

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044392.D
 Acq On : 18 Dec 2024 18:42
 Operator : JC/MD
 Sample : P5281-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20241213

Quant Time: Dec 19 00:51:43 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)

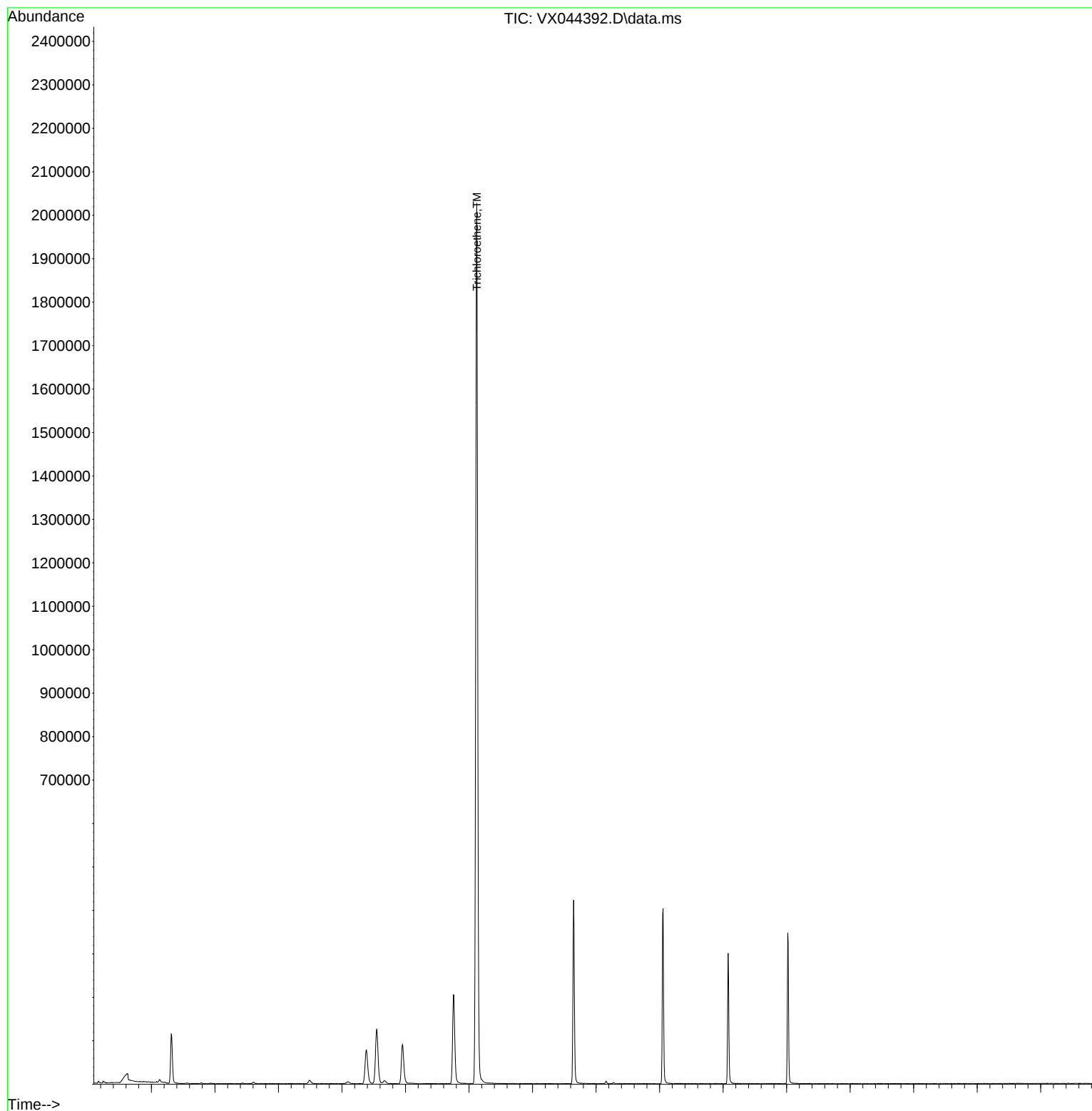
Internal Standards						
1) Pentafluorobenzene	5.550	168	115938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87364	42.978	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	85.960%	
35) Dibromofluoromethane	5.385	113	67237	46.906	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.820%	
50) Toluene-d8	8.647	98	244633	50.586	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.180%	
62) 4-Bromofluorobenzene	11.079	95	77794	46.037	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2308	1.287	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	33134	23.419	ug/l	96
12) 1,1-Dichloroethene	2.313	96	13073	10.060	ug/l	82
16) Acetone	2.392	43	788	0.951	ug/l #	88
20) Methylene Chloride	2.782	84	641	0.412	ug/l #	83
24) 1,1-Dichloroethane	3.605	63	3460	1.273	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	4801	2.737	ug/l	92
30) Chloroform	5.093	83	5081	1.664	ug/l	95
38) Carbon Tetrachloride	5.666	117	5756	2.885	ug/l #	83
44) Trichloroethene	7.123	130	757632	540.040	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	1528	1.089	ug/l #	80
64) Tetrachloroethene	9.281	164	530	0.448	ug/l #	44

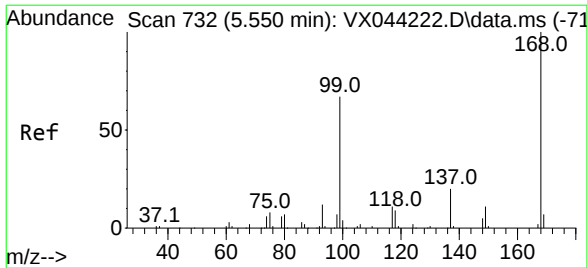
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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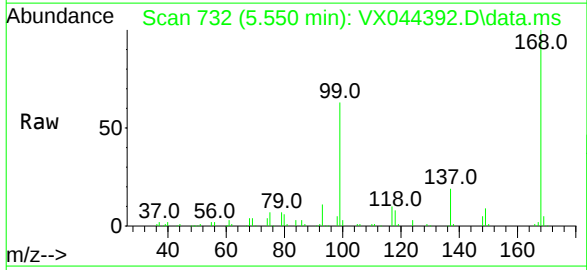
Quant Time: Dec 19 00:51:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
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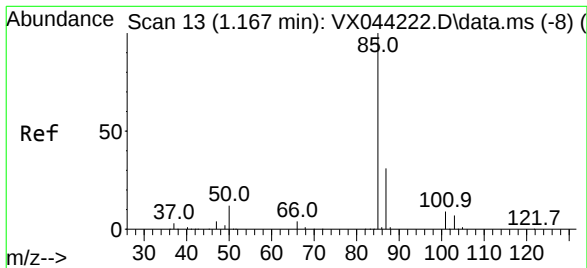
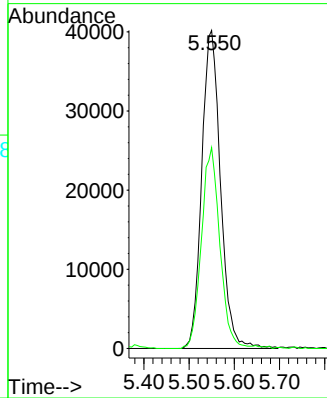
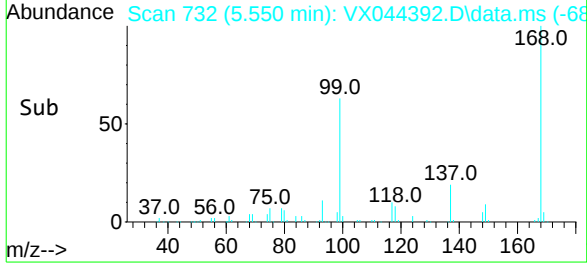


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044392.D
Acq: 18 Dec 2024 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20241213

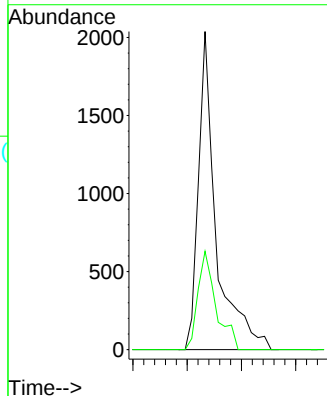
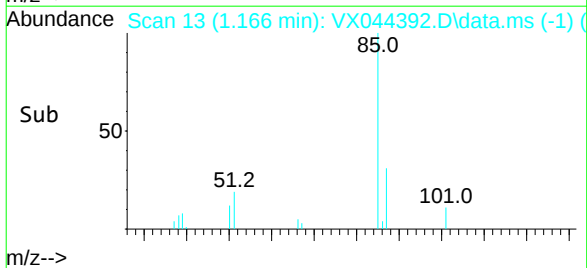
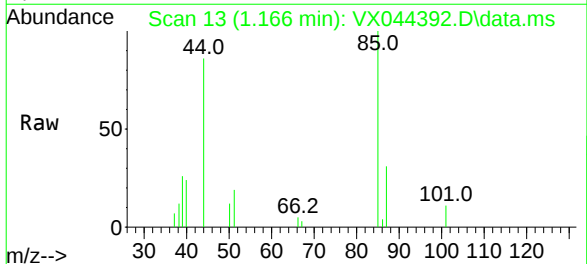


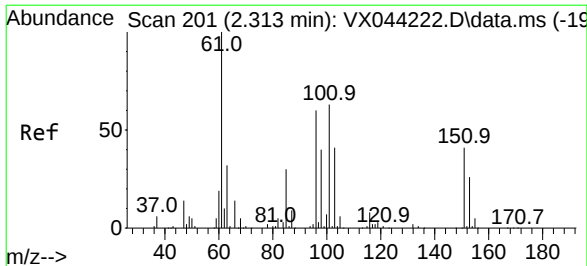
Tgt Ion:168 Resp: 115938
Ion Ratio Lower Upper
168 100
99 63.1 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 1.287 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044392.D
Acq: 18 Dec 2024 18:42

Tgt Ion: 85 Resp: 2308
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4

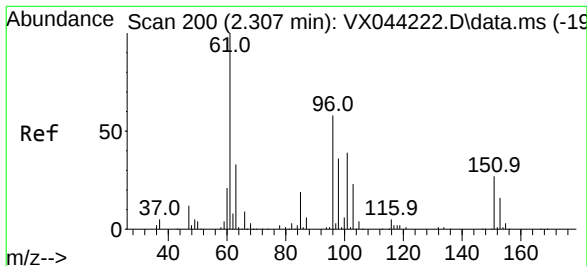
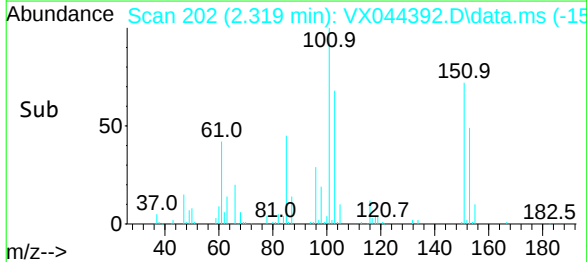
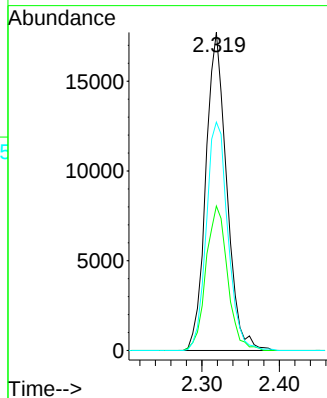
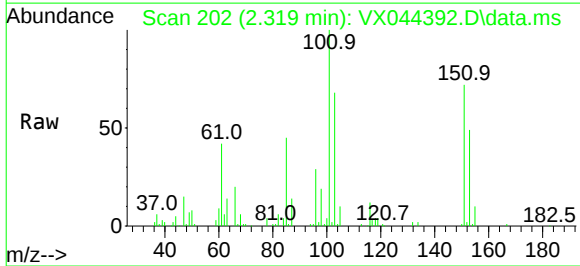




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.419 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044392.D
Acq: 18 Dec 2024 18:42

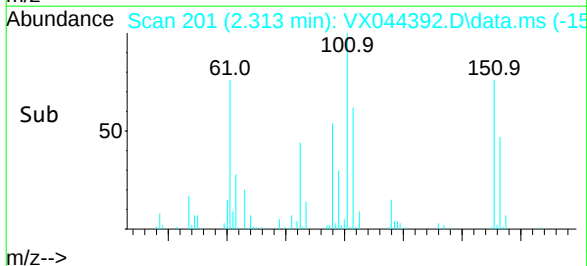
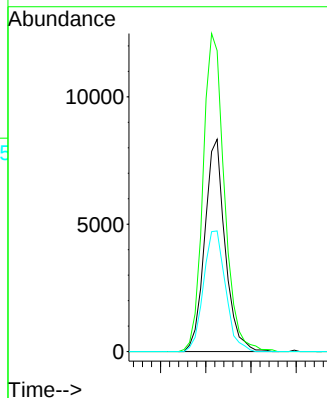
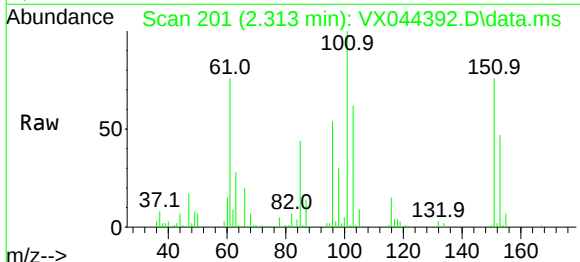
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20241213

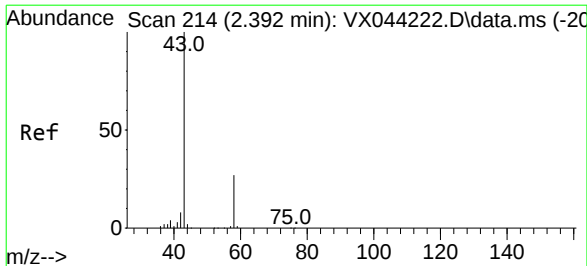
Tgt Ion	101	Resp	33134
Ion	Ratio	Lower	Upper
101	100		
85	47.0	38.5	57.7
151	74.2	55.8	83.6



#12
1,1-Dichloroethene
Concen: 10.060 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044392.D
Acq: 18 Dec 2024 18:42

Tgt Ion	96	Resp	13073
Ion	Ratio	Lower	Upper
96	100		
61	141.7	138.0	207.0
98	56.8	50.0	75.0





#16

Acetone

Concen: 0.951 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

Instrument :

MSVOA_X

ClientSampleId :

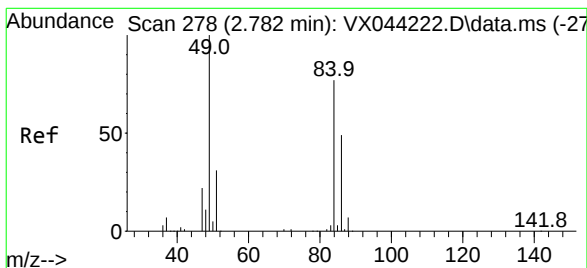
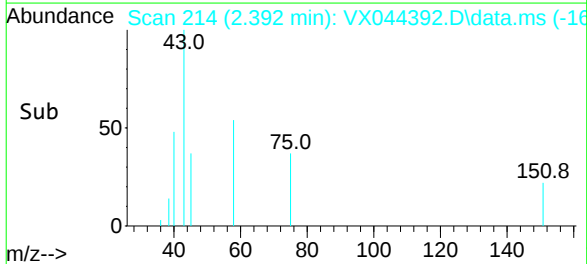
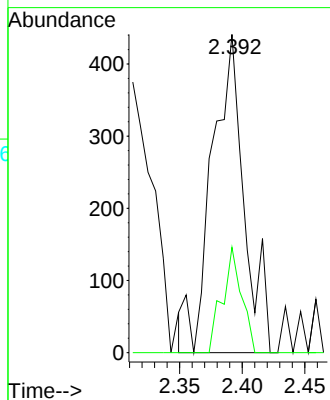
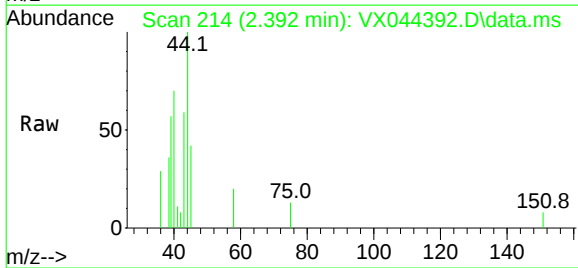
RE115D1-20241213

Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

58 33.1 21.6 32.4#



#20

Methylene Chloride

Concen: 0.412 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

Tgt Ion: 84 Resp: 641

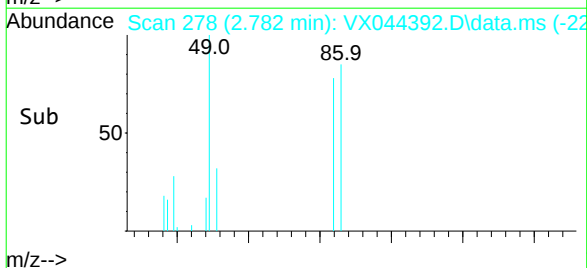
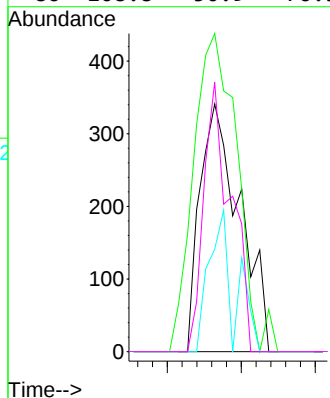
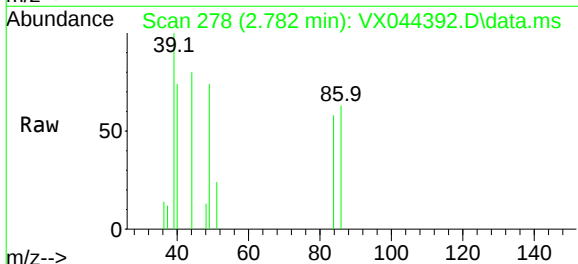
Ion Ratio Lower Upper

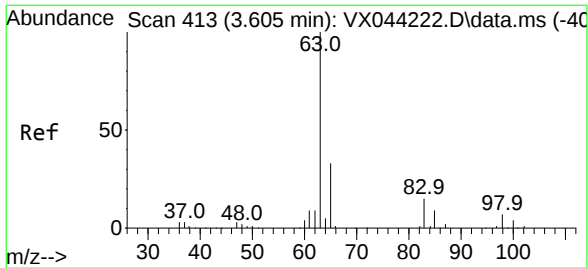
84 100

49 128.4 104.2 156.4

51 41.3 32.2 48.4

86 108.8 50.9 76.3#





#24

1,1-Dichloroethane

Concen: 1.273 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

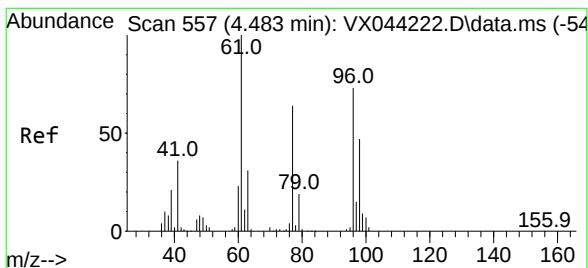
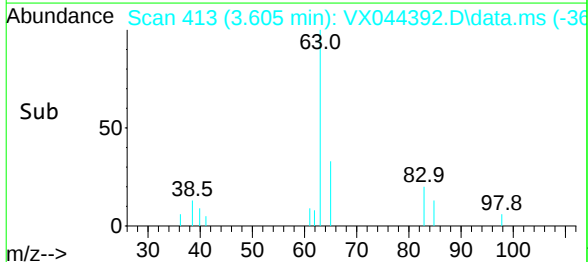
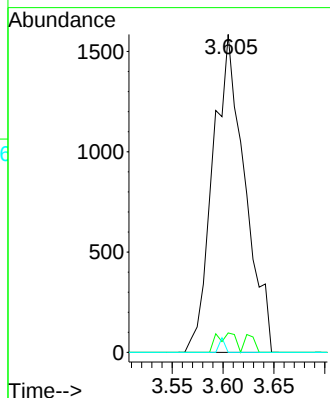
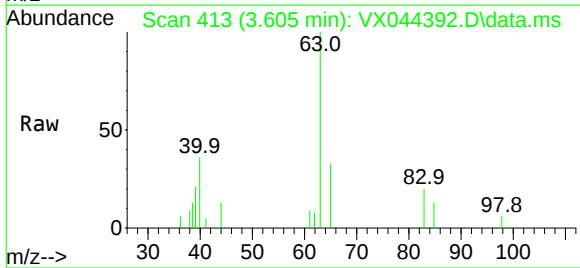
Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20241213

Tgt Ion:	63	Resp:	3460
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.6	10.8
100	0.0	2.1	6.3



#27

cis-1,2-Dichloroethene

Concen: 2.737 ug/l

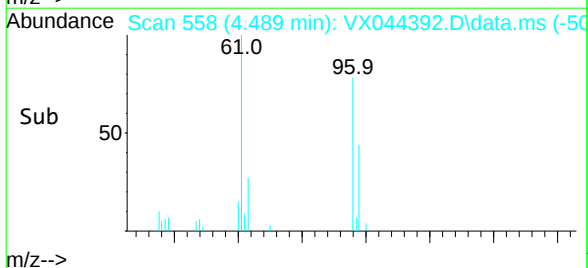
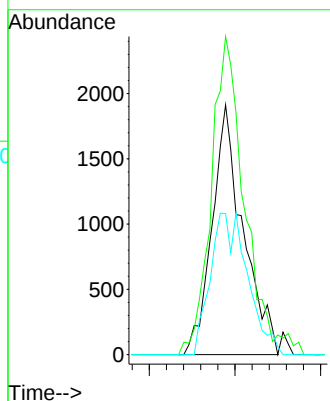
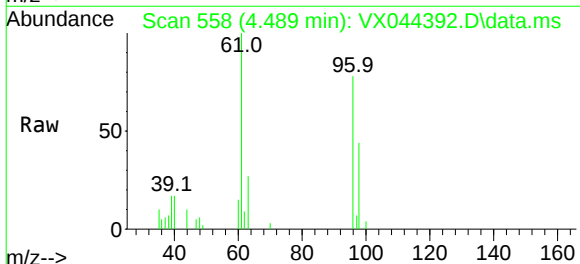
RT: 4.489 min Scan# 558

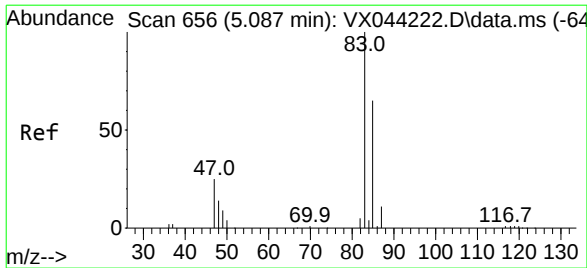
Delta R.T. 0.006 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

Tgt Ion:	96	Resp:	4801
Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	299.0
98	67.9	0.0	129.0





#30

Chloroform

Concen: 1.664 ug/l

RT: 5.093 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044392.D

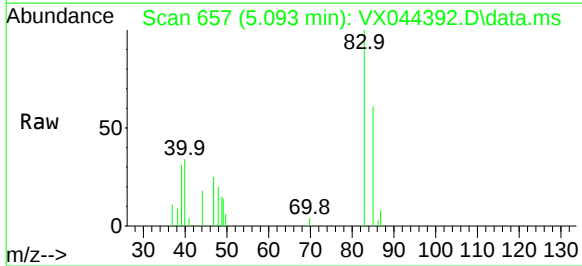
Acq: 18 Dec 2024 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20241213

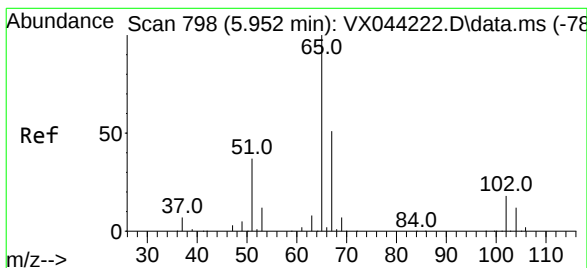
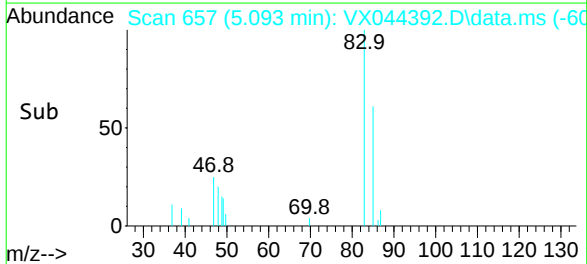
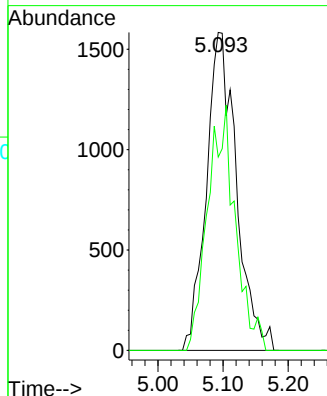


Tgt Ion: 83 Resp: 5081

Ion Ratio Lower Upper

83 100

85 60.8 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 42.978 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044392.D

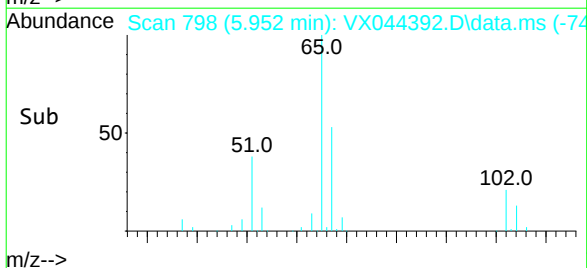
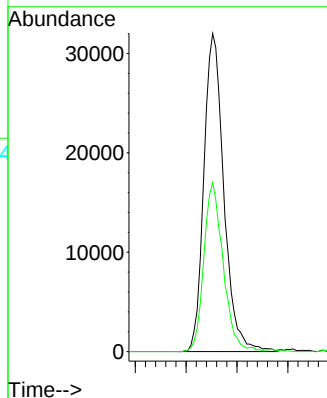
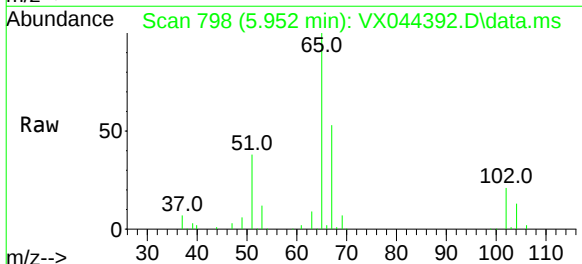
Acq: 18 Dec 2024 18:42

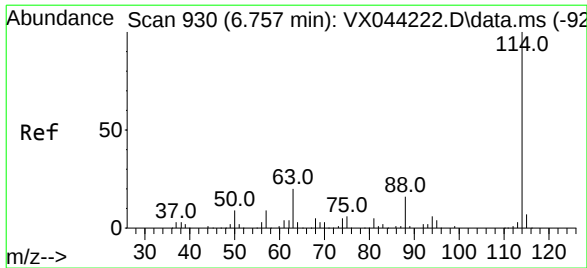
Tgt Ion: 65 Resp: 87364

Ion Ratio Lower Upper

65 100

67 51.3 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: VX044392.D

Acq: 18 Dec 2024 18:42

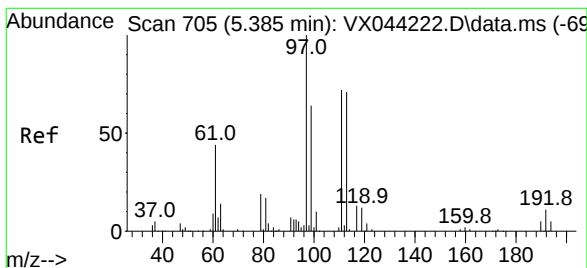
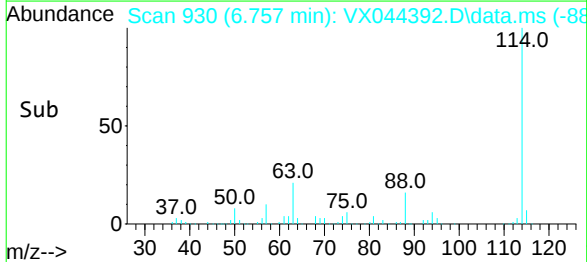
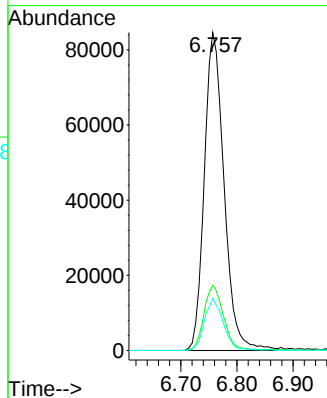
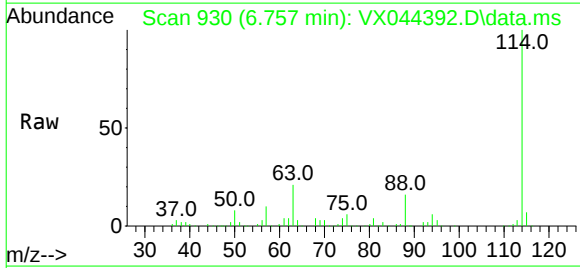
Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20241213

Tgt Ion:	114	Resp:	206968
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.6
88	16.4	0.0	31.8



#35

Dibromofluoromethane

Concen: 46.906 ug/l

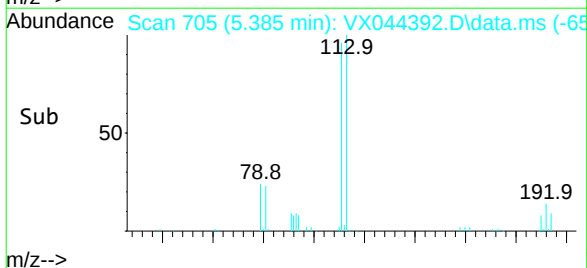
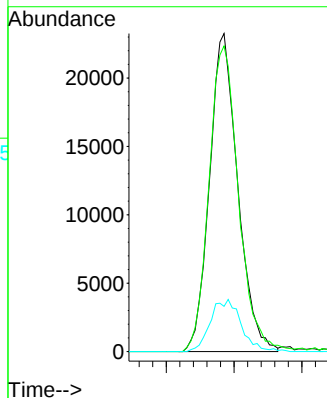
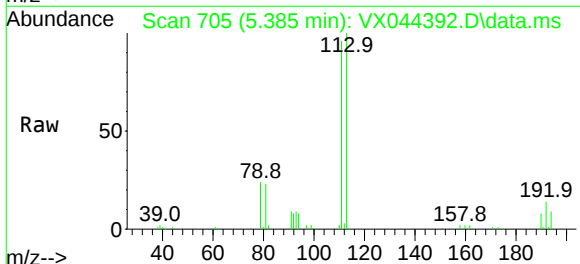
RT: 5.385 min Scan# 705

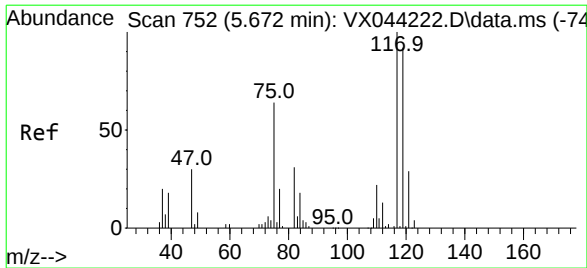
Delta R.T. -0.000 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

Tgt Ion:	113	Resp:	67237
Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.4	120.6
192	8.8	13.3	19.9





#38

Carbon Tetrachloride

Concen: 2.885 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX044392.D

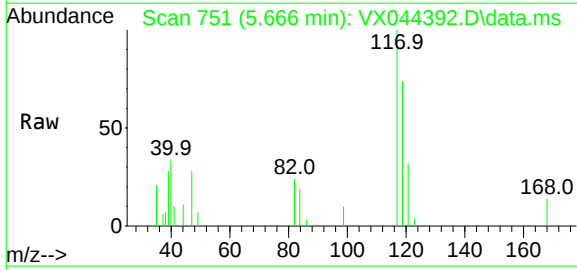
Acq: 18 Dec 2024 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20241213



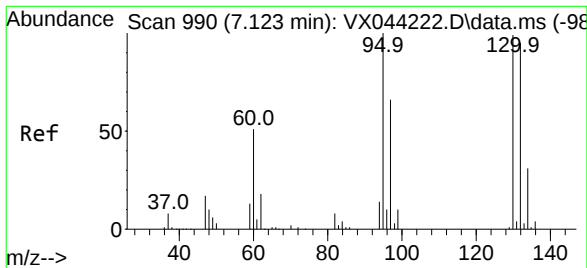
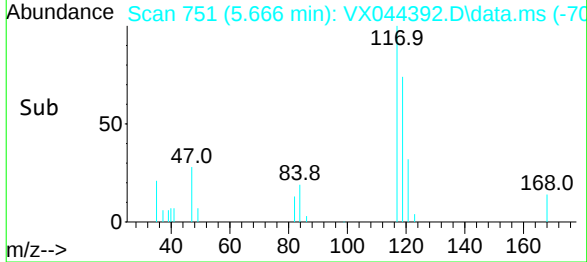
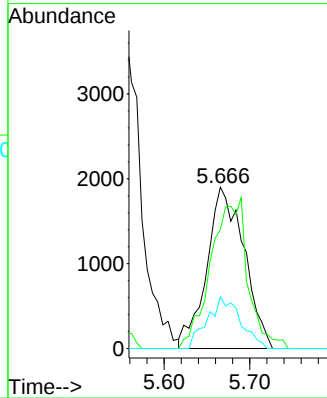
Tgt Ion:117 Resp: 5756

Ion Ratio Lower Upper

117 100

119 73.8 74.2 111.4#

121 32.1 23.0 34.6



#44

Trichloroethene

Concen: 540.040 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044392.D

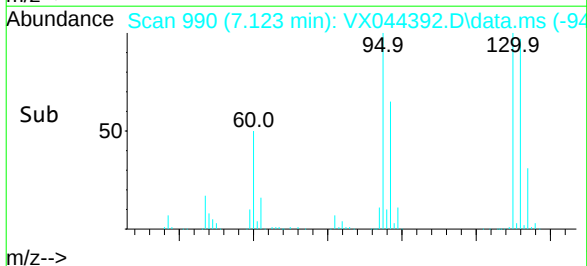
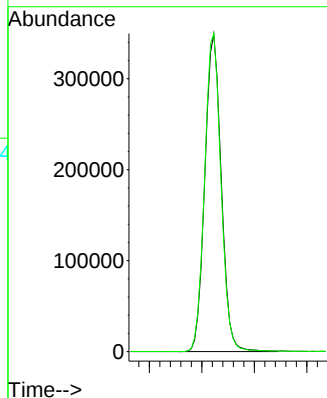
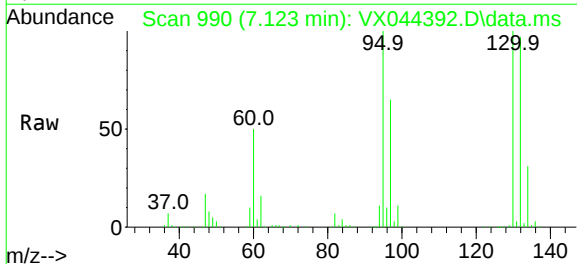
Acq: 18 Dec 2024 18:42

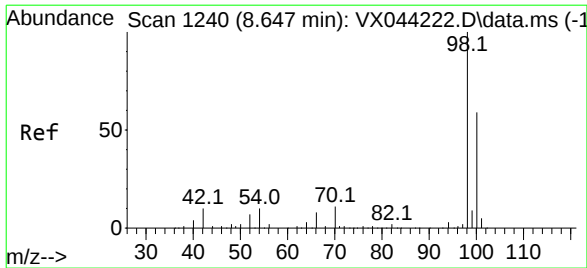
Tgt Ion:130 Resp: 757632

Ion Ratio Lower Upper

130 100

95 100.1 0.0 201.4





#50

Toluene-d8

Concen: 50.586 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

Instrument :

MSVOA_X

ClientSampleId :

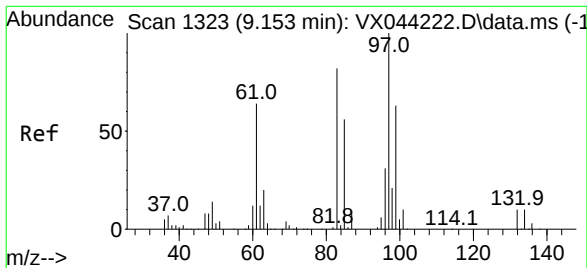
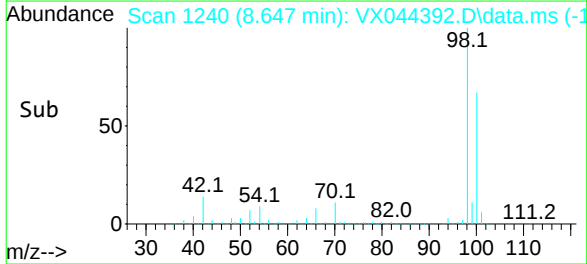
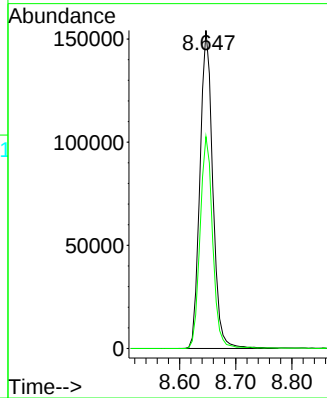
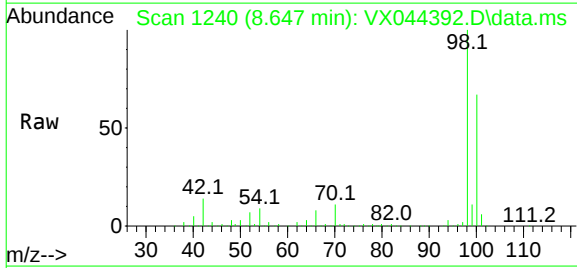
RE115D1-20241213

Tgt Ion: 98 Resp: 244633

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#55

1,1,2-Trichloroethane

Concen: 1.089 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

Tgt Ion: 97 Resp: 1528

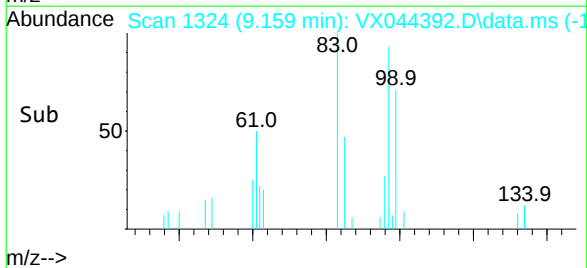
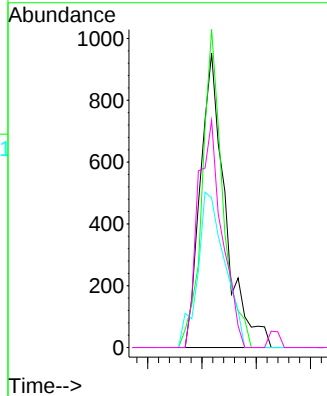
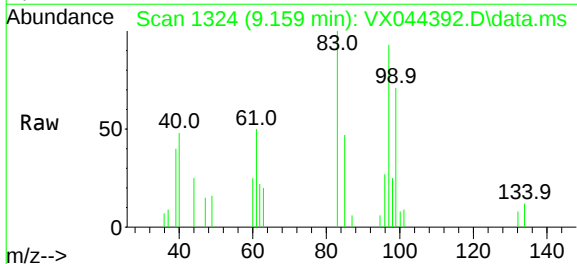
Ion Ratio Lower Upper

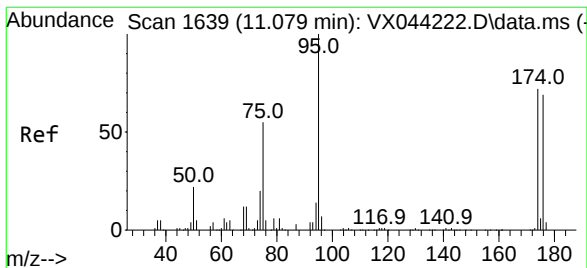
97 100

83 108.0 65.3 97.9#

85 50.8 44.6 67.0

99 77.1 50.2 75.2#





#62

4-Bromofluorobenzene

Concen: 46.037 ug/l

RT: 11.079 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044392.D

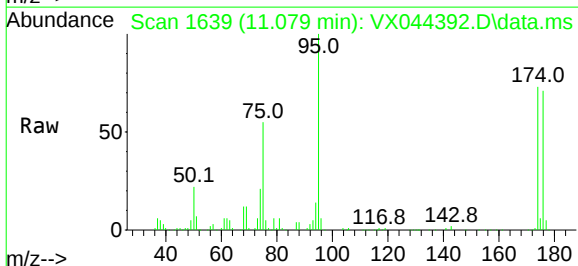
Acq: 18 Dec 2024 18:42

Instrument :

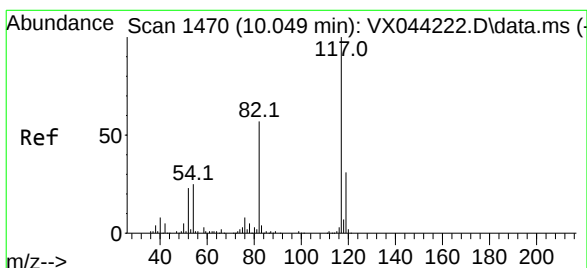
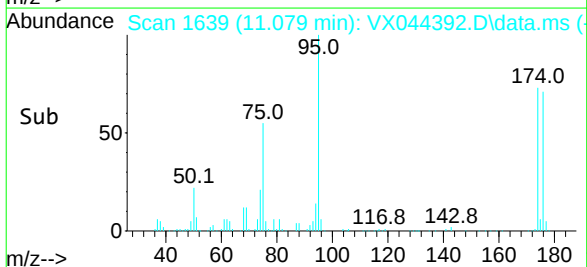
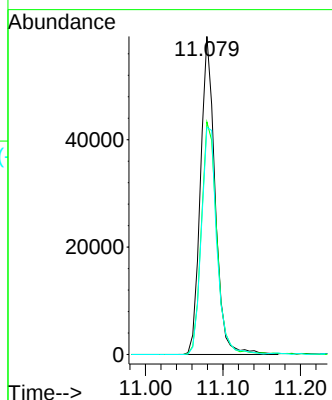
MSVOA_X

ClientSampleId :

RE115D1-20241213



Tgt Ion:	95	Resp:	77794
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	145.8
176	75.6	0.0	137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

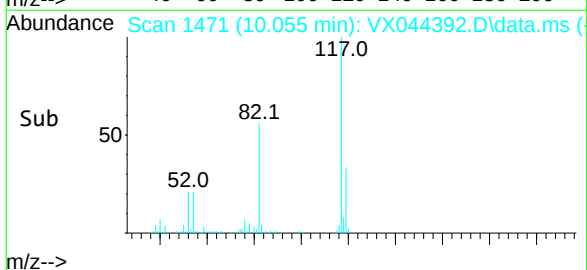
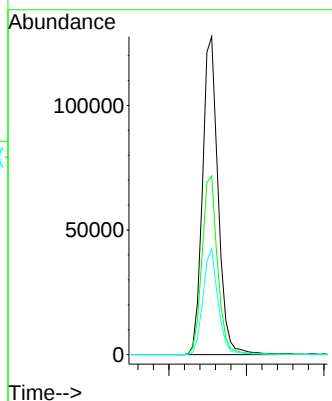
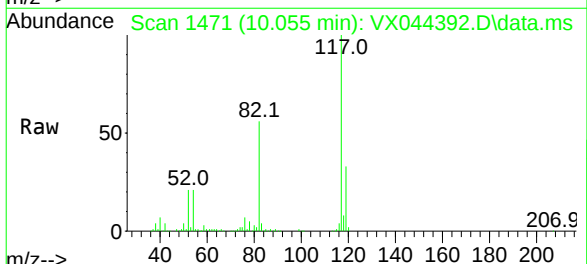
RT: 10.055 min Scan# 1471

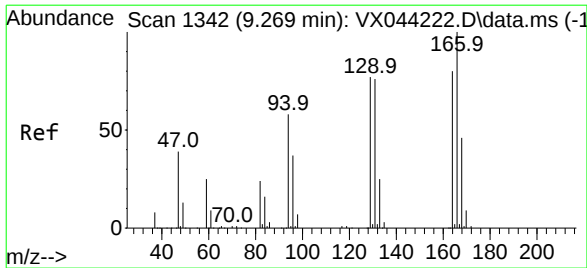
Delta R.T. 0.006 min

Lab File: VX044392.D

Acq: 18 Dec 2024 18:42

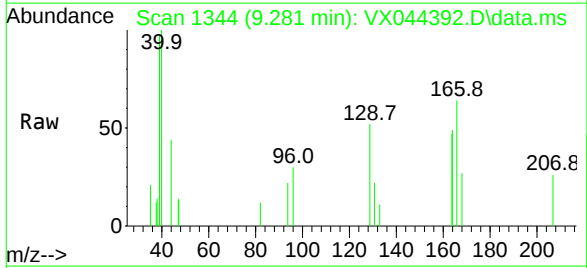
Tgt Ion:	117	Resp:	178386
Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.8	68.8
119	33.3	25.0	37.4



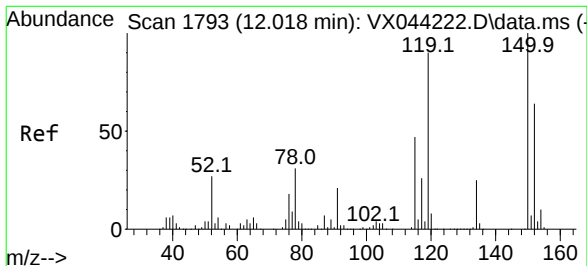
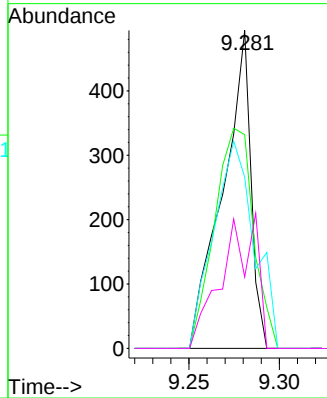
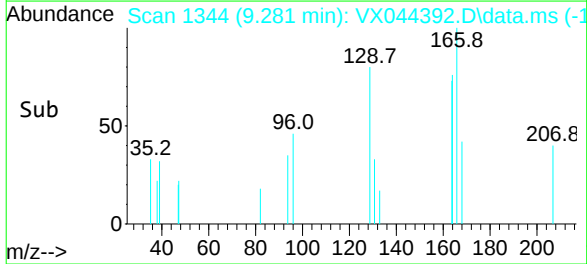


#64
Tetrachloroethene
Concen: 0.448 ug/l
RT: 9.281 min Scan# 1342
Delta R.T. 0.012 min
Lab File: VX044392.D
Acq: 18 Dec 2024 18:42

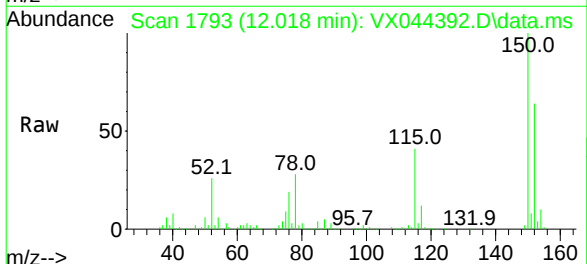
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20241213



Tgt Ion:	164	Resp:	530
Ion	Ratio	Lower	Upper
164	100		
166	67.2	100.4	150.6#
129	53.8	77.2	115.8#
131	22.5	76.2	114.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044392.D
Acq: 18 Dec 2024 18:42



Tgt Ion:	152	Resp:	70750
Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.5	133.3
150	155.1	0.0	353.8

