

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040286.D
 Acq On : 16 Feb 2024 18:11
 Operator : JC/MD
 Sample : P1507-28
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20240212

Quant Time: Feb 17 01:40:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

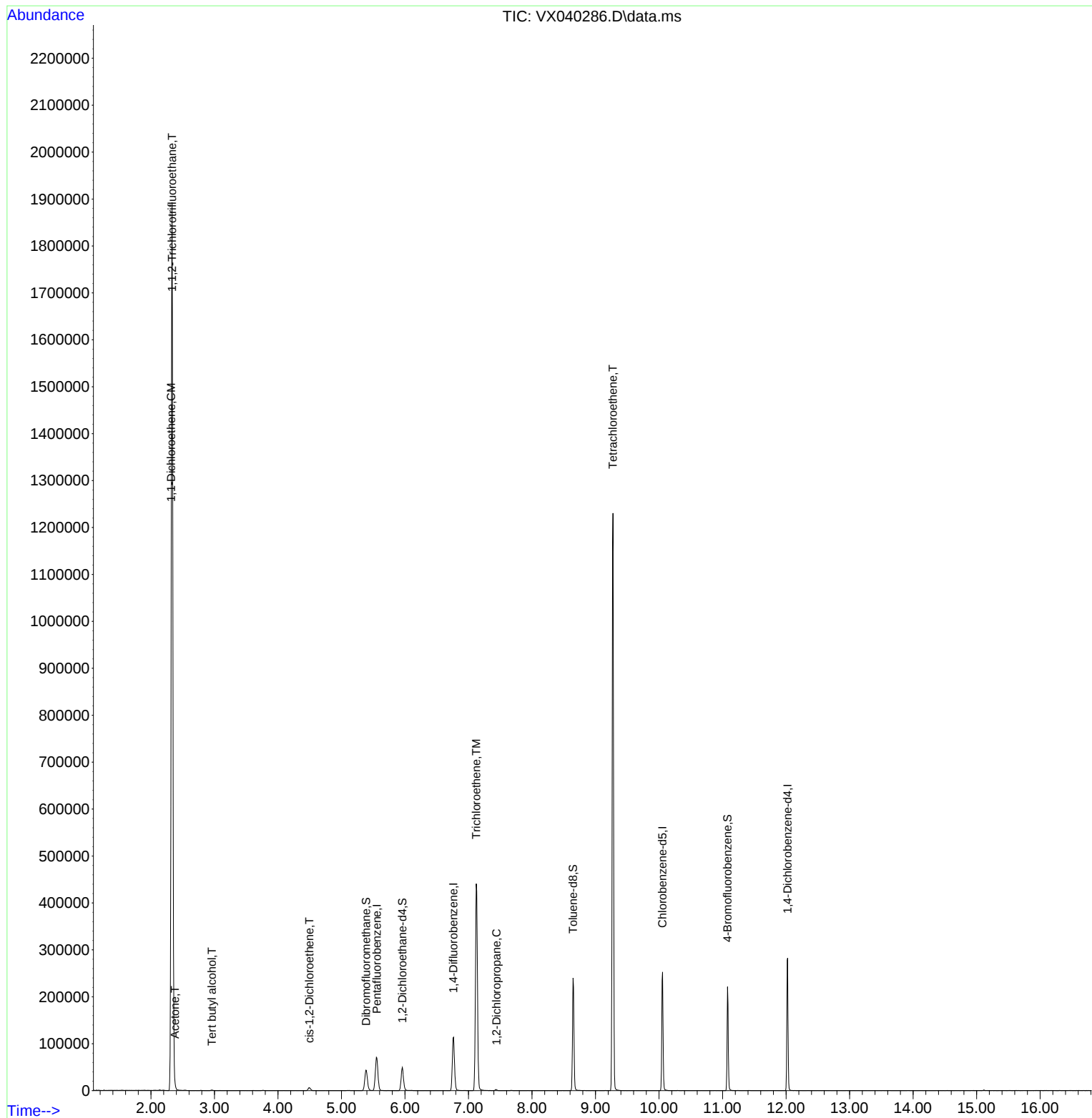
Internal Standards						
1) Pentafluorobenzene	5.556	168	67573	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46467	46.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.440%		
35) Dibromofluoromethane	5.385	113	38746	47.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.647	98	143876	47.187	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	56526	45.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.920%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	730877	1020.023	ug/l	98
11) Tert butyl alcohol	2.959	59	1515	7.737	ug/l	97
12) 1,1-Dichloroethene	2.319	96	5897	8.548	ug/l #	77
16) Acetone	2.380	43	1479	3.582	ug/l #	67
27) cis-1,2-Dichloroethene	4.495	96	4051	4.519	ug/l	82
44) Trichloroethene	7.123	130	166452	188.984	ug/l	99
45) 1,2-Dichloropropane	7.440	63	1048	1.261	ug/l	92
64) Tetrachloroethene	9.275	164	221767	279.888	ug/l	98

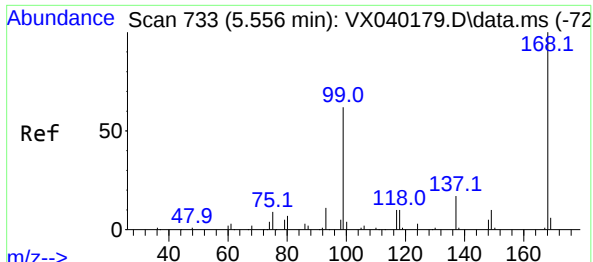
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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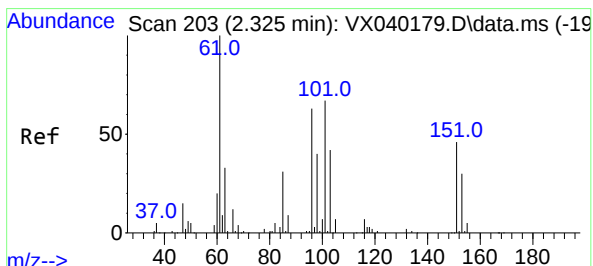
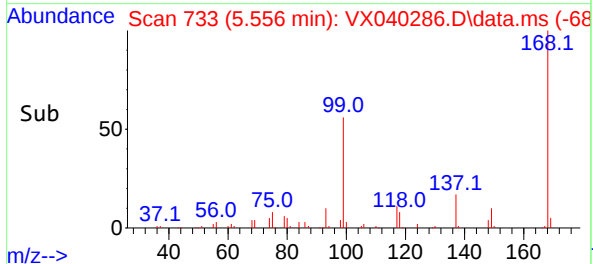
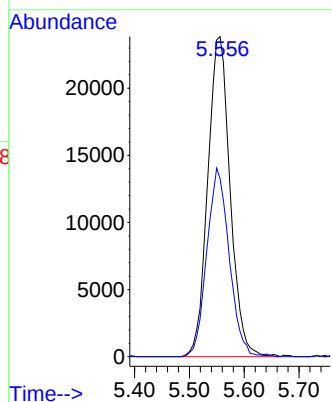
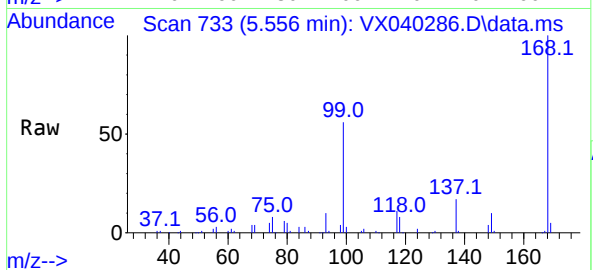




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

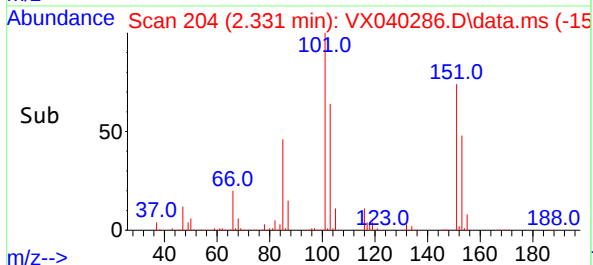
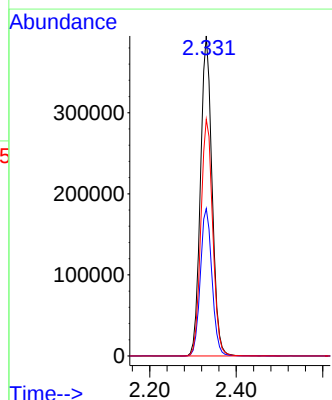
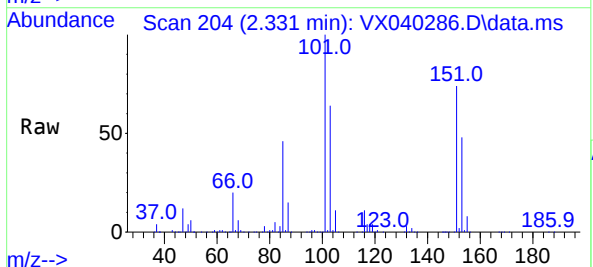
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240212

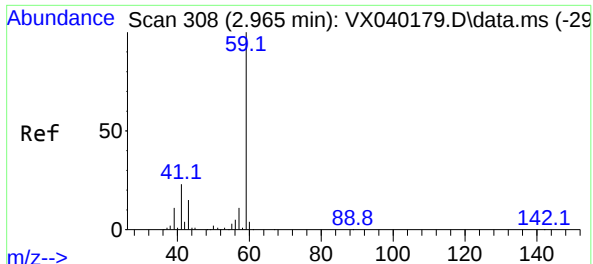
Tgt Ion:168 Resp: 67573
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1020.023 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

Tgt Ion:101 Resp: 730877
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 75.8 58.6 87.8





#11

Tert butyl alcohol

Concen: 7.737 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040286.D

Acq: 16 Feb 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

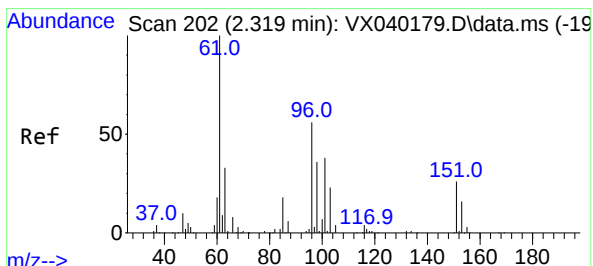
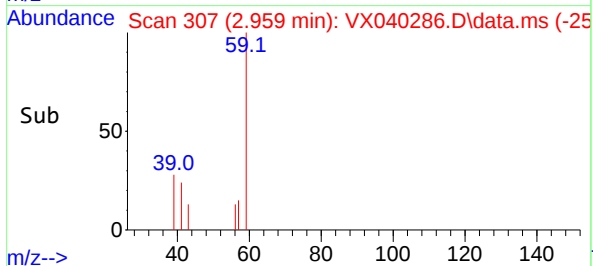
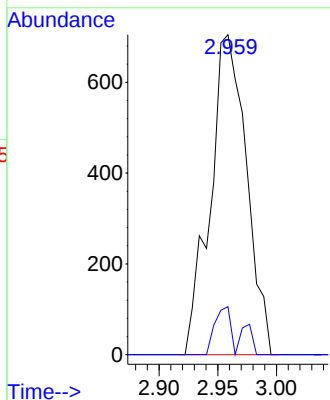
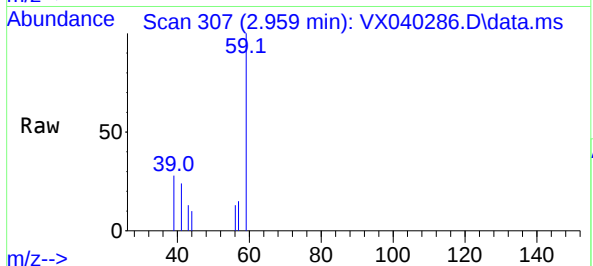
RE134D3-20240212

Tgt Ion: 59 Resp: 1515

Ion Ratio Lower Upper

59 100

57 6.5 6.0 9.0



#12

1,1-Dichloroethene

Concen: 8.548 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040286.D

Acq: 16 Feb 2024 18:11

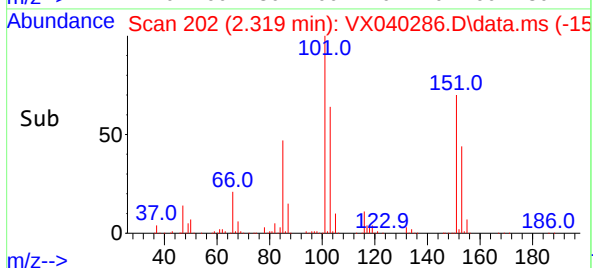
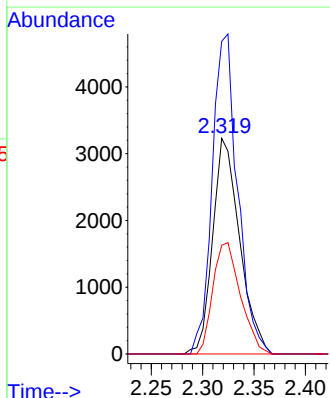
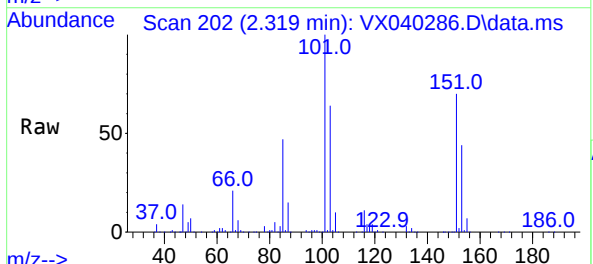
Tgt Ion: 96 Resp: 5897

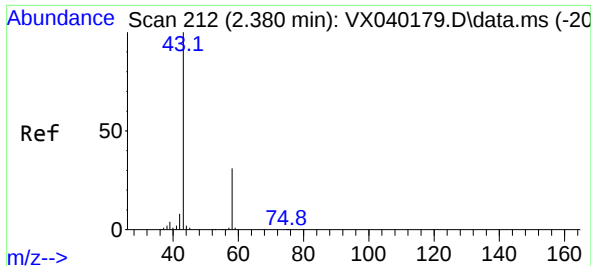
Ion Ratio Lower Upper

96 100

61 145.0 144.6 216.8

98 50.4 50.4 75.6#

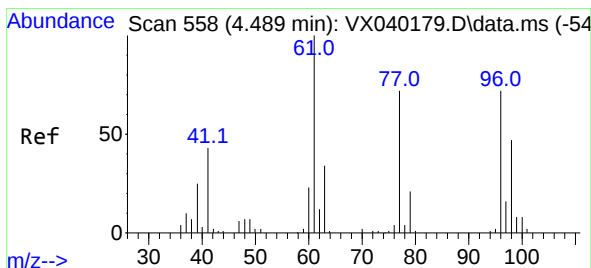
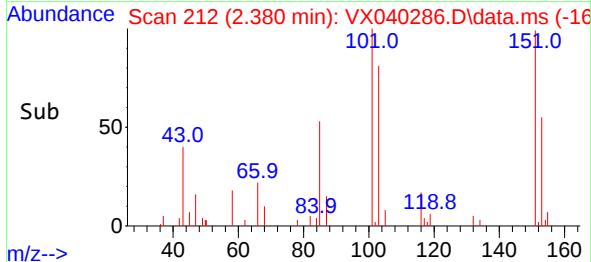
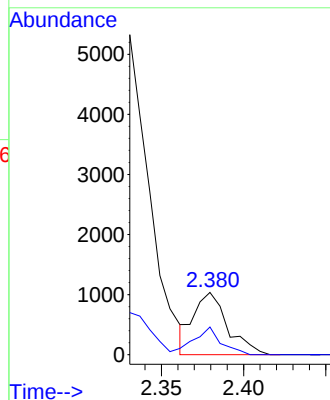
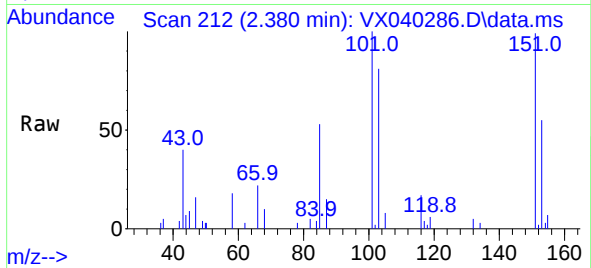




#16
Acetone
Concen: 3.582 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

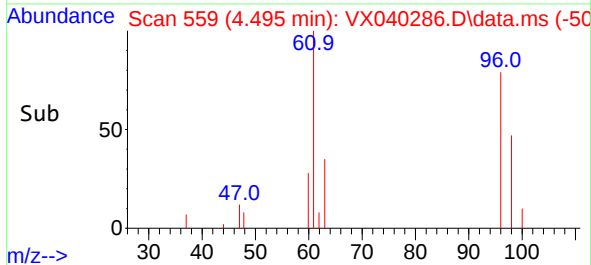
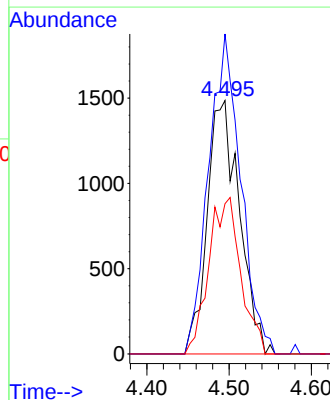
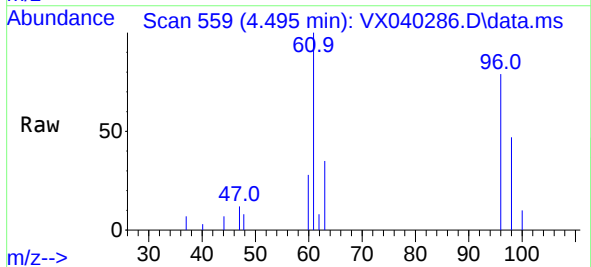
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240212

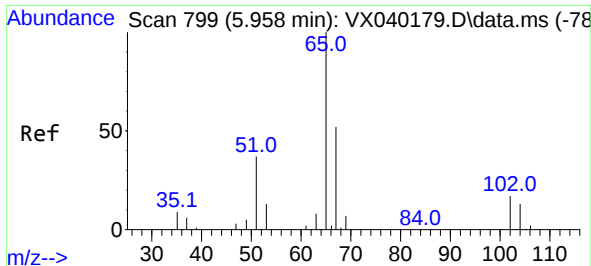
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 44.4 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 4.519 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

Tgt Ion: 96 Resp: 4051
Ion Ratio Lower Upper
96 100
61 125.6 0.0 312.2
98 61.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.223 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040286.D

Acq: 16 Feb 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

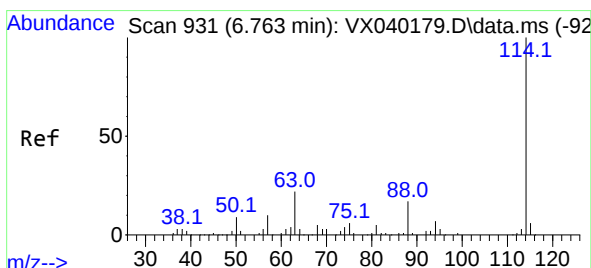
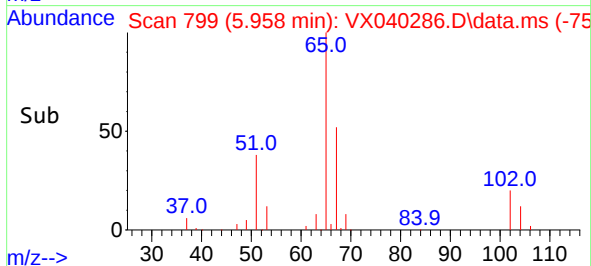
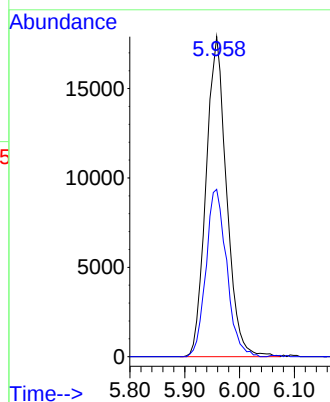
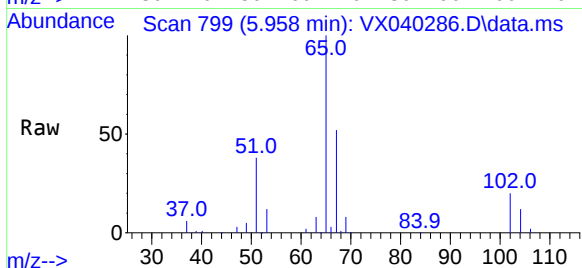
RE134D3-20240212

Tgt Ion: 65 Resp: 46467

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040286.D

Acq: 16 Feb 2024 18:11

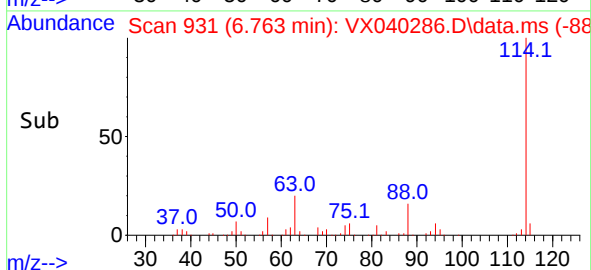
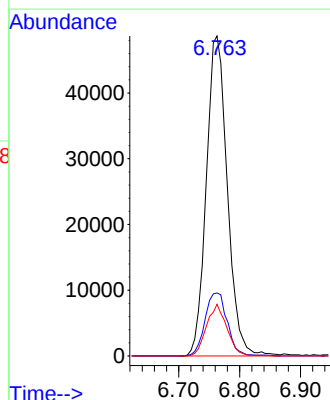
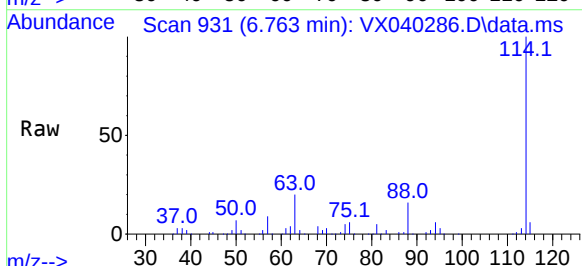
Tgt Ion:114 Resp: 116719

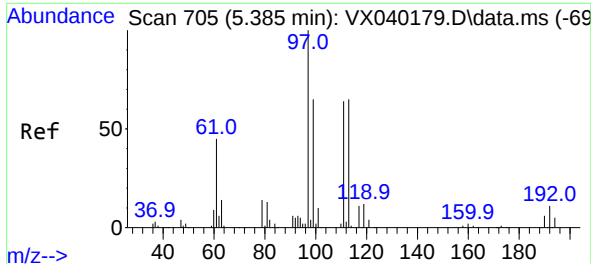
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.535 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040286.D

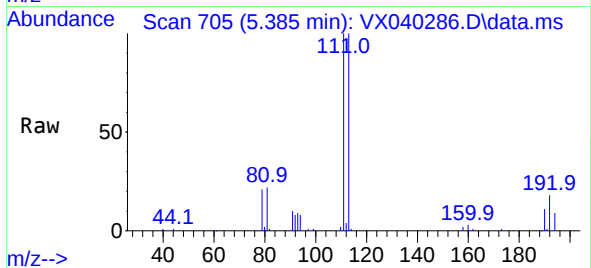
Acq: 16 Feb 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20240212



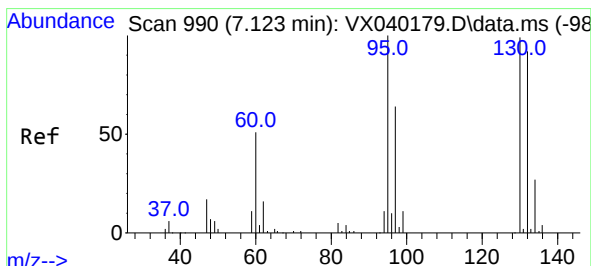
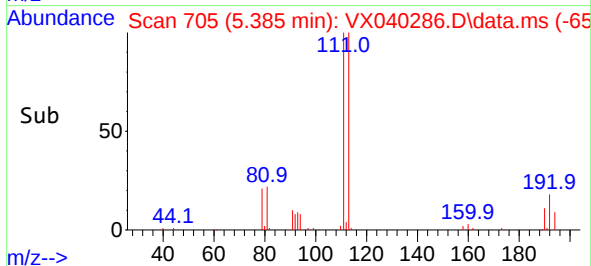
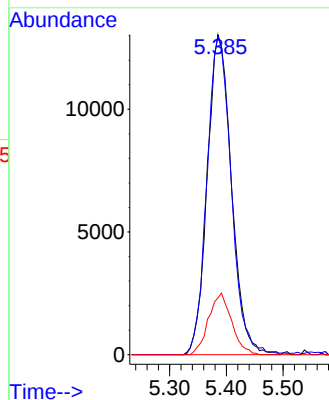
Tgt Ion:113 Resp: 38746

Ion Ratio Lower Upper

113 100

111 99.6 82.9 124.3

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 188.984 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040286.D

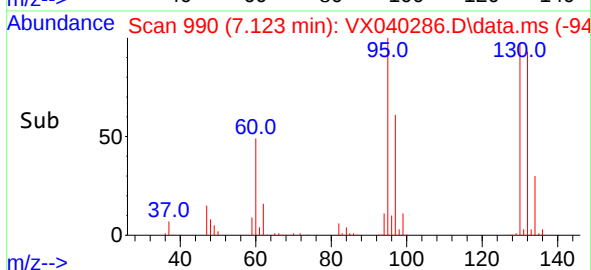
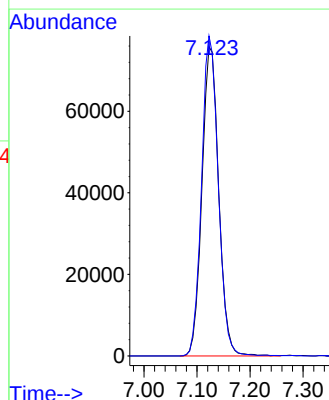
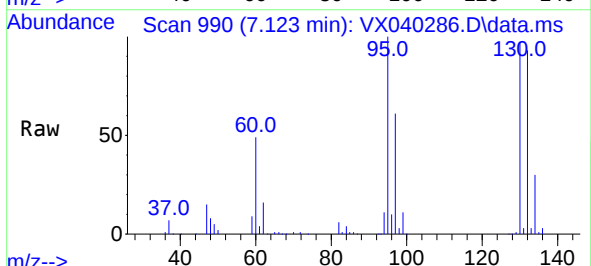
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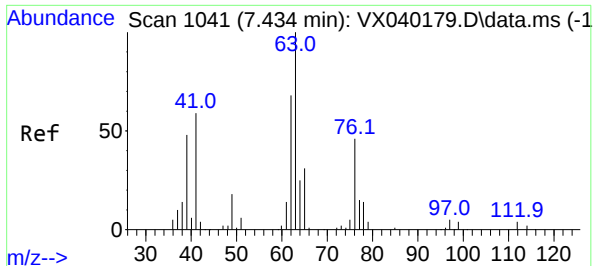
Tgt Ion:130 Resp: 166452

Ion Ratio Lower Upper

130 100

95 103.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 1.261 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VX040286.D

Acq: 16 Feb 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

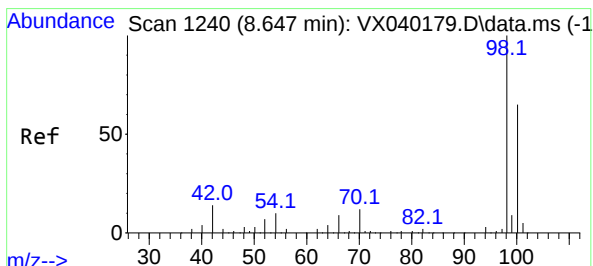
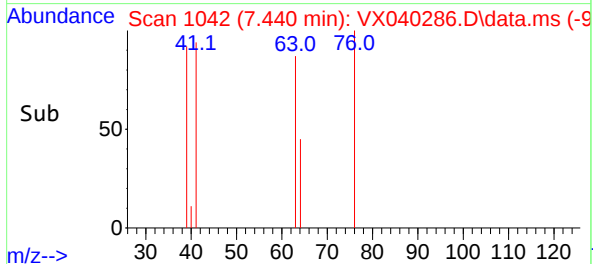
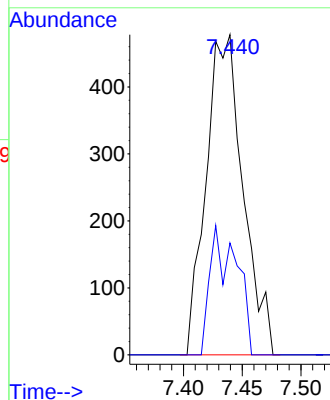
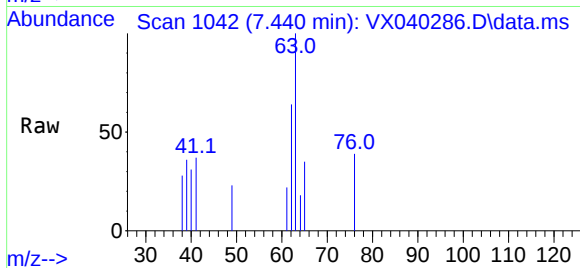
RE134D3-20240212

Tgt Ion: 63 Resp: 1048

Ion Ratio Lower Upper

63 100

65 34.9 24.3 36.5



#50

Toluene-d8

Concen: 47.187 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040286.D

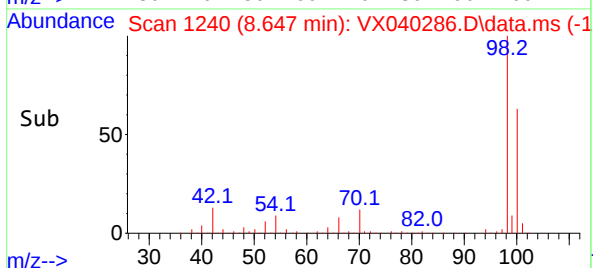
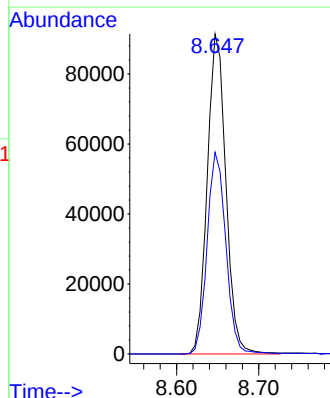
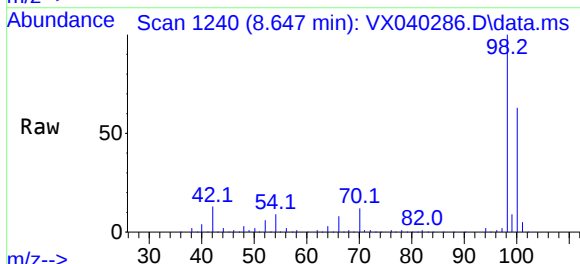
Acq: 16 Feb 2024 18:11

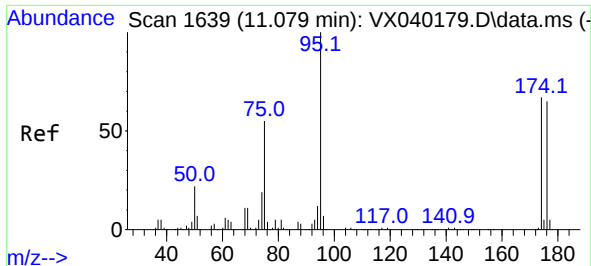
Tgt Ion: 98 Resp: 143876

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

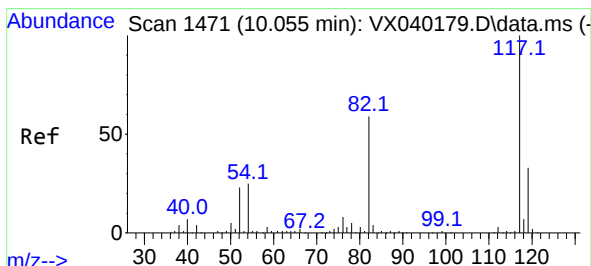
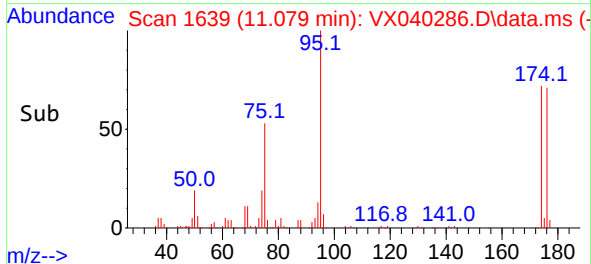
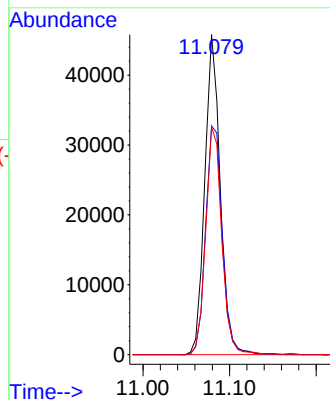
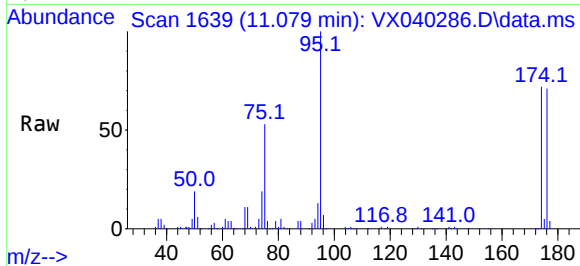




#62
4-Bromofluorobenzene
Concen: 45.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

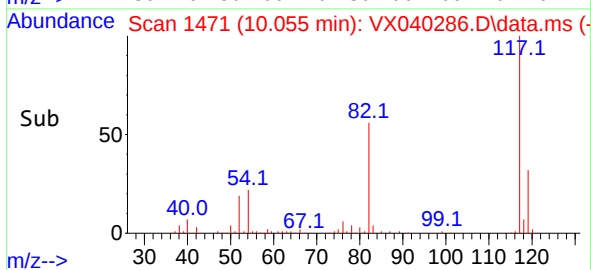
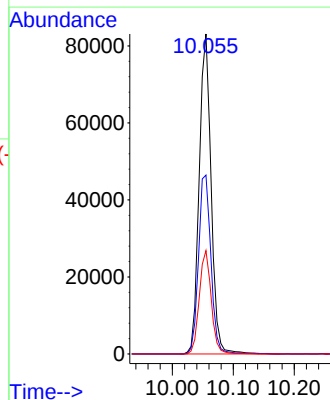
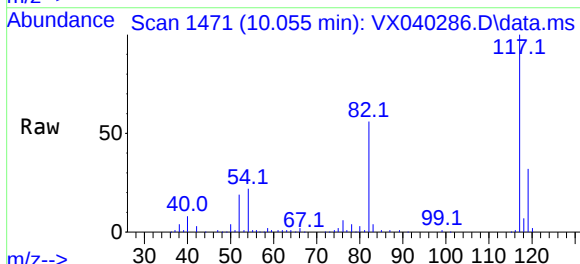
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240212

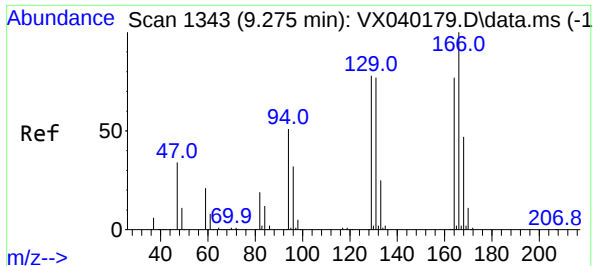
Tgt Ion: 95 Resp: 56526
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

Tgt Ion: 117 Resp: 113068
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.3 25.5 38.3

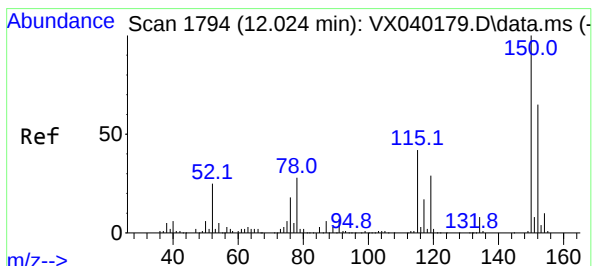
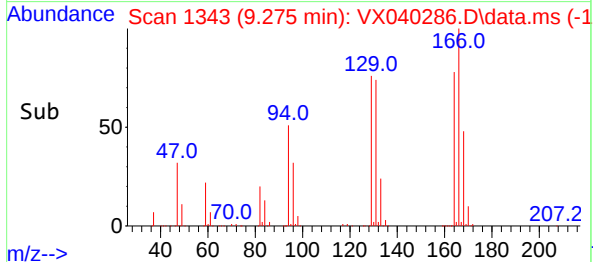
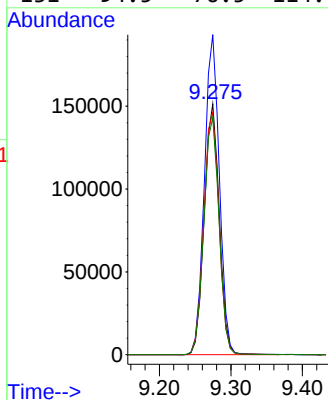
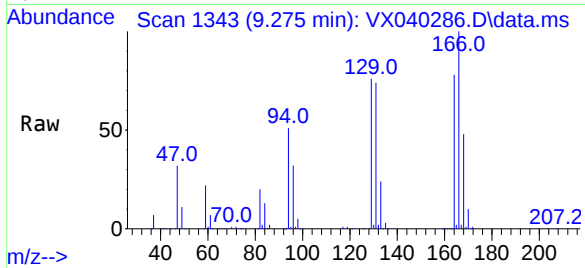




#64
Tetrachloroethene
Concen: 279.888 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20240212

Tgt Ion:164 Resp: 221767
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 96.6 80.4 120.6
131 94.5 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040286.D
Acq: 16 Feb 2024 18:11

Tgt Ion:152 Resp: 58405
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 159.1 0.0 345.0

