

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052622\
 Data File : VW025959.D
 Acq On : 26 May 2022 15:35
 Operator : SY/MD
 Sample : N3039-07 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JR1

Quant Time: May 27 01:29:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 01:28:09 2022
 Response via : Initial Calibration

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

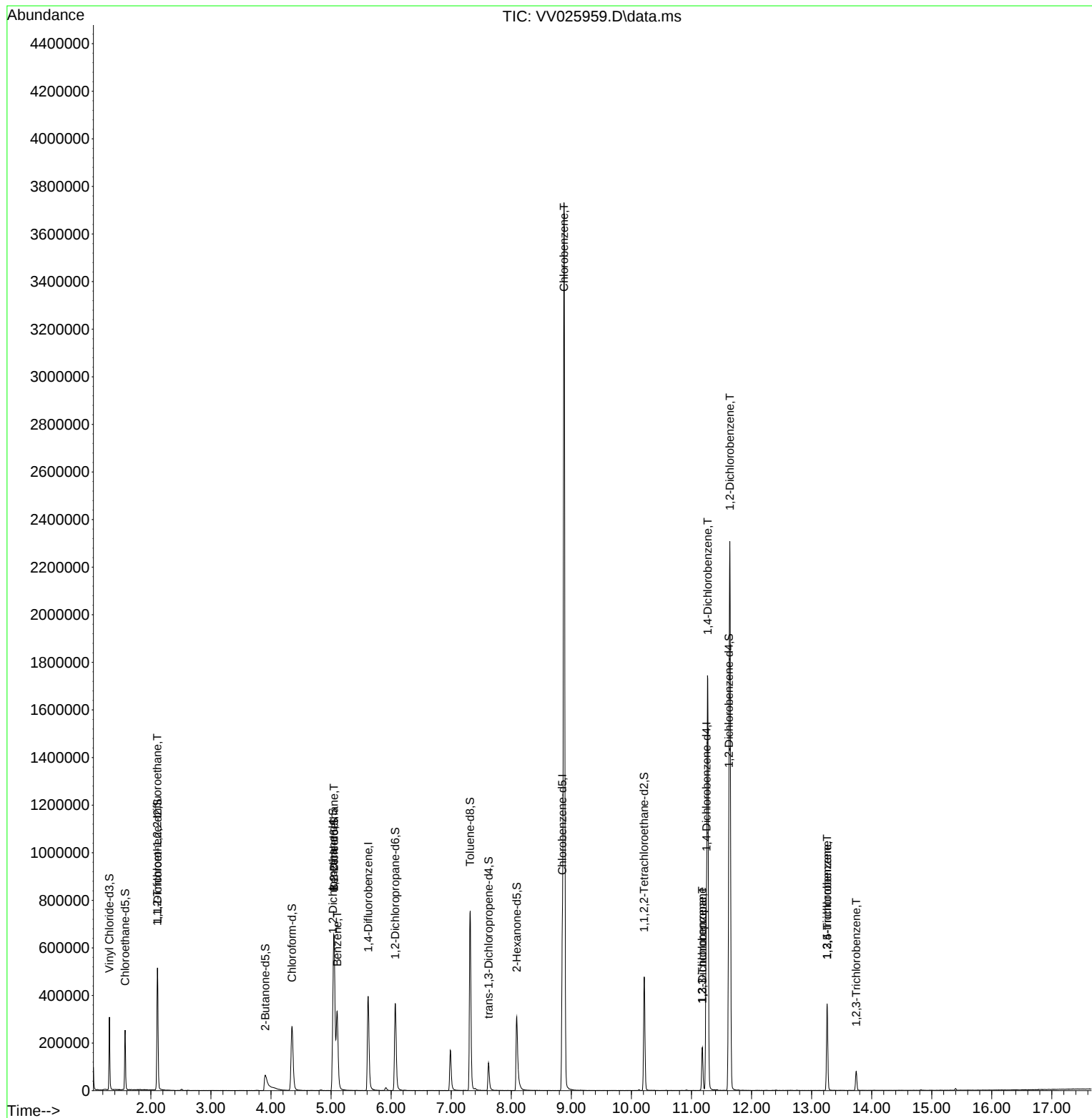
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	348580	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	349721	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	168217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	194984	43.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.680%
7) Chloroethane-d5	1.571	69	156888	39.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.420%
11) 1,1-Dichloroethene-d2	2.111	63	272286	34.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.220%
21) 2-Butanone-d5	3.905	46	142903	74.111	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.110%
24) Chloroform-d	4.349	84	282873	45.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	5.034	65	177082	46.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
32) Benzene-d6	5.050	84	584443	47.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	6.069	67	183455	48.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.980%
41) Toluene-d8	7.317	98	500732	44.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	7.622	79	68537	41.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.000%
47) 2-Hexanone-d5	8.091	63	121100	88.210	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.210%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	234382	46.936	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	194963	52.836	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.680%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2593	0.775	ug/L #	22
27) 1,2-Dichloroethane	5.050	62	3390	0.801	ug/L	97
33) Benzene	5.101	78	346248	29.404	ug/L	100
51) Chlorobenzene	8.879	112	1922773	237.698	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	21192	6.365	ug/L #	49
64) 1,3-Dichlorobenzene	11.181	146	72733	13.637	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	661912	118.422	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	836997	151.720	ug/L	100
69) 1,3,5-Trichlorobenzene	13.258	180	105072	28.532	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	105072	33.506	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	23880	7.473	ug/L	98

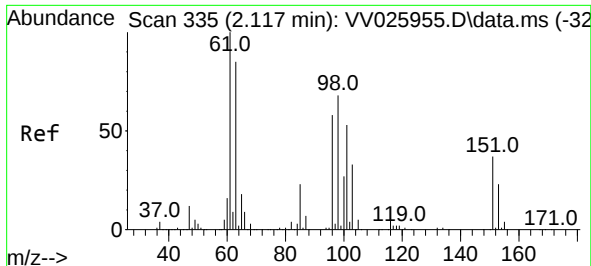
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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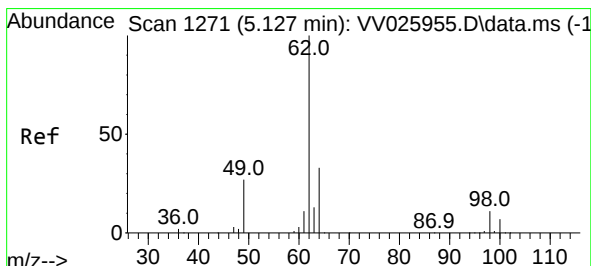
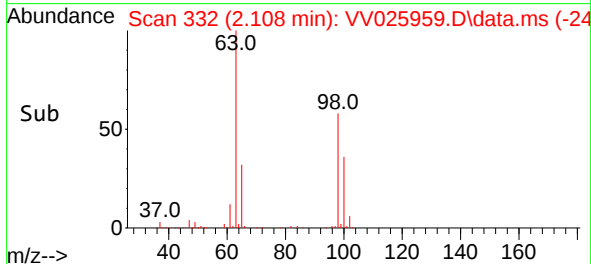
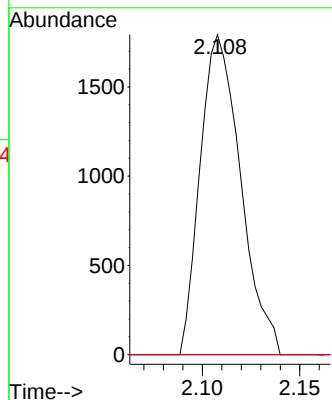
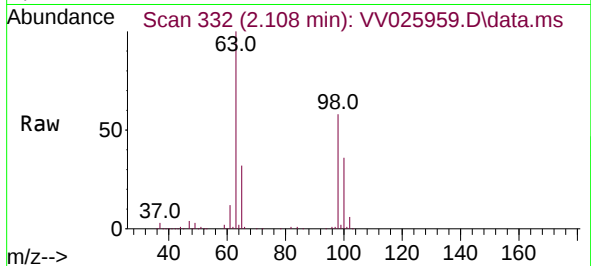




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.775 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VV025959.D
 Acq: 26 May 2022 15:35

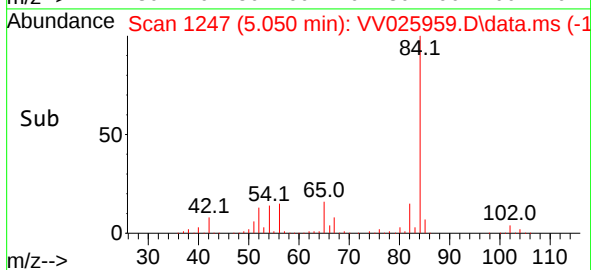
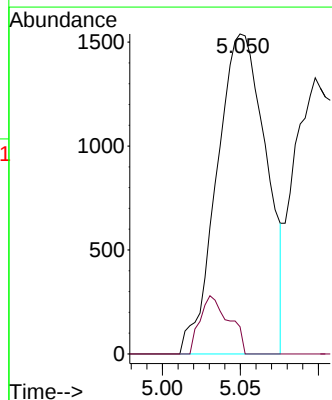
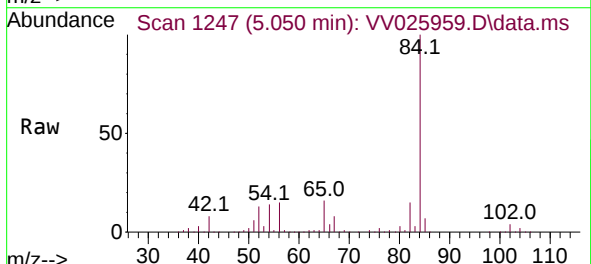
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JR1

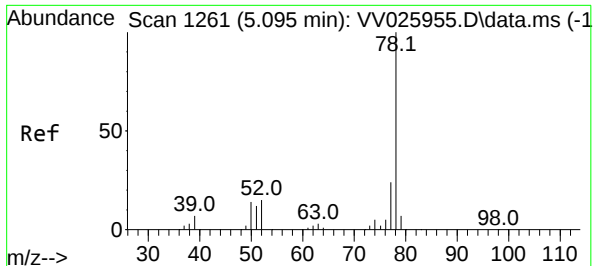
Tgt Ion:101 Resp: 2593
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 54.3 81.5#



#27
 1,2-Dichloroethane
 Concen: 0.801 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.077 min
 Lab File: VV025959.D
 Acq: 26 May 2022 15:35

Tgt Ion: 62 Resp: 3390
 Ion Ratio Lower Upper
 62 100
 98 8.5 7.7 11.5

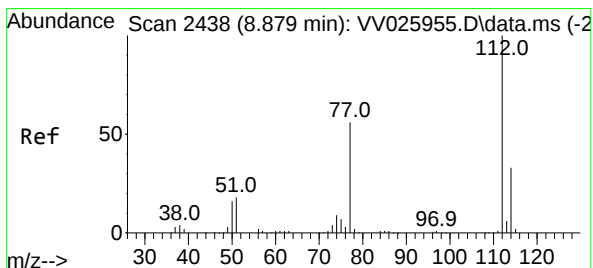
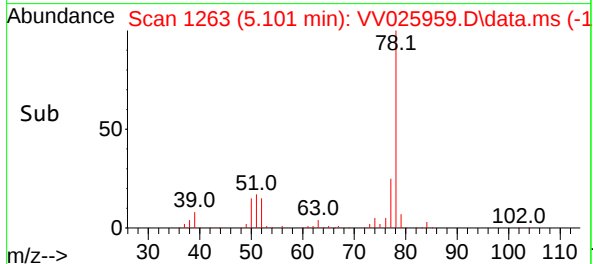
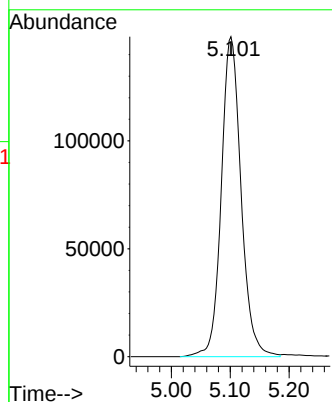
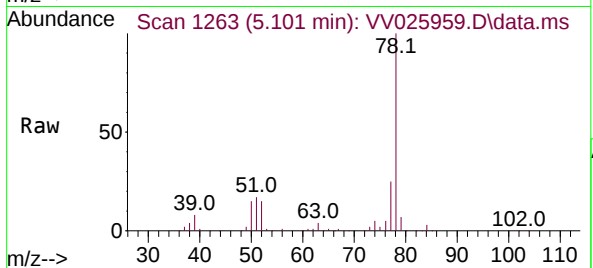




#33
Benzene
Concen: 29.404 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Instrument :
MSVOA_V
ClientSampleId :
C0JR1

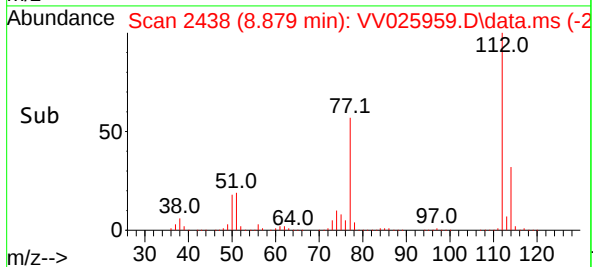
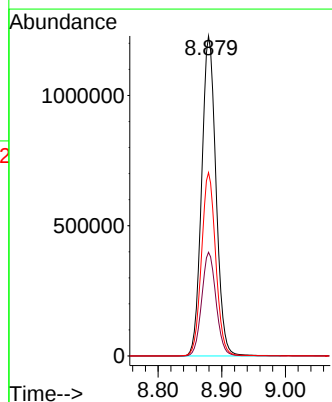
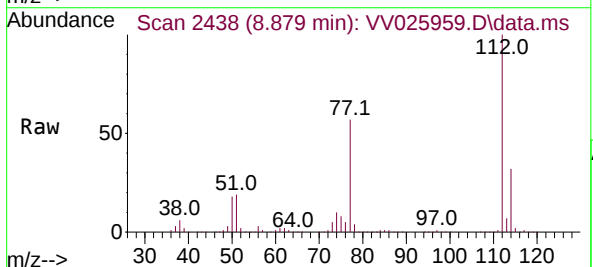
Tgt Ion: 78 Resp: 346248

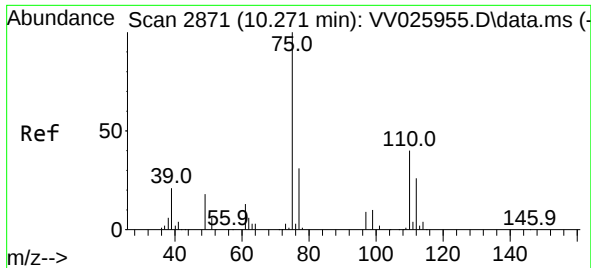


#51
Chlorobenzene
Concen: 237.698 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Tgt Ion: 112 Resp: 1922773

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	40.8
77	57.3	45.3	67.9

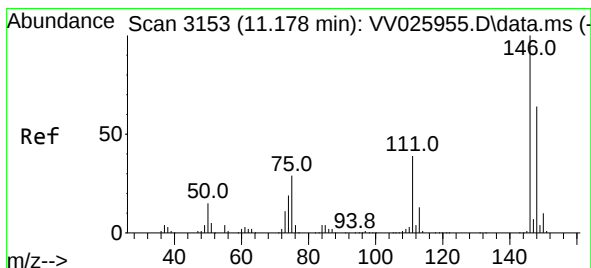
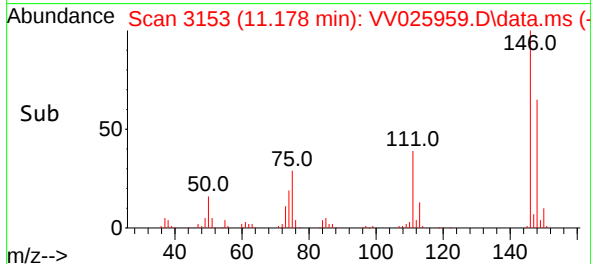
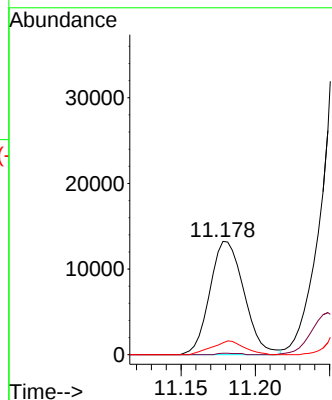
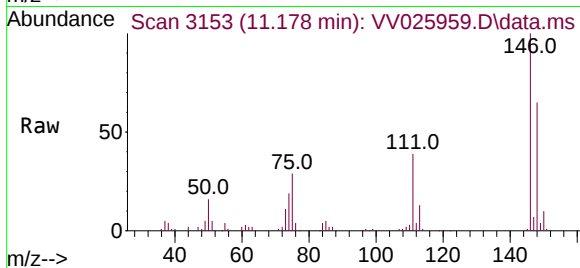




#61
1,2,3-Trichloropropane
Concen: 6.365 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

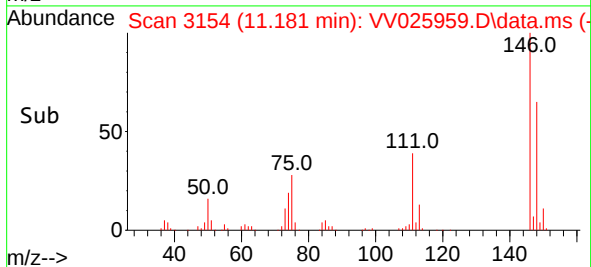
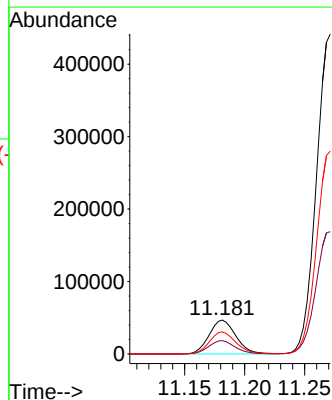
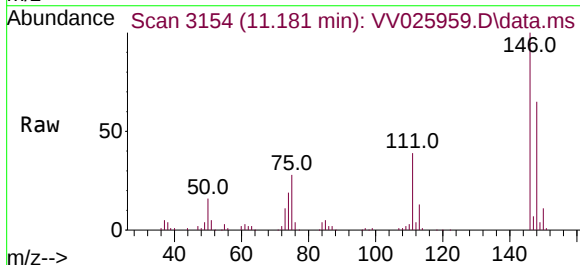
Instrument :
MSVOA_V
ClientSampleId :
C0JR1

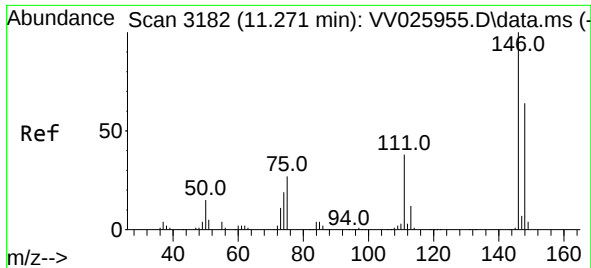
Tgt Ion: 75 Resp: 21192
Ion Ratio Lower Upper
75 100
77 0.7 25.3 37.9#
110 11.4 32.3 48.5#



#64
1,3-Dichlorobenzene
Concen: 13.637 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Tgt Ion:146 Resp: 72733
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 65.0 44.0 81.8

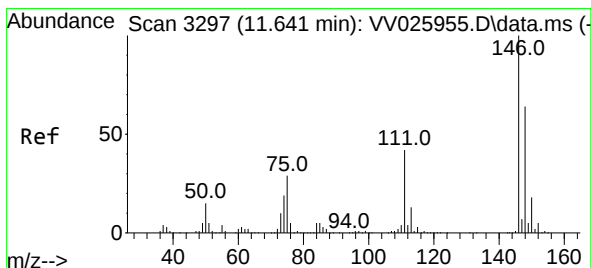
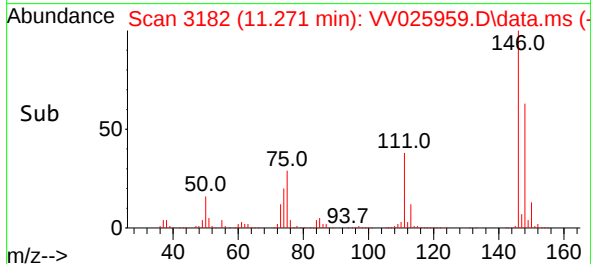
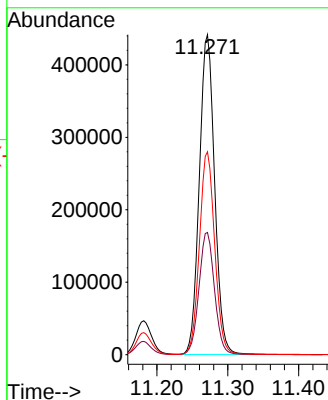
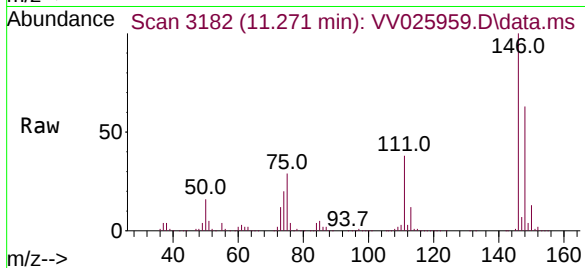




#65
1,4-Dichlorobenzene
Concen: 118.422 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

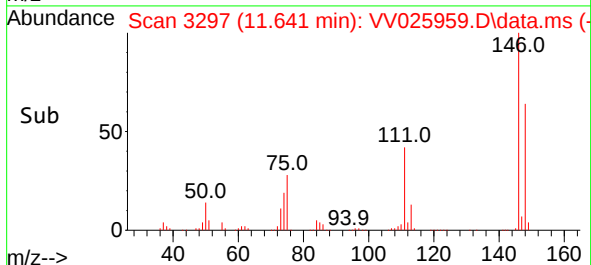
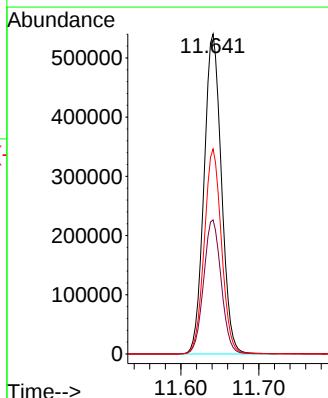
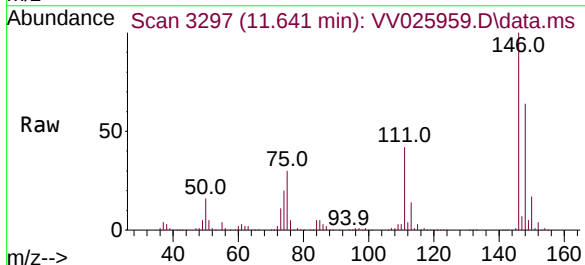
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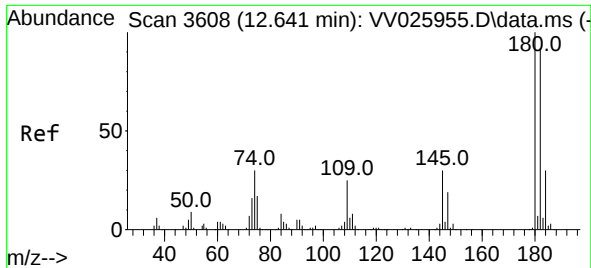
Tgt Ion:146 Resp: 661912
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 63.4 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 151.720 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025959.D
Acq: 26 May 2022 15:35

Tgt Ion:146 Resp: 836997
Ion Ratio Lower Upper
146 100
111 41.9 33.7 50.5
148 64.1 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 28.532 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.617 min

Lab File: VV025959.D

Acq: 26 May 2022 15:35

Instrument :

MSVOA_V

ClientSampleId :

C0JR1

Tgt Ion:180 Resp: 105072

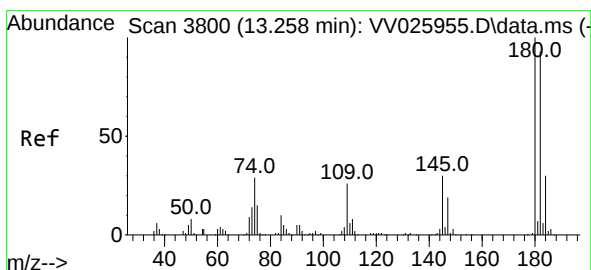
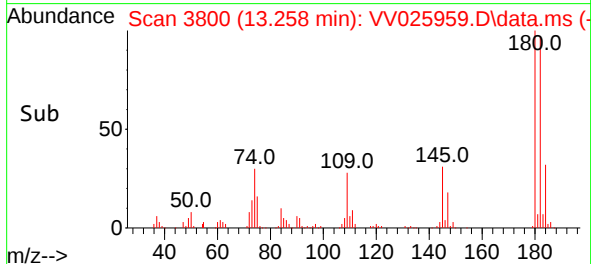
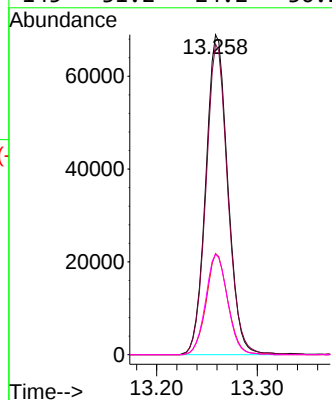
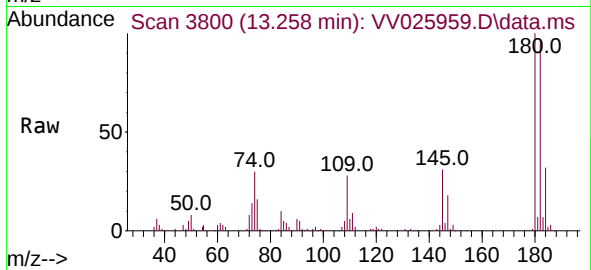
Ion Ratio Lower Upper

180 100

182 96.1 75.1 112.7

184 30.9 23.6 35.4

145 31.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 33.506 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025959.D

Acq: 26 May 2022 15:35

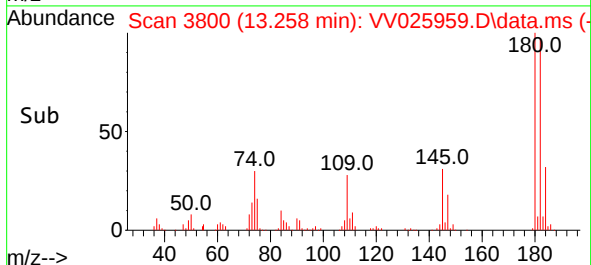
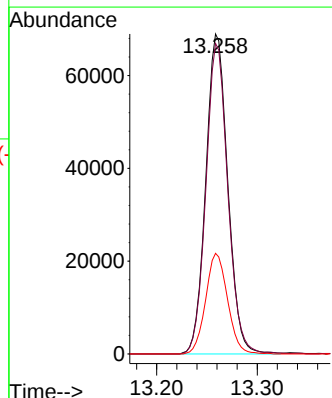
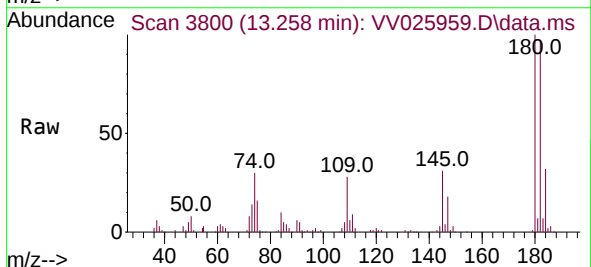
Tgt Ion:180 Resp: 105072

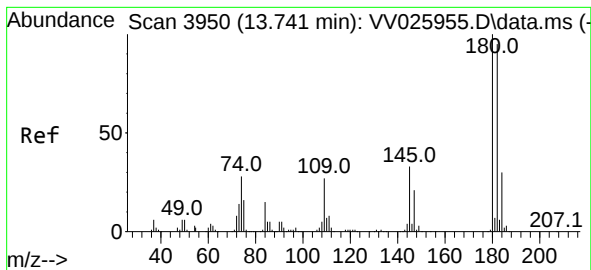
Ion Ratio Lower Upper

180 100

182 96.1 74.8 112.2

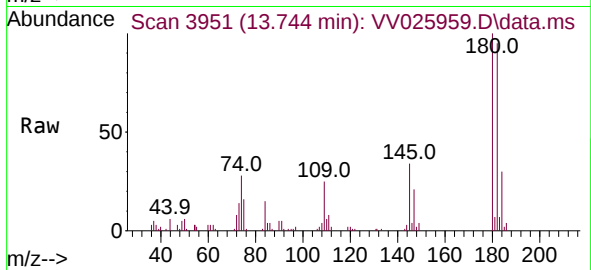
145 31.2 24.8 37.2





#72
 1,2,3-Trichlorobenzene
 Concen: 7.473 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV025959.D
 Acq: 26 May 2022 15:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JR1



Tgt Ion:	180	Resp:	23880
Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.8
145	33.6	26.3	39.5

