

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035299.D
 Acq On : 19 Apr 2024 11:49
 Operator : SY/MD
 Sample : P2158-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:29:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

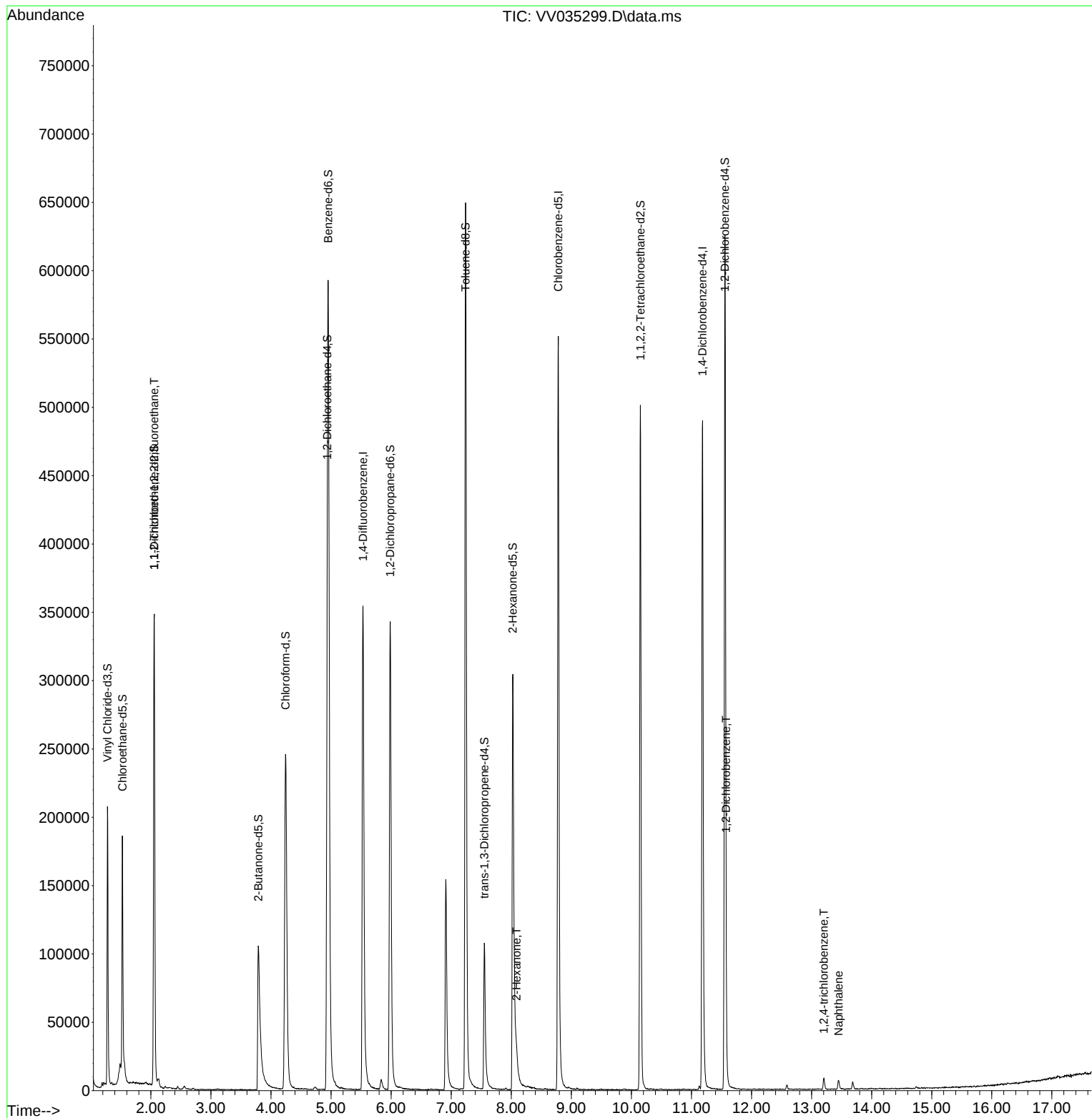
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	322157	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	312777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	133078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	137711	44.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.520%		
7) Chloroethane-d5	1.526	69	100073	37.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.060%		
11) 1,1-Dichloroethene-d2	2.056	65	59664	43.748	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.500%		
21) 2-Butanone-d5	3.789	46	188278	102.036	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.040%		
24) Chloroform-d	4.243	84	272424	52.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.160%		
26) 1,2-Dichloroethane-d4	4.937	65	175781	52.928	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.860%		
32) Benzene-d6	4.953	84	540302	51.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.860%		
36) 1,2-Dichloropropane-d6	5.985	67	176381	52.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.740%		
41) Toluene-d8	7.239	98	453725	47.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.900%		
43) trans-1,3-Dichloroprop...	7.551	79	69556	42.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.780%		
47) 2-Hexanone-d5	8.024	63	109355	86.694	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.690%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	244481	53.214	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.420%		
66) 1,2-Dichlorobenzene-d4	11.558	152	164515	55.061	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.120%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1789	0.708	ug/L #	26
48) 2-Hexanone	8.088	43	16047	5.243	ug/L #	80
67) 1,2-Dichlorobenzene	11.577	146	6975	1.562	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	3244	1.093	ug/L	94
71) Naphthalene	13.448	128	6705	0.814	ug/L	96

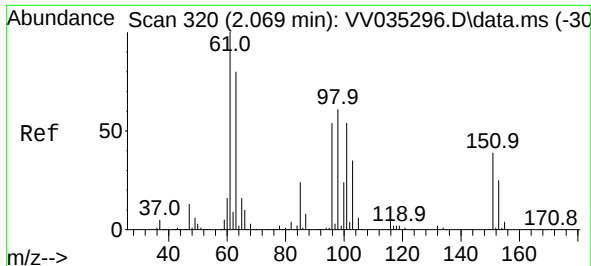
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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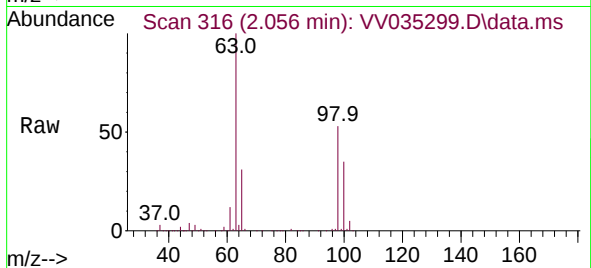
Quant Time: Apr 19 22:29:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
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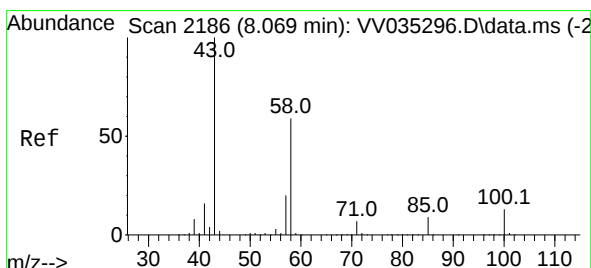
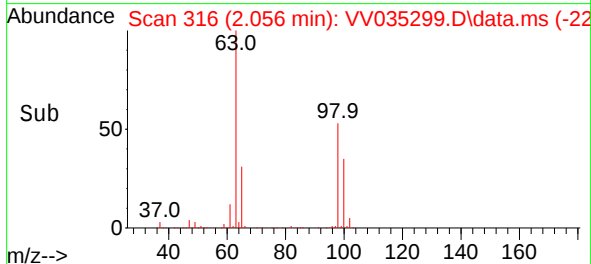
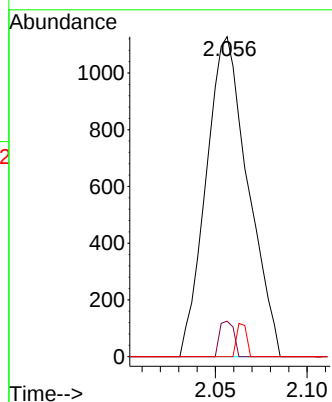


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.708 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.013 min
Lab File: VV035299.D
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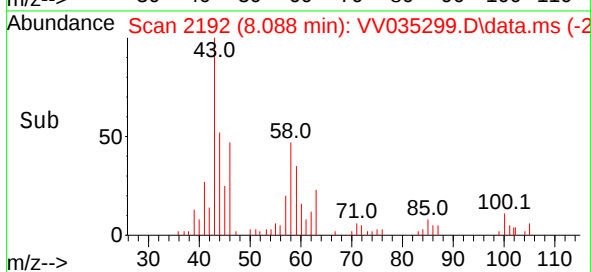
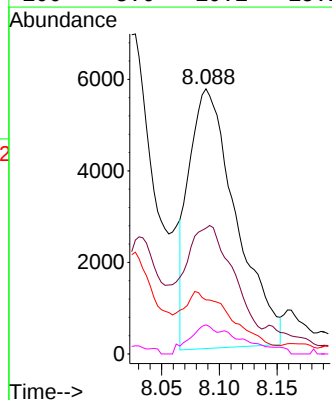
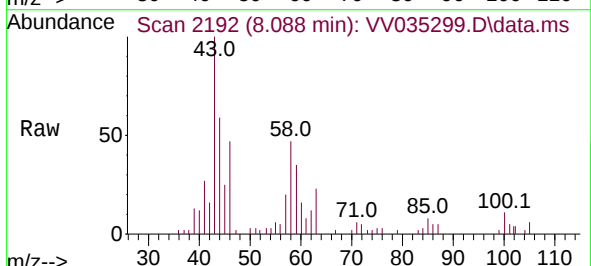


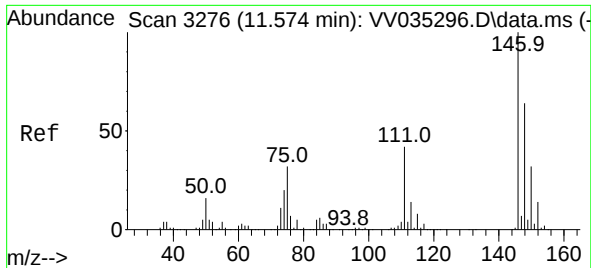
Tgt Ion:101 Resp: 1789
Ion Ratio Lower Upper
101 100
85 3.7 35.3 52.9#
151 2.5 55.0 82.4#



#48
2-Hexanone
Concen: 5.243 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.019 min
Lab File: VV035299.D
Acq: 19 Apr 2024 11:49

Tgt Ion: 43 Resp: 16047
Ion Ratio Lower Upper
43 100
58 37.4 45.4 68.2#
57 19.4 16.2 24.4
100 3.6 10.1 15.1#





#67

1,2-Dichlorobenzene

Concen: 1.562 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035299.D

Acq: 19 Apr 2024 11:49

Instrument :

MSVOA_V

ClientSampleId :

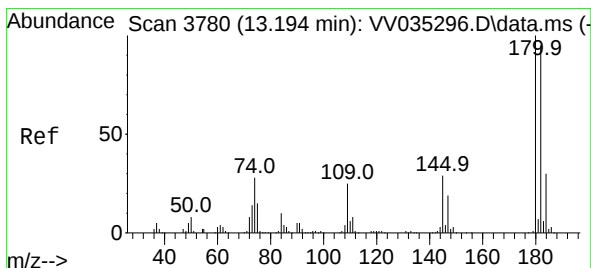
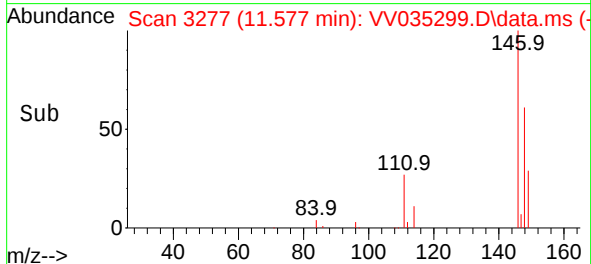
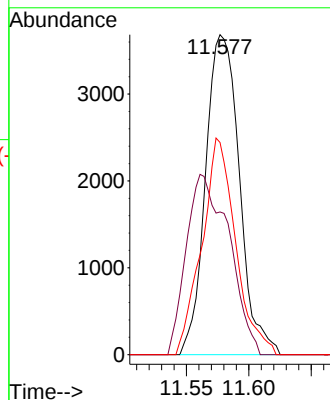
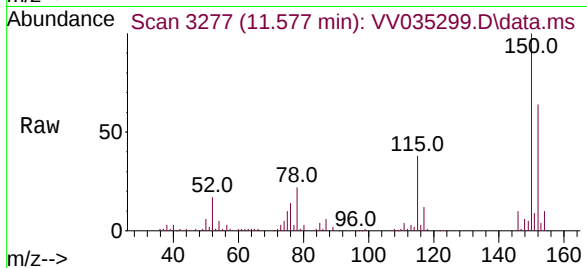
Tgt Ion:146 Resp: 6975

Ion Ratio Lower Upper

146 100

111 44.6 34.6 52.0

148 66.3 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 1.093 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035299.D

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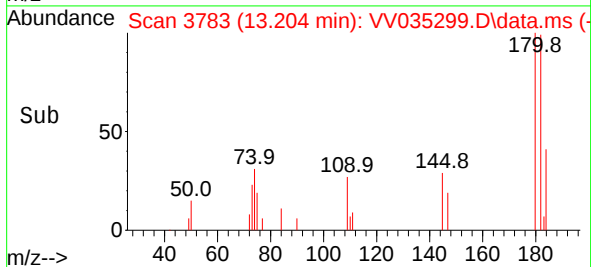
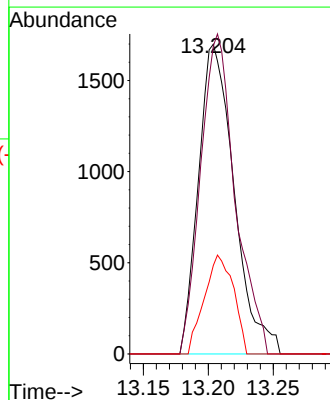
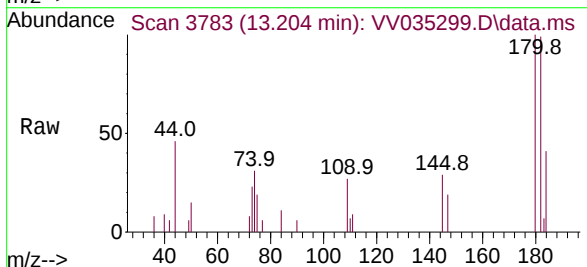
Tgt Ion:180 Resp: 3244

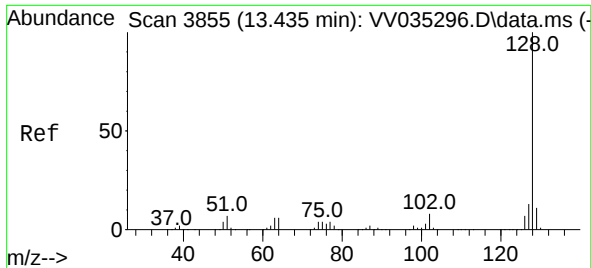
Ion Ratio Lower Upper

180 100

182 99.9 75.6 113.4

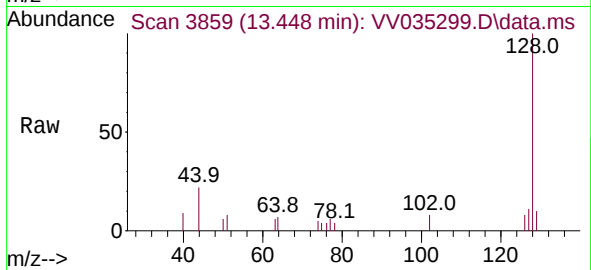
145 26.0 24.1 36.1





#71
Naphthalene
Concen: 0.814 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV035299.D
Acq: 19 Apr 2024 11:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	6705
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.5	15.7
129	8.9	8.7	13.1

