

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042599.D
 Acq On : 26 Jul 2024 14:53
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:08:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:01:18 2024
 Response via : Initial Calibration

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

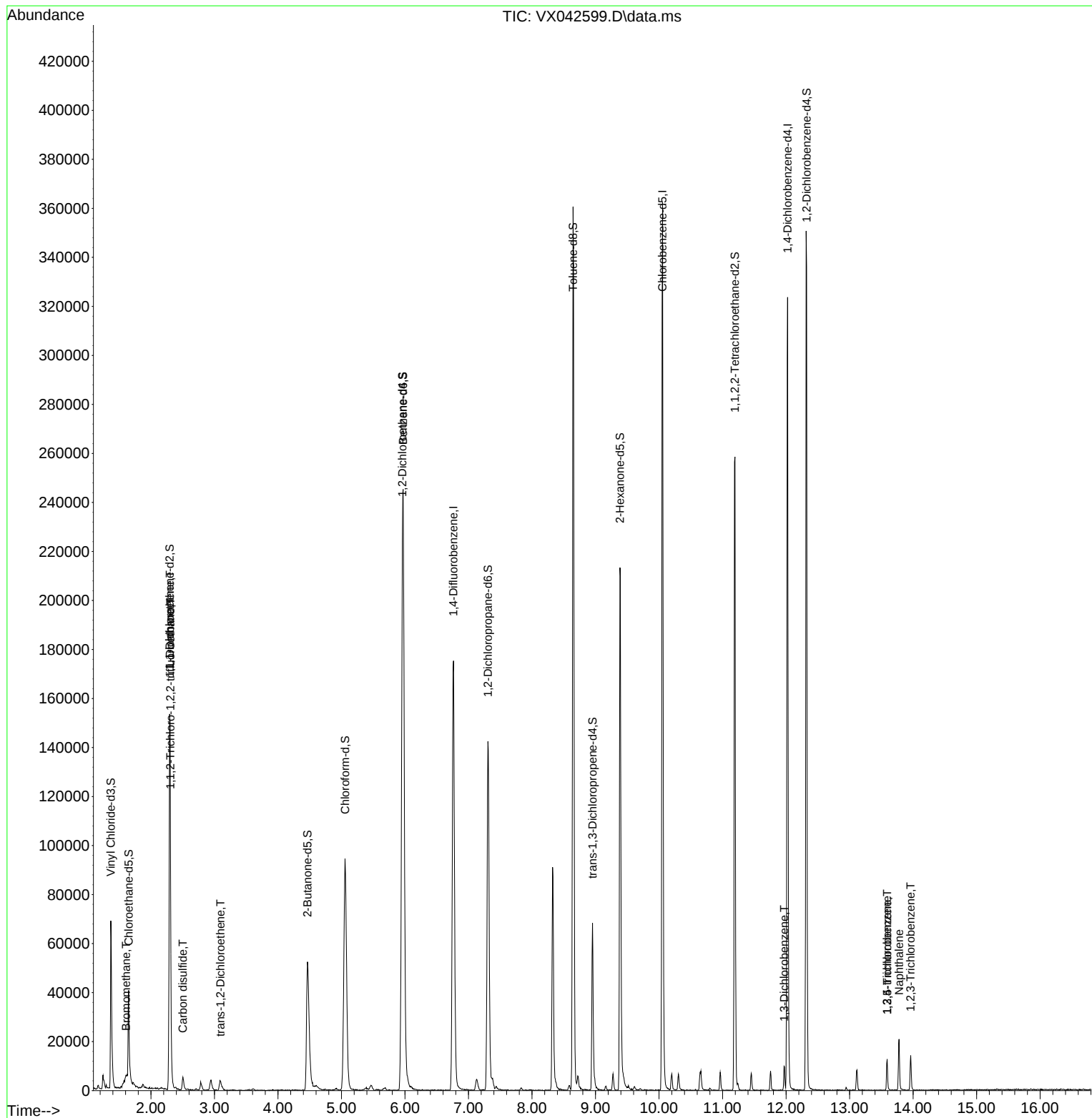
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	180391	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	165172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65584	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	55138	50.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.620%			
7) Chloroethane-d5	1.648	69	22243	49.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.500%			
11) 1,1-Dichloroethene-d2	2.294	65	28151	52.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.260%			
21) 2-Butanone-d5	4.464	46	89694	110.425	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.420%			
24) Chloroform-d	5.056	84	120527	50.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.480%			
26) 1,2-Dichloroethane-d4	5.958	65	82021	52.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.000%			
32) Benzene-d6	5.970	84	247135	53.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.820%			
36) 1,2-Dichloropropane-d6	7.305	67	74193	54.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.380%			
41) Toluene-d8	8.647	98	217710	52.970	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.940%			
43) trans-1,3-Dichloroprop...	8.951	79	32917	51.846	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.700%			
47) 2-Hexanone-d5	9.384	63	65376	107.778	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.780%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	104484	53.488	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.980%			
66) 1,2-Dichlorobenzene-d4	12.323	152	69123	55.769	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.540%			
Target Compounds						Qvalue
6) Bromomethane	1.605	94	683	1.742	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1988	1.560	ug/L #	57
12) 1,1-Dichloroethene	2.300	96	1398	1.199	ug/L #	1
14) Carbon disulfide	2.501	76	7348	2.581	ug/L #	95
17) trans-1,2-Dichloroethene	3.093	96	1899	1.587	ug/L	73
64) 1,3-Dichlorobenzene	11.969	146	3038	1.425	ug/L	94
69) 1,3,5-Trichlorobenzene	13.591	180	3084	2.333	ug/L	91
70) 1,2,4-trichlorobenzene	13.591	180	3084	2.660	ug/L	92
71) Naphthalene	13.780	128	13938	3.117	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	3816	3.178	ug/L	89

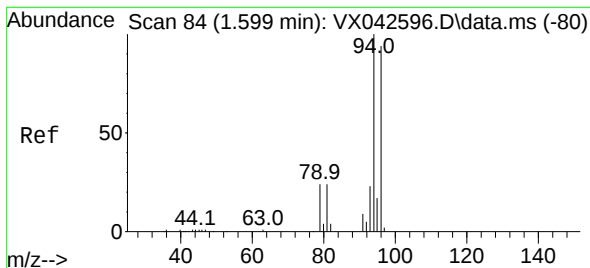
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:01:18 2024
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.742 ug/L

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042599.D

Acq: 26 Jul 2024 14:53

Instrument :

MSVOA_X

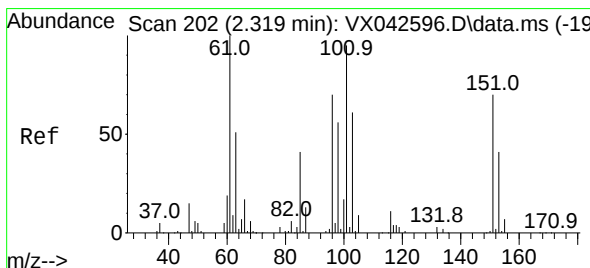
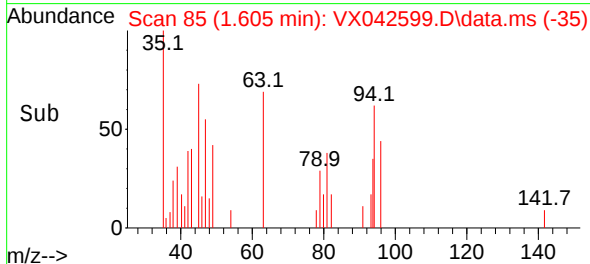
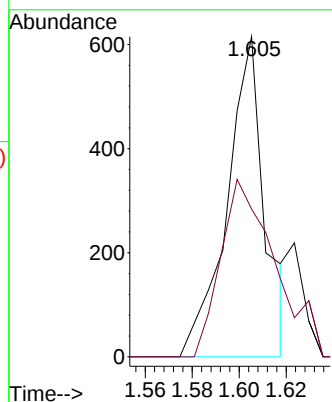
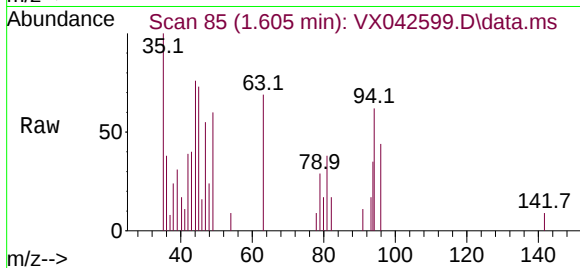
ClientSampleId :

Tgt Ion: 94 Resp: 683

Ion Ratio Lower Upper

94 100

96 46.2 66.1 122.7#



#10

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

Concen: 1.560 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX042599.D

Acq: 26 Jul 2024 14:53

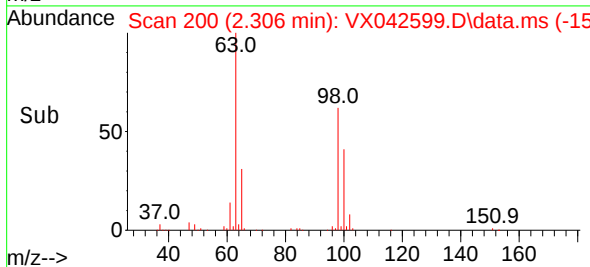
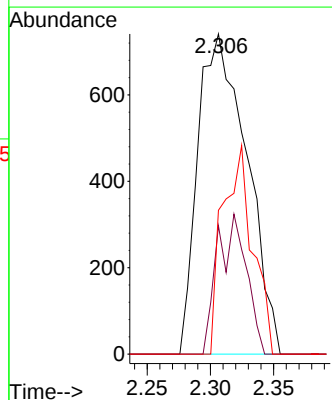
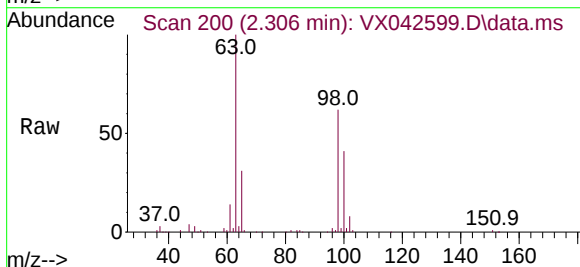
Tgt Ion:101 Resp: 1988

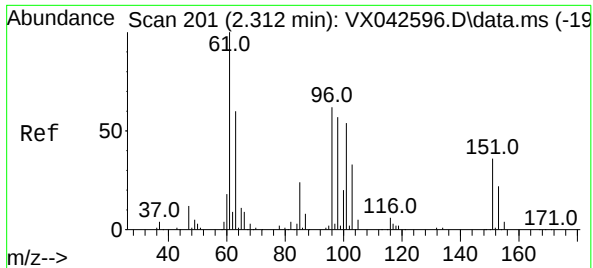
Ion Ratio Lower Upper

101 100

85 26.0 34.4 51.6#

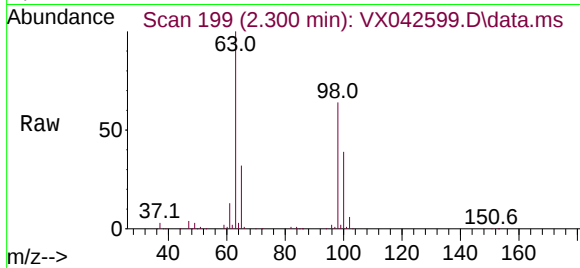
151 27.3 56.6 85.0#



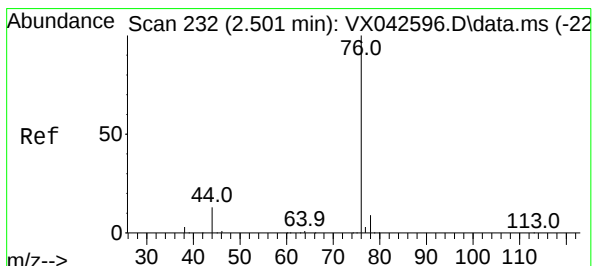
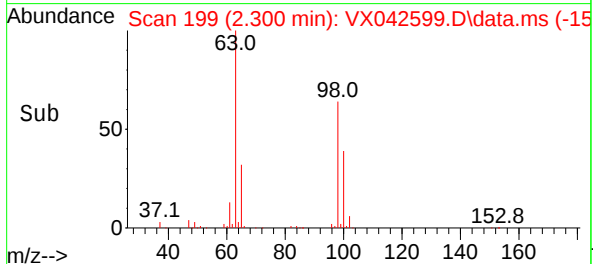
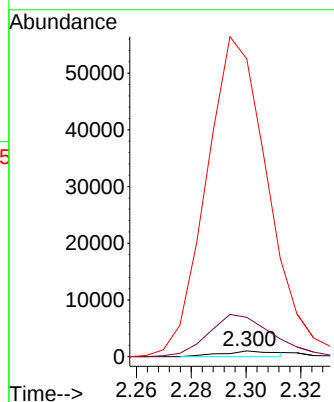


#12
1,1-Dichloroethene
Concen: 1.199 ug/L
RT: 2.300 min Scan# 199
Delta R.T. -0.012 min
Lab File: VX042599.D
Acq: 26 Jul 2024 14:53

Instrument :
MSVOA_X
ClientSampleId :

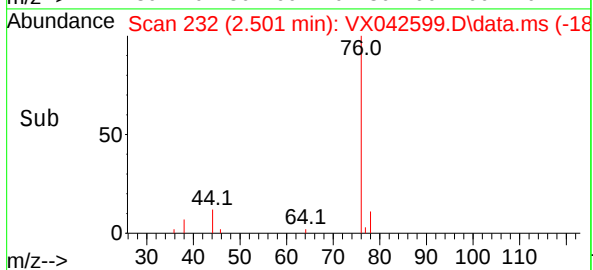
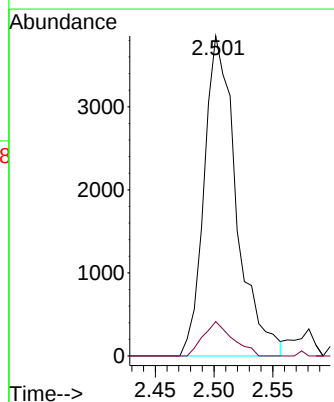
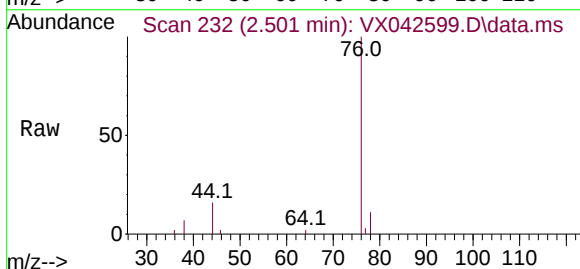


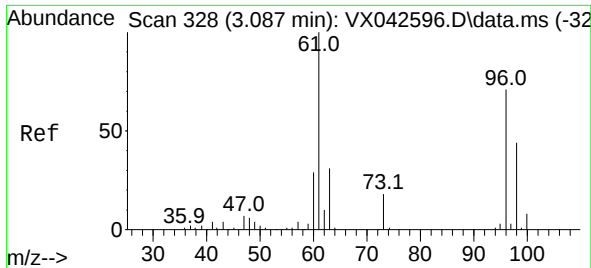
Tgt Ion: 96 Resp: 1398
Ion Ratio Lower Upper
96 100
61 675.7 113.0 209.9#
63 5106.6 70.5 130.9#



#14
Carbon disulfide
Concen: 2.581 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042599.D
Acq: 26 Jul 2024 14:53

Tgt Ion: 76 Resp: 7348
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#

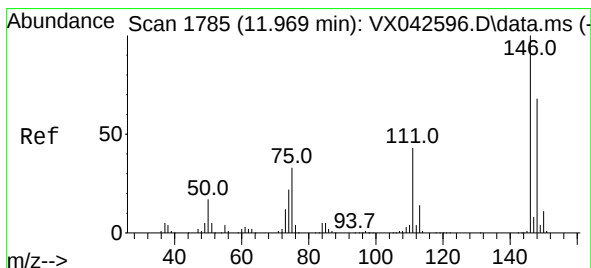
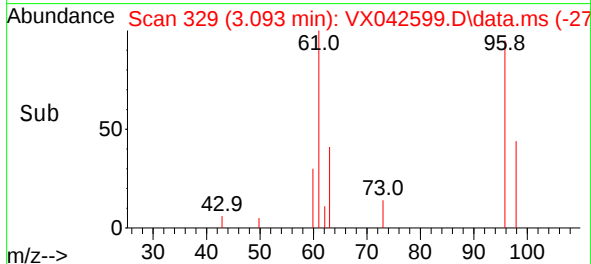
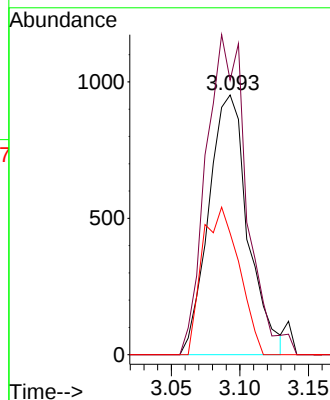
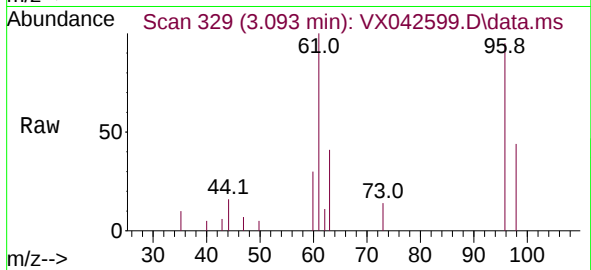




#17
trans-1,2-Dichloroethene
Concen: 1.587 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042599.D
Acq: 26 Jul 2024 14:53

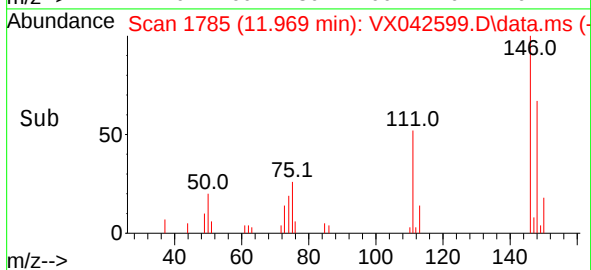
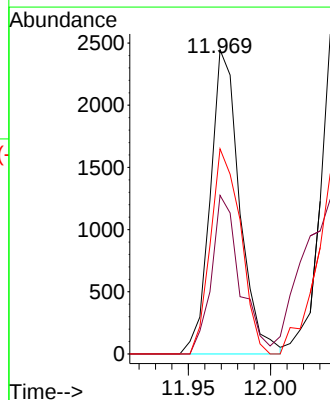
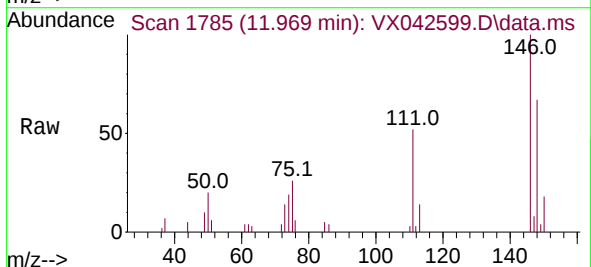
Instrument :
MSVOA_X
ClientSampleId :

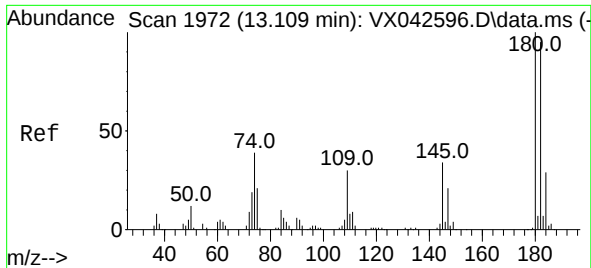
Tgt Ion: 96 Resp: 1899
Ion Ratio Lower Upper
96 100
61 105.7 99.3 184.3
98 46.7 43.8 81.3



#64
1,3-Dichlorobenzene
Concen: 1.425 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042599.D
Acq: 26 Jul 2024 14:53

Tgt Ion:146 Resp: 3038
Ion Ratio Lower Upper
146 100
111 52.1 30.4 56.5
148 67.4 47.7 88.7





#69

1,3,5-Trichlorobenzene

Concen: 2.333 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX042599.D

Acq: 26 Jul 2024 14:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 3084

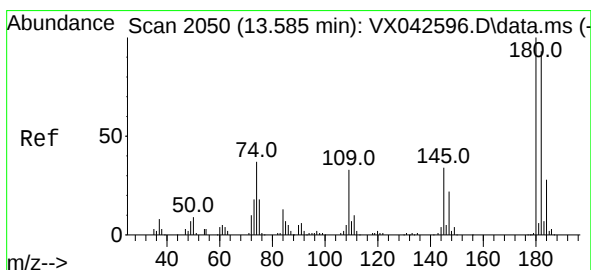
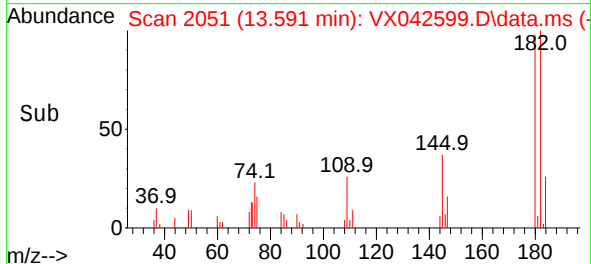
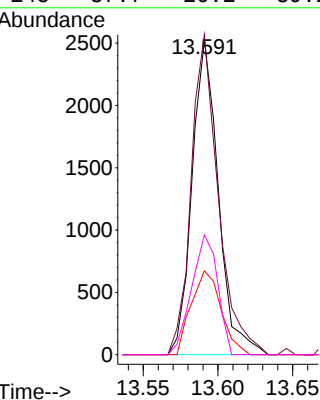
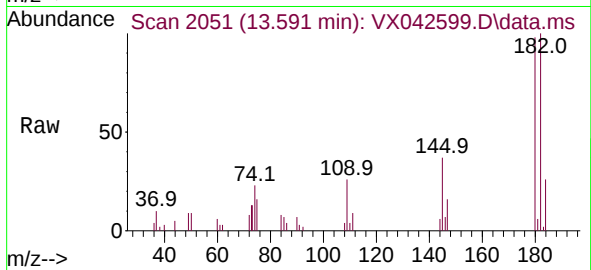
Ion Ratio Lower Upper

180 100

182 105.1 75.4 113.0

184 30.3 23.4 35.0

145 37.7 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 2.660 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042599.D

Acq: 26 Jul 2024 14:53

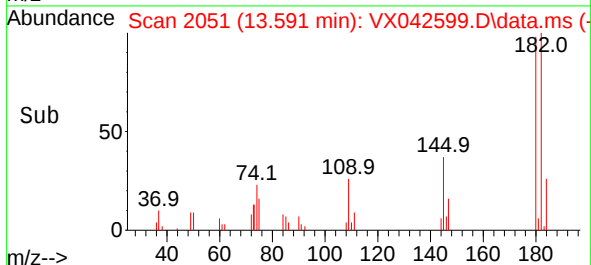
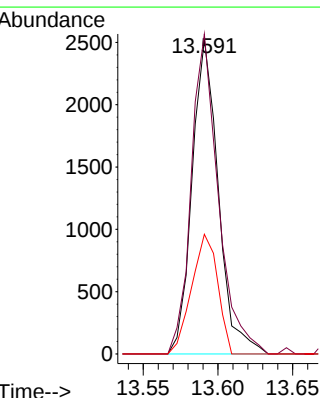
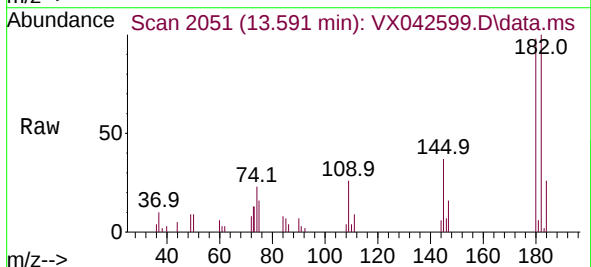
Tgt Ion:180 Resp: 3084

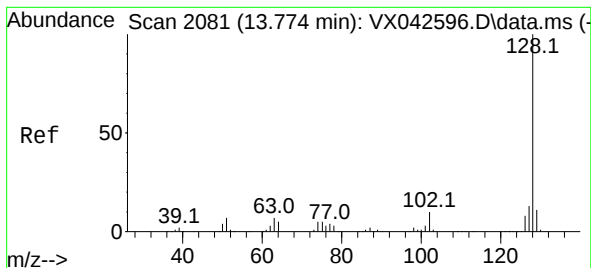
Ion Ratio Lower Upper

180 100

182 105.1 77.0 115.4

145 37.7 27.0 40.6





#71

Naphthalene

Concen: 3.117 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

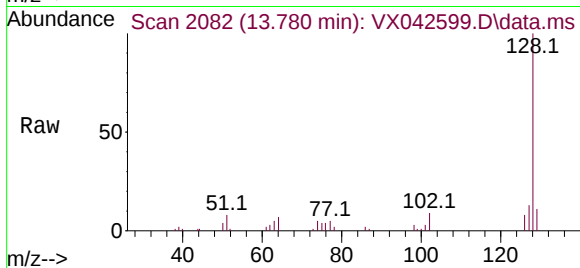
Lab File: VX042599.D

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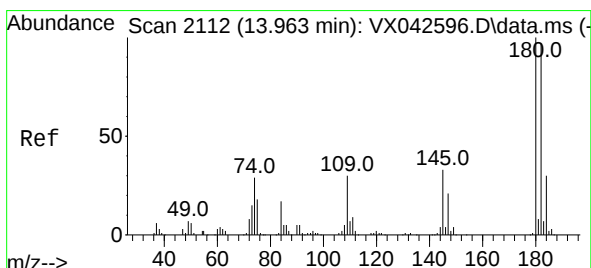
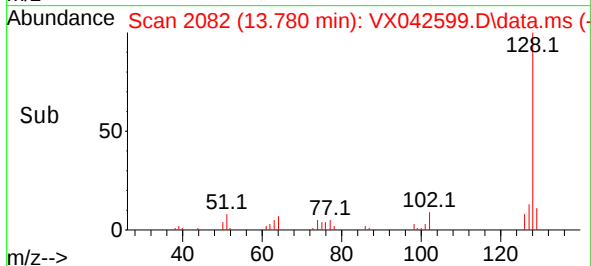
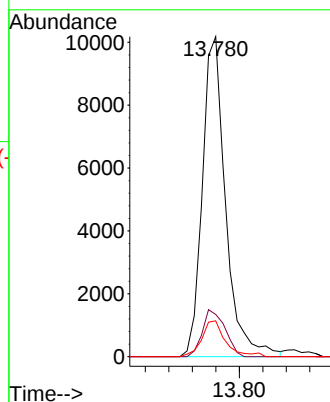
Tgt Ion:128 Resp: 13938

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 3.178 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042599.D

Acq: 26 Jul 2024 14:53

Tgt Ion:180 Resp: 3816

Ion Ratio Lower Upper

180 100

182 83.1 76.2 114.2

145 31.0 27.6 41.4

