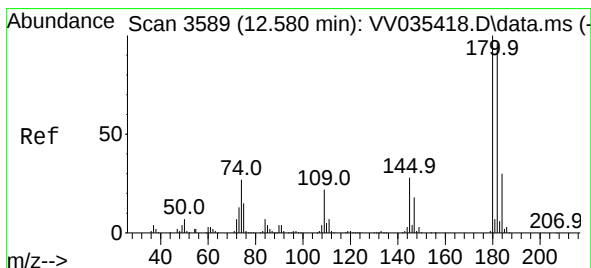
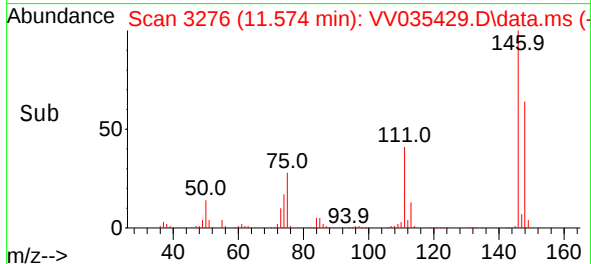
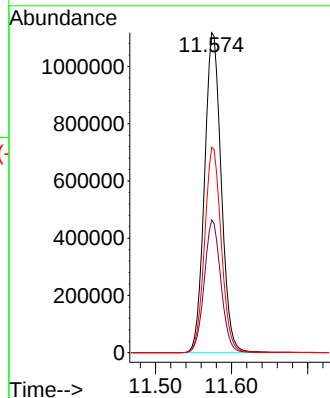
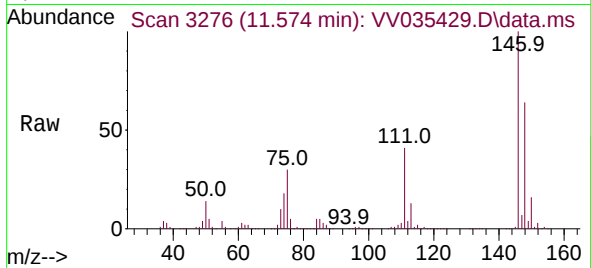
Tgt Ion:146 Resp: 1704678

Ion Ratio Lower Upper

146 100

111 41.5 33.3 49.9

148 64.2 52.2 78.2



#69

1,3,5-Trichlorobenzene

Concen: 34.368 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.614 min

Lab File: VV035429.D

Acq: 26 Apr 2024 16:04

Tgt Ion:180 Resp: 187499

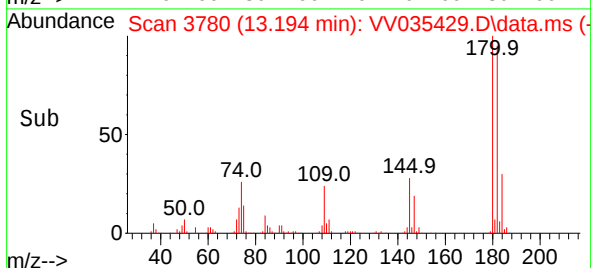
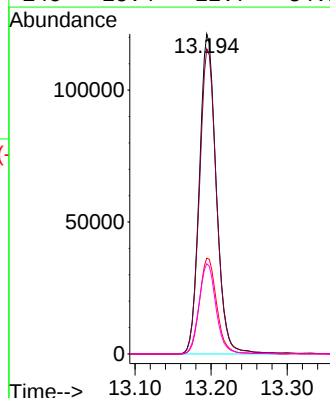
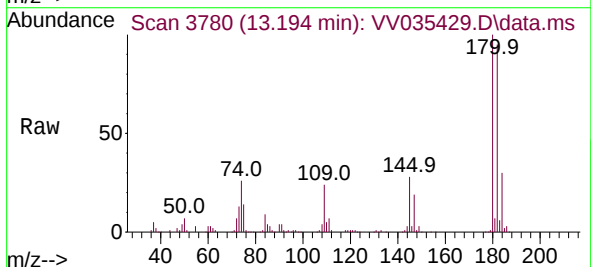
Ion Ratio Lower Upper

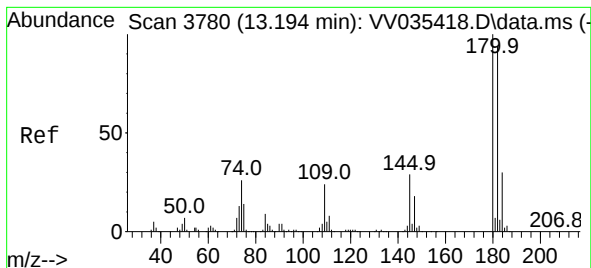
180 100

182 96.2 76.2 114.2

184 30.4 23.8 35.6

145 28.4 22.7 34.1





#70

1,2,4-trichlorobenzene

Concen: 43.293 ug/L

RT: 13.194 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035429.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

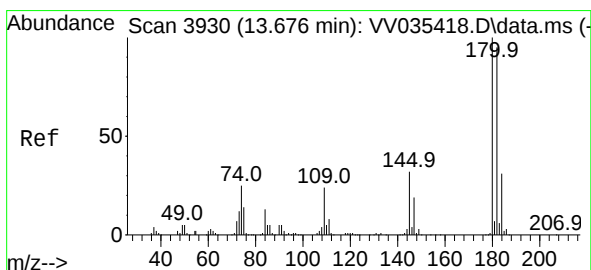
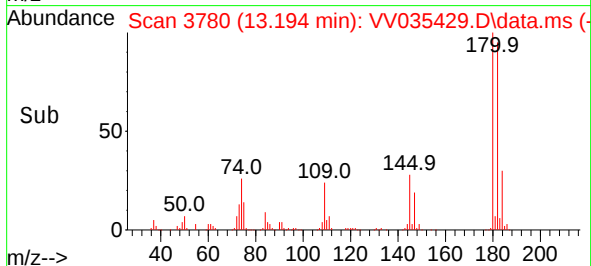
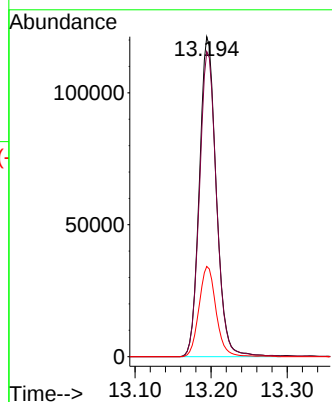
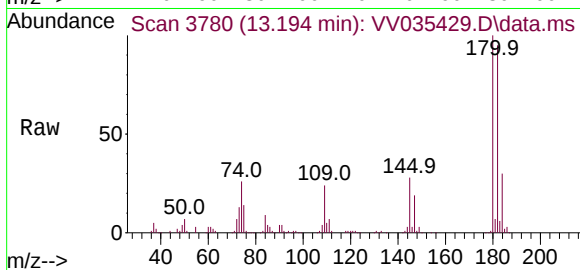
Tgt Ion:180 Resp: 187499

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

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

