

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030855.D
 Acq On : 27 Aug 2022 08:13
 Operator : JC/MD
 Sample : N4281-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20220819

Quant Time: Aug 27 22:21:40 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)

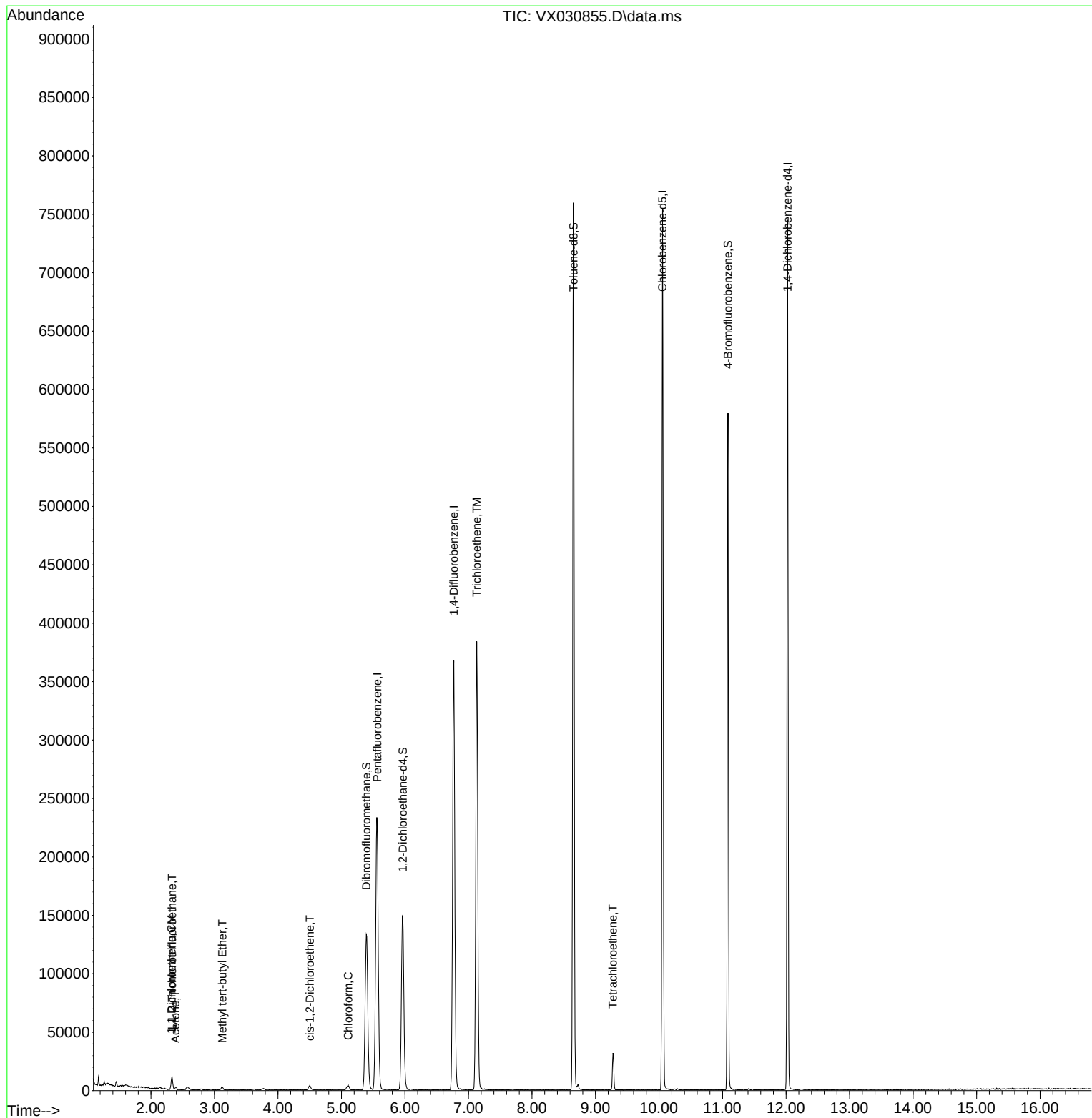
Internal Standards						
1) Pentafluorobenzene	5.562	168	221959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	375436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144927	55.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.020%	
35) Dibromofluoromethane	5.391	113	118879	51.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	8.653	98	451242	56.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.240%	
62) 4-Bromofluorobenzene	11.085	95	152311	50.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.760%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	4022	1.861	ug/l	89
12) 1,1-Dichloroethene	2.325	96	668	0.332	ug/l #	91
16) Acetone	2.386	43	2395	1.985	ug/l #	80
19) Methyl tert-butyl Ether	3.123	73	2436	0.350	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	2452	0.918	ug/l	92
30) Chloroform	5.105	83	5075	1.138	ug/l	89
44) Trichloroethene	7.129	130	146510	53.947	ug/l	97
64) Tetrachloroethene	9.275	164	5981	2.255	ug/l	90

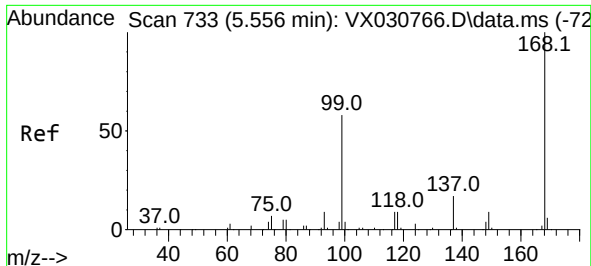
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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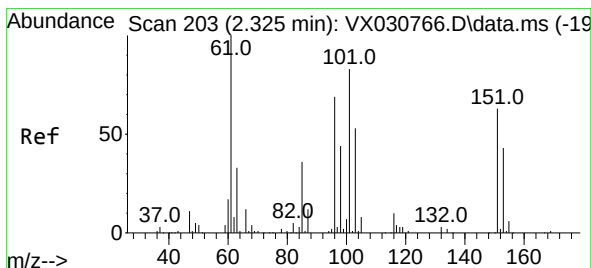
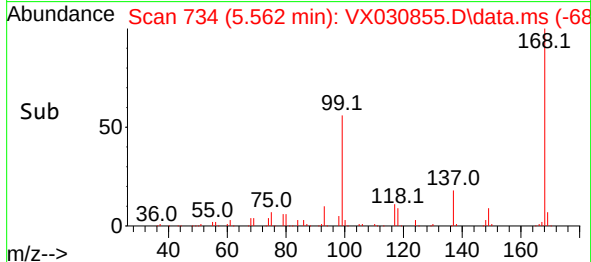
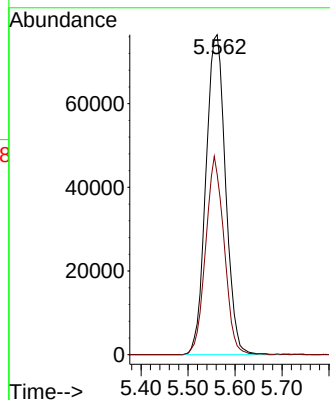
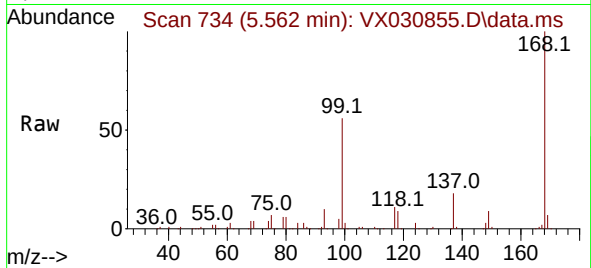




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

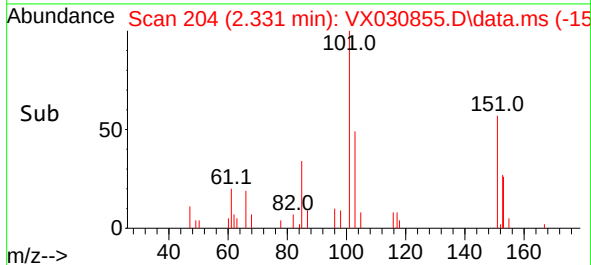
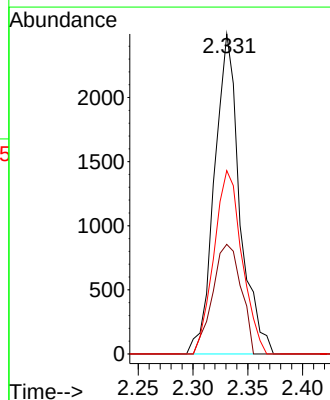
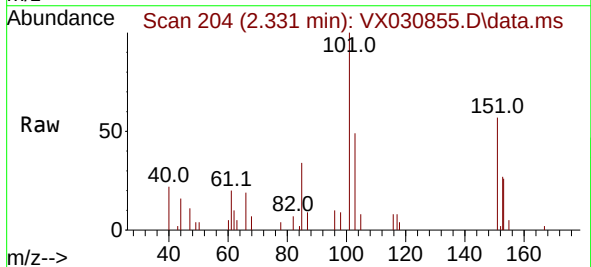
Instrument :
MSVOA_X
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RE132D1-20220819

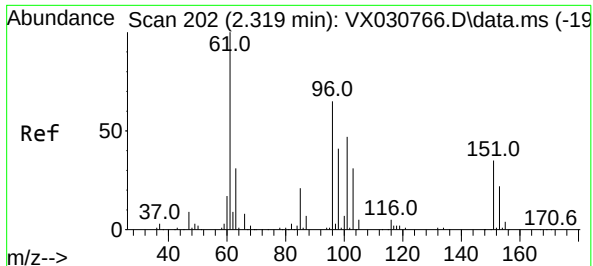
Tgt Ion:168 Resp: 221959
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.861 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion:101 Resp: 4022
Ion Ratio Lower Upper
101 100
85 38.4 34.0 51.0
151 63.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.332 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX030855.D

Acq: 27 Aug 2022 08:13

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20220819

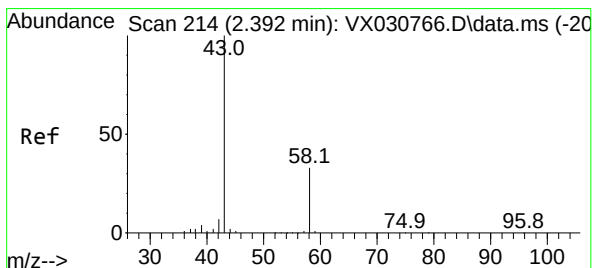
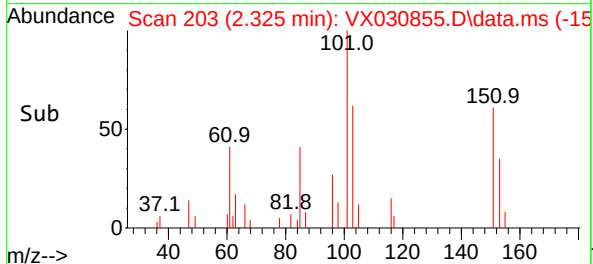
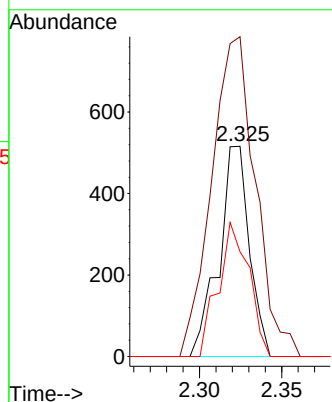
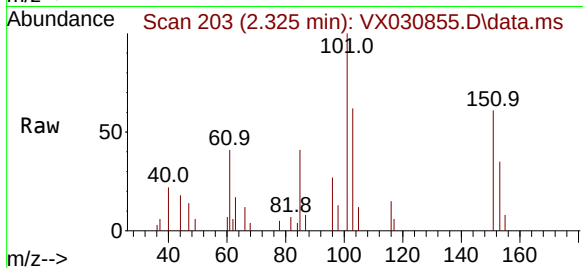
Tgt Ion: 96 Resp: 668

Ion Ratio Lower Upper

96 100

61 152.1 117.4 176.0

98 49.8 52.2 78.4#



#16

Acetone

Concen: 1.985 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX030855.D

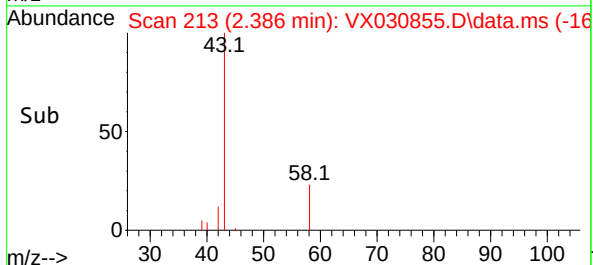
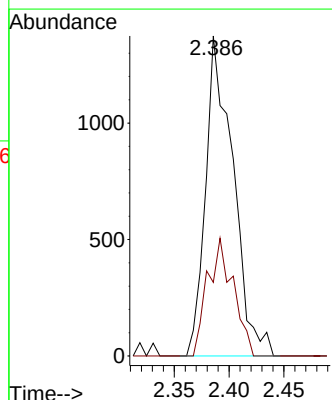
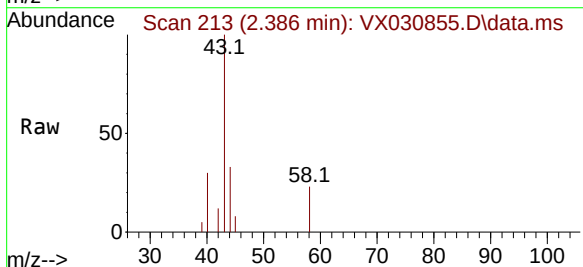
Acq: 27 Aug 2022 08:13

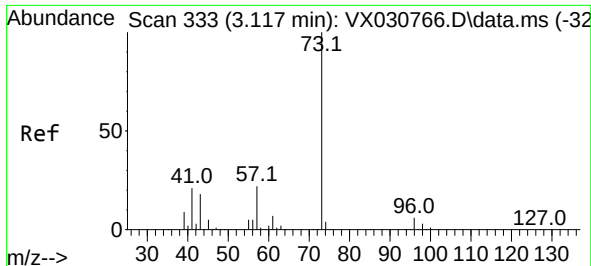
Tgt Ion: 43 Resp: 2395

Ion Ratio Lower Upper

43 100

58 23.0 27.7 41.5#

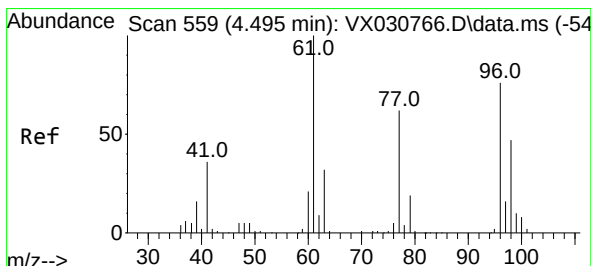
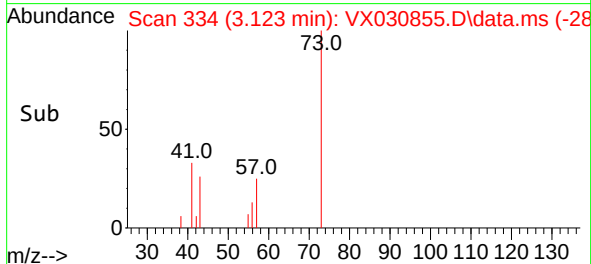
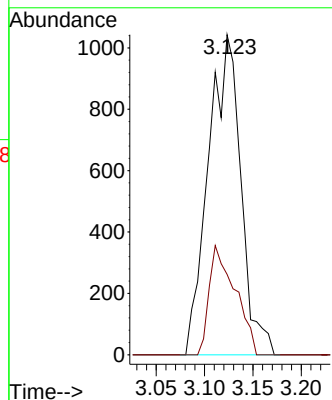
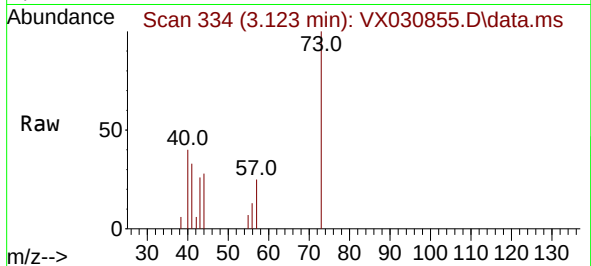




#19
Methyl tert-butyl Ether
Concen: 0.350 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

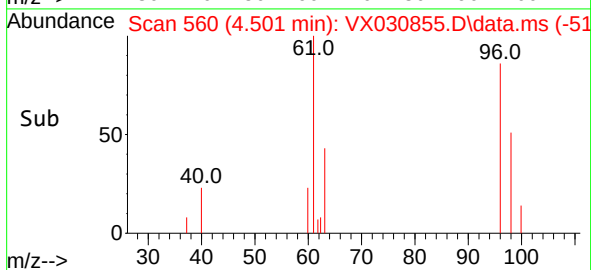
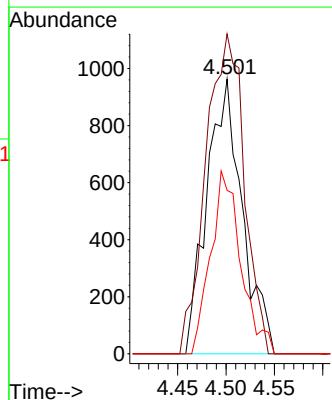
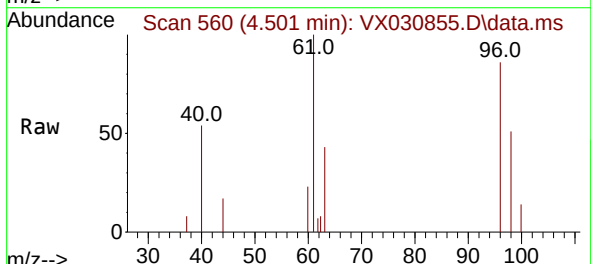
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20220819

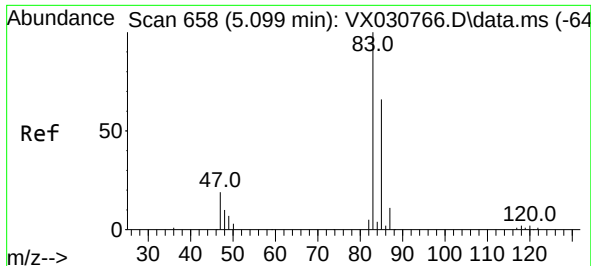
Tgt Ion: 73 Resp: 2436
Ion Ratio Lower Upper
73 100
57 25.1 19.0 28.6



#27
cis-1,2-Dichloroethene
Concen: 0.918 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion: 96 Resp: 2452
Ion Ratio Lower Upper
96 100
61 125.6 0.0 270.0
98 56.9 0.0 127.8

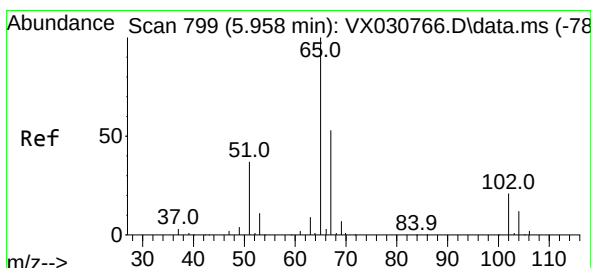
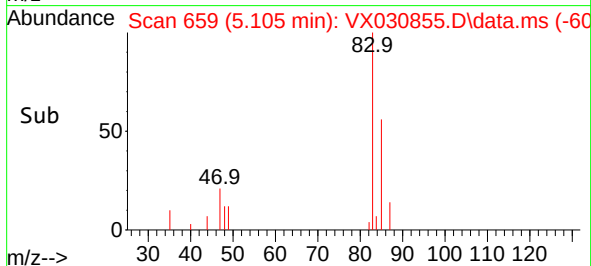
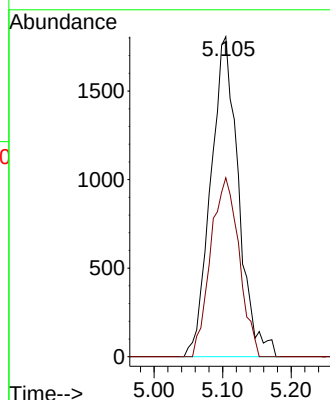
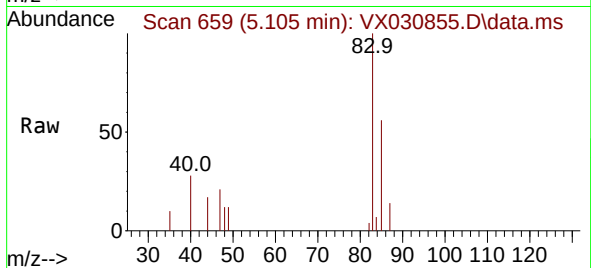




#30
Chloroform
Concen: 1.138 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

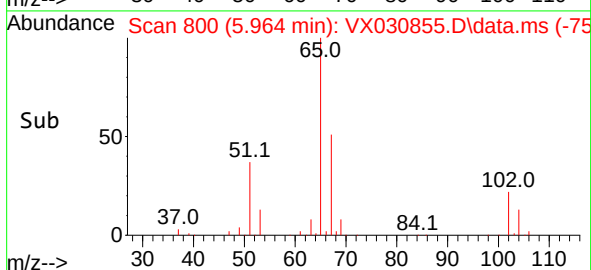
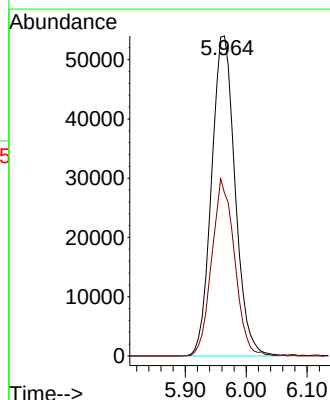
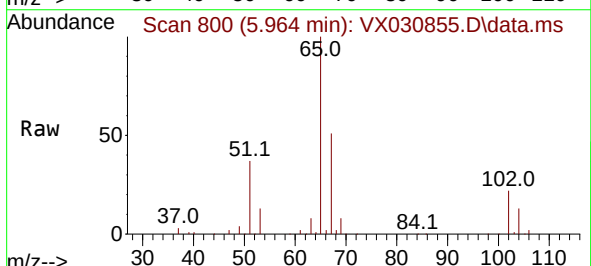
Instrument :
MSVOA_X
ClientSampleId :
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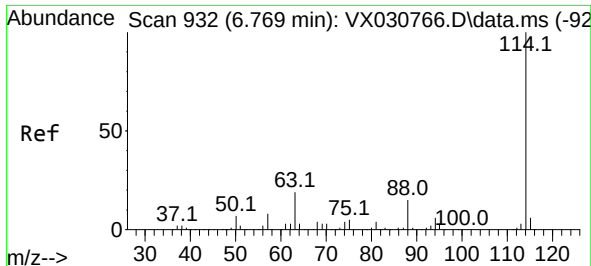
Tgt Ion: 83 Resp: 5075
Ion Ratio Lower Upper
83 100
85 55.9 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 55.510 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion: 65 Resp: 144927
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

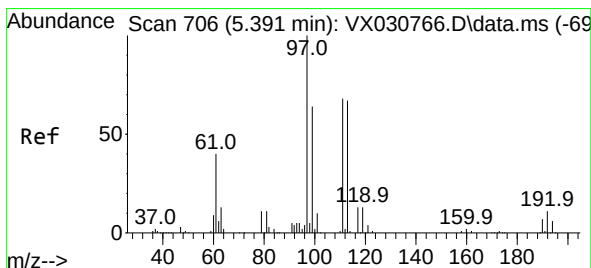
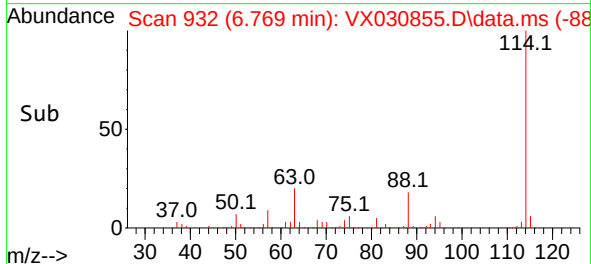
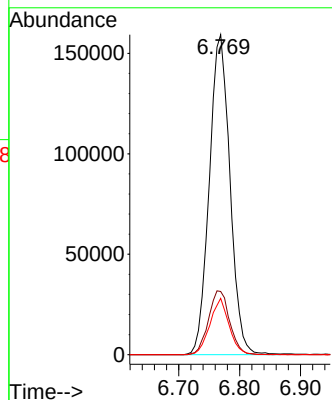
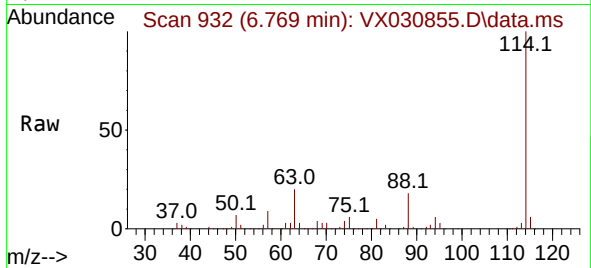




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

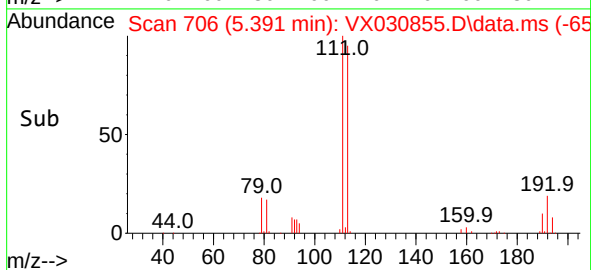
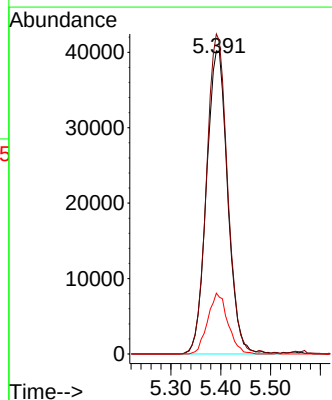
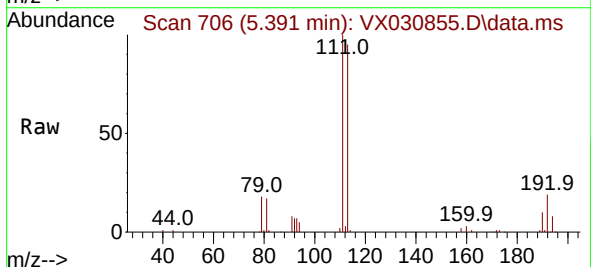
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20220819

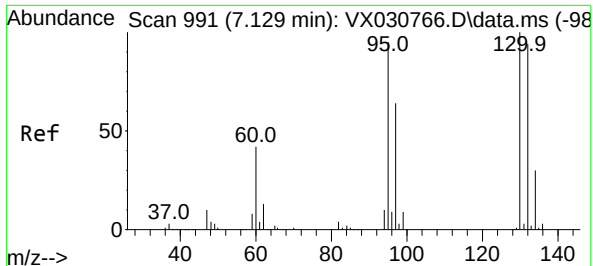
Tgt Ion:114 Resp: 375436
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 17.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.522 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion:113 Resp: 118879
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 19.0 14.8 22.2

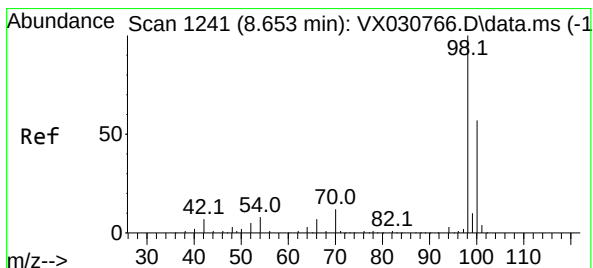
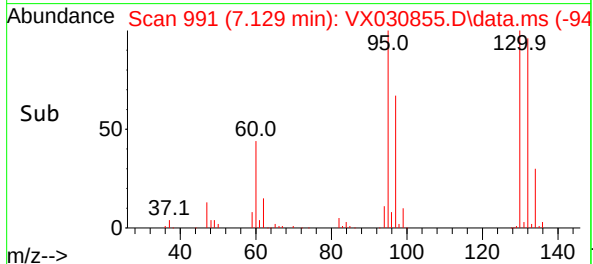
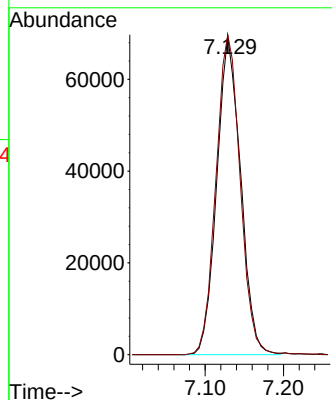
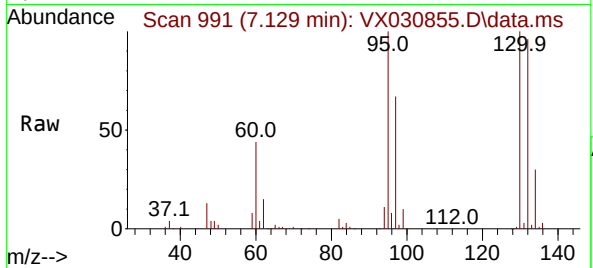




#44
Trichloroethene
Concen: 53.947 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

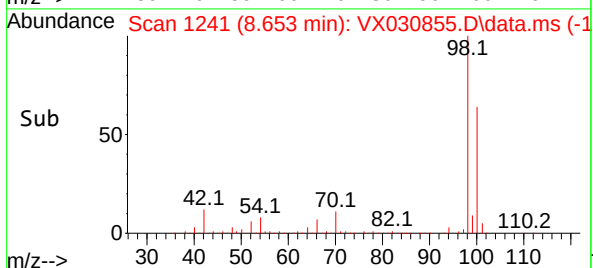
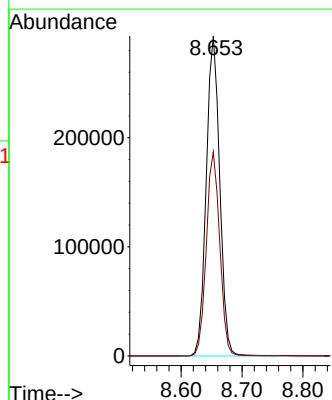
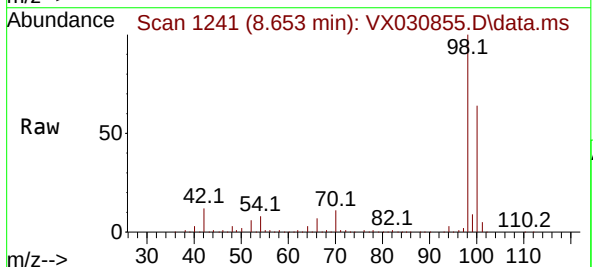
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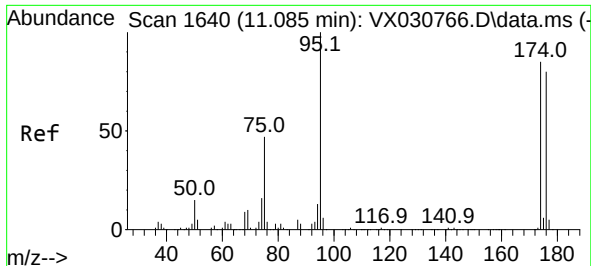
Tgt Ion:130 Resp: 146510
Ion Ratio Lower Upper
130 100
95 100.3 0.0 194.8



#50
Toluene-d8
Concen: 56.122 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion: 98 Resp: 451242
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5

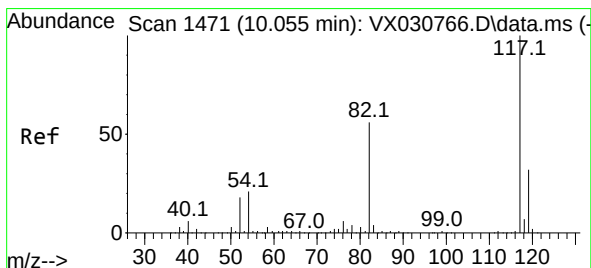
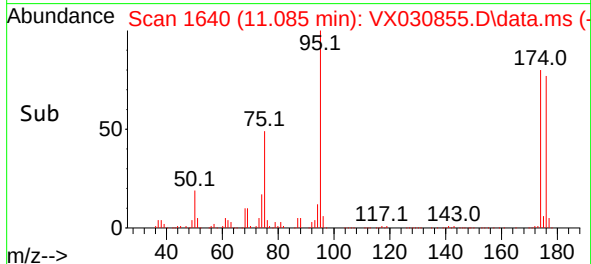
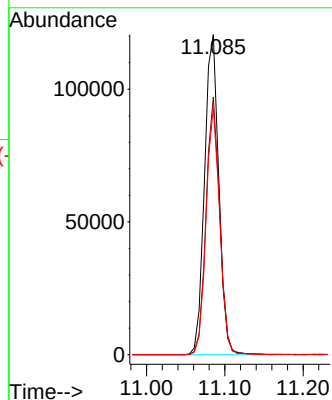
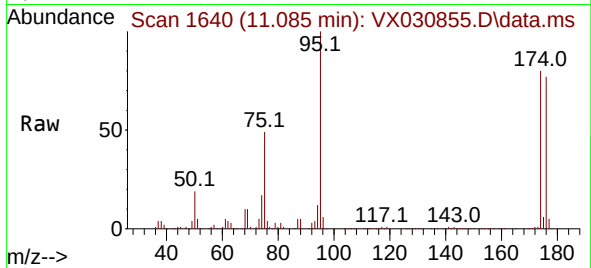




#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

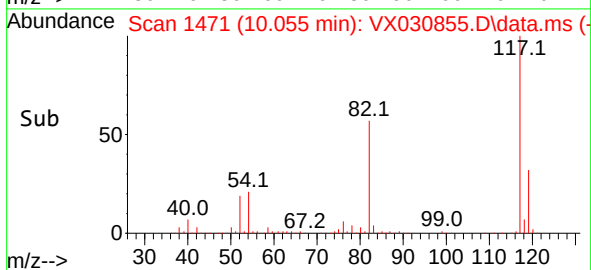
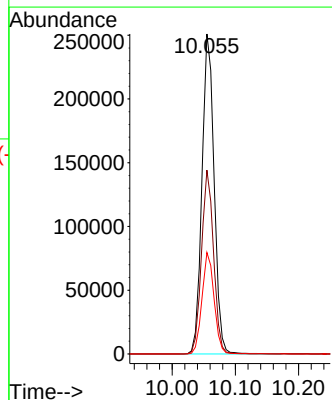
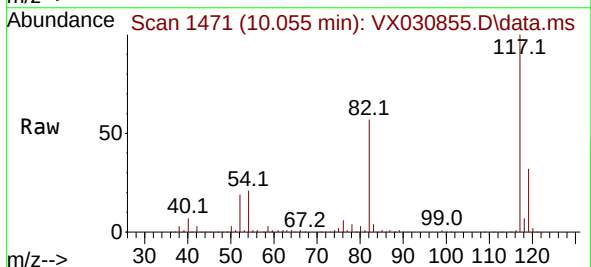
Instrument :
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RE132D1-20220819

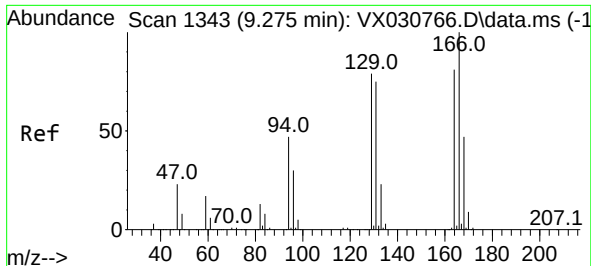
Tgt Ion: 95 Resp: 152311
Ion Ratio Lower Upper
95 100
174 77.3 0.0 149.0
176 73.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion: 117 Resp: 336763
Ion Ratio Lower Upper
117 100
82 57.4 42.7 64.1
119 31.7 25.4 38.2

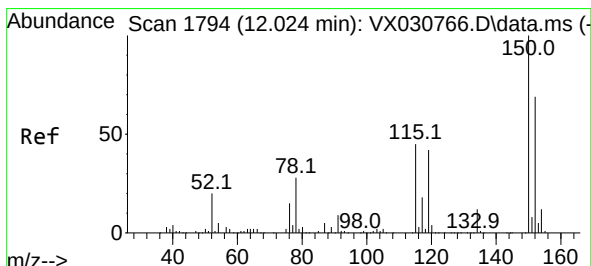
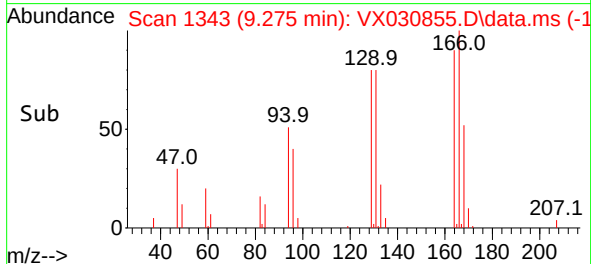
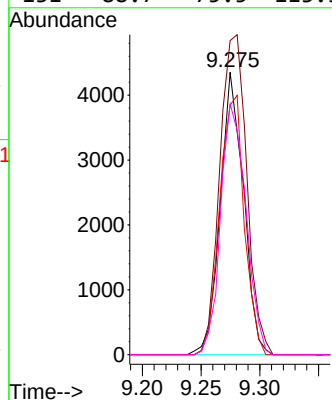
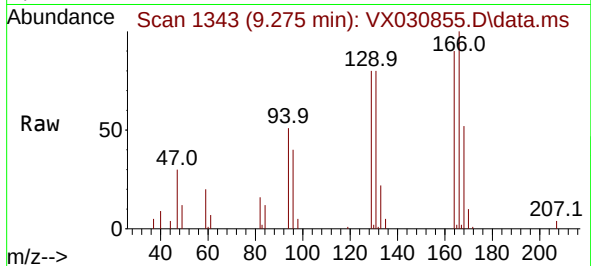




#64
Tetrachloroethene
Concen: 2.255 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030855.D
Acq: 27 Aug 2022 08:13

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20220819

Tgt Ion:164	Resp:	5981
Ion	Ratio	Lower Upper
164	100	
166	111.2	98.2 147.4
129	88.4	80.8 121.2
131	88.7	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: VX030855.D
Acq: 27 Aug 2022 08:13

Tgt Ion:152	Resp:	146672
Ion	Ratio	Lower Upper
152	100	
115	59.3	40.5 121.5
150	156.4	0.0 347.0

