

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040274.D
 Acq On : 16 Feb 2024 13:36
 Operator : JC/MD
 Sample : P1507-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20240212

Quant Time: Feb 17 01:35:05 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)

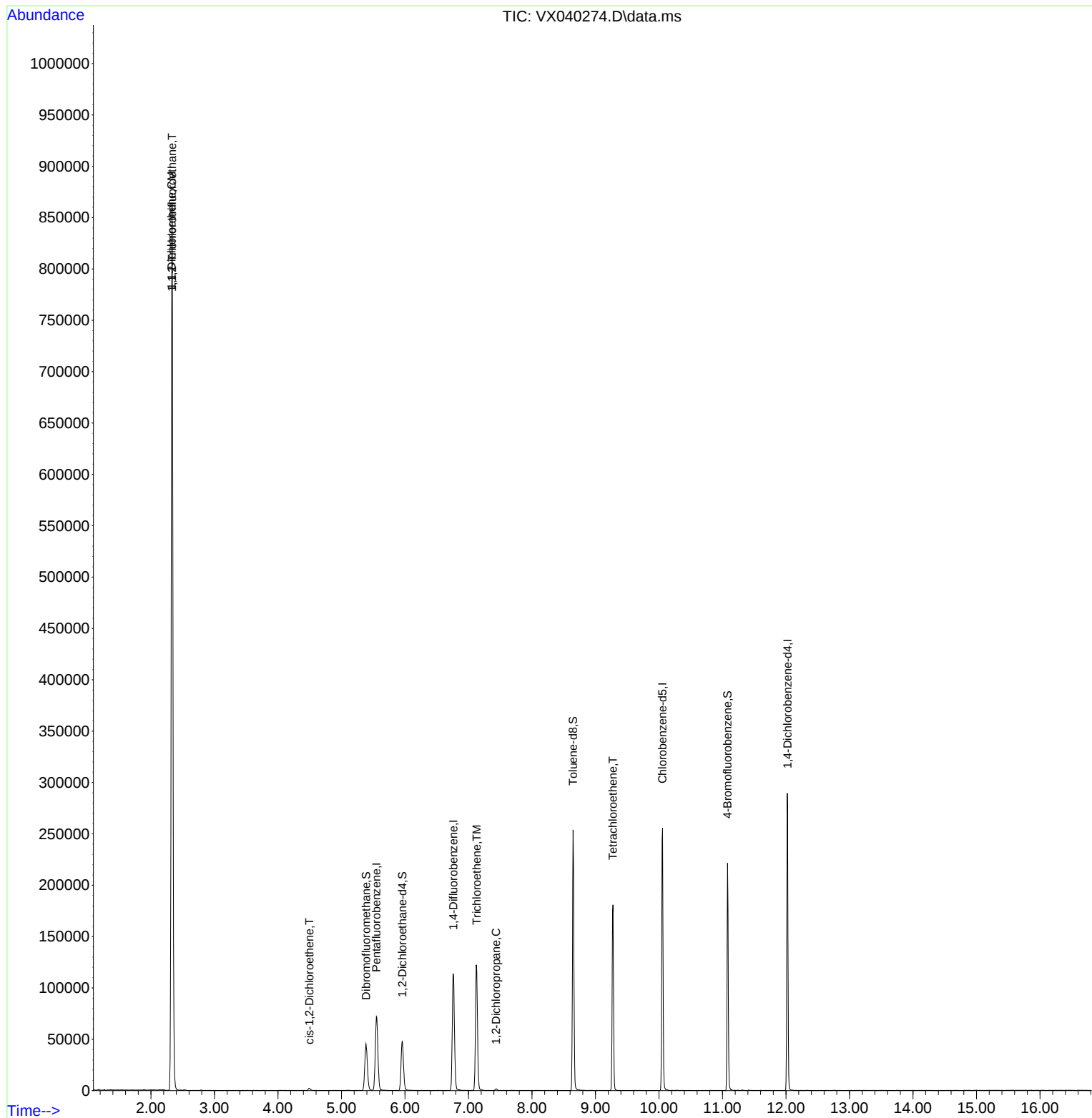
Internal Standards						
1) Pentafluorobenzene	5.550	168	68969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	117266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46979	45.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.580%
35) Dibromofluoromethane	5.385	113	38626	47.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	146337	47.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.079	95	56776	45.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	329931	451.137	ug/l	97
12) 1,1-Dichloroethene	2.325	96	1855	2.634	ug/l #	70
27) cis-1,2-Dichloroethene	4.495	96	1520	1.661	ug/l	74
44) Trichloroethene	7.129	130	46665	52.735	ug/l	91
45) 1,2-Dichloropropane	7.434	63	897	1.074	ug/l	91
64) Tetrachloroethene	9.275	164	33998	42.140	ug/l	97

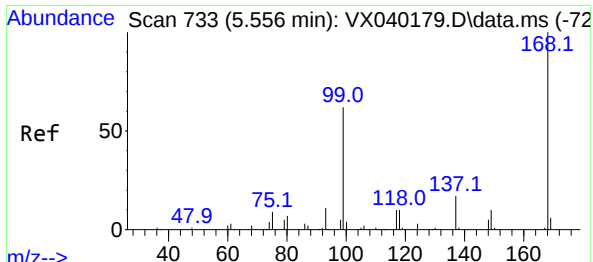
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE134D4-20240212

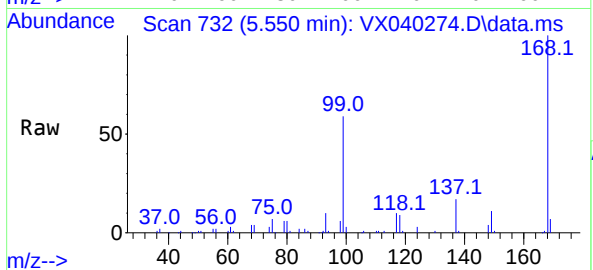
Quant Time: Feb 17 01:35:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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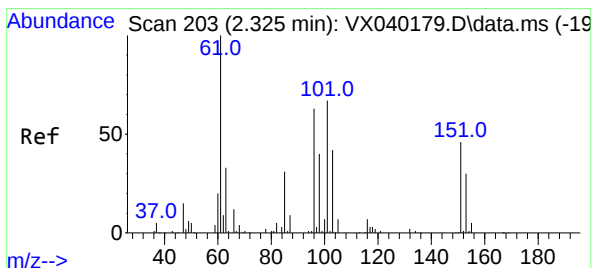
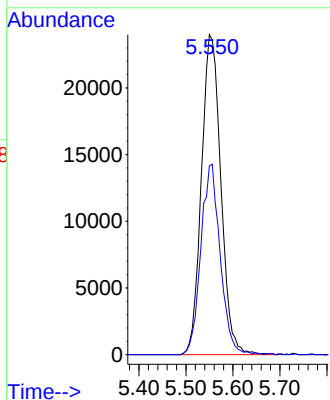


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040274.D
Acq: 16 Feb 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212

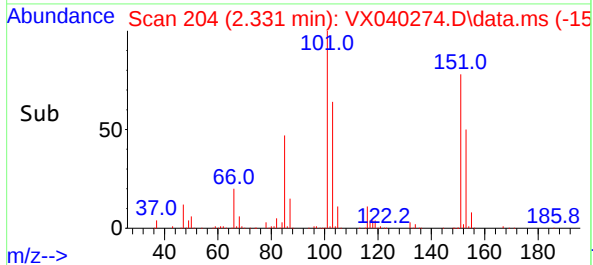
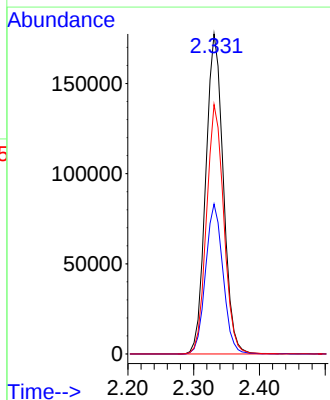
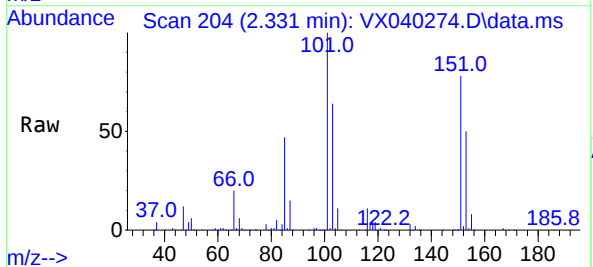


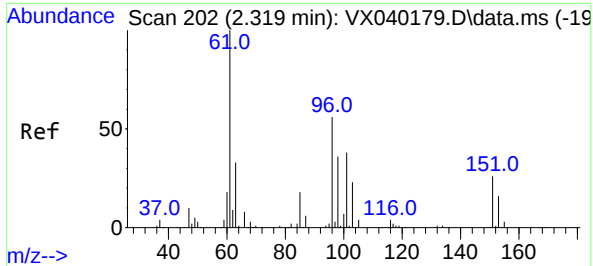
Tgt Ion:168 Resp: 68969
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 451.137 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040274.D
Acq: 16 Feb 2024 13:36

Tgt Ion:101 Resp: 329931
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 76.9 58.6 87.8





#12

1,1-Dichloroethene

Concen: 2.634 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040274.D

Acq: 16 Feb 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20240212

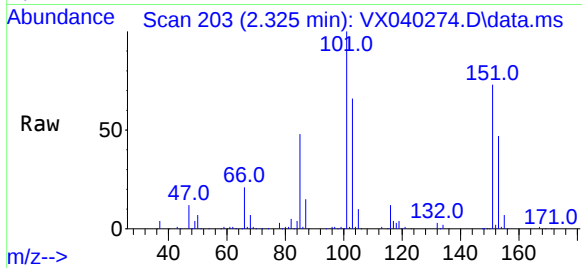
Tgt Ion: 96 Resp: 1855

Ion Ratio Lower Upper

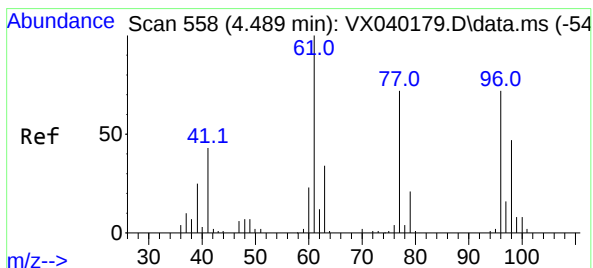
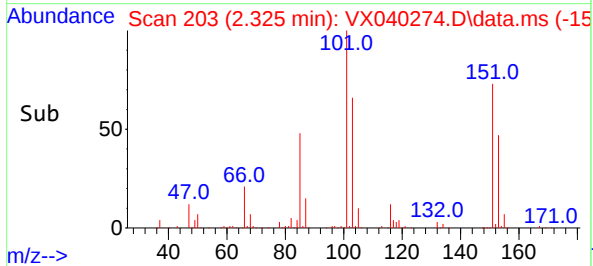
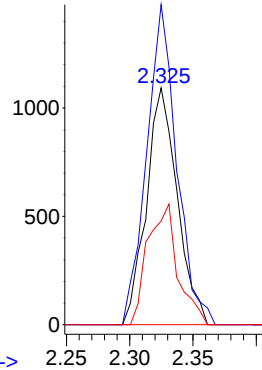
96 100

61 135.1 144.6 216.8#

98 43.8 50.4 75.6#



Abundance



#27

cis-1,2-Dichloroethene

Concen: 1.661 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX040274.D

Acq: 16 Feb 2024 13:36

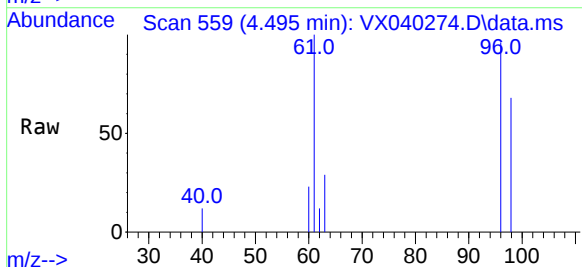
Tgt Ion: 96 Resp: 1520

Ion Ratio Lower Upper

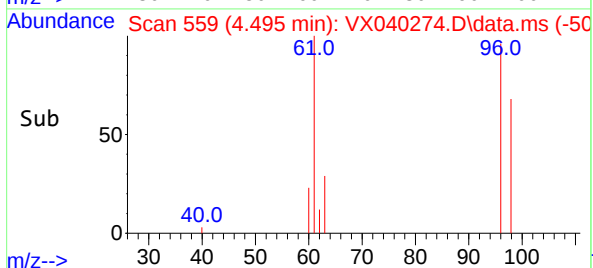
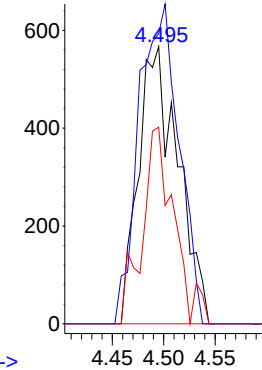
96 100

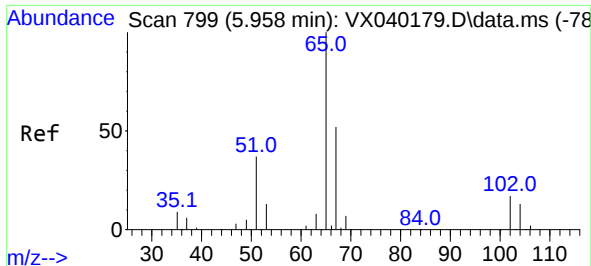
61 116.6 0.0 312.2

98 53.4 0.0 129.0



Abundance





#33

1,2-Dichloroethane-d4

Concen: 45.786 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040274.D

Acq: 16 Feb 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

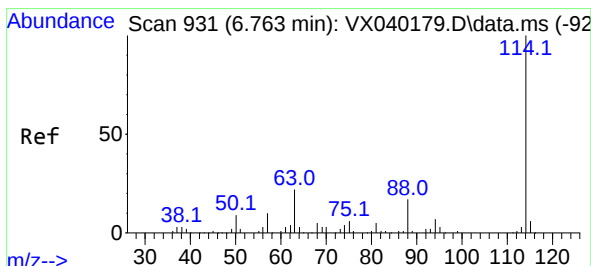
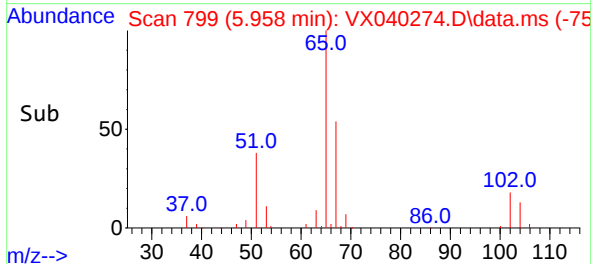
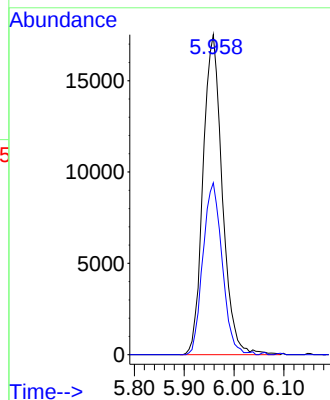
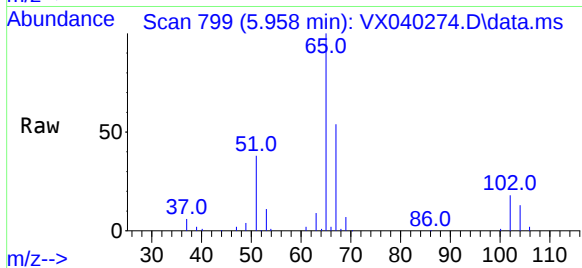
RE134D4-20240212

Tgt Ion: 65 Resp: 46979

Ion Ratio Lower Upper

65 100

67 53.7 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: VX040274.D

Acq: 16 Feb 2024 13:36

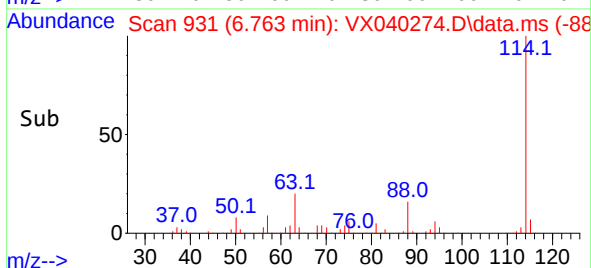
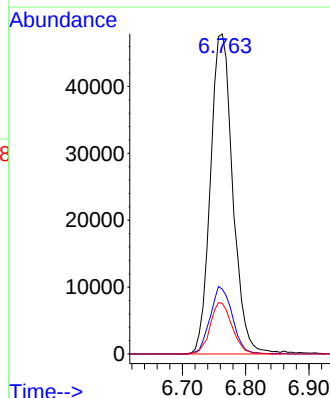
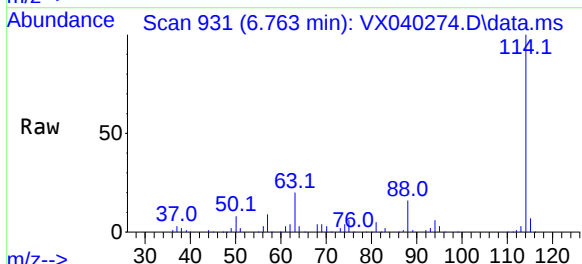
Tgt Ion: 114 Resp: 117266

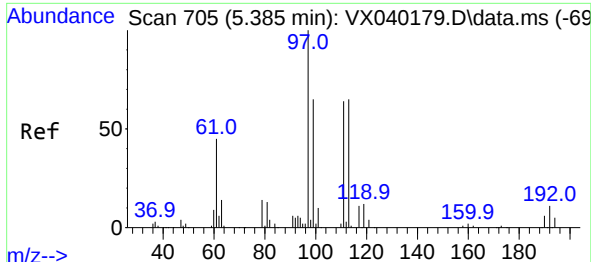
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.167 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040274.D

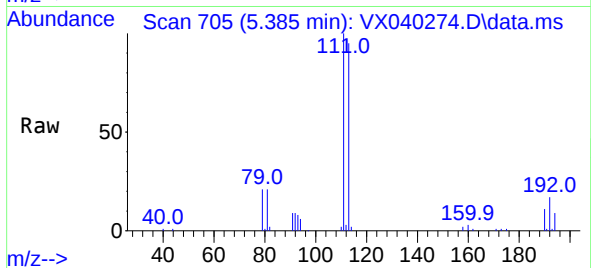
Acq: 16 Feb 2024 13:36

Instrument :

MSVOA_X

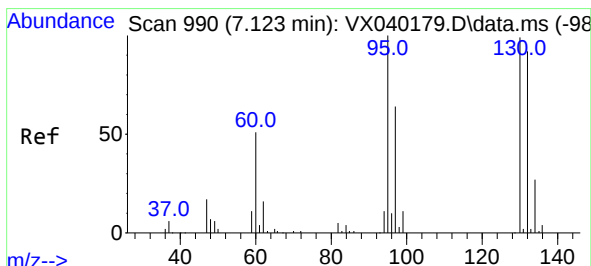
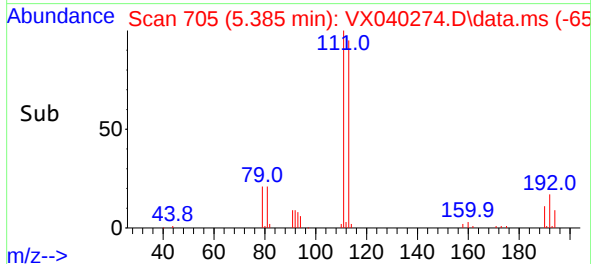
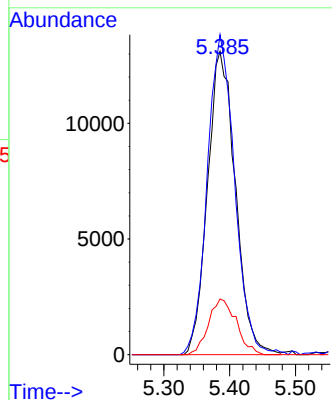
ClientSampleId :

RE134D4-20240212



Tgt Ion:113 Resp: 38626

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.4	13.3	19.9



#44

Trichloroethene

Concen: 52.735 ug/l

RT: 7.129 min Scan# 991

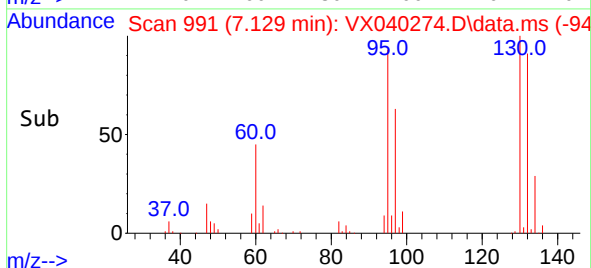
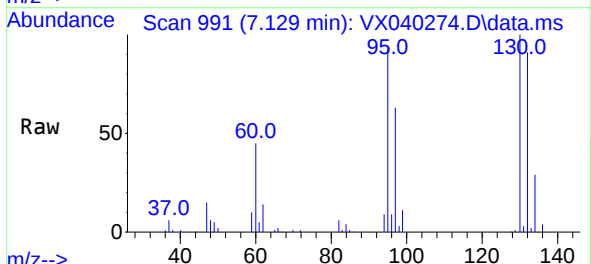
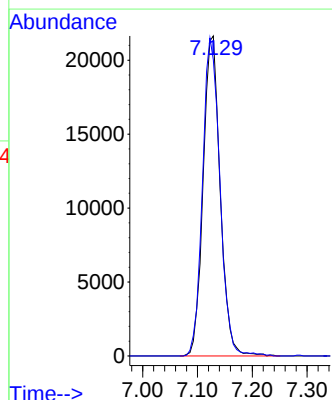
Delta R.T. 0.000 min

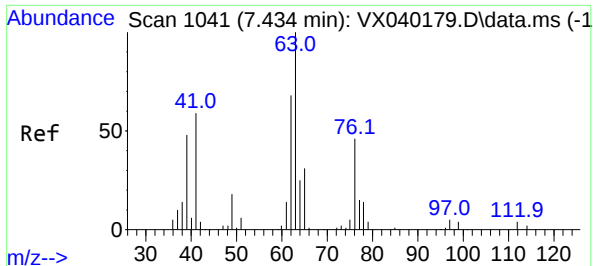
Lab File: VX040274.D

Acq: 16 Feb 2024 13:36

Tgt Ion:130 Resp: 46665

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	204.4





#45

1,2-Dichloropropane

Concen: 1.074 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040274.D

Acq: 16 Feb 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

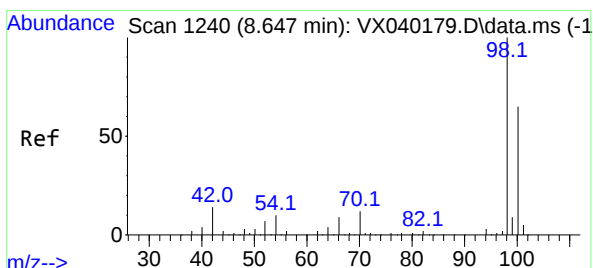
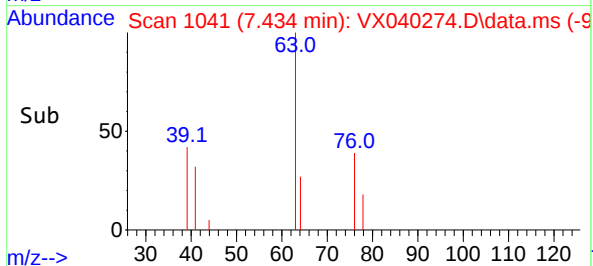
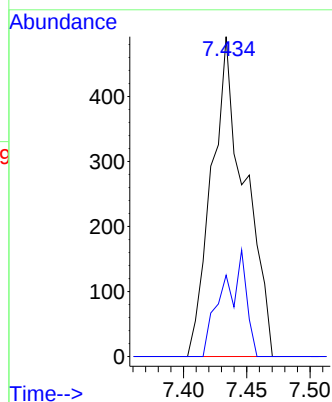
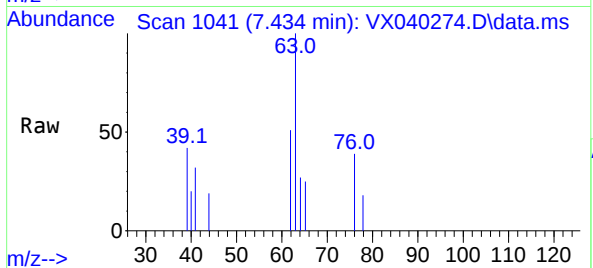
RE134D4-20240212

Tgt Ion: 63 Resp: 897

Ion Ratio Lower Upper

63 100

65 25.4 24.3 36.5



#50

Toluene-d8

Concen: 47.770 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040274.D

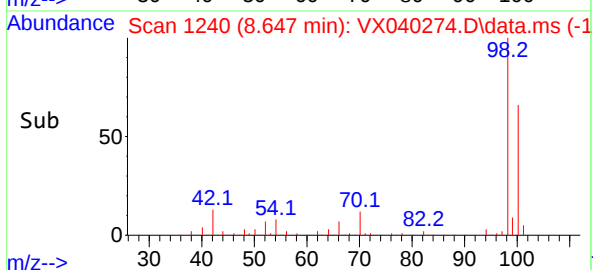
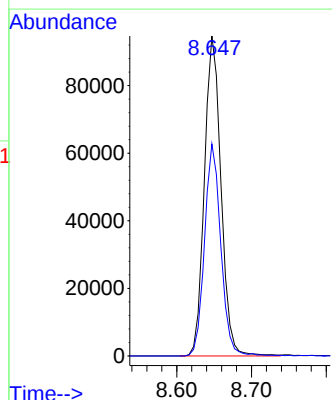
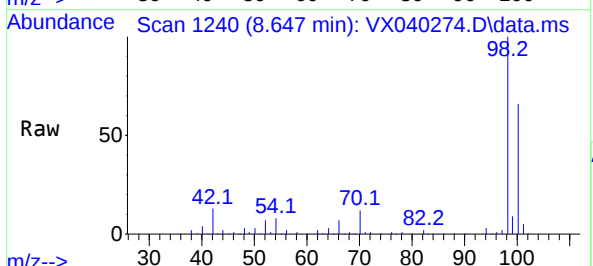
Acq: 16 Feb 2024 13:36

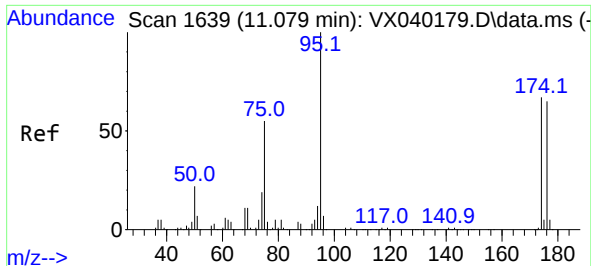
Tgt Ion: 98 Resp: 146337

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7

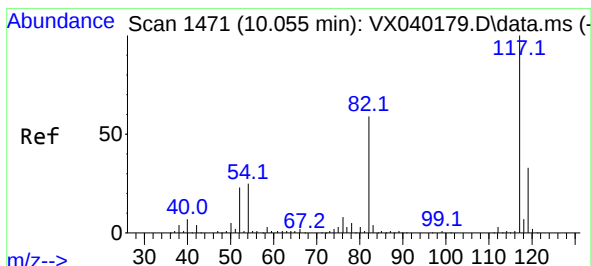
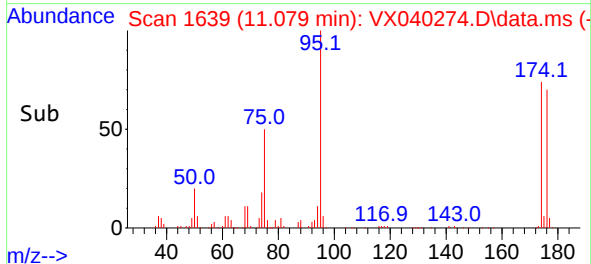
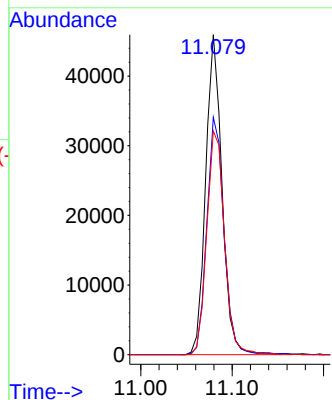
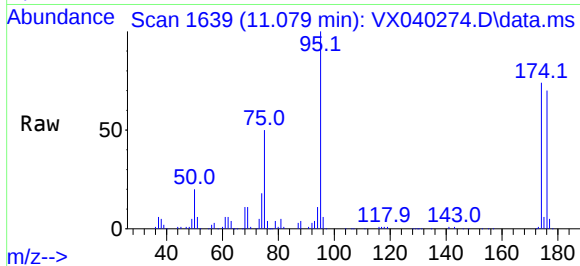




#62
4-Bromofluorobenzene
Concen: 45.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040274.D
Acq: 16 Feb 2024 13:36

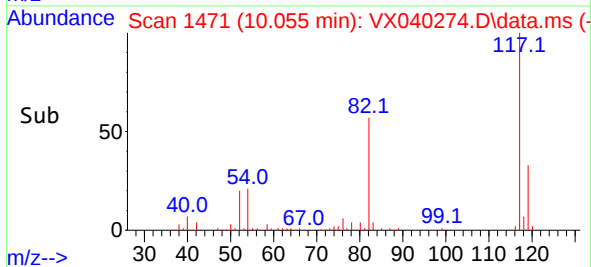
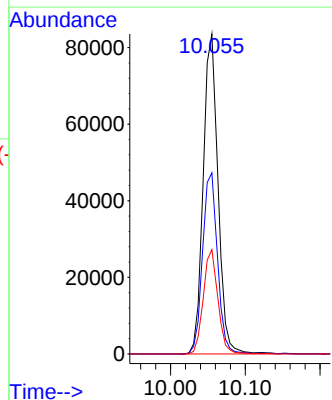
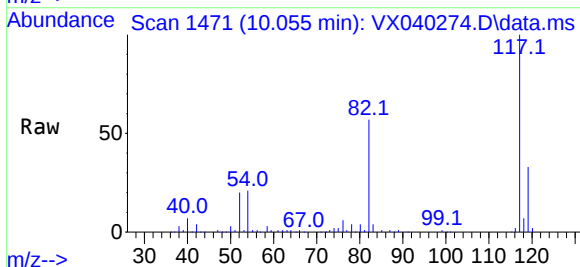
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212

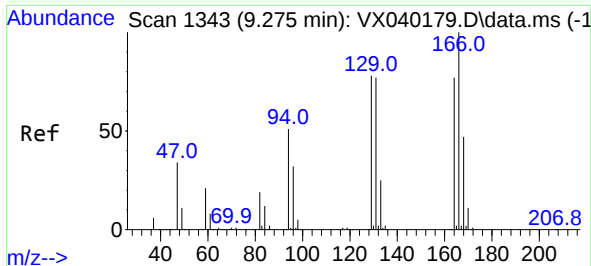
Tgt Ion: 95 Resp: 56776
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 75.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040274.D
Acq: 16 Feb 2024 13:36

Tgt Ion: 117 Resp: 115128
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.6 25.5 38.3



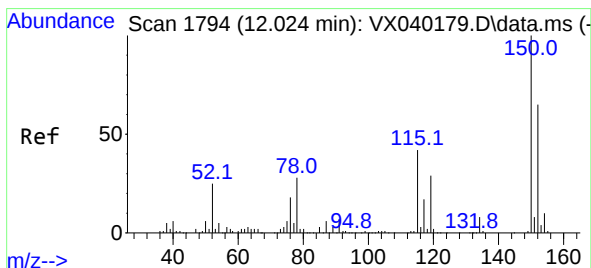
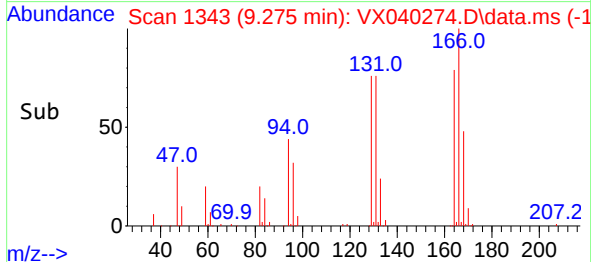
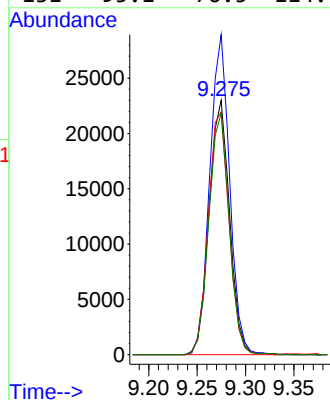
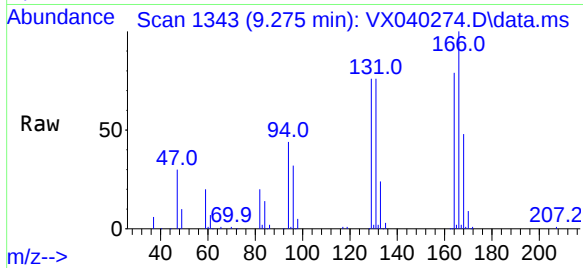


#64
Tetrachloroethene
Concen: 42.140 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040274.D
Acq: 16 Feb 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212

Tgt Ion:164 Resp: 33998

Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.7	154.1
129	95.5	80.4	120.6
131	95.1	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: VX040274.D
Acq: 16 Feb 2024 13:36

Tgt Ion:152 Resp: 59061

Ion	Ratio	Lower	Upper
152	100		
115	59.7	43.3	129.9
150	156.5	0.0	345.0

