

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044394.D
 Acq On : 18 Dec 2024 19:28
 Operator : JC/MD
 Sample : P5261-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20241210

Quant Time: Dec 19 00:53:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87151	44.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.600%
35) Dibromofluoromethane	5.379	113	65617	47.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	8.647	98	240656	51.221	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	76504	46.599	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.200%

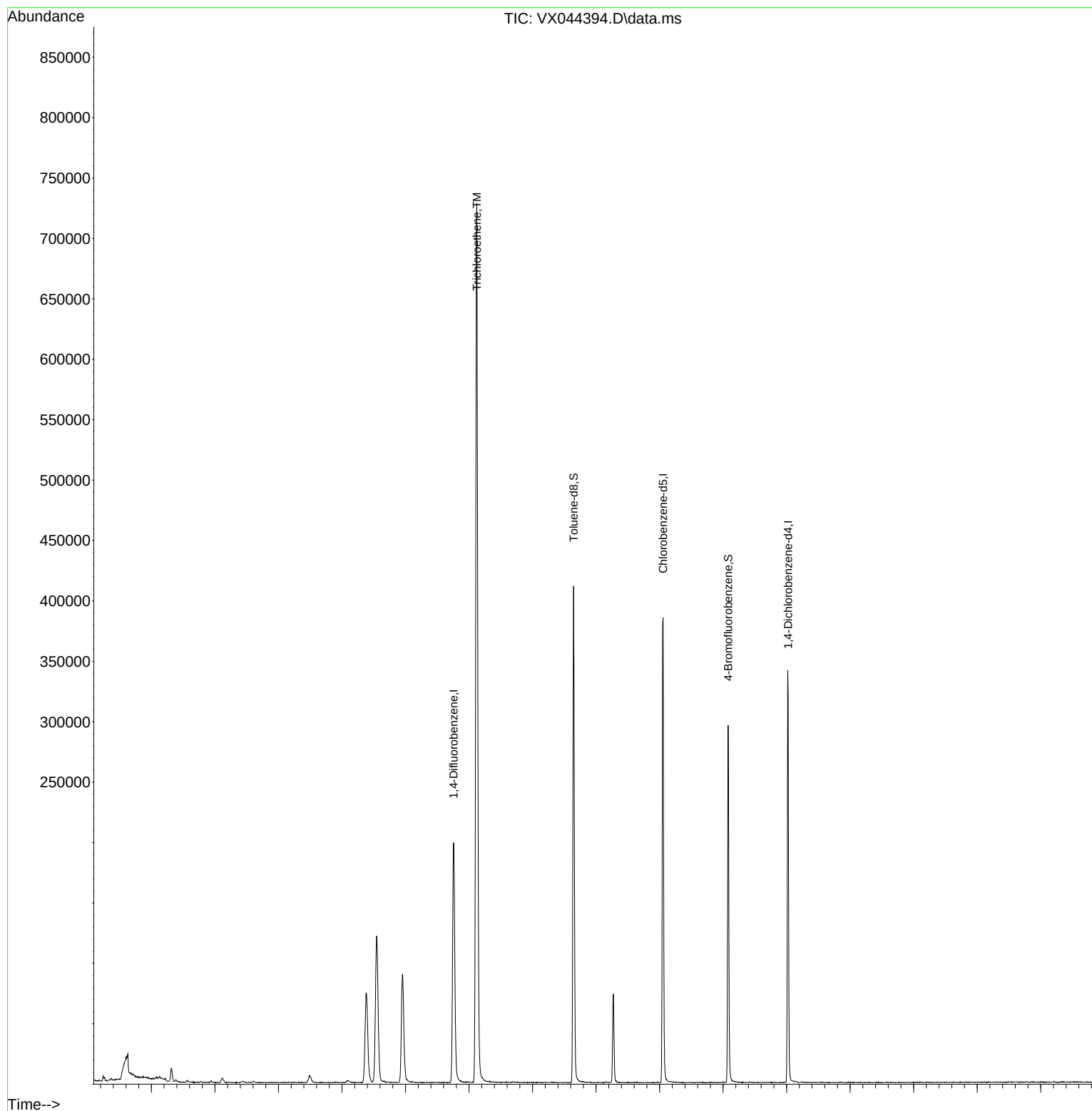
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	3669	2.679	ug/l	98
12) 1,1-Dichloroethene	2.313	96	965	0.767	ug/l #	62
16) Acetone	2.380	43	867	1.081	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	3975	0.810	ug/l	95
20) Methylene Chloride	2.788	84	377	0.250	ug/l #	46
24) 1,1-Dichloroethane	3.611	63	1443	0.549	ug/l #	92
27) cis-1,2-Dichloroethene	4.483	96	4027	2.372	ug/l	91
30) Chloroform	5.093	83	2304	0.780	ug/l #	82
44) Trichloroethene	7.123	130	272237	199.734	ug/l	100
64) Tetrachloroethene	9.275	164	13127	11.240	ug/l	95

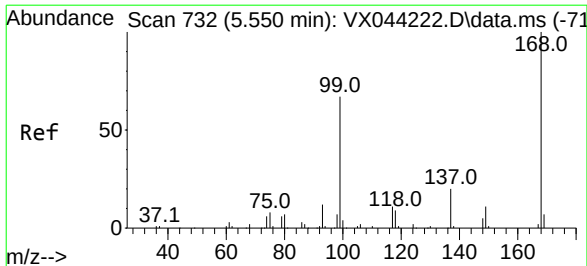
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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RE125D1-20241210

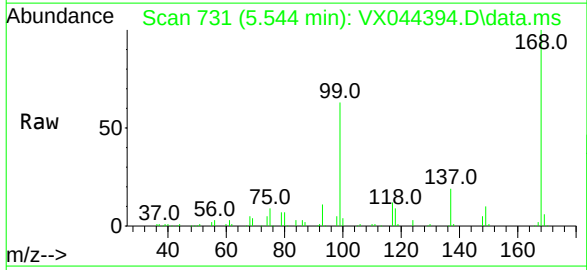
Quant Time: Dec 19 00:53:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



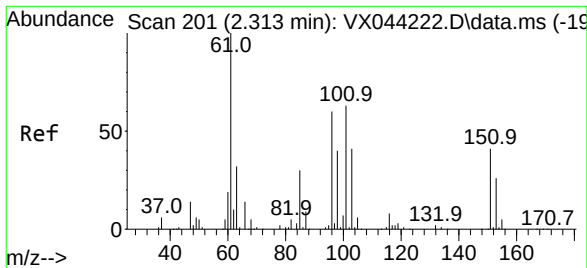
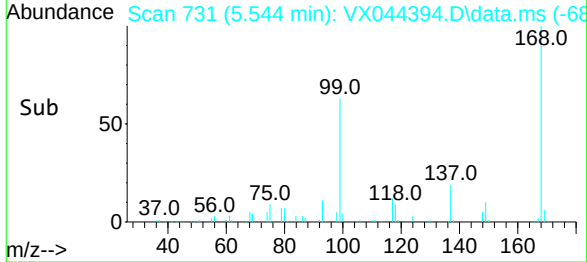
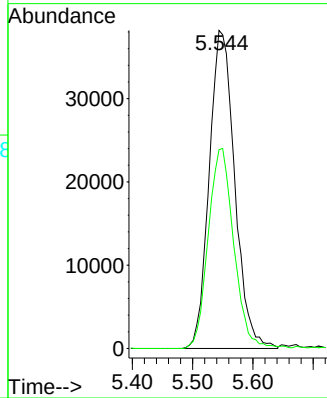


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20241210

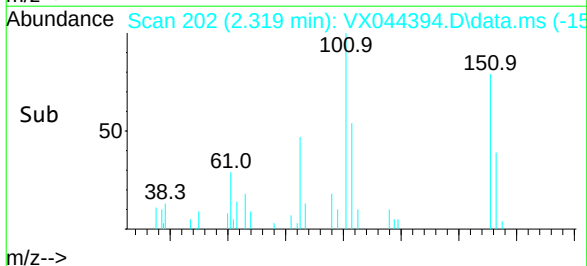
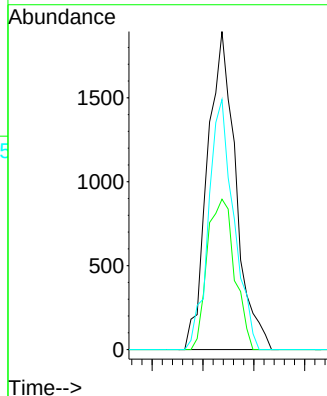
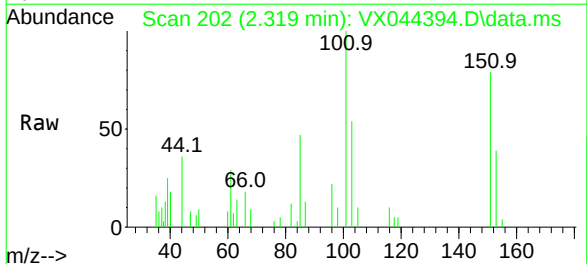


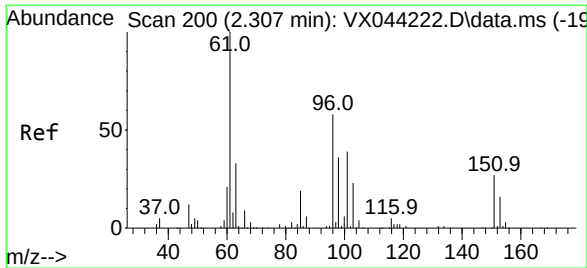
Tgt Ion:168 Resp: 112207
Ion Ratio Lower Upper
168 100
99 62.5 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.679 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

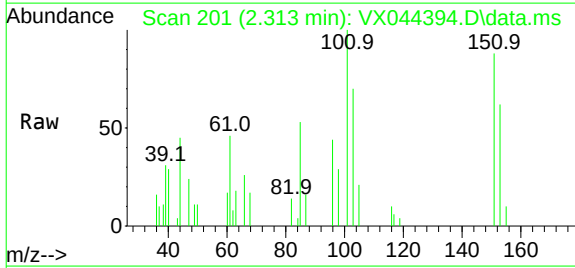
Tgt Ion:101 Resp: 3669
Ion Ratio Lower Upper
101 100
85 45.7 38.5 57.7
151 70.2 55.8 83.6



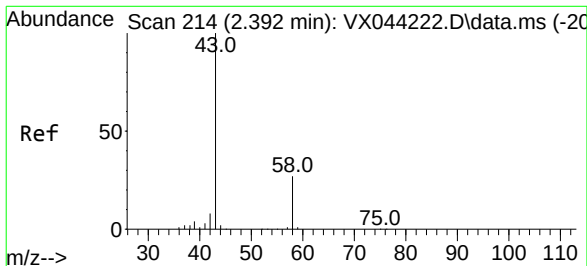
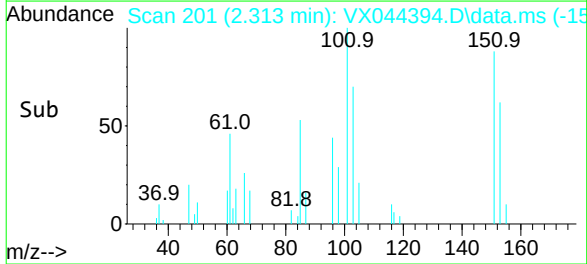
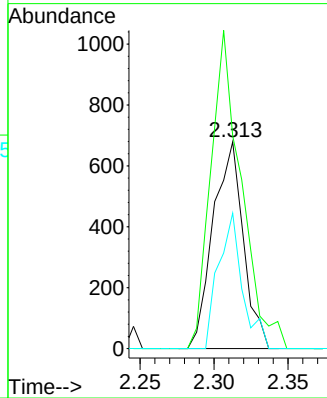


#12
1,1-Dichloroethene
Concen: 0.767 ug/l
RT: 2.313 min Scan# 200
Delta R.T. 0.006 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20241210

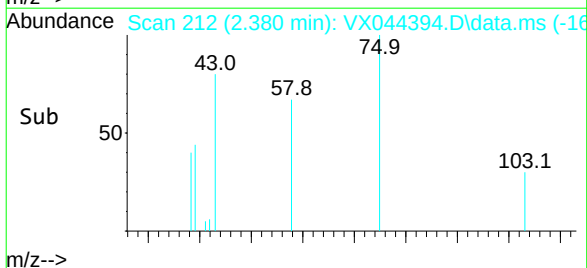
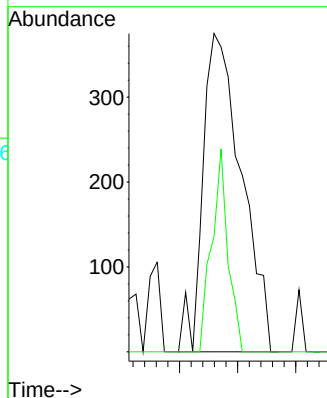
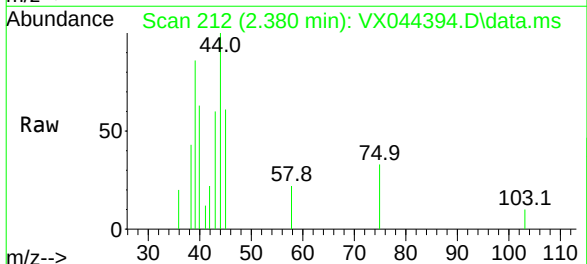


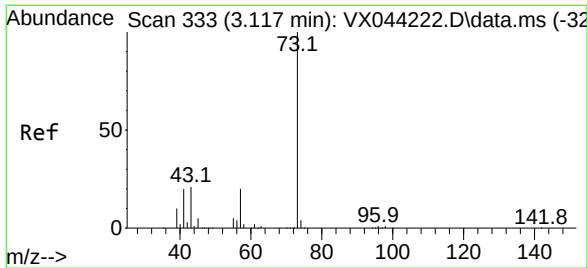
Tgt Ion: 96 Resp: 965
Ion Ratio Lower Upper
96 100
61 102.9 138.0 207.0#
98 65.5 50.0 75.0



#16
Acetone
Concen: 1.081 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 36.3 21.6 32.4#

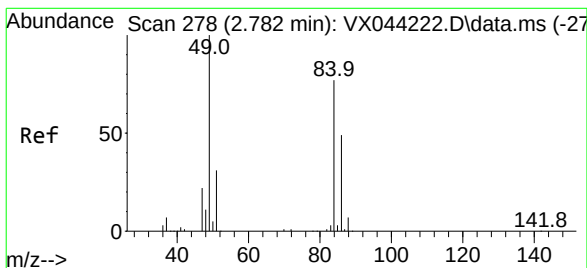
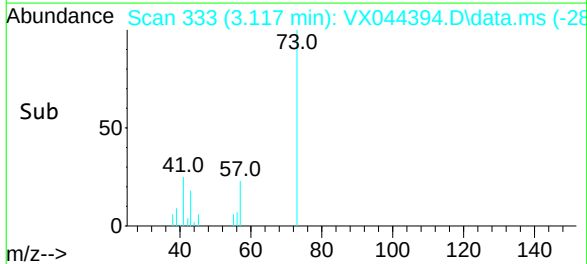
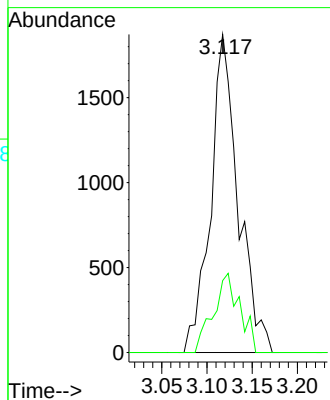
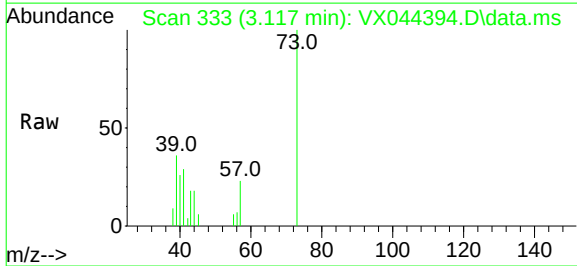




#19
Methyl tert-butyl Ether
Concen: 0.810 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

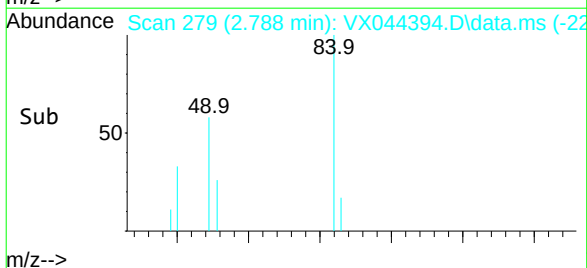
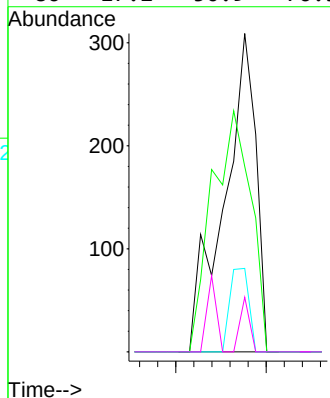
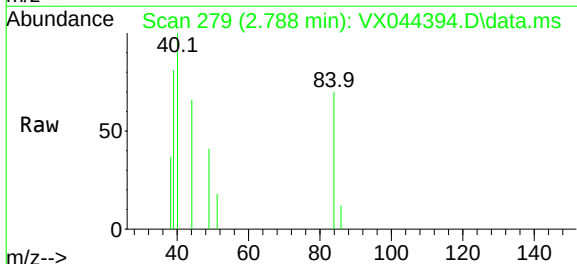
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20241210

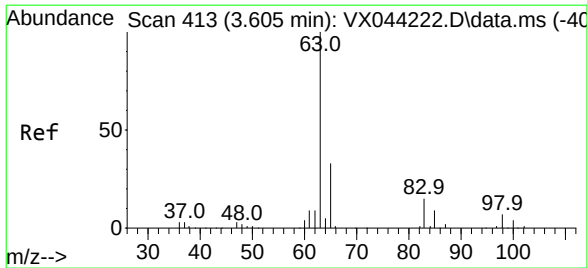
Tgt Ion: 73 Resp: 3975
Ion Ratio Lower Upper
73 100
57 22.6 16.2 24.4



#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

Tgt Ion: 84 Resp: 377
Ion Ratio Lower Upper
84 100
49 58.3 104.2 156.4#
51 26.2 32.2 48.4#
86 17.2 50.9 76.3#





#24

1,1-Dichloroethane

Concen: 0.549 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX044394.D

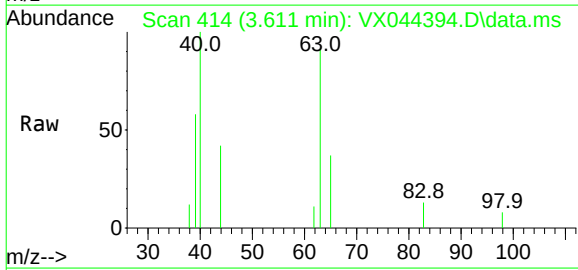
Acq: 18 Dec 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20241210



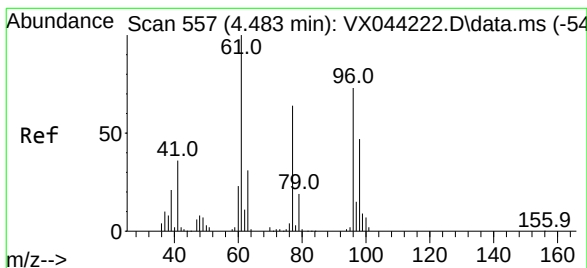
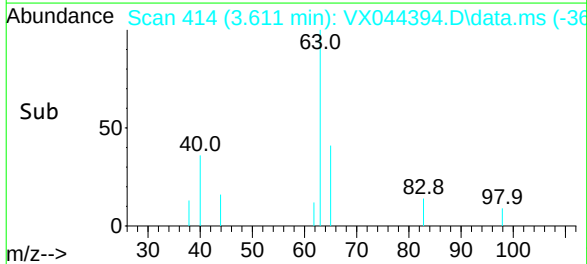
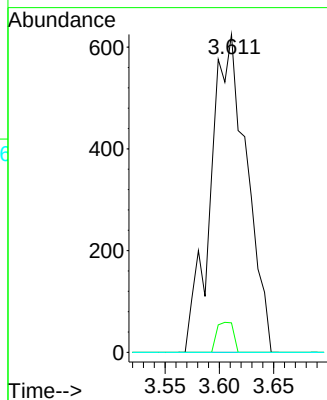
Tgt Ion: 63 Resp: 1443

Ion Ratio Lower Upper

63 100

98 9.3 3.6 10.8

100 0.0 2.1 6.3#



#27

cis-1,2-Dichloroethene

Concen: 2.372 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX044394.D

Acq: 18 Dec 2024 19:28

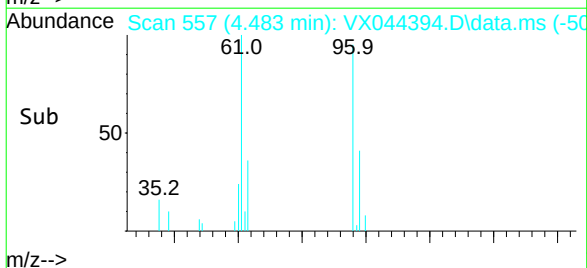
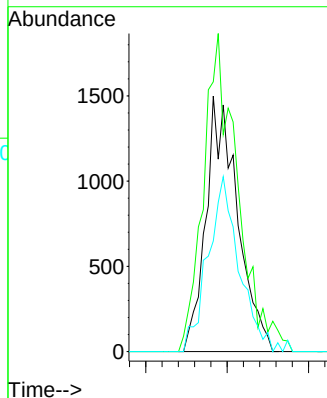
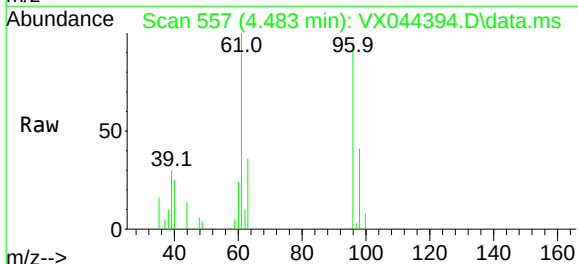
Tgt Ion: 96 Resp: 4027

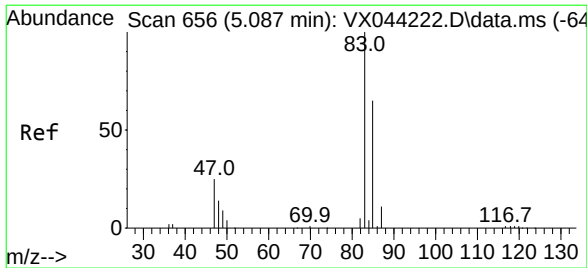
Ion Ratio Lower Upper

96 100

61 134.8 0.0 299.0

98 68.0 0.0 129.0





#30

Chloroform

Concen: 0.780 ug/l

RT: 5.093 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044394.D

Acq: 18 Dec 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

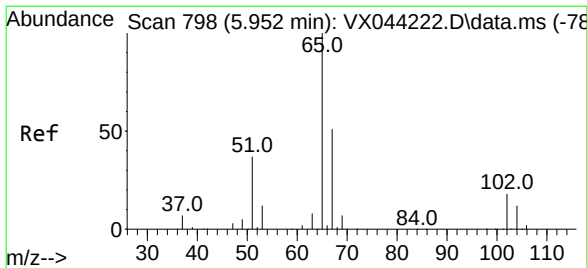
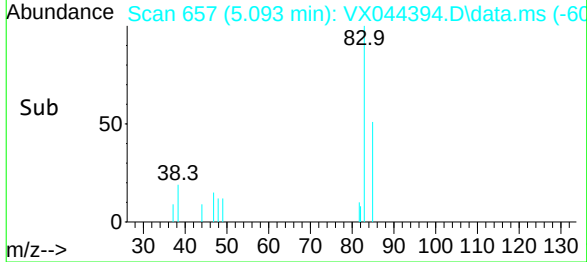
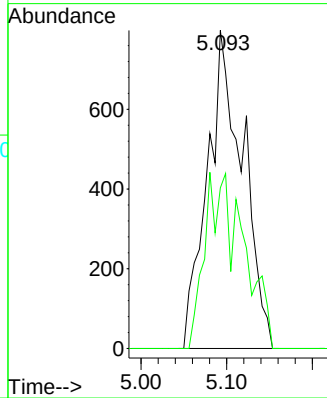
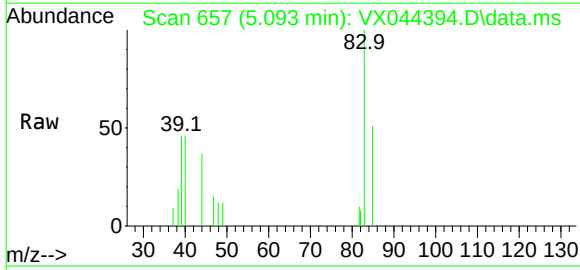
RE125D1-20241210

Tgt Ion: 83 Resp: 2304

Ion Ratio Lower Upper

83 100

85 50.5 51.6 77.4#



#33

1,2-Dichloroethane-d4

Concen: 44.299 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044394.D

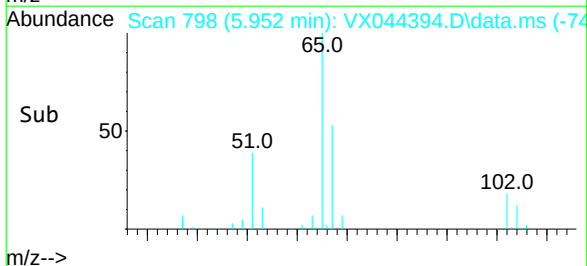
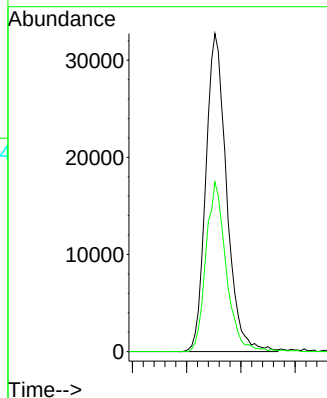
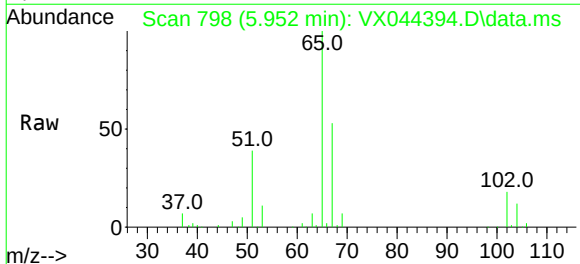
Acq: 18 Dec 2024 19:28

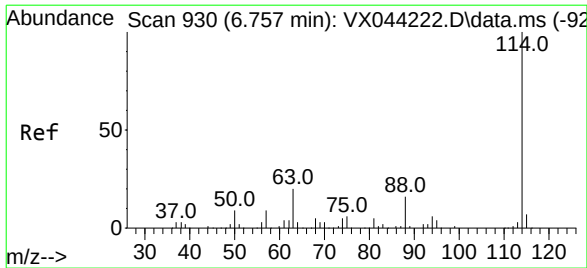
Tgt Ion: 65 Resp: 87151

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.6

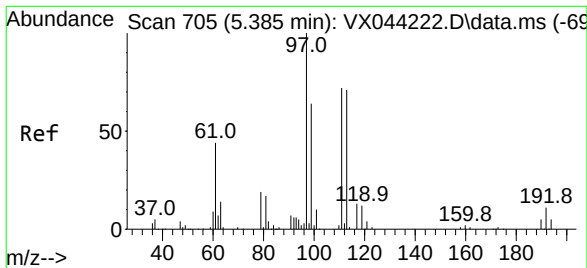
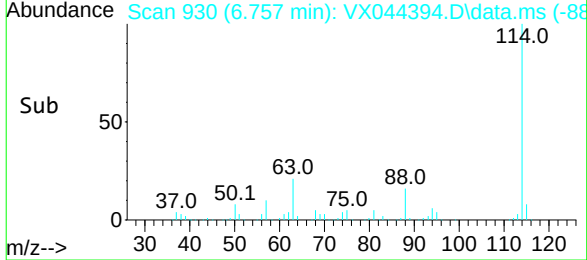
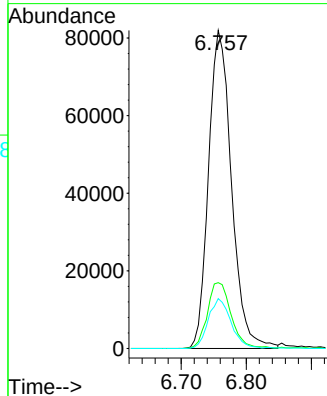
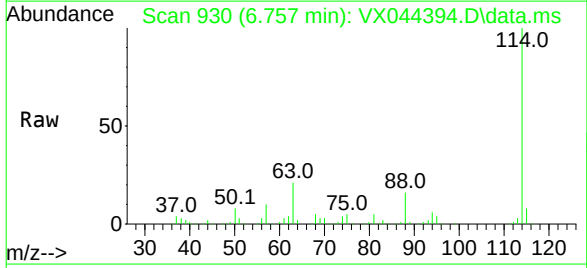




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

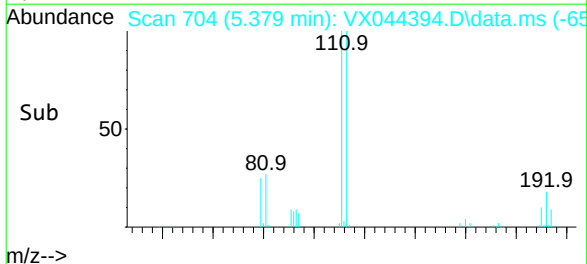
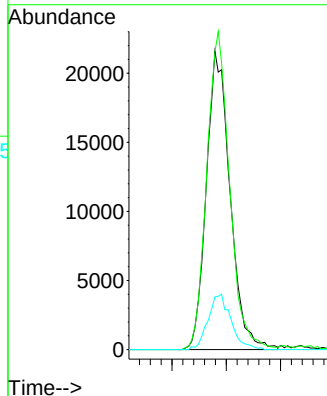
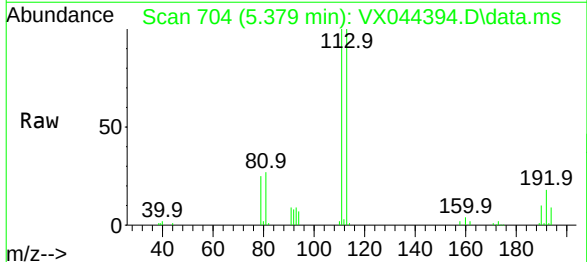
Instrument :
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RE125D1-20241210

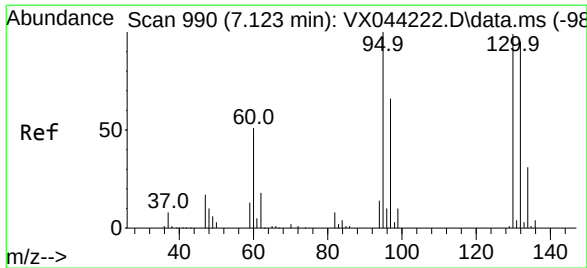
Tgt Ion:	114	Resp:	201079
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.6
88	15.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.117 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

Tgt Ion:	113	Resp:	65617
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.4	120.6
192	17.9	13.3	19.9

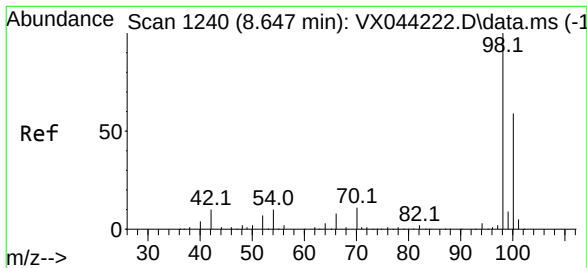
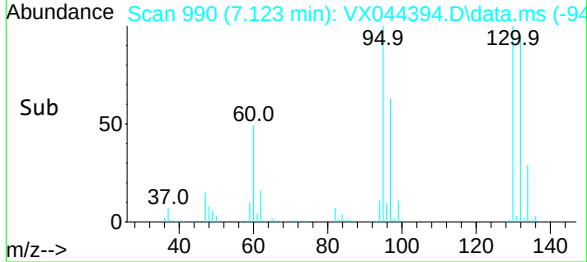
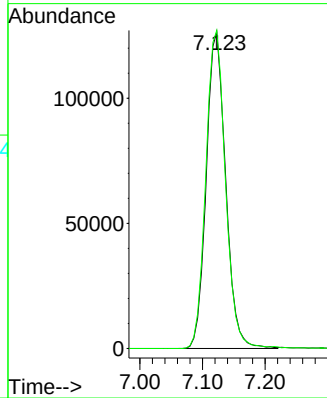
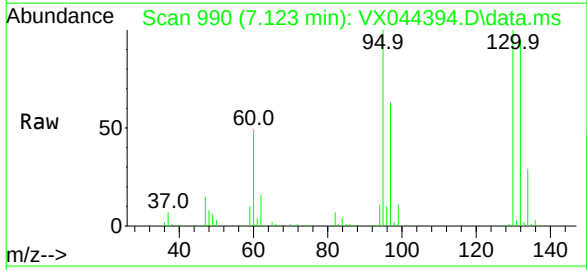




#44
Trichloroethene
Concen: 199.734 ug/l
RT: 7.123 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

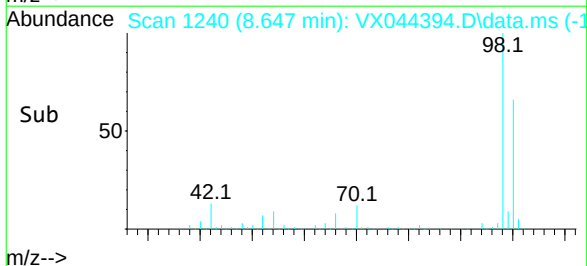
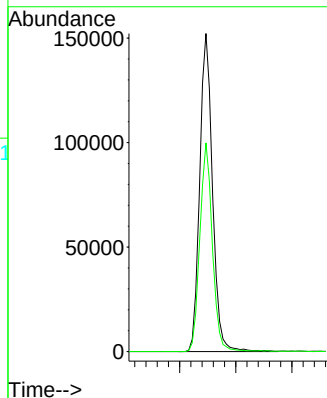
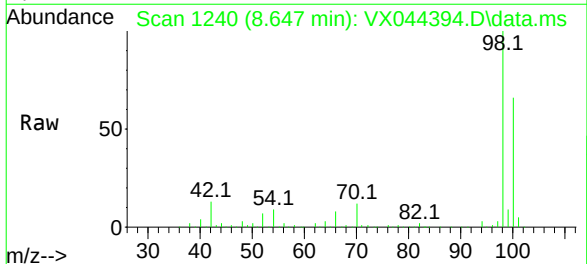
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20241210

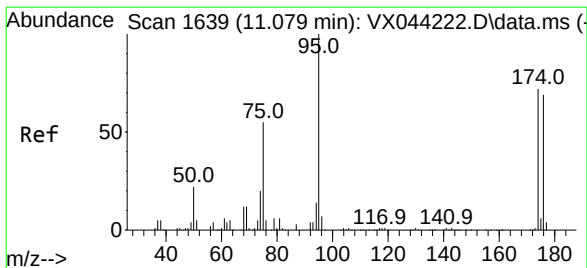
Tgt Ion:130 Resp: 272237
Ion Ratio Lower Upper
130 100
95 100.4 0.0 201.4



#50
Toluene-d8
Concen: 51.221 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044394.D
Acq: 18 Dec 2024 19:28

Tgt Ion: 98 Resp: 240656
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044394.D

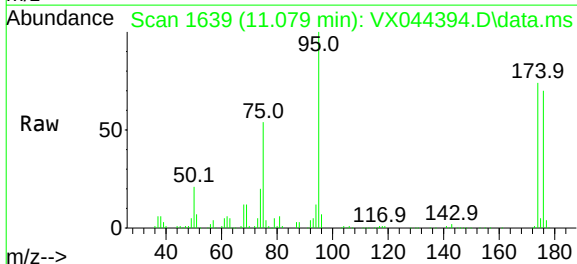
Acq: 18 Dec 2024 19:28

Instrument :

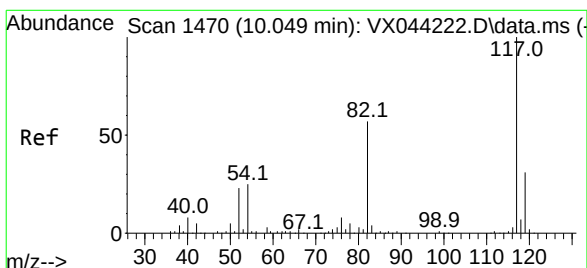
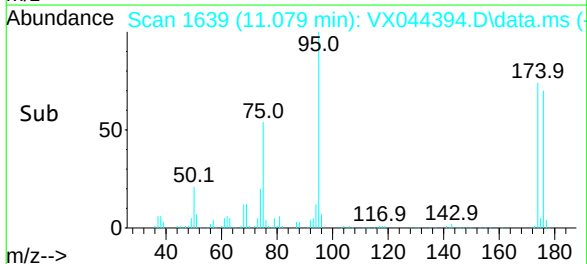
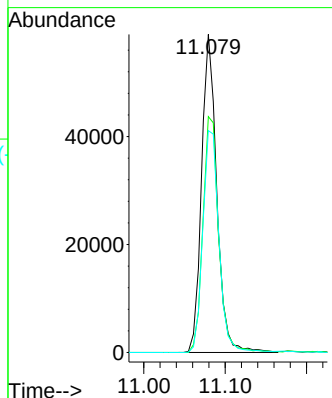
MSVOA_X

ClientSampleId :

RE125D1-20241210



Tgt Ion:	95	Resp:	76504
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	145.8
176	74.0	0.0	137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

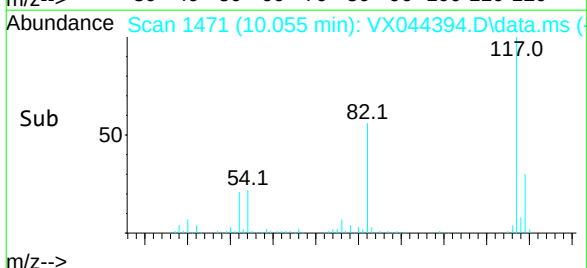
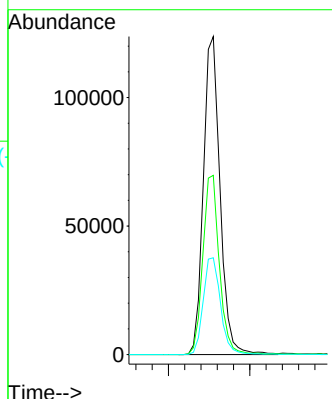
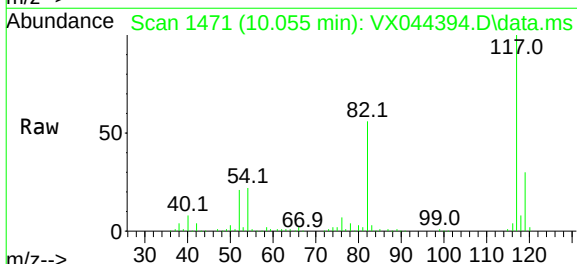
RT: 10.055 min Scan# 1471

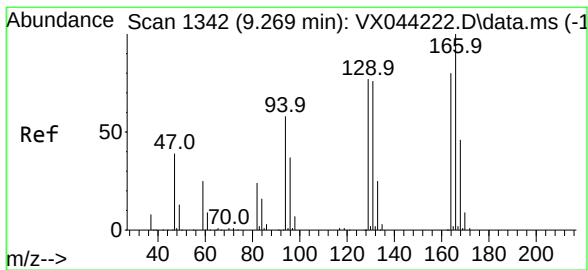
Delta R.T. 0.006 min

Lab File: VX044394.D

Acq: 18 Dec 2024 19:28

Tgt Ion:	117	Resp:	175960
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.8	68.8
119	30.4	25.0	37.4





#64

Tetrachloroethene

Concen: 11.240 ug/l

RT: 9.275 min Scan# 13

Delta R.T. 0.006 min

Lab File: VX044394.D

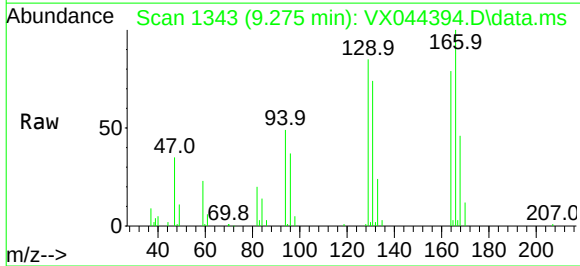
Acq: 18 Dec 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20241210



Tgt Ion:164 Resp: 13127

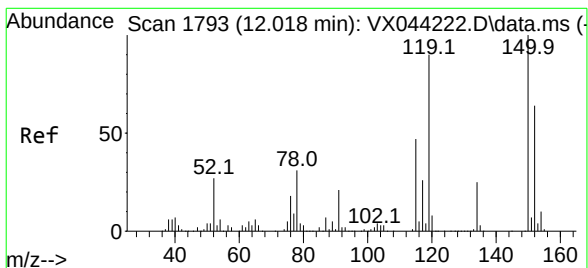
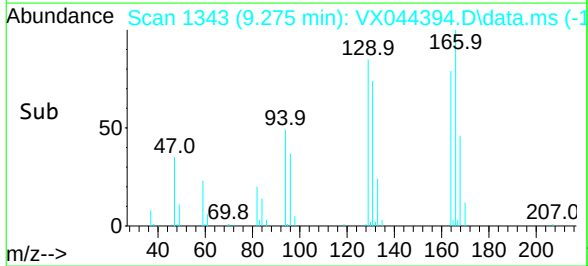
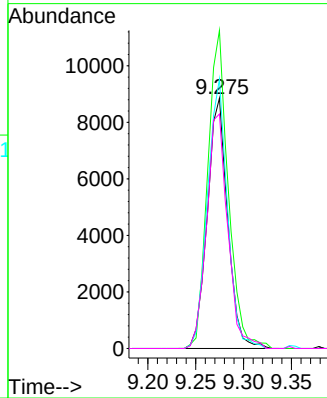
Ion Ratio Lower Upper

164 100

166 127.1 100.4 150.6

129 107.7 77.2 115.8

131 93.7 76.2 114.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044394.D

Acq: 18 Dec 2024 19:28

Tgt Ion:152 Resp: 70513

Ion Ratio Lower Upper

152 100

115 61.4 44.5 133.3

150 155.9 0.0 353.8

