

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052622\
 Data File : VW025958.D
 Acq On : 26 May 2022 15:11
 Operator : SY/MD
 Sample : N3039-01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JN7

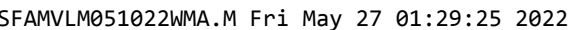
Quant Time: May 27 01:29:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 01:28:09 2022
 Response via : Initial Calibration

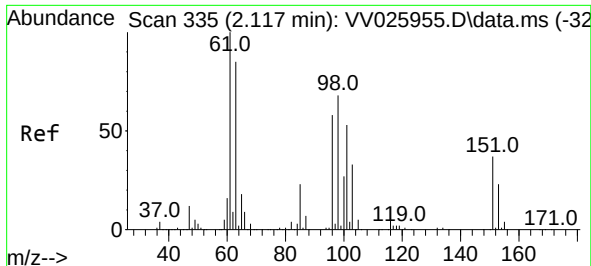
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	347422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	349111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	161376	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	177811	39.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.320%
7) Chloroethane-d5	1.571	69	143722	36.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.111	63	249035	31.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.520%
21) 2-Butanone-d5	3.905	46	110994	57.755	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.750%
24) Chloroform-d	4.349	84	258817	41.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.660%
26) 1,2-Dichloroethane-d4	5.031	65	160096	42.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.600%
32) Benzene-d6	5.050	84	530786	43.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.220%
36) 1,2-Dichloropropane-d6	6.069	67	168286	45.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	7.317	98	453896	40.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.960%
43) trans-1,3-Dichloroprop...	7.622	79	62325	37.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.700%
47) 2-Hexanone-d5	8.092	63	97053	70.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	205698	41.264	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.520%
66) 1,2-Dichlorobenzene-d4	11.622	152	168976	47.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2294	0.688	ug/L #	22
27) 1,2-Dichloroethane	5.047	62	2967	0.704	ug/L	100
51) Chlorobenzene	8.883	112	72836	9.020	ug/L	97
61) 1,2,3-Trichloropropane	11.181	75	3881	1.215	ug/L #	42
64) 1,3-Dichlorobenzene	11.181	146	13322	2.604	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	50812	9.476	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	383355	72.435	ug/L	98
69) 1,3,5-Trichlorobenzene	13.259	180	74714	21.148	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	74714	24.835	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	44841	14.627	ug/L	99

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.688 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

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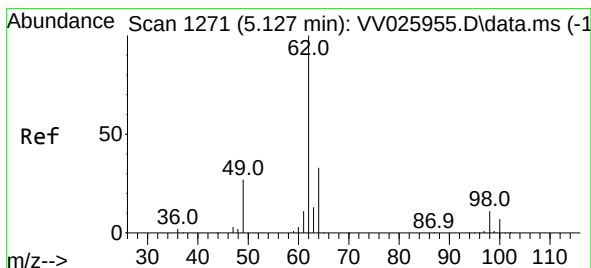
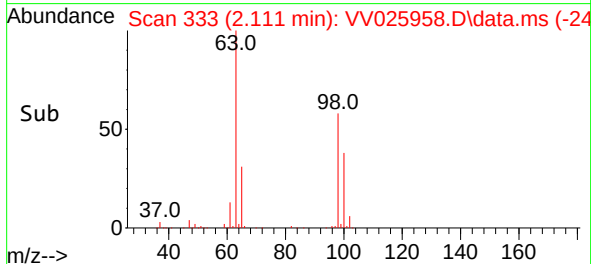
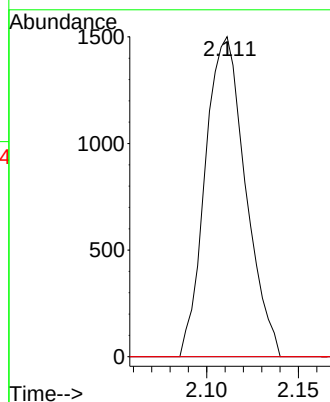
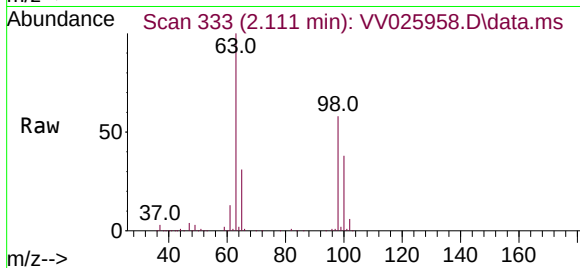
Tgt Ion:101 Resp: 2294

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: 0.704 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV025958.D

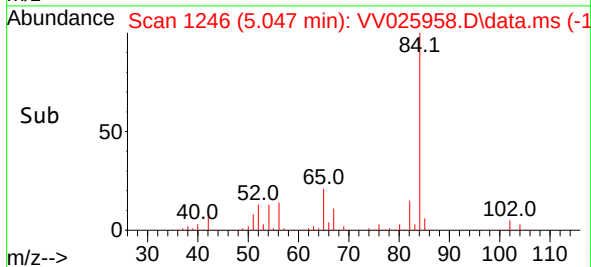
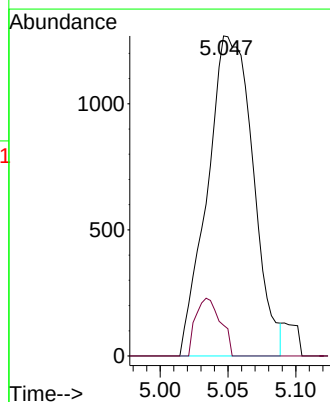
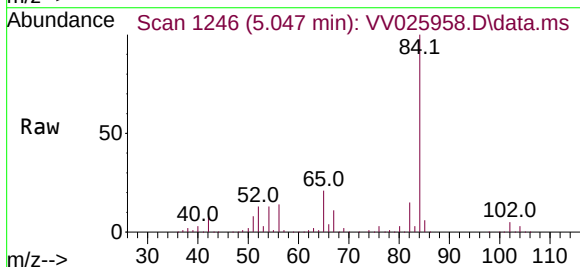
Acq: 26 May 2022 15:11

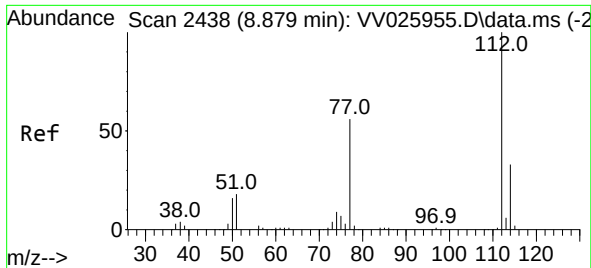
Tgt Ion: 62 Resp: 2967

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5

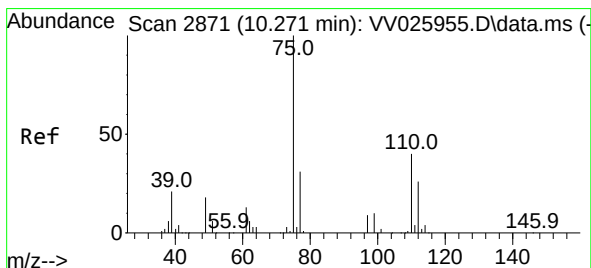
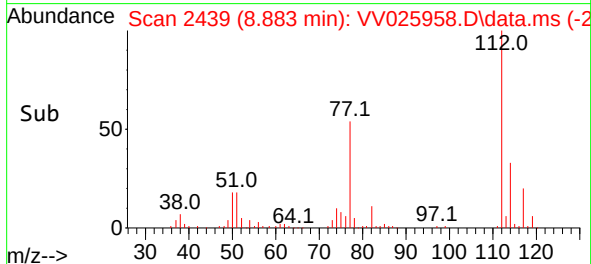
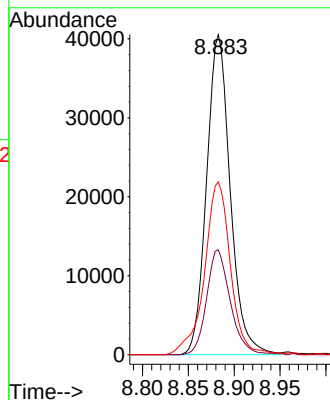
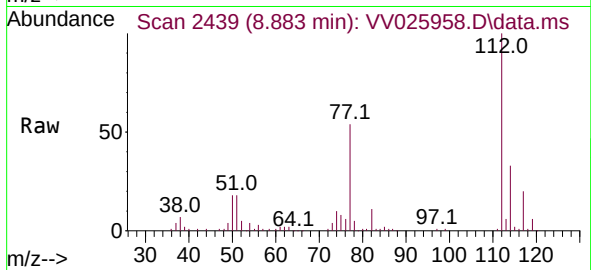




#51
Chlorobenzene
Concen: 9.020 ug/L
RT: 8.883 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

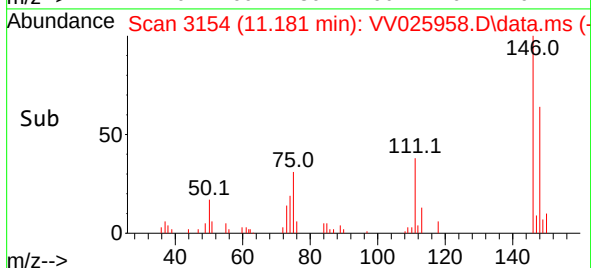
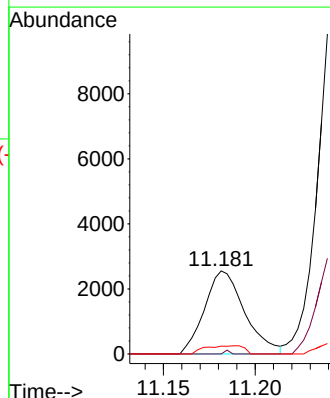
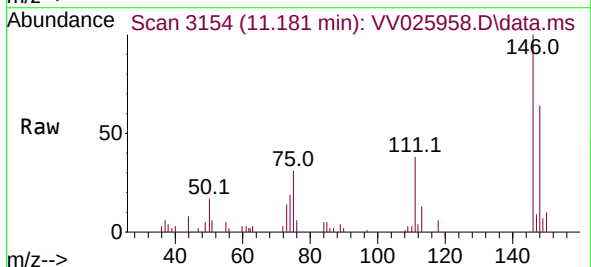
Instrument :
MSVOA_V
ClientSampleId :
C0JN7

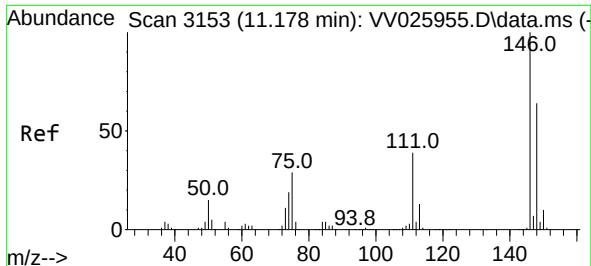
Tgt Ion:112 Resp: 72836
Ion Ratio Lower Upper
112 100
114 32.8 22.0 40.8
77 54.0 45.3 67.9



#61
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

Tgt Ion: 75 Resp: 3881
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
110 3.7 32.3 48.5#

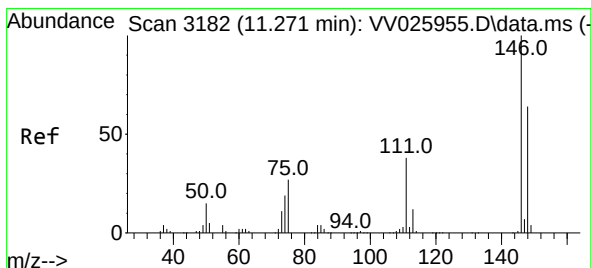
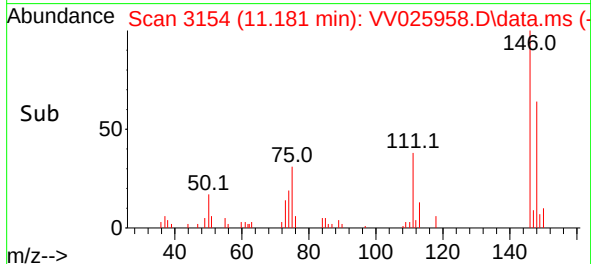
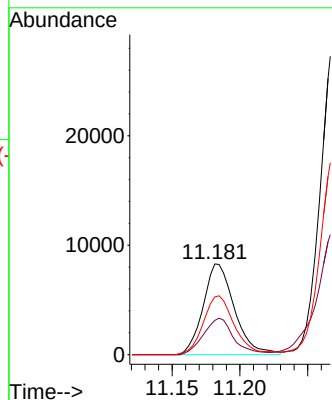
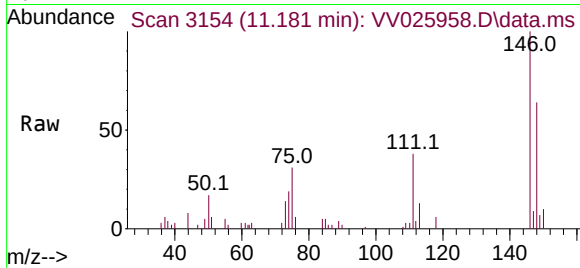




#64
1,3-Dichlorobenzene
Concen: 2.604 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

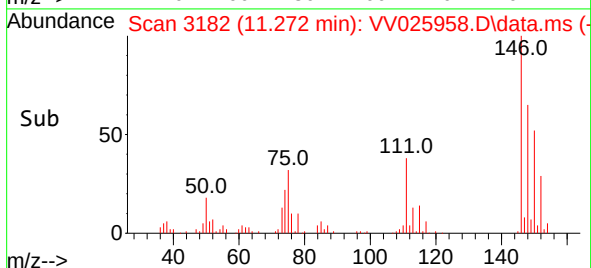
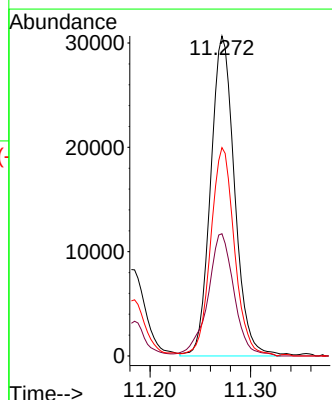
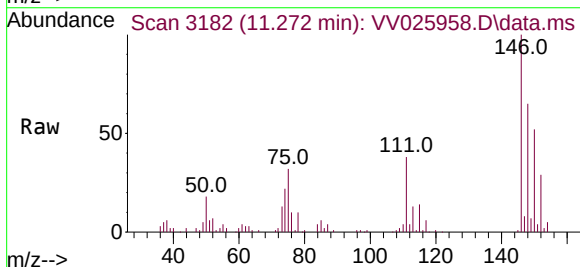
Instrument :
MSVOA_V
ClientSampleId :
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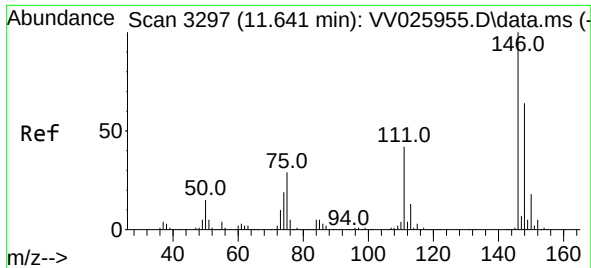
Tgt Ion:146 Resp: 13322
Ion Ratio Lower Upper
146 100
111 37.8 28.1 52.1
148 63.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 9.476 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

Tgt Ion:146 Resp: 50812
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 65.1 44.2 82.2

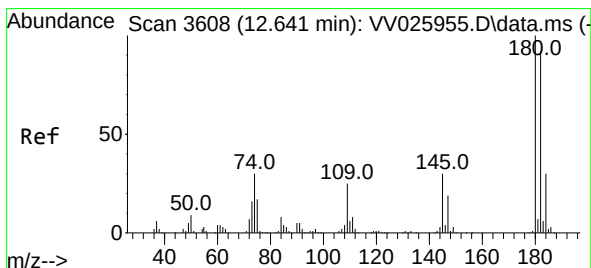
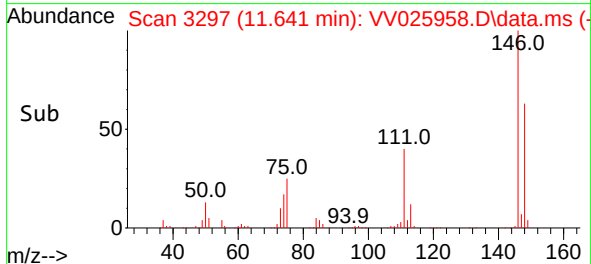
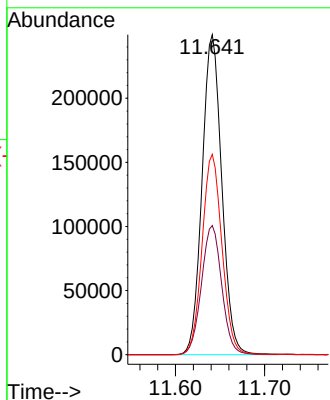
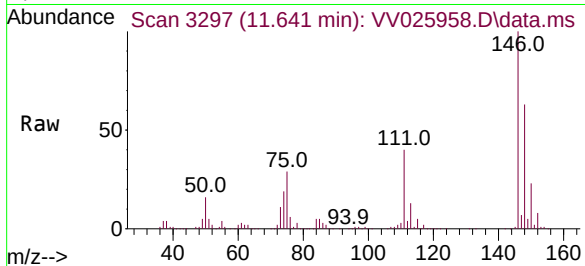




#67
1,2-Dichlorobenzene
Concen: 72.435 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

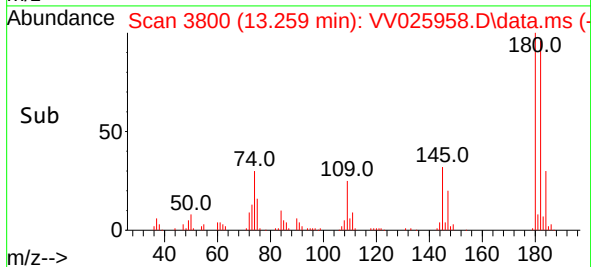
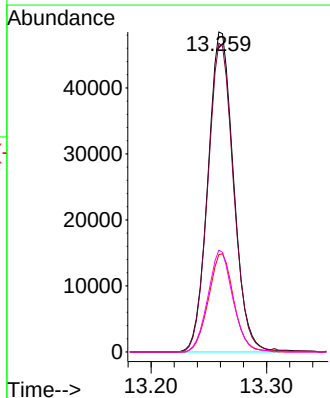
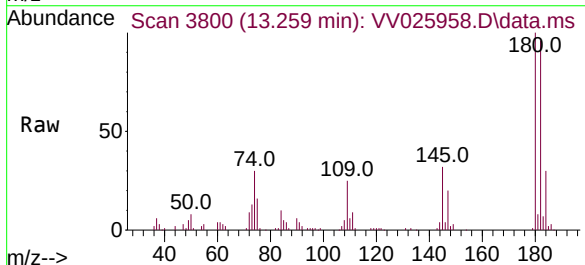
Instrument :
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ClientSampleId :
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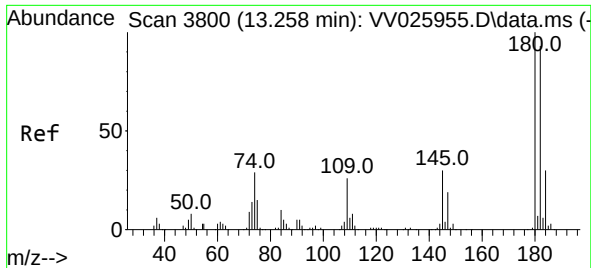
Tgt Ion:146 Resp: 383355
Ion Ratio Lower Upper
146 100
111 40.3 33.7 50.5
148 62.6 51.4 77.2



#69
1,3,5-Trichlorobenzene
Concen: 21.148 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.617 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

Tgt Ion:180 Resp: 74714
Ion Ratio Lower Upper
180 100
182 96.6 75.1 112.7
184 30.3 23.6 35.4
145 31.0 24.2 36.2

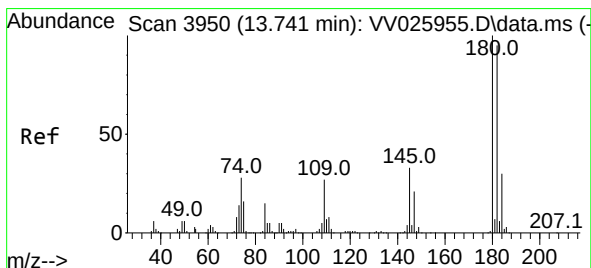
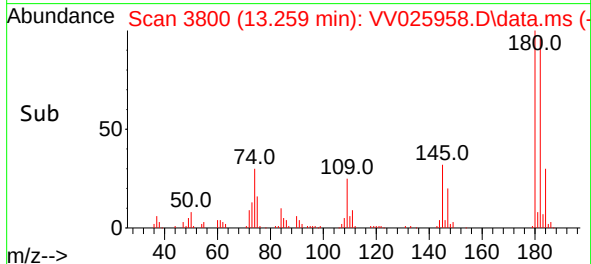
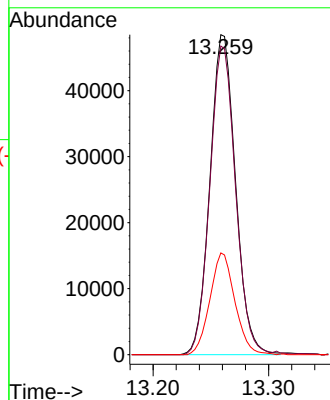
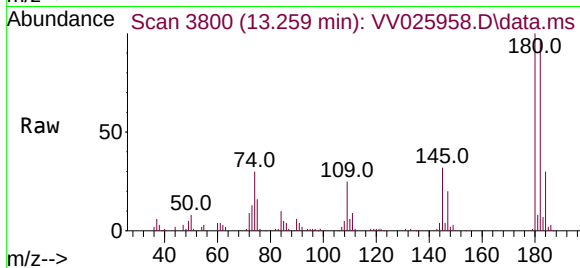




#70
1,2,4-trichlorobenzene
Concen: 24.835 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

Instrument :
MSVOA_V
ClientSampleId :
C0JN7

Tgt Ion:180 Resp: 74714
Ion Ratio Lower Upper
180 100
182 96.6 74.8 112.2
145 31.0 24.8 37.2



#72
1,2,3-Trichlorobenzene
Concen: 14.627 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025958.D
Acq: 26 May 2022 15:11

Tgt Ion:180 Resp: 44841
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.8
145 32.3 26.3 39.5

