

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041824\
 Data File : VW035288.D
 Acq On : 18 Apr 2024 17:14
 Operator : SY/MD
 Sample : P2158-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 01:43:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

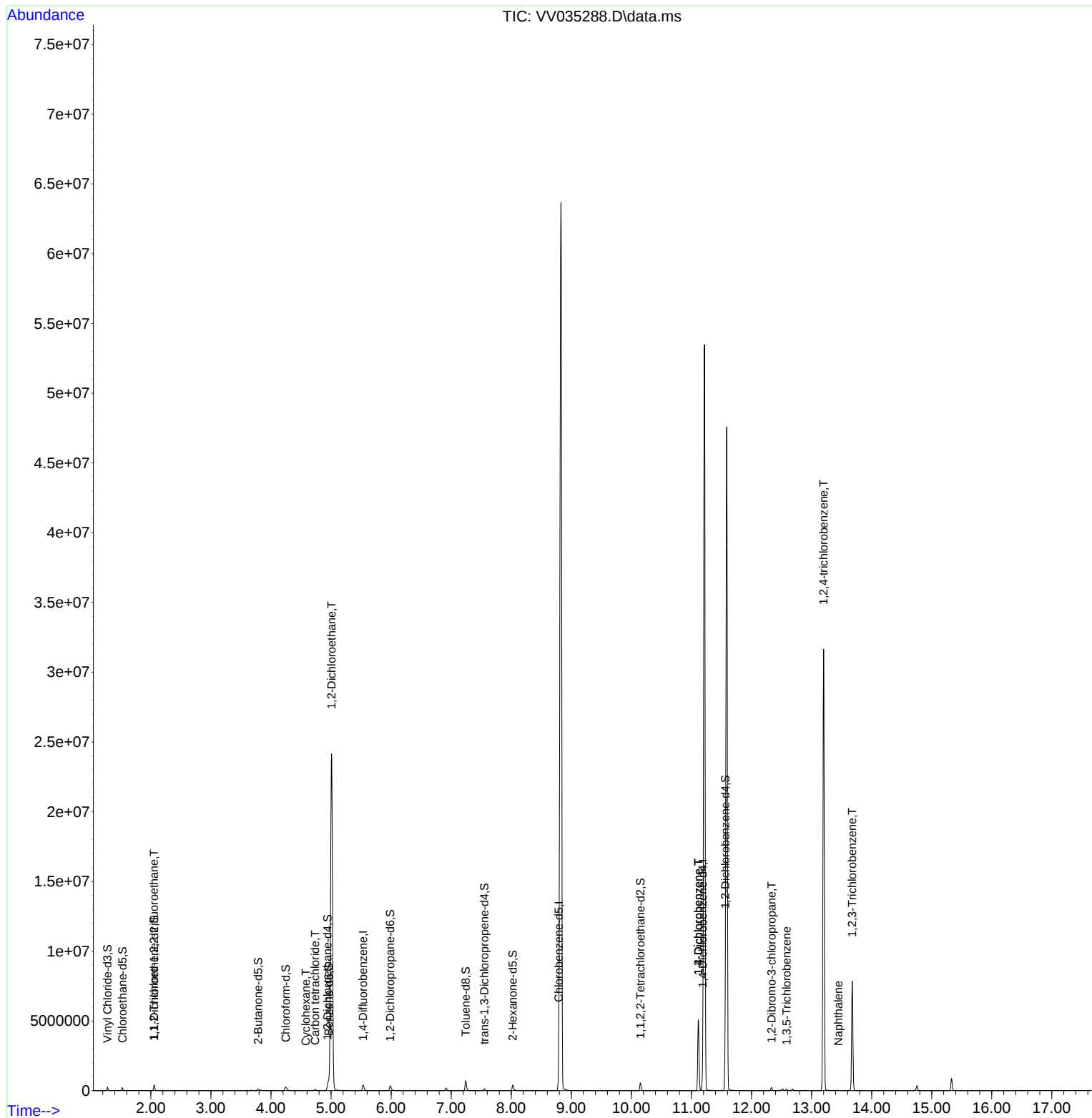
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	361443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	367158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	219503	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	157125	45.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.020%		
7) Chloroethane-d5	1.526	69	134168	44.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.500%		
11) 1,1-Dichloroethene-d2	2.056	65	67984	44.430	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.860%		
21) 2-Butanone-d5	3.786	46	213077	102.924	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.920%		
24) Chloroform-d	4.246	84	287573	48.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.000%		
26) 1,2-Dichloroethane-d4	4.941	65	184517	49.520	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.040%		
32) Benzene-d6	4.960	84	586007	47.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.040%		
36) 1,2-Dichloropropane-d6	5.986	67	184360	47.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.140%		
41) Toluene-d8	7.243	98	498328	44.866	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.740%		
43) trans-1,3-Dichloroprop...	7.555	79	81560	42.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.680%		
47) 2-Hexanone-d5	8.024	63	150444	101.603	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.600%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	266011	49.324	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.640%		
66) 1,2-Dichlorobenzene-d4	11.564	152	239839	48.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.340%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2005	0.707	ug/L #	31
27) 1,2-Dichloroethane	5.008	62	232863	55.004	ug/L #	75
29) Cyclohexane	4.580	56	7445	1.619	ug/L	99
31) Carbon tetrachloride	4.735	117	58153	14.336	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	2015905	272.603	ug/L	98
65) 1,4-Dichlorobenzene	11.114	146	2015905	268.065	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.333	75	37501	28.618	ug/L #	7
69) 1,3,5-Trichlorobenzene	12.583	180	17027	3.195	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	9057763	1850.170	ug/L	98
71) Naphthalene	13.445	128	20464	1.507	ug/L	97
72) 1,2,3-Trichlorobenzene	13.677	180	2357273	488.480	ug/L	99

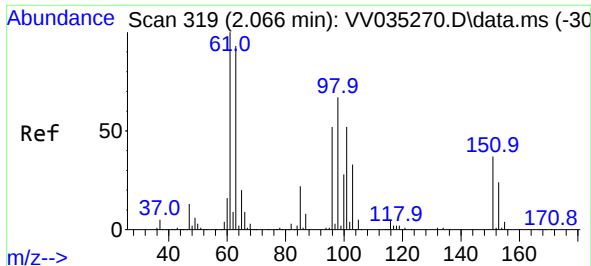
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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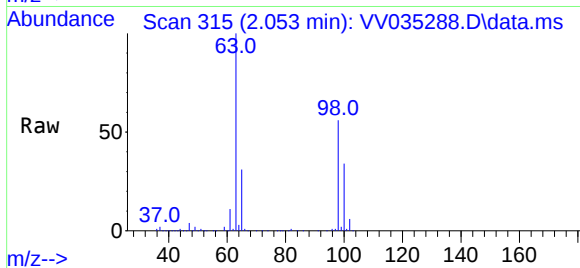
Quant Time: Apr 19 01:43:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
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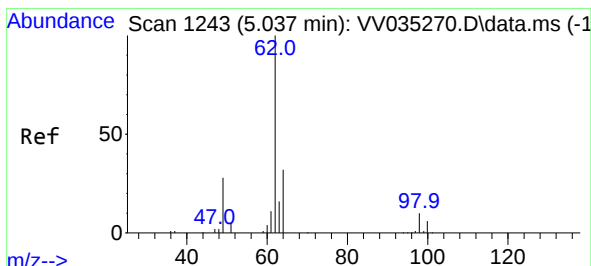
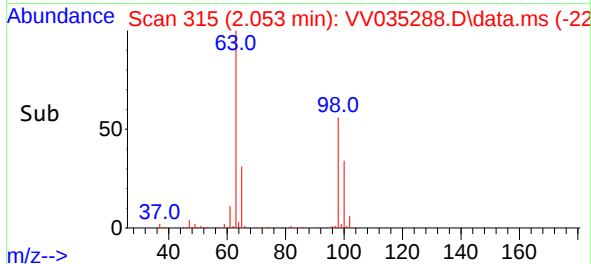
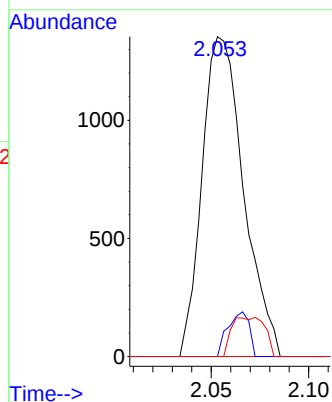


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.707 ug/L
 RT: 2.053 min Scan# 319
 Delta R.T. -0.013 min
 Lab File: VV035288.D
 Acq: 18 Apr 2024 17:14

Instrument :
 MSVOA_V
 ClientSampleId :

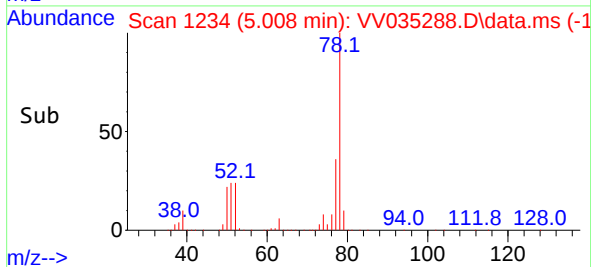
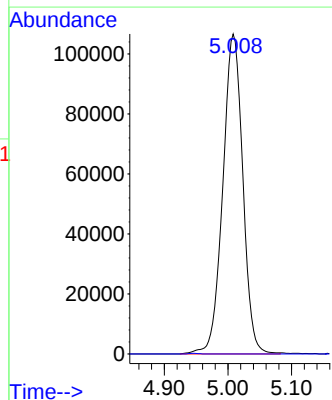
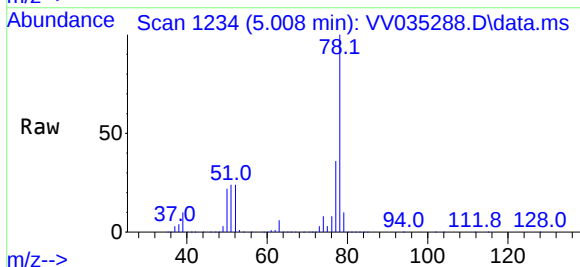


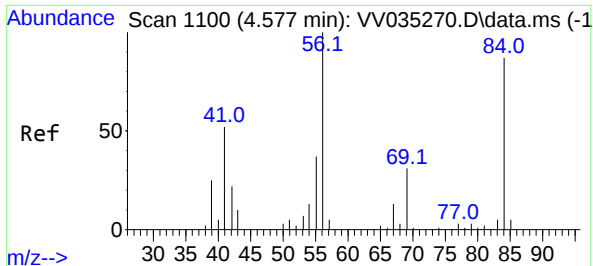
Tgt Ion:101 Resp: 2005
 Ion Ratio Lower Upper
 101 100
 85 7.2 35.3 52.9#
 151 5.7 55.0 82.4#



#27
 1,2-Dichloroethane
 Concen: 55.004 ug/L
 RT: 5.008 min Scan# 1234
 Delta R.T. -0.029 min
 Lab File: VV035288.D
 Acq: 18 Apr 2024 17:14

Tgt Ion: 62 Resp: 232863
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#





#29

Cyclohexane

Concen: 1.619 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV035288.D

Acq: 18 Apr 2024 17:14

Instrument :

MSVOA_V

ClientSampleId :

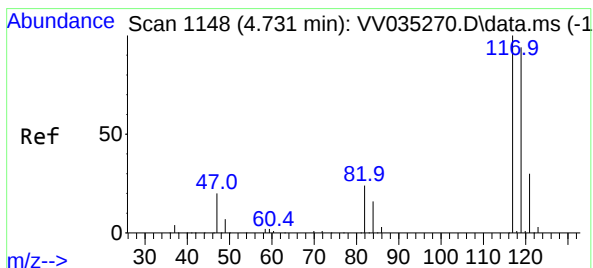
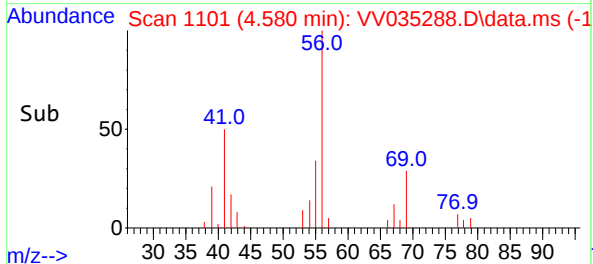
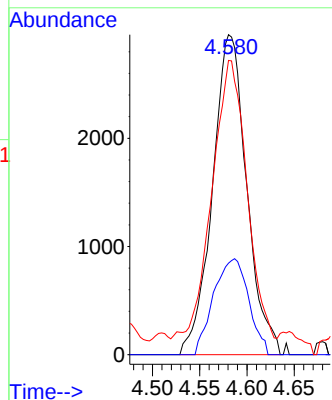
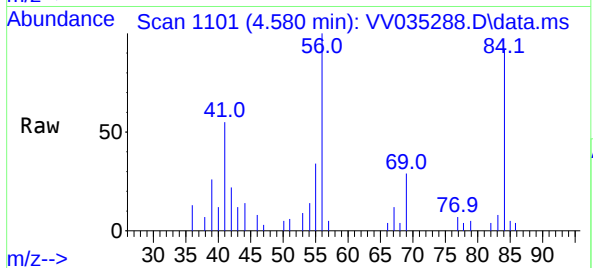
Tgt Ion: 56 Resp: 7445

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 86.0 69.8 104.8



#31

Carbon tetrachloride

Concen: 14.336 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV035288.D

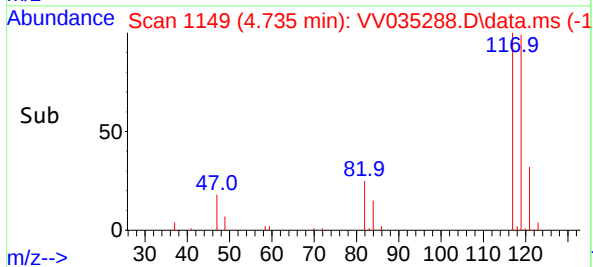
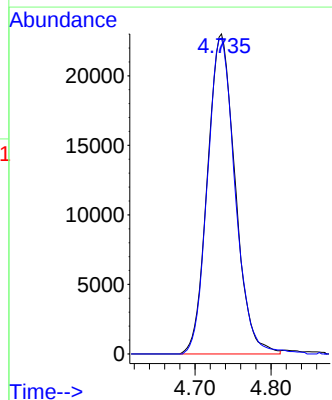
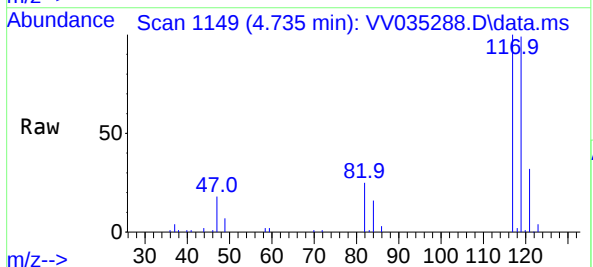
Acq: 18 Apr 2024 17:14

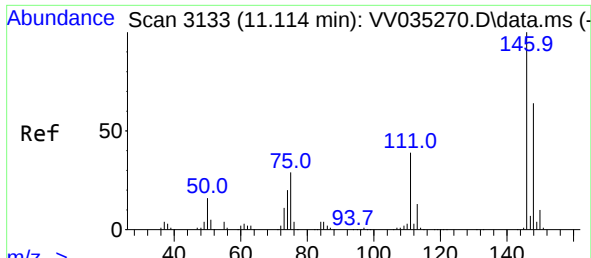
Tgt Ion: 117 Resp: 58153

Ion Ratio Lower Upper

117 100

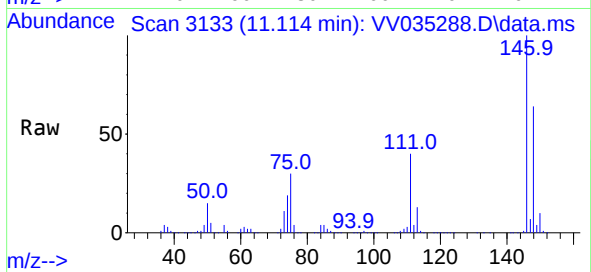
119 98.2 77.1 115.7



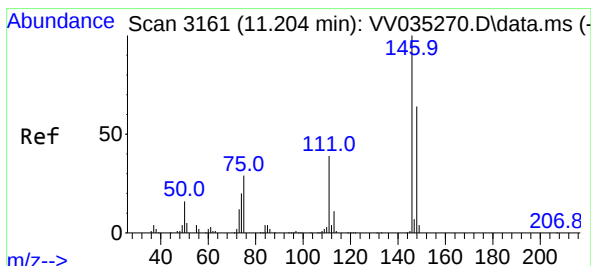
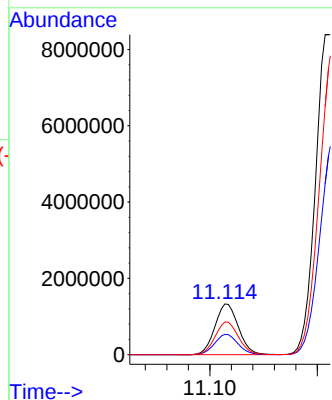
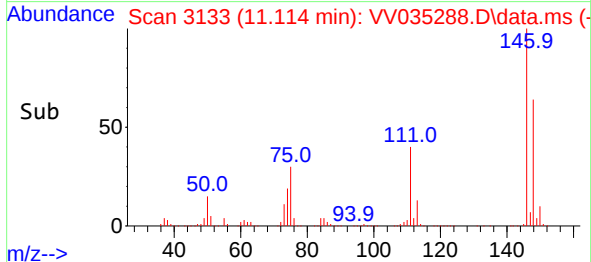


#64
1,3-Dichlorobenzene
Concen: 272.603 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14

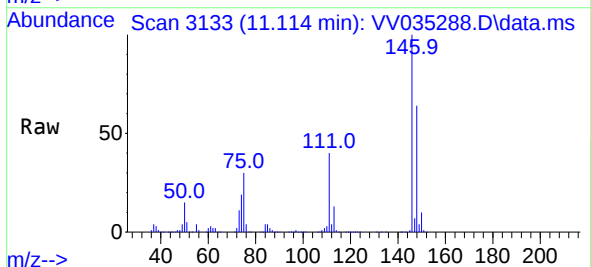
Instrument :
MSVOA_V
ClientSampleId :



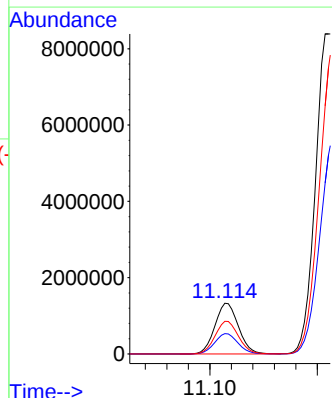
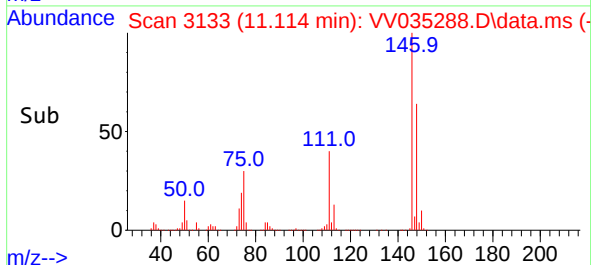
Tgt Ion:146 Resp: 2015905
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 64.2 44.0 81.8

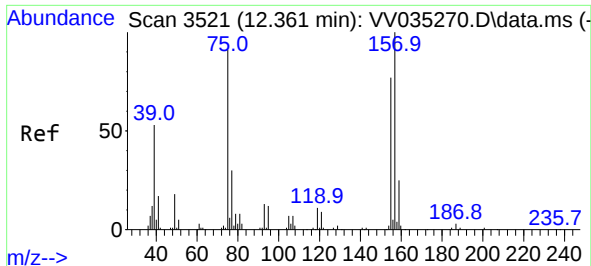


#65
1,4-Dichlorobenzene
Concen: 268.065 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.093 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14



Tgt Ion:146 Resp: 2015905
Ion Ratio Lower Upper
146 100
111 40.2 27.4 50.8
148 64.2 44.2 82.2

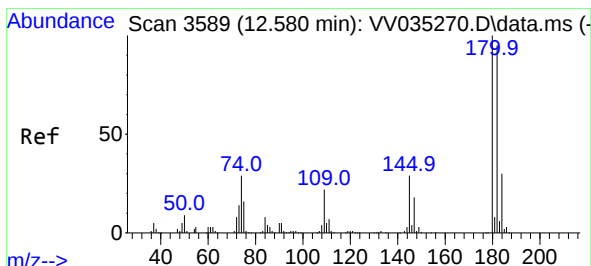
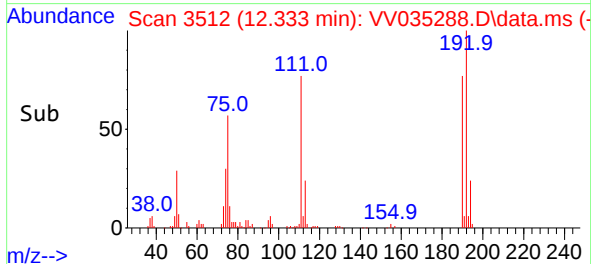
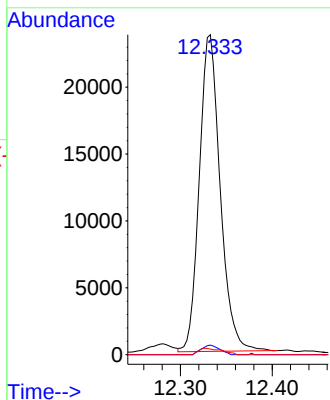
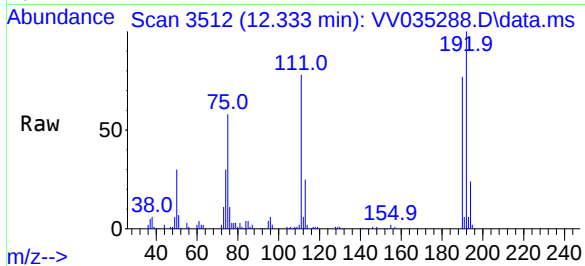




#68
1,2-Dibromo-3-chloropropane
Concen: 28.618 ug/L
RT: 12.333 min Scan# 311
Delta R.T. -0.029 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14

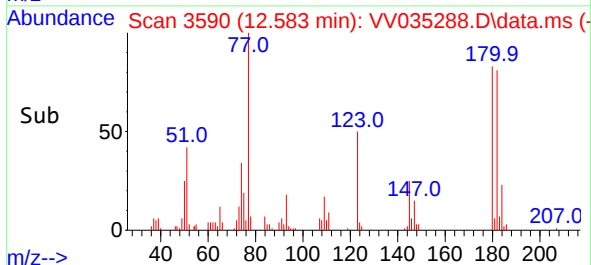
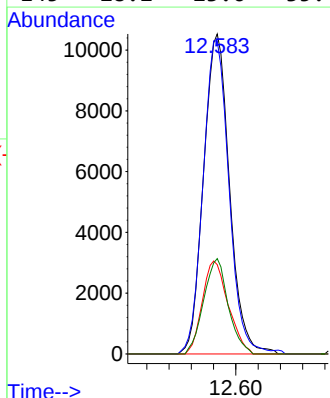
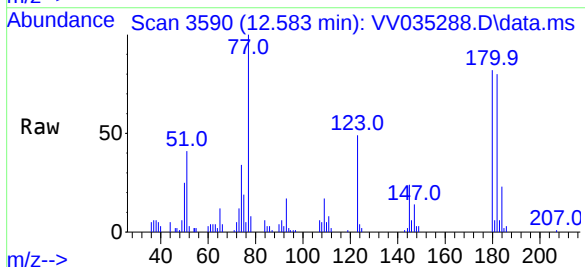
Instrument :
MSVOA_V
ClientSampleId :

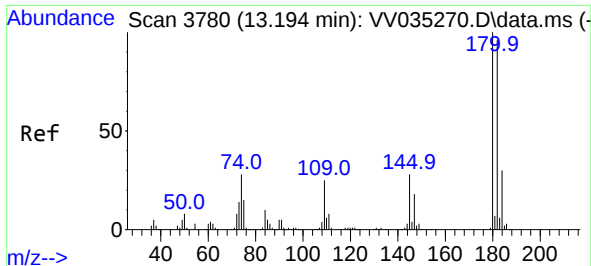
Tgt Ion: 75 Resp: 37501
Ion Ratio Lower Upper
75 100
155 3.0 63.0 94.6#
157 1.7 81.0 121.4#



#69
1,3,5-Trichlorobenzene
Concen: 3.195 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14

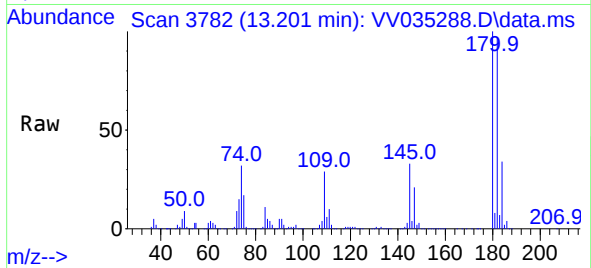
Tgt Ion:180 Resp: 17027
Ion Ratio Lower Upper
180 100
182 97.8 74.7 112.1
184 28.9 24.0 36.0
145 28.2 23.6 35.4



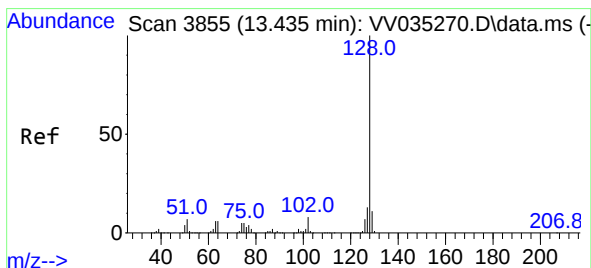
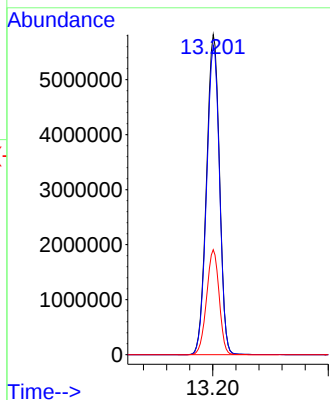
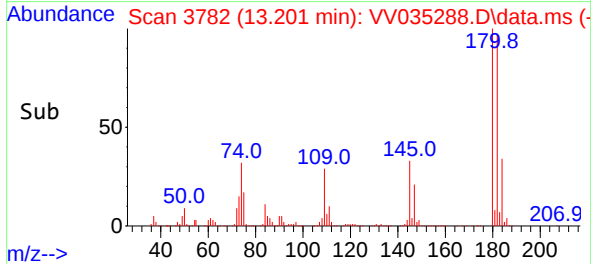


#70
1,2,4-trichlorobenzene
Concen: 1850.170 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

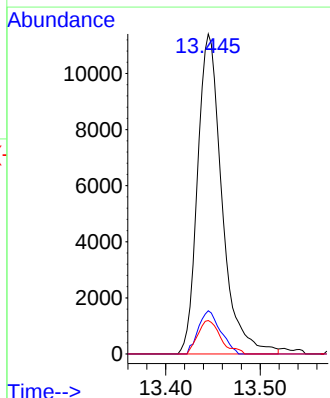
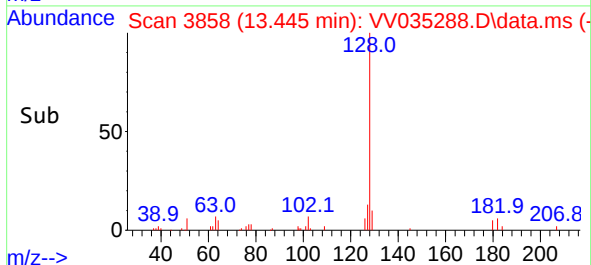
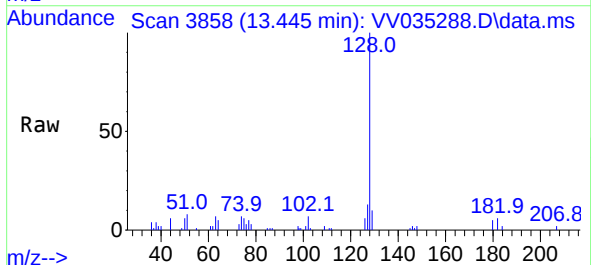


Tgt Ion:180 Resp: 9057763
Ion Ratio Lower Upper
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182 96.3 75.6 113.4
145 31.7 24.1 36.1

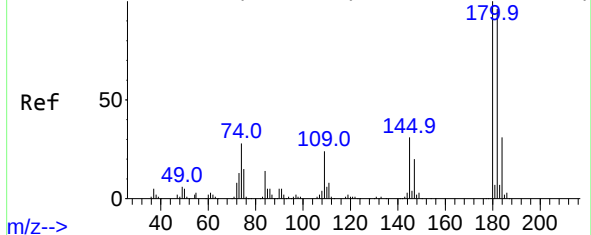


#71
Naphthalene
Concen: 1.507 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14

Tgt Ion:128 Resp: 20464
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 9.3 8.7 13.1



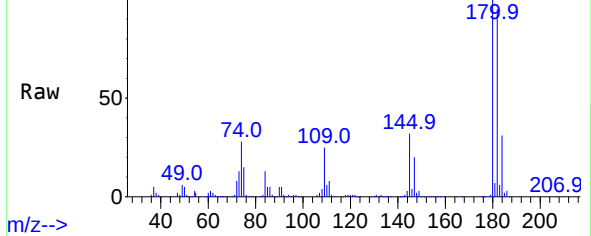
Abundance Scan 3930 (13.676 min): VV035270.D\data.ms (-



#72
1,2,3-Trichlorobenzene
Concen: 488.480 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035288.D
Acq: 18 Apr 2024 17:14

Instrument :
MSVOA_V
ClientSampleId :

Abundance Scan 3930 (13.677 min): VV035288.D\data.ms (-



Tgt Ion:180 Resp: 2357273
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 31.5 25.8 38.6

Abundance Scan 3930 (13.677 min): VV035288.D\data.ms (-

