

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030904.D
 Acq On : 28 Aug 2022 05:35
 Operator : JC/MD
 Sample : N4360-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20220824

Quant Time: Aug 29 01:16:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

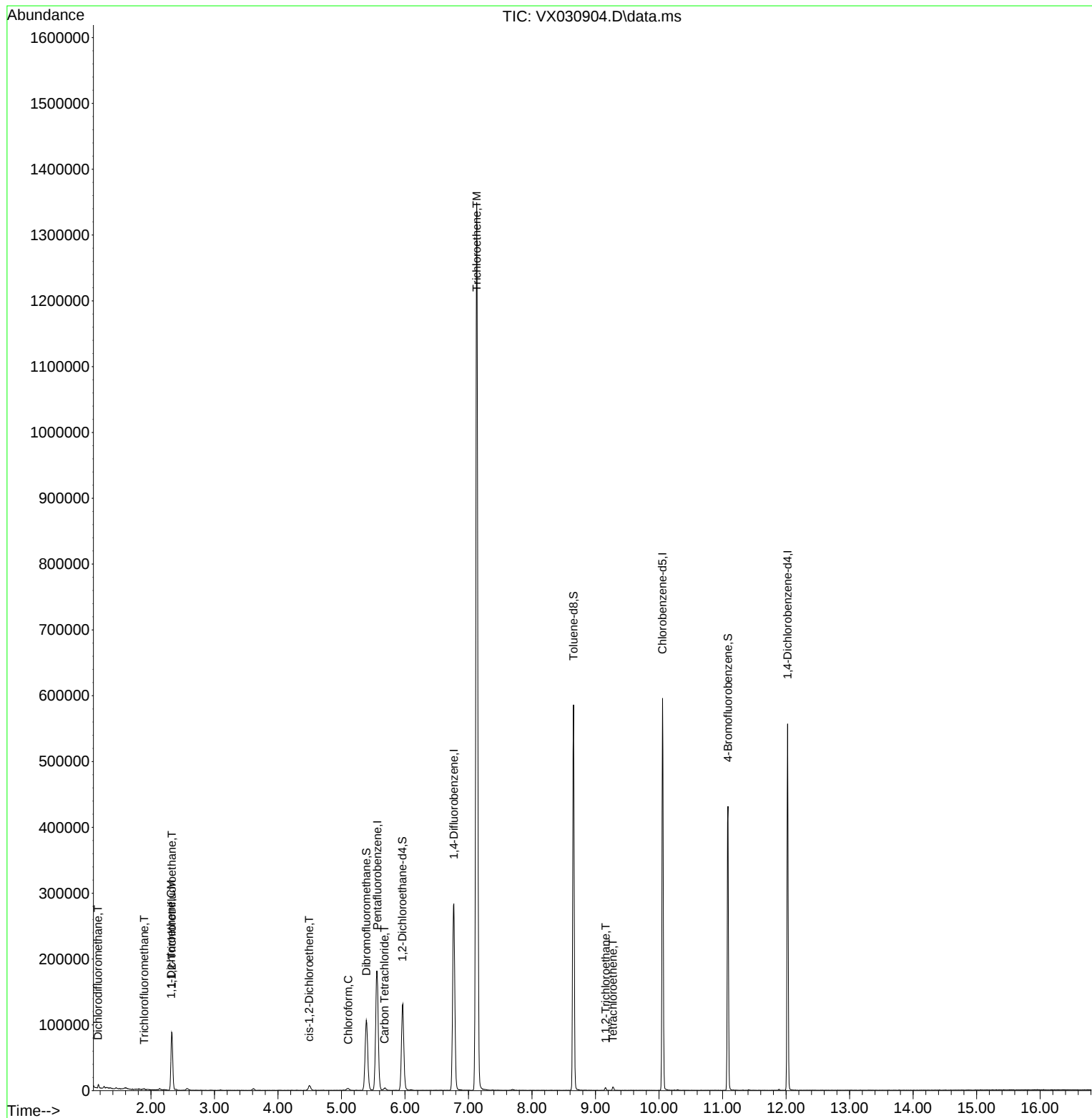
Internal Standards						
1) Pentafluorobenzene	5.562	168	159476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125691	67.004	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 134.000%#	
35) Dibromofluoromethane	5.391	113	89946	53.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.840%	
50) Toluene-d8	8.653	98	339072	57.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.580%#	
62) 4-Bromofluorobenzene	11.085	95	111464	51.030	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1737	1.175	ug/l	84
7) Trichlorofluoromethane	1.892	101	627	0.257	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	26393	16.995	ug/l	96
12) 1,1-Dichloroethene	2.319	96	8695	6.015	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	4036	2.104	ug/l	85
30) Chloroform	5.105	83	3353	1.046	ug/l	85
38) Carbon Tetrachloride	5.678	117	2919	1.207	ug/l #	87
44) Trichloroethene	7.129	130	468224	236.273	ug/l	87
55) 1,1,2-Trichloroethane	9.159	97	1095	0.576	ug/l	87
64) Tetrachloroethene	9.275	164	1133	0.584	ug/l #	79

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

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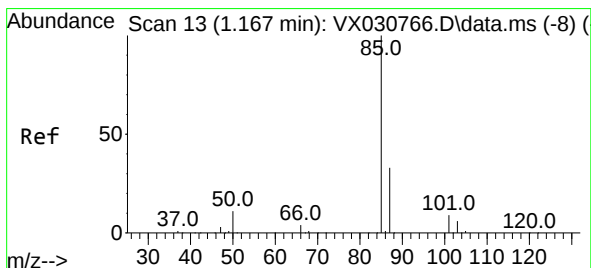
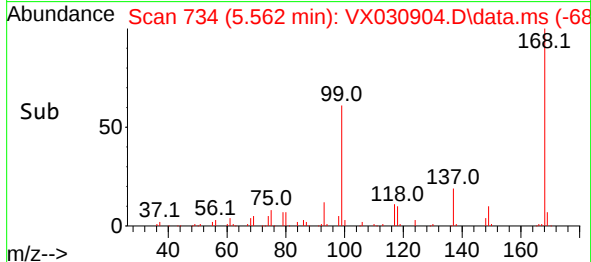
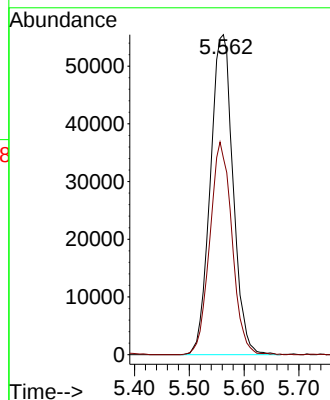
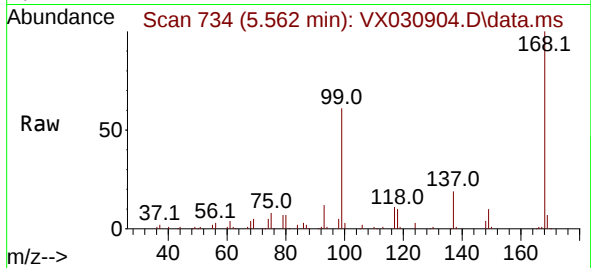




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

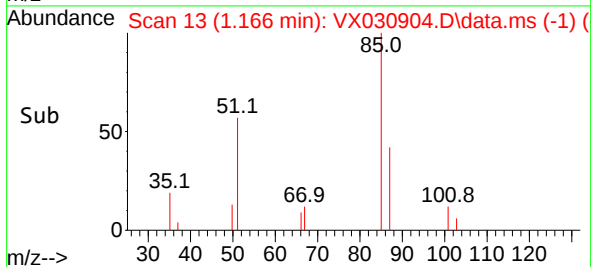
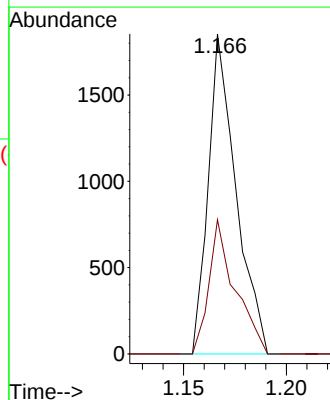
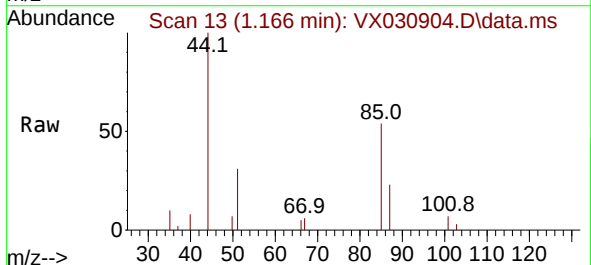
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20220824

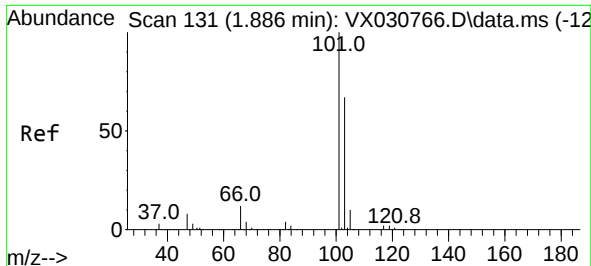
Tgt Ion:168 Resp: 159476
Ion Ratio Lower Upper
168 100
99 61.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 1.175 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Tgt Ion: 85 Resp: 1737
Ion Ratio Lower Upper
85 100
87 42.0 16.5 49.5

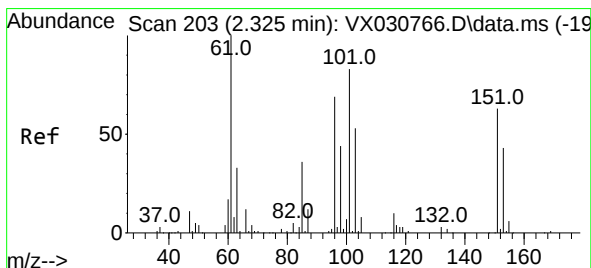
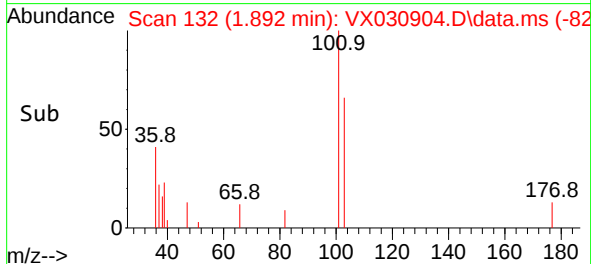
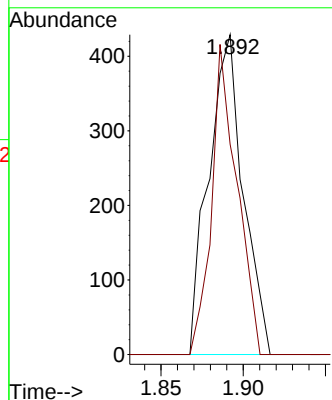
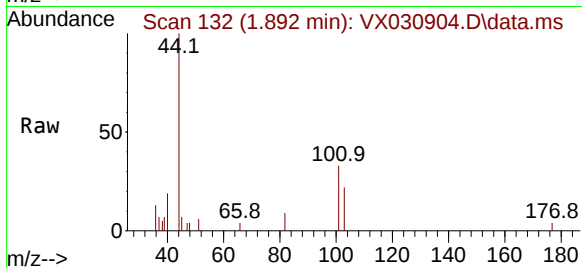




#7
 Trichlorofluoromethane
 Concen: 0.257 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030904.D
 Acq: 28 Aug 2022 05:35

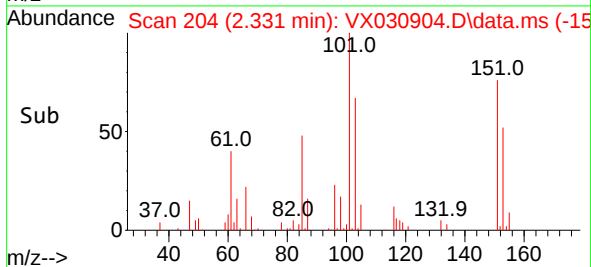
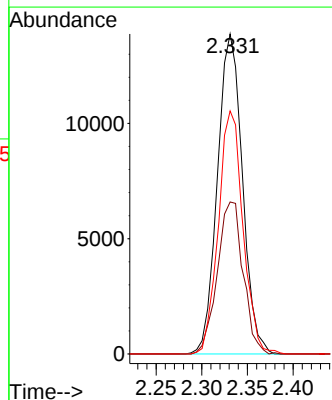
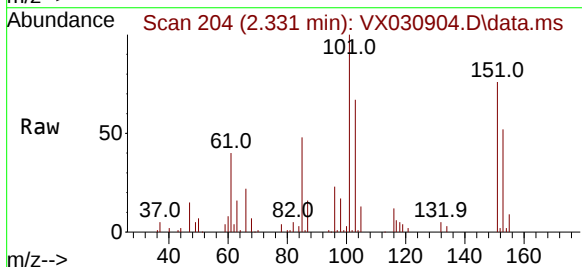
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20220824

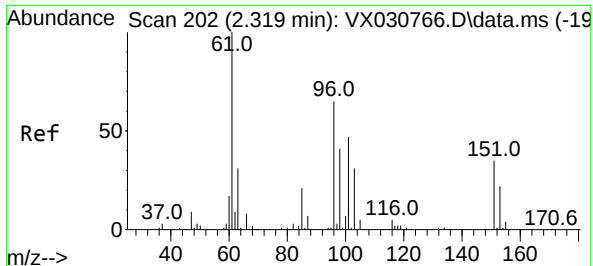
Tgt Ion:101 Resp: 627
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.7 74.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.995 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030904.D
 Acq: 28 Aug 2022 05:35

Tgt Ion:101 Resp: 26393
 Ion Ratio Lower Upper
 101 100
 85 49.1 34.0 51.0
 151 74.8 59.4 89.0





#12

1,1-Dichloroethene

Concen: 6.015 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030904.D

Acq: 28 Aug 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20220824

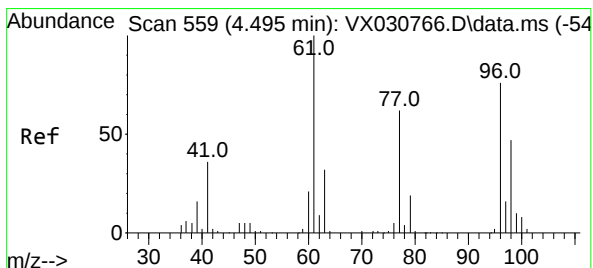
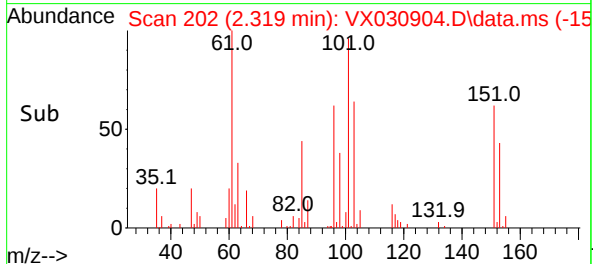
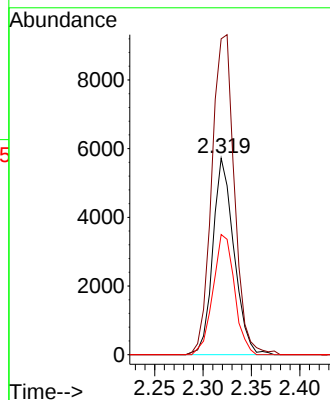
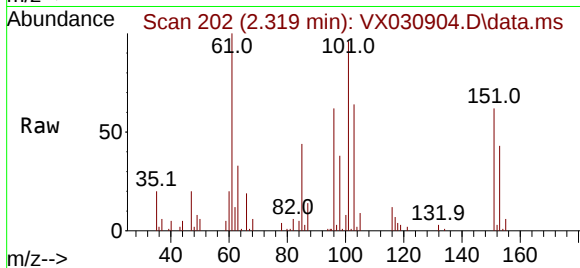
Tgt Ion: 96 Resp: 8695

Ion Ratio Lower Upper

96 100

61 160.7 117.4 176.0

98 61.2 52.2 78.4



#27

cis-1,2-Dichloroethene

Concen: 2.104 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030904.D

Acq: 28 Aug 2022 05:35

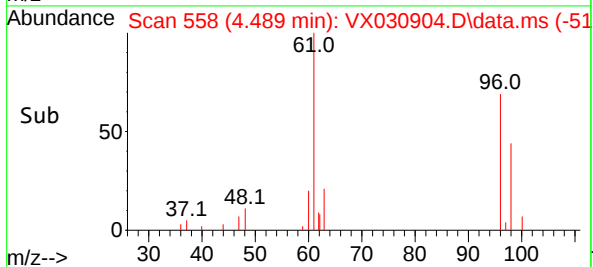
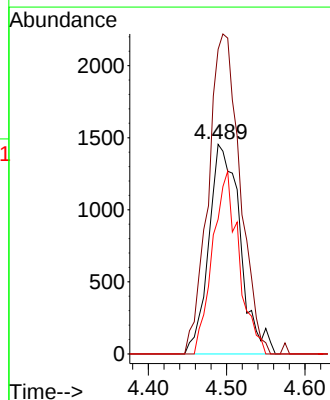
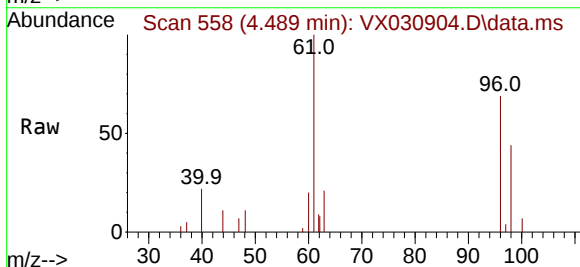
Tgt Ion: 96 Resp: 4036

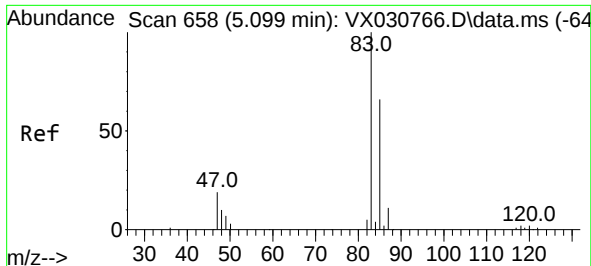
Ion Ratio Lower Upper

96 100

61 155.2 0.0 270.0

98 73.1 0.0 127.8





#30

Chloroform

Concen: 1.046 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030904.D

Acq: 28 Aug 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

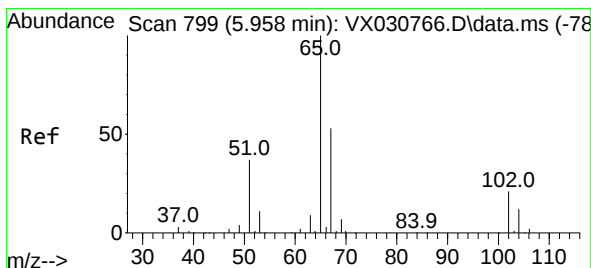
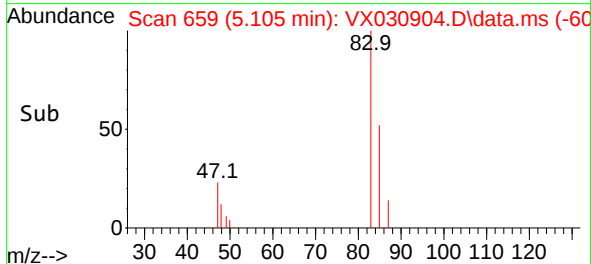
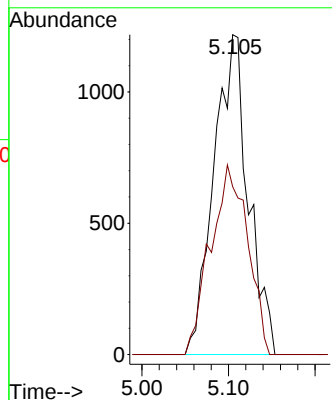
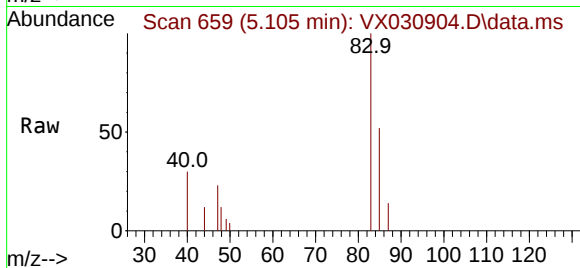
TT101D1-20220824

Tgt Ion: 83 Resp: 3353

Ion Ratio Lower Upper

83 100

85 52.5 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 67.004 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030904.D

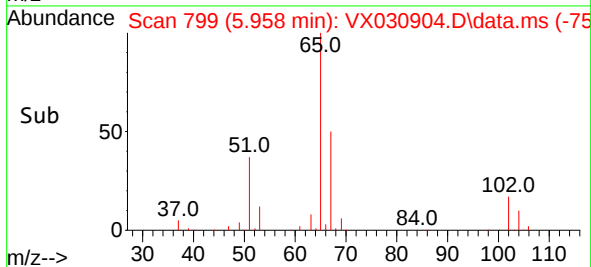
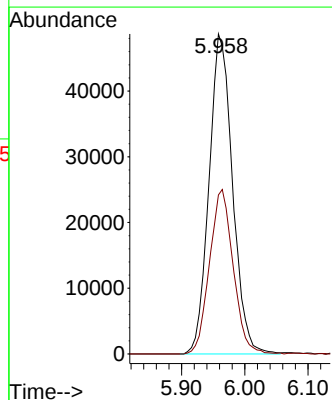
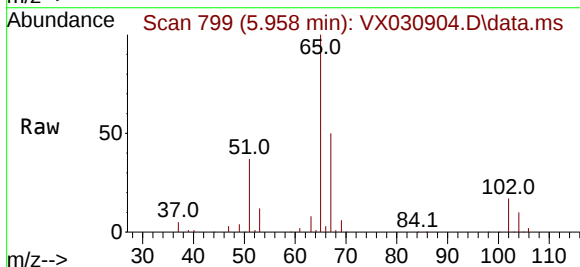
Acq: 28 Aug 2022 05:35

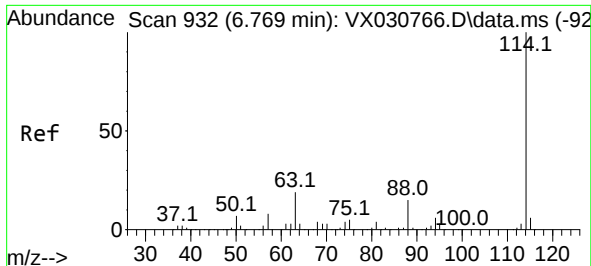
Tgt Ion: 65 Resp: 125691

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6

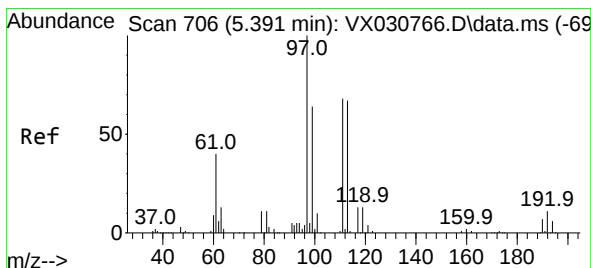
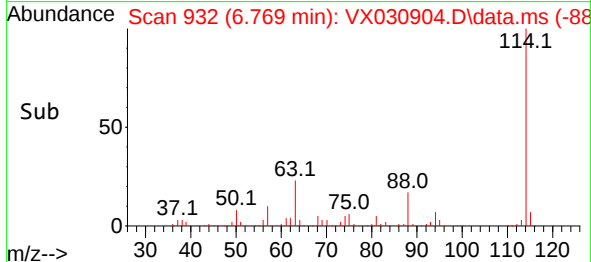
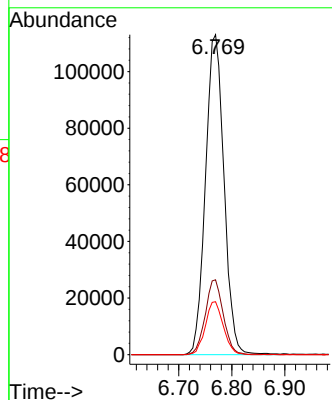
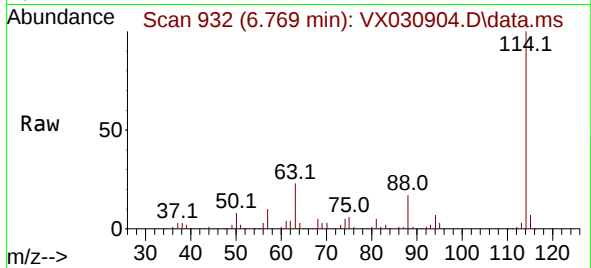




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

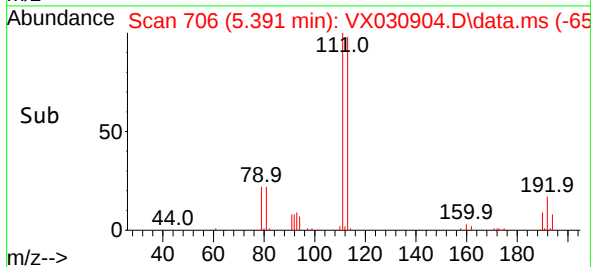
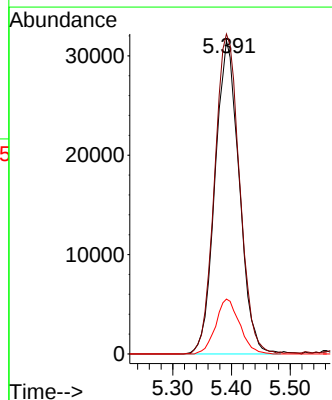
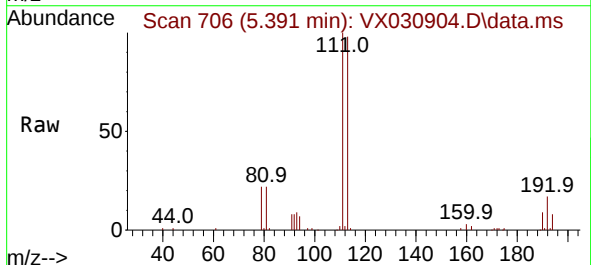
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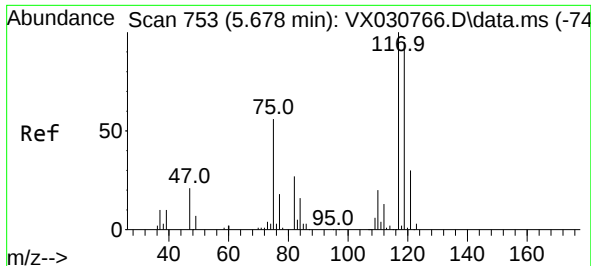
Tgt Ion:114 Resp: 273951
Ion Ratio Lower Upper
114 100
63 23.4 0.0 38.4
88 16.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.423 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Tgt Ion:113 Resp: 89946
Ion Ratio Lower Upper
113 100
111 105.4 83.2 124.8
192 17.3 14.8 22.2

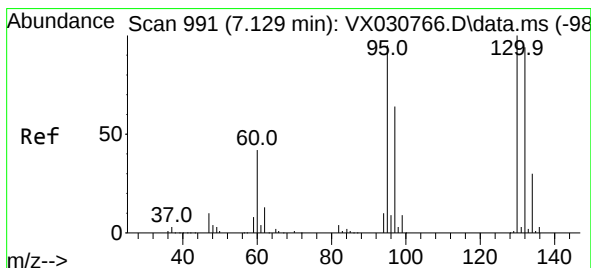
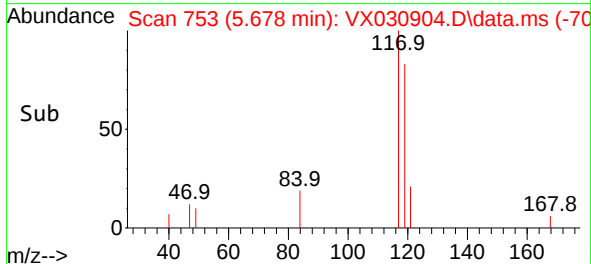
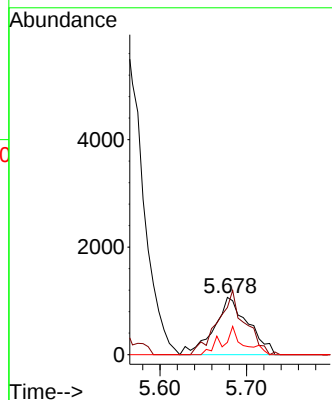
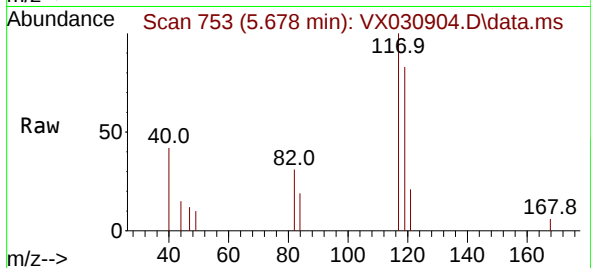




#38
Carbon Tetrachloride
Concen: 1.207 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

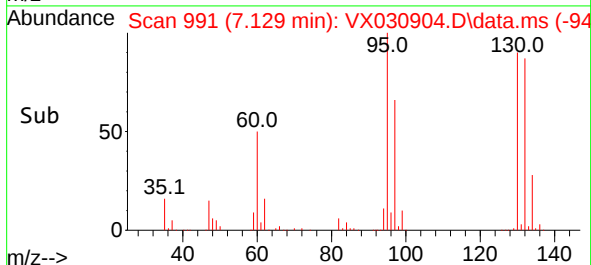
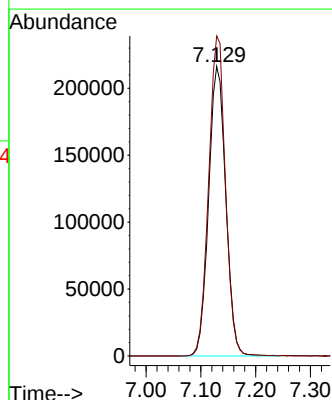
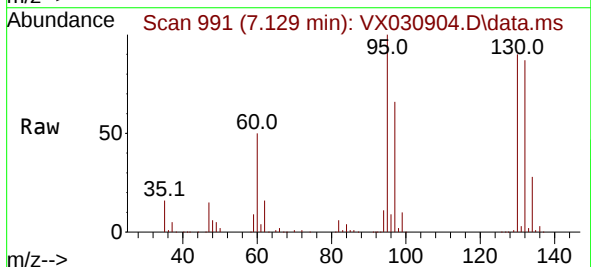
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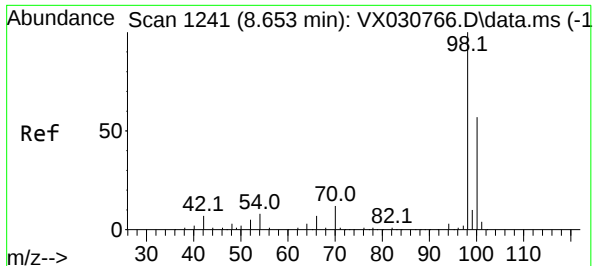
Tgt Ion:117 Resp: 2919
Ion Ratio Lower Upper
117 100
119 82.5 74.1 111.1
121 21.4 25.8 38.8#



#44
Trichloroethene
Concen: 236.273 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Tgt Ion:130 Resp: 468224
Ion Ratio Lower Upper
130 100
95 110.5 0.0 194.8

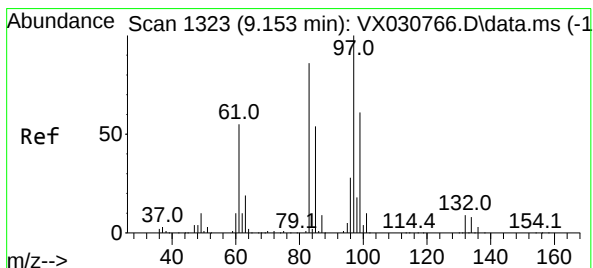
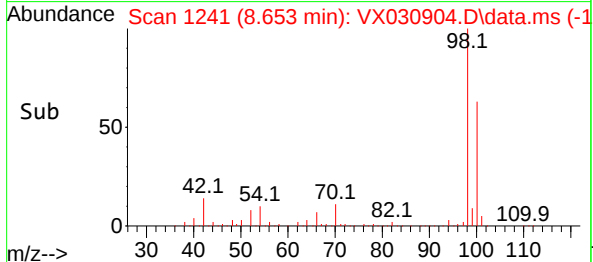
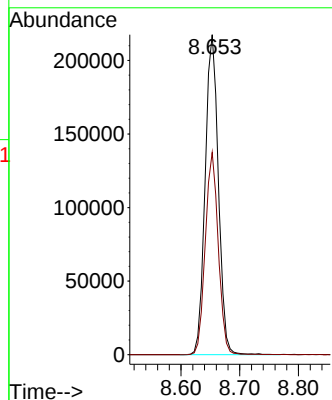
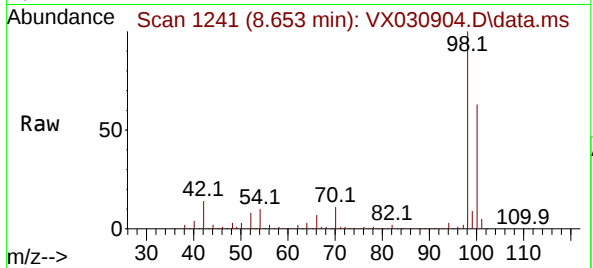




#50
Toluene-d8
Concen: 57.793 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

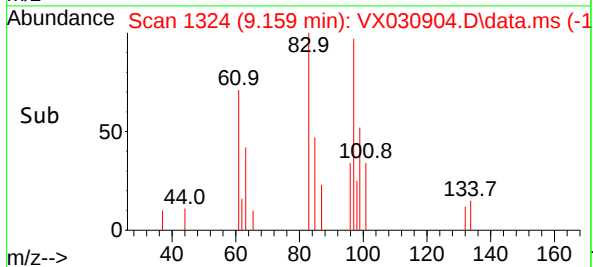
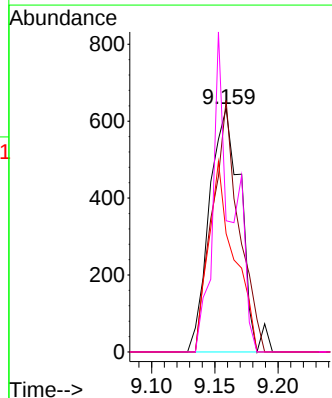
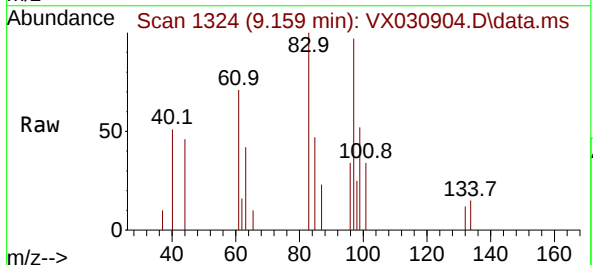
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20220824

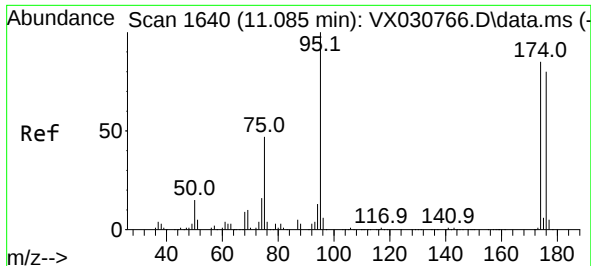
Tgt Ion: 98 Resp: 339072
Ion Ratio Lower Upper
98 100
100 62.2 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 0.576 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Tgt Ion: 97 Resp: 1095
Ion Ratio Lower Upper
97 100
83 103.3 68.9 103.3
85 48.7 44.0 66.0
99 53.9 48.3 72.5

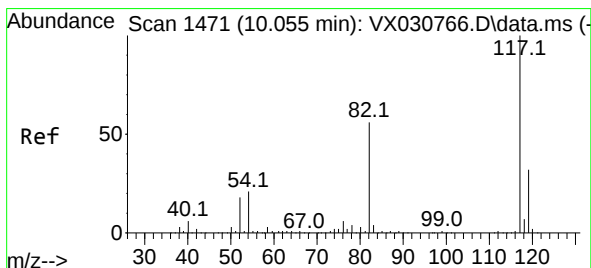
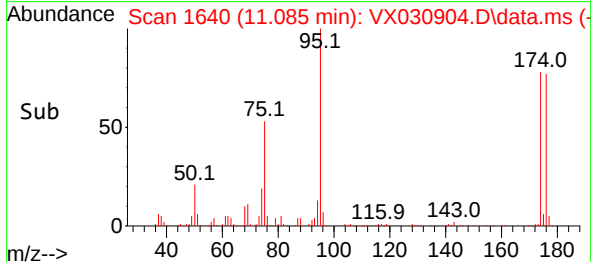
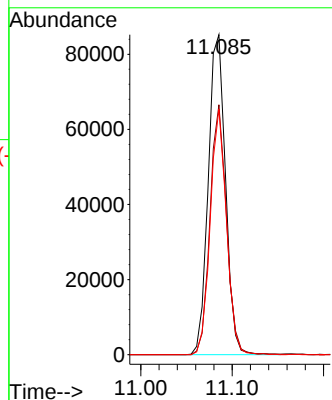
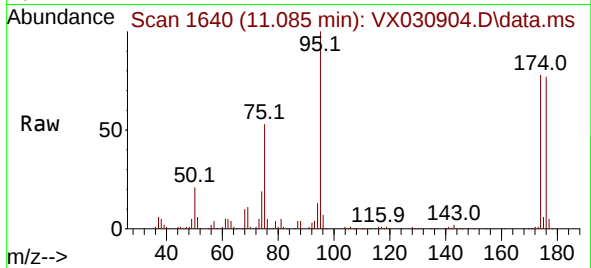




#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 11.085 min Scan# 111464
Delta R.T. 0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

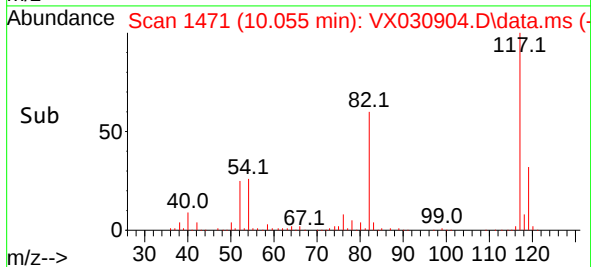
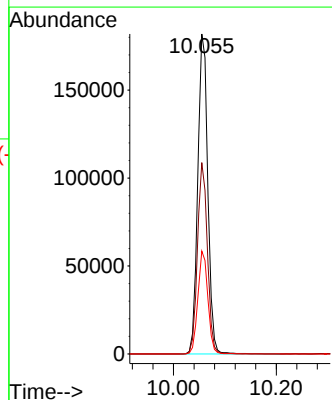
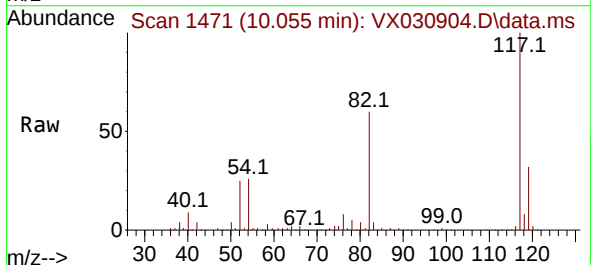
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20220824

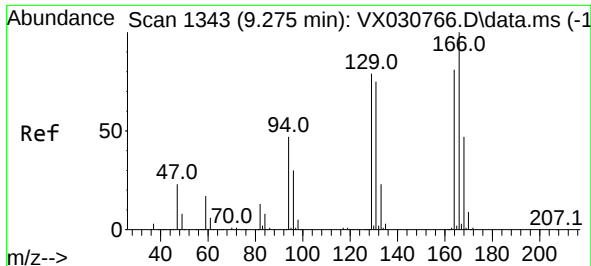
Tgt Ion: 95 Resp: 111464
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.0
176 72.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Tgt Ion: 117 Resp: 246399
Ion Ratio Lower Upper
117 100
82 59.8 42.7 64.1
119 32.1 25.4 38.2

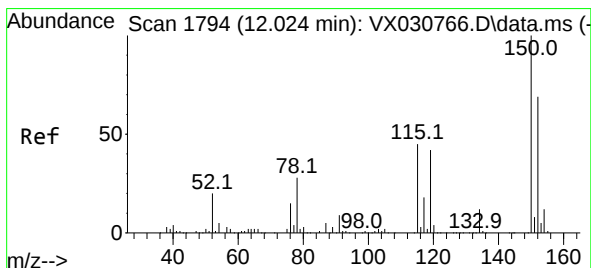
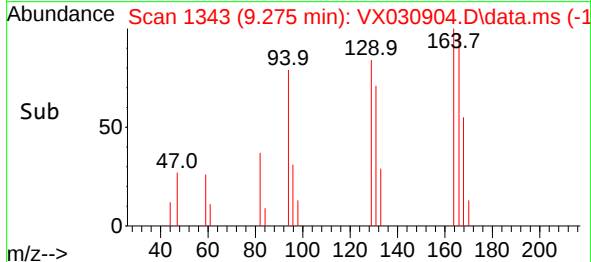
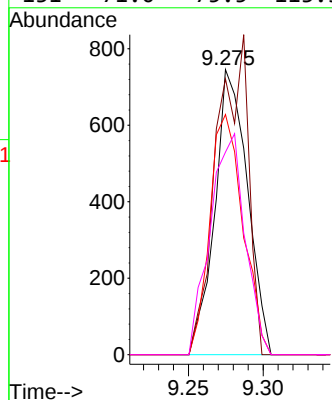
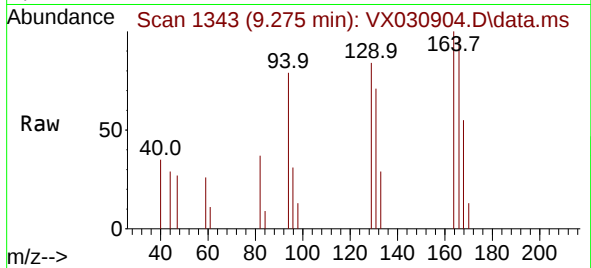




#64
Tetrachloroethene
Concen: 0.584 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20220824

Tgt	Ion:164	Resp:	1133
Ion	Ratio	Lower	Upper
164	100		
166	96.6	98.2	147.4#
129	84.2	80.8	121.2
131	71.0	75.5	113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030904.D
Acq: 28 Aug 2022 05:35

Tgt Ion:152	Resp:	104686	
Ion	Ratio	Lower	Upper
152	100		
115	63.3	40.5	121.5
150	157.7	0.0	347.0

