

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040275.D
 Acq On : 16 Feb 2024 13:59
 Operator : JC/MD
 Sample : P1507-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214

Quant Time: Feb 17 03:36:14 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)

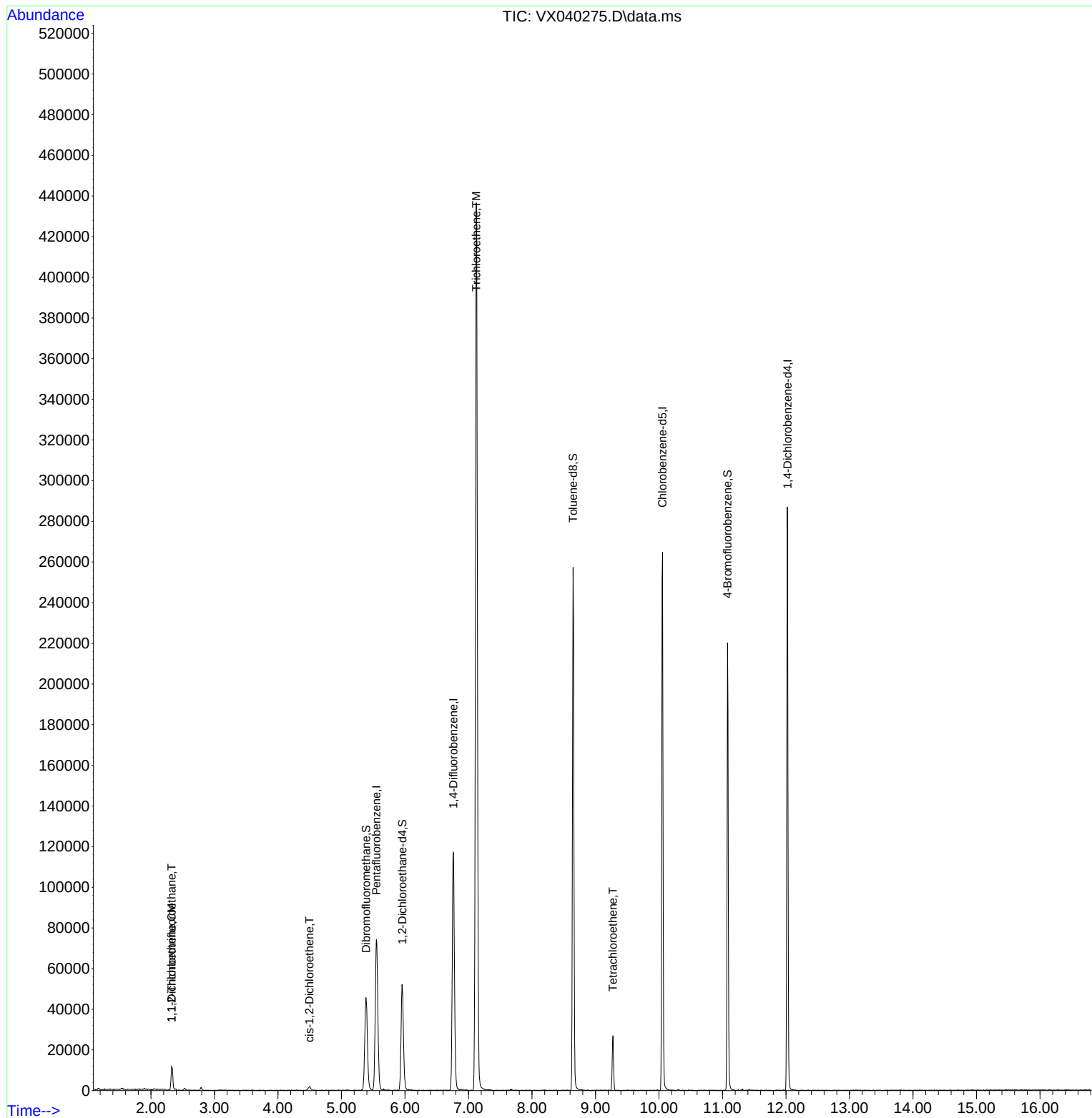
Internal Standards						
1) Pentafluorobenzene	5.550	168	71630	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49267	46.232	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.460%
35) Dibromofluoromethane	5.385	113	40028	47.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	148347	46.897	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.800%
62) 4-Bromofluorobenzene	11.079	95	57296	44.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	4128	5.435	ug/l	90
12) 1,1-Dichloroethene	2.325	96	569	0.778	ug/l	79
27) cis-1,2-Dichloroethene	4.495	96	1297	1.365	ug/l	81
44) Trichloroethene	7.123	130	163918	179.387	ug/l	98
64) Tetrachloroethene	9.275	164	4590	5.513	ug/l	99

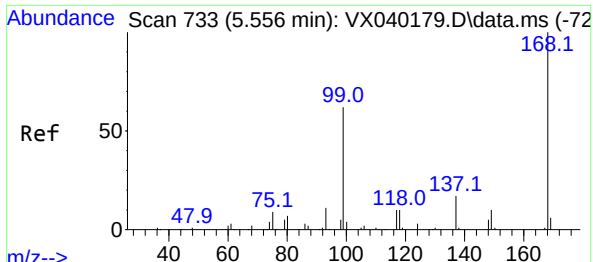
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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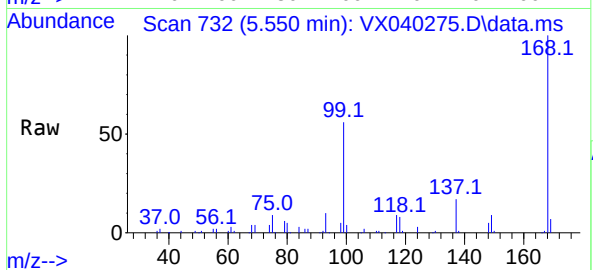
Quant Time: Feb 17 03:36:14 2024
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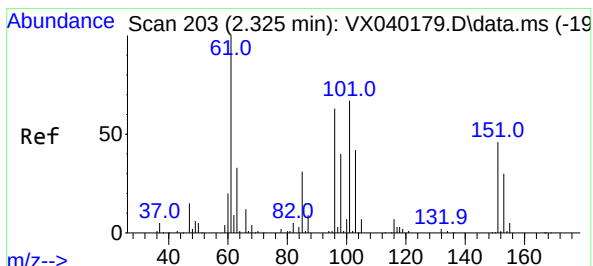
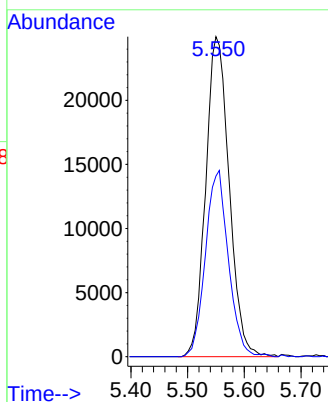
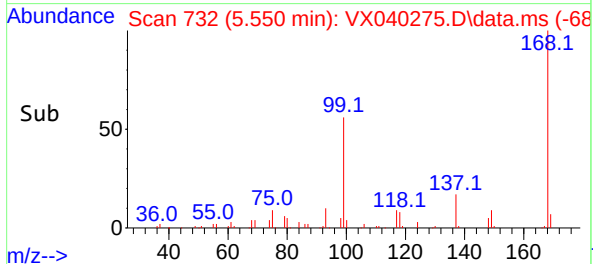


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

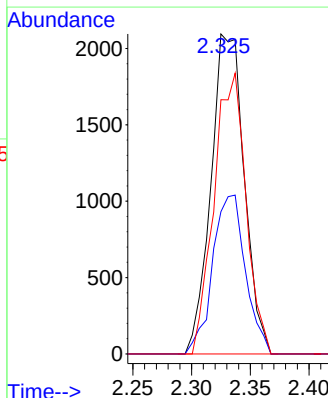
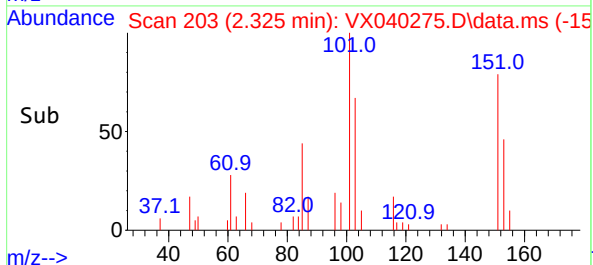
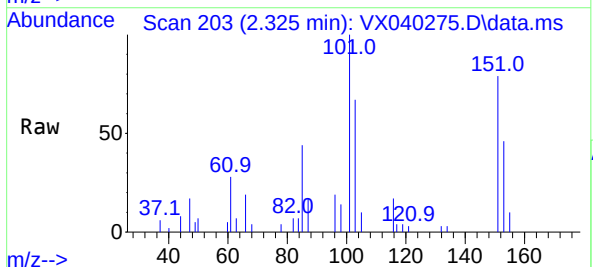


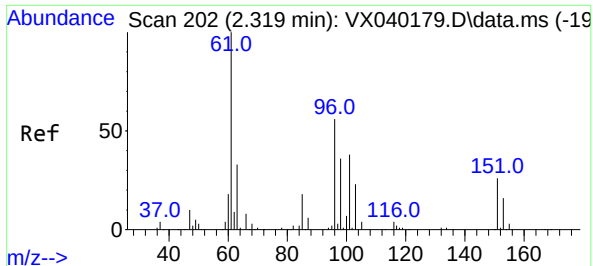
Tgt Ion:168 Resp: 71630
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.435 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion:101 Resp: 4128
Ion Ratio Lower Upper
101 100
85 49.0 37.0 55.6
151 84.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.778 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20240214

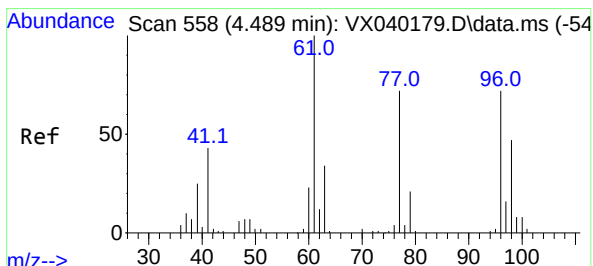
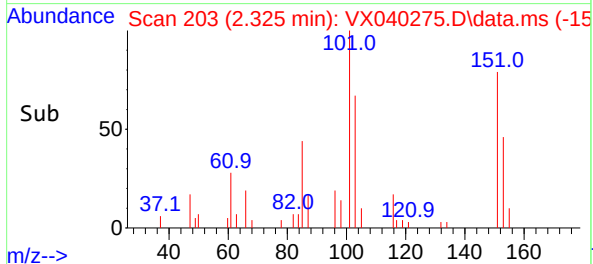
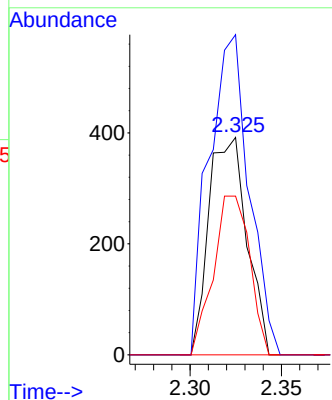
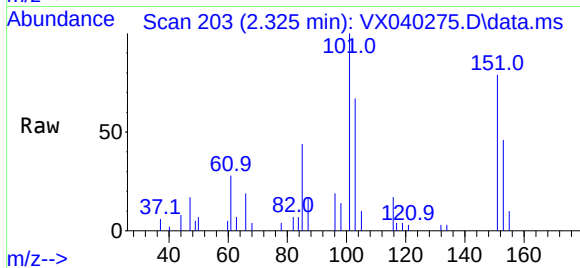
Tgt Ion: 96 Resp: 569

Ion Ratio Lower Upper

96 100

61 147.2 144.6 216.8

98 73.0 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 1.365 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

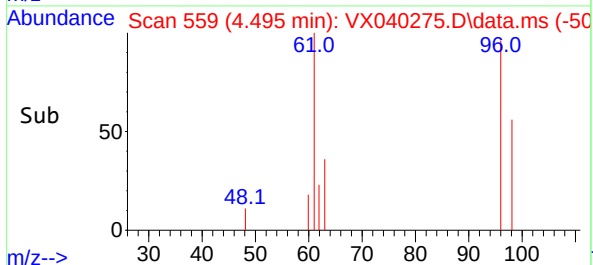
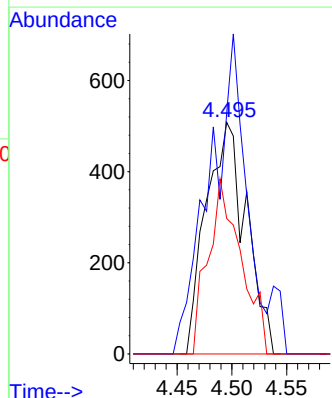
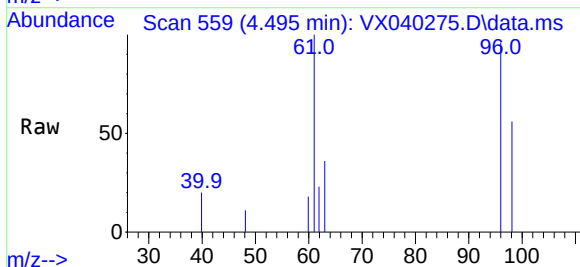
Tgt Ion: 96 Resp: 1297

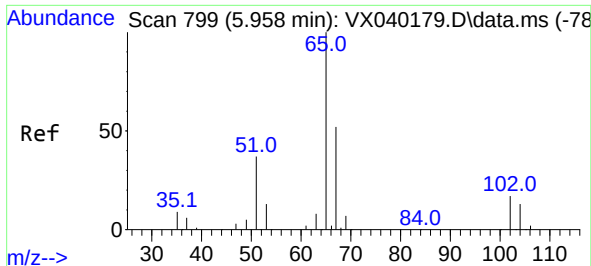
Ion Ratio Lower Upper

96 100

61 123.7 0.0 312.2

98 62.0 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.232 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

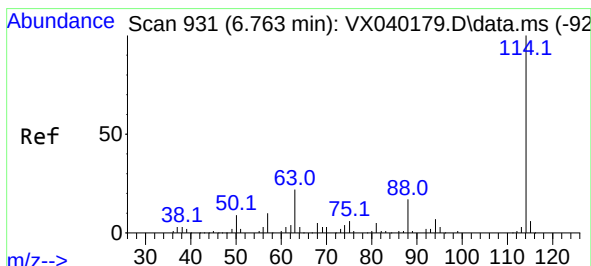
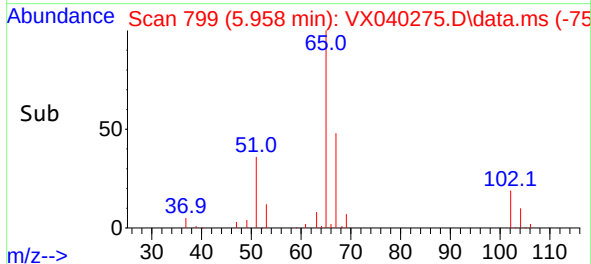
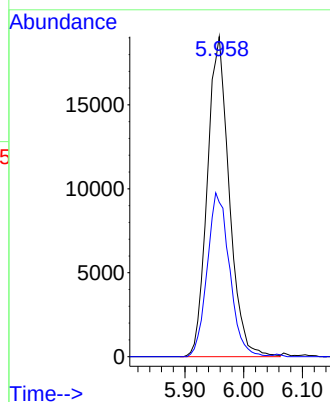
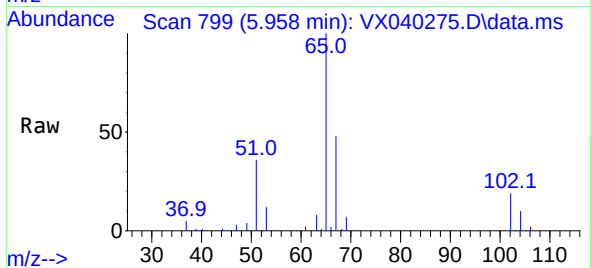
RE132D4-20240214

Tgt Ion: 65 Resp: 49267

Ion Ratio Lower Upper

65 100

67 52.2 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: VX040275.D

Acq: 16 Feb 2024 13:59

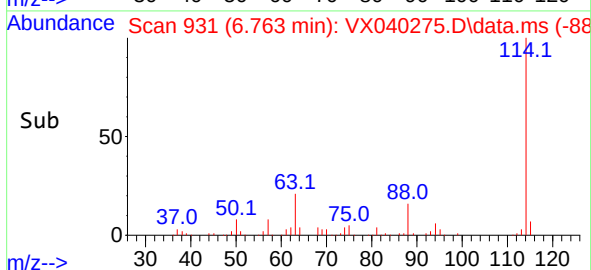
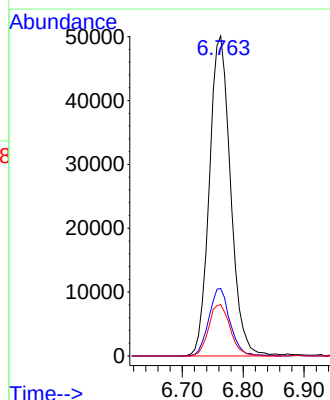
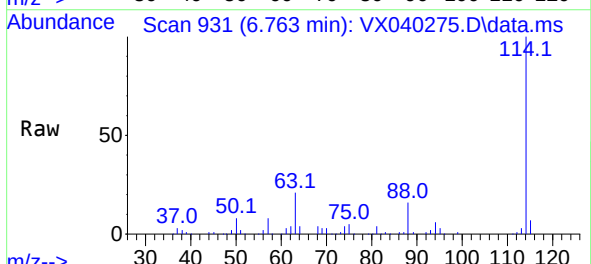
Tgt Ion: 114 Resp: 121091

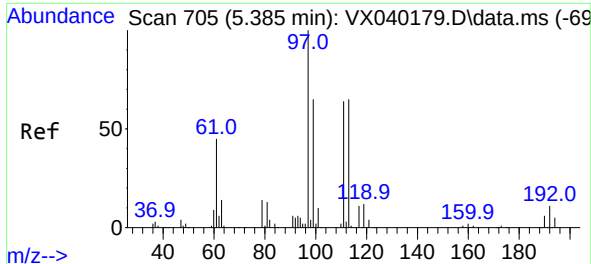
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.335 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040275.D

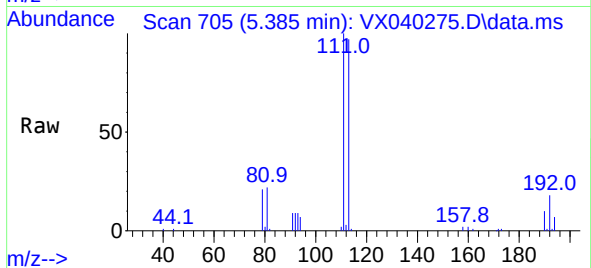
Acq: 16 Feb 2024 13:59

Instrument :

MSVOA_X

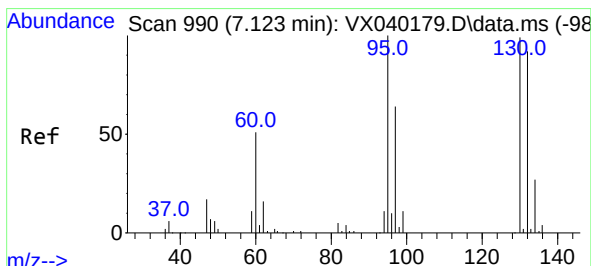
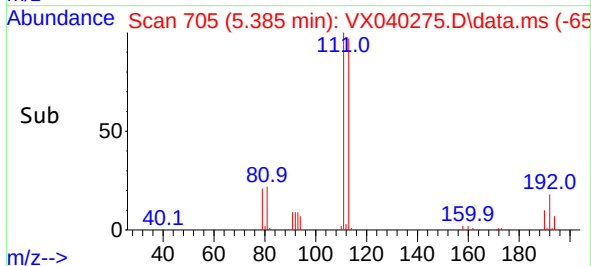
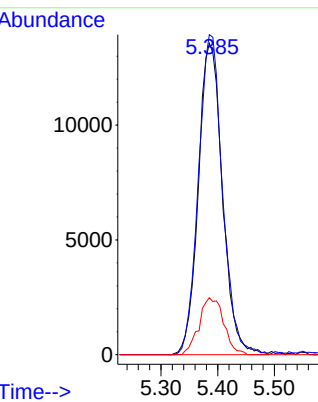
ClientSampleId :

RE132D4-20240214



Tgt Ion:113 Resp: 40028

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	18.7	13.3	19.9



#44

Trichloroethene

Concen: 179.387 ug/l

RT: 7.123 min Scan# 990

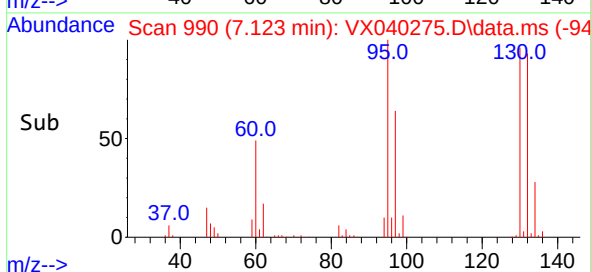
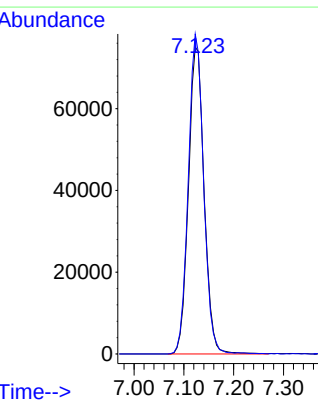
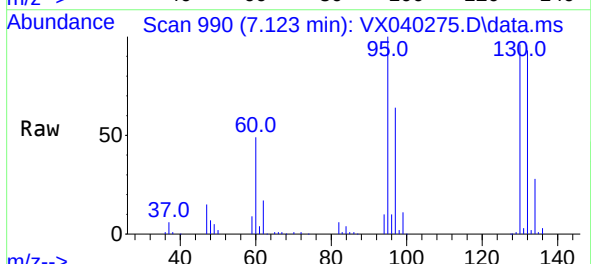
Delta R.T. -0.006 min

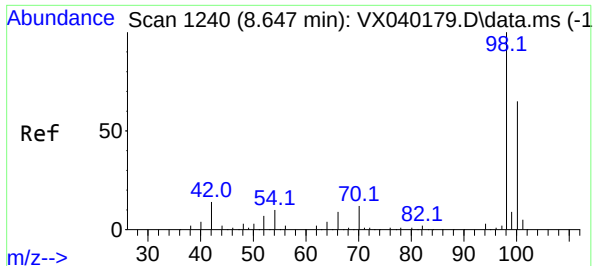
Lab File: VX040275.D

Acq: 16 Feb 2024 13:59

Tgt Ion:130 Resp: 163918

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	204.4

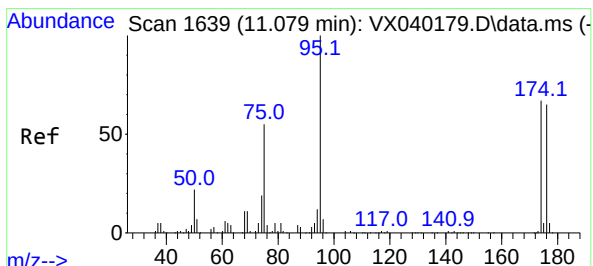
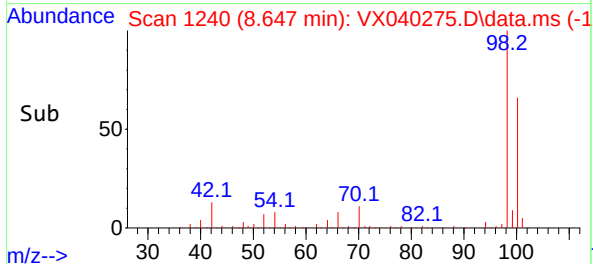
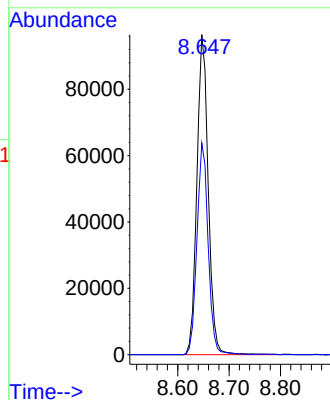
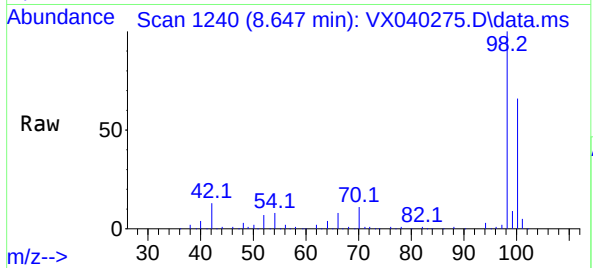




#50
Toluene-d8
Concen: 46.897 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

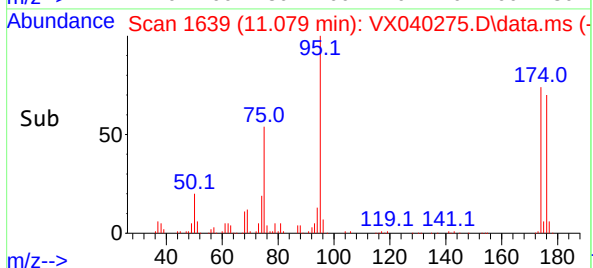
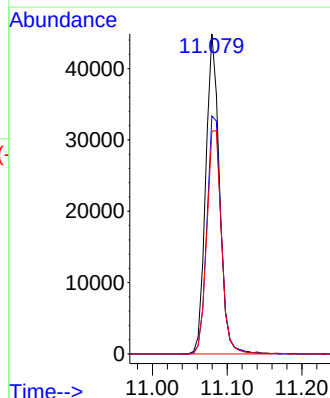
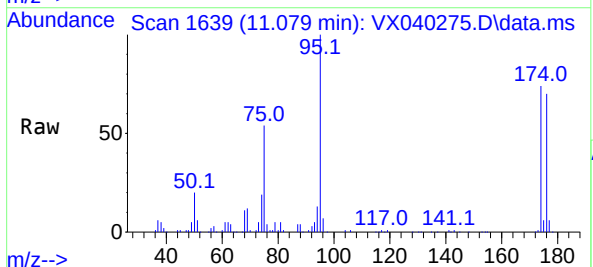
Instrument :
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ClientSampleId :
RE132D4-20240214

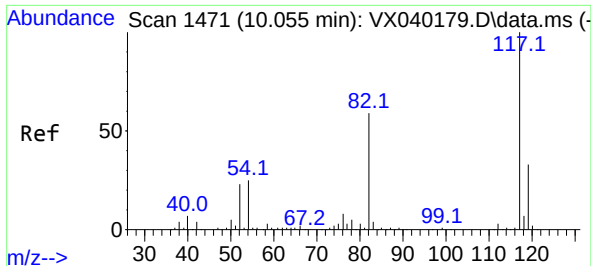
Tgt Ion: 98 Resp: 148347
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion: 95 Resp: 57296
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.6 0.0 131.0

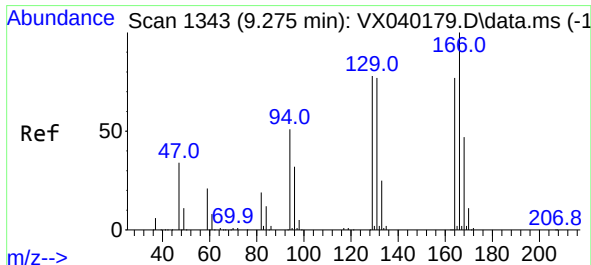
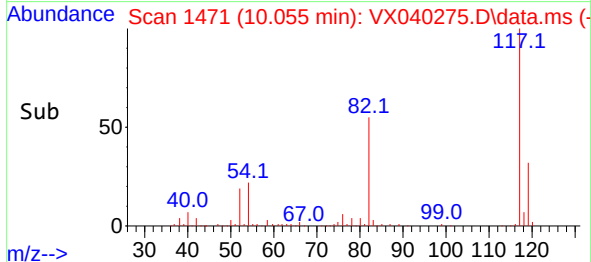
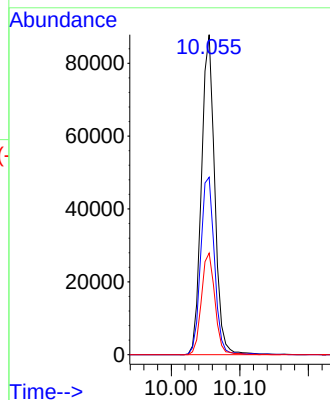
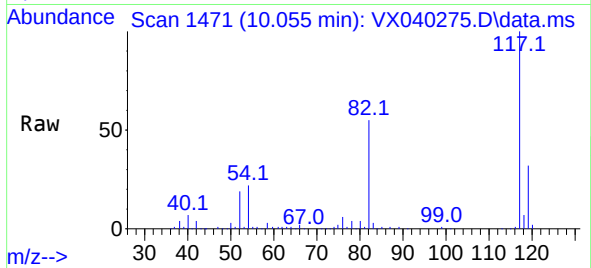




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

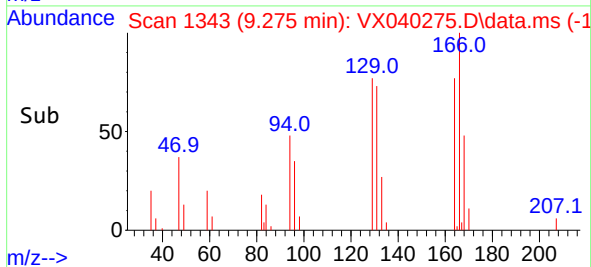
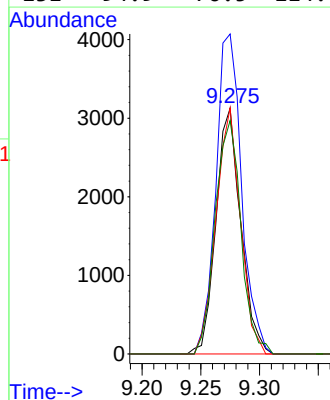
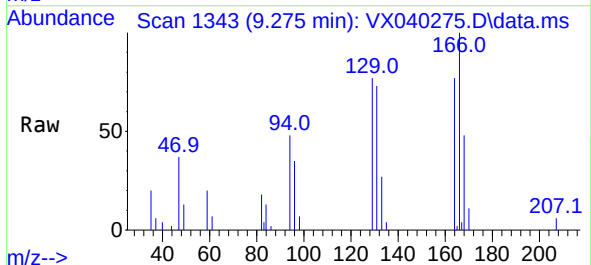
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214

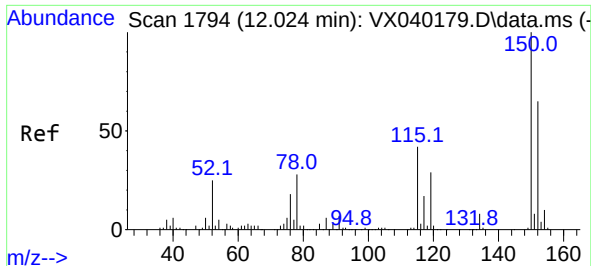
Tgt Ion:117 Resp: 118813
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 5.513 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040275.D
Acq: 16 Feb 2024 13:59

Tgt Ion:164 Resp: 4590
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 100.0 80.4 120.6
131 94.9 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040275.D

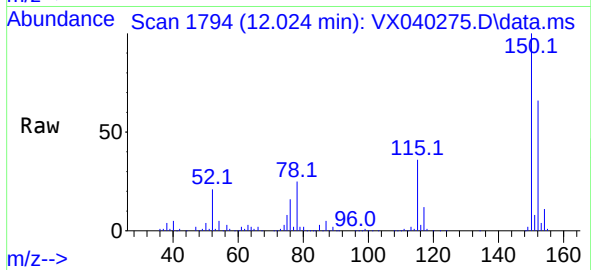
Acq: 16 Feb 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20240214



Tgt Ion:152 Resp: 59689

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 156.5 0.0 345.0

