

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020224\
 Data File : VV033958.D
 Acq On : 02 Feb 2024 09:43
 Operator : SY/MD
 Sample : VV0202MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 03:34:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 03 01:42:15 2024
 Response via : Initial Calibration

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

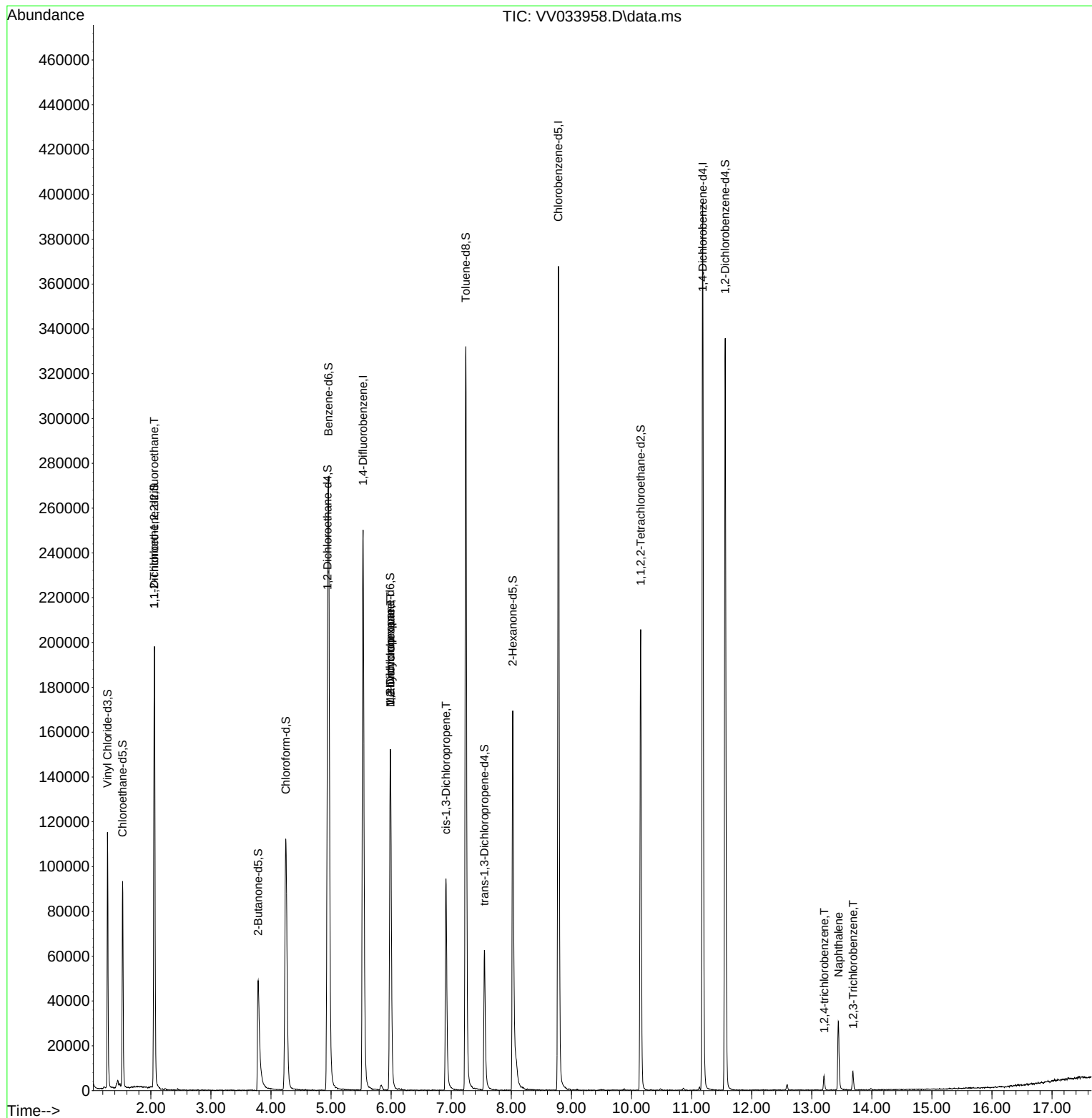
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	211099	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	195814	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74562	45.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.920%		
7) Chloroethane-d5	1.529	69	58284	45.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.720%		
11) 1,1-Dichloroethene-d2	2.056	65	33948	48.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.240%		
21) 2-Butanone-d5	3.786	46	83045	74.626	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.630%		
24) Chloroform-d	4.246	84	118998	41.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.040%		
26) 1,2-Dichloroethane-d4	4.940	65	82285	43.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
32) Benzene-d6	4.957	84	236500	42.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.960%		
36) 1,2-Dichloropropane-d6	5.985	67	71823	39.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.400%		
41) Toluene-d8	7.243	98	218049	43.473	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.940%		
43) trans-1,3-Dichloroprop...	7.551	79	36239	40.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.040%		
47) 2-Hexanone-d5	8.024	63	56618	74.489	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.490%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	93704	40.056	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.120%		
66) 1,2-Dichlorobenzene-d4	11.561	152	83226	44.289	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	972	0.724	ug/L #	21
35) Methylcyclohexane	5.989	83	17613	6.671	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	9105	5.753	ug/L #	88
39) cis-1,3-Dichloropropene	6.911	75	2926	1.107	ug/L	86
70) 1,2,4-trichlorobenzene	13.207	180	2345	1.155	ug/L	96
71) Naphthalene	13.445	128	26056	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	2868	1.514	ug/L	97

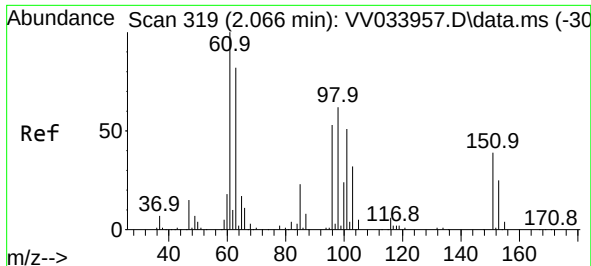
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 03 03:34:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 03 01:42:15 2024
Response via : Initial Calibration

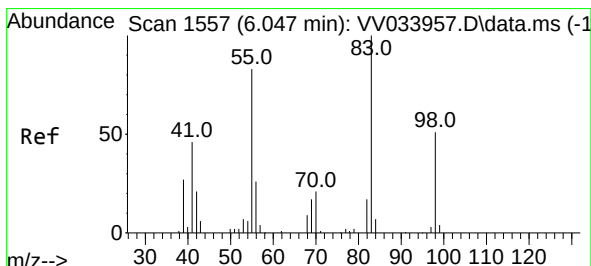
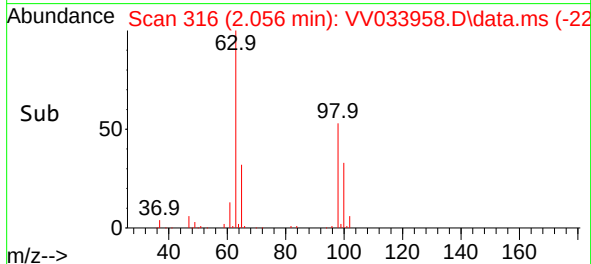
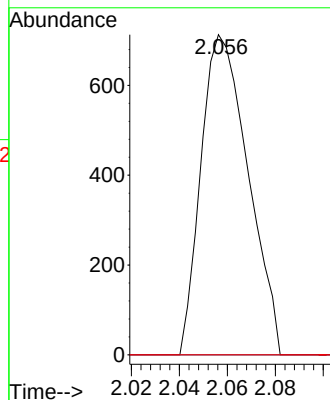
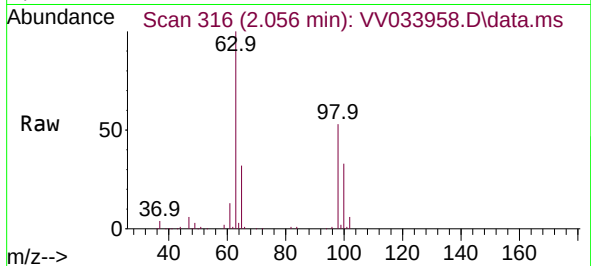




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.724 ug/L
 RT: 2.056 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV033958.D
 Acq: 02 Feb 2024 09:43

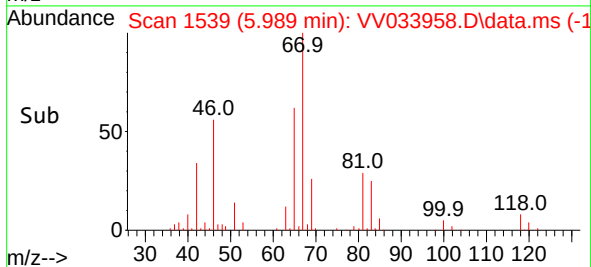
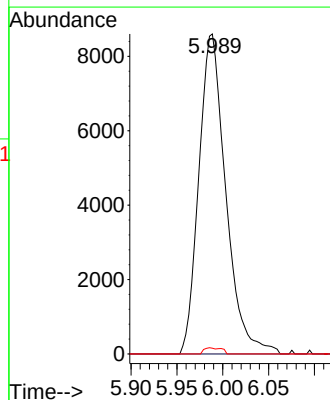
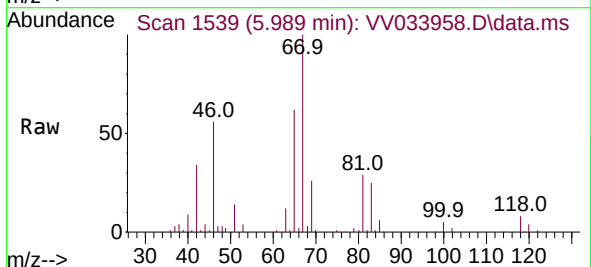
Instrument :
 MSVOA_V
 ClientSampleId :

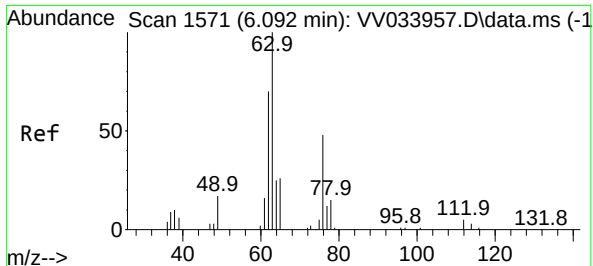
Tgt Ion:101 Resp: 972
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.2 54.4#
 151 0.0 56.5 84.7#



#35
 Methylcyclohexane
 Concen: 6.671 ug/L
 RT: 5.989 min Scan# 1539
 Delta R.T. -0.058 min
 Lab File: VV033958.D
 Acq: 02 Feb 2024 09:43

Tgt Ion: 83 Resp: 17613
 Ion Ratio Lower Upper
 83 100
 55 0.0 67.1 100.7#
 98 0.8 37.7 56.5#

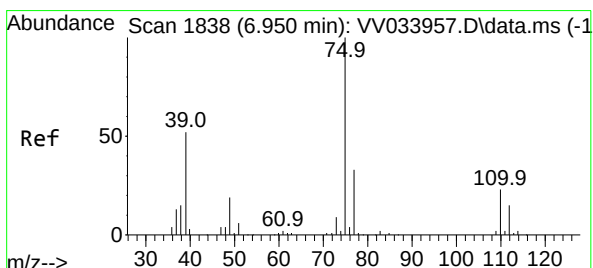
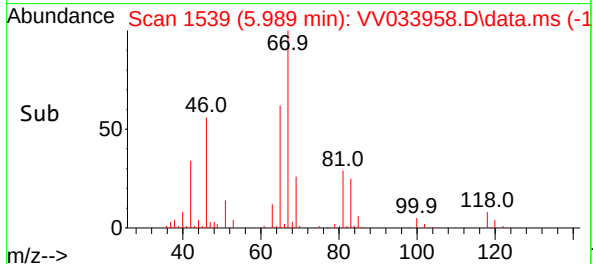
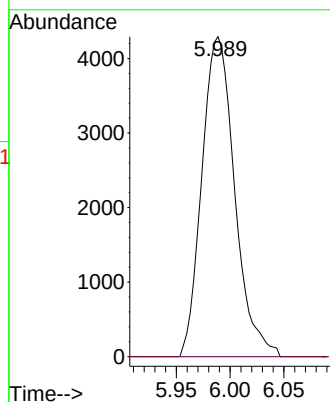
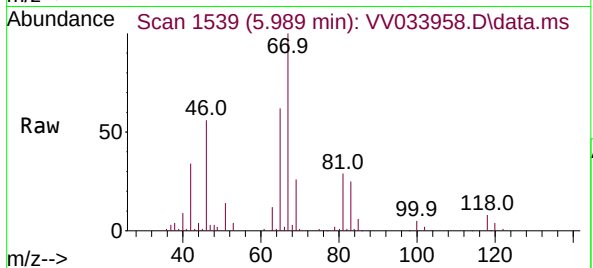




#37
1,2-Dichloropropane
Concen: 5.753 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033958.D
Acq: 02 Feb 2024 09:43

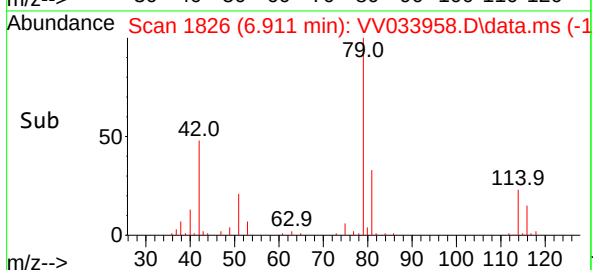
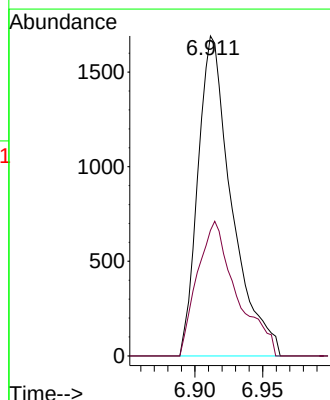
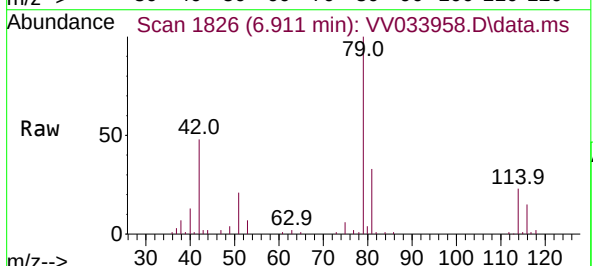
Instrument :
MSVOA_V
ClientSampleId :

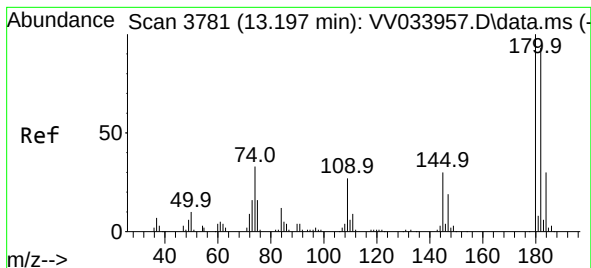
Tgt Ion: 63 Resp: 9105
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.107 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV033958.D
Acq: 02 Feb 2024 09:43

Tgt Ion: 75 Resp: 2926
Ion Ratio Lower Upper
75 100
77 39.3 22.0 41.0





#70

1,2,4-trichlorobenzene

Concen: 1.155 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV033958.D

Acq: 02 Feb 2024 09:43

Instrument :

MSVOA_V

ClientSampleId :

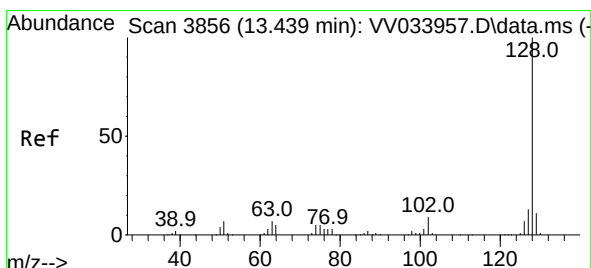
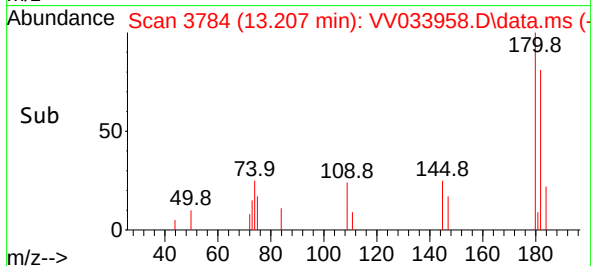
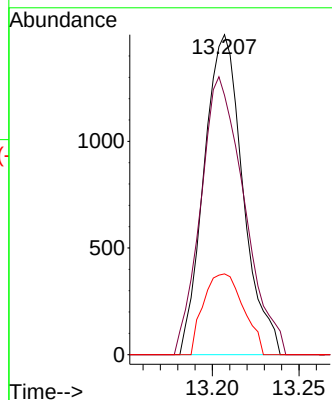
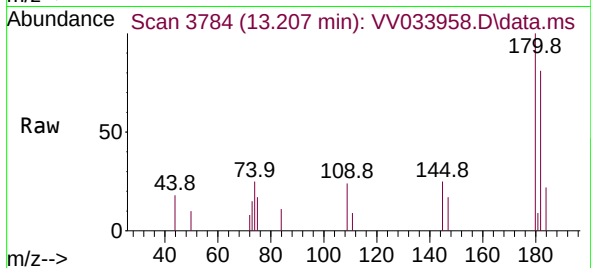
Tgt Ion:180 Resp: 2345

Ion Ratio Lower Upper

180 100

182 97.0 76.3 114.5

145 25.8 25.4 38.0



#71

Naphthalene

Concen: 4.912 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.006 min

Lab File: VV033958.D

Acq: 02 Feb 2024 09:43

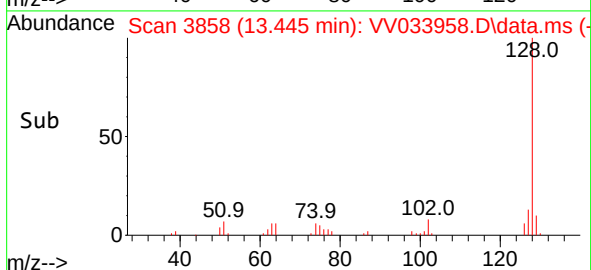
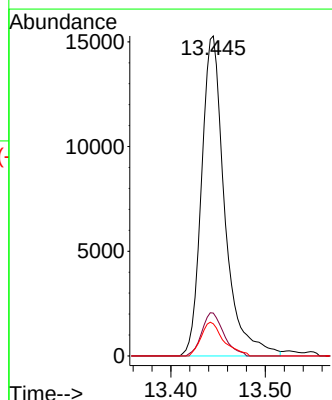
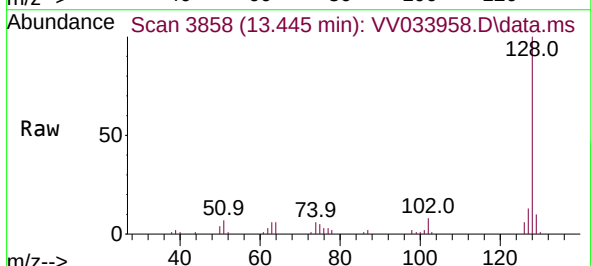
Tgt Ion:128 Resp: 26056

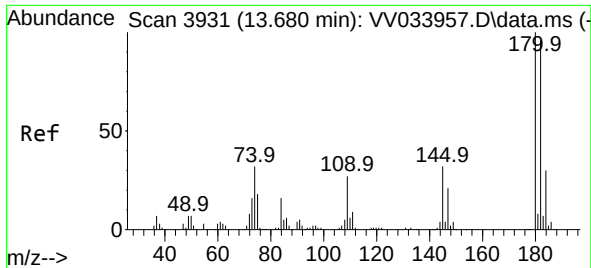
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

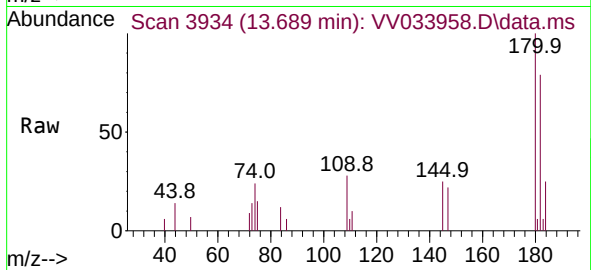
129 10.2 8.6 13.0





#72
1,2,3-Trichlorobenzene
Concen: 1.514 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.010 min
Lab File: VV033958.D
Acq: 02 Feb 2024 09:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.0	114.0
145	31.0	26.3	39.5

