

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030852.D
 Acq On : 27 Aug 2022 07:03
 Operator : JC/MD
 Sample : N4281-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20220818

Quant Time: Aug 27 22:20:58 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)

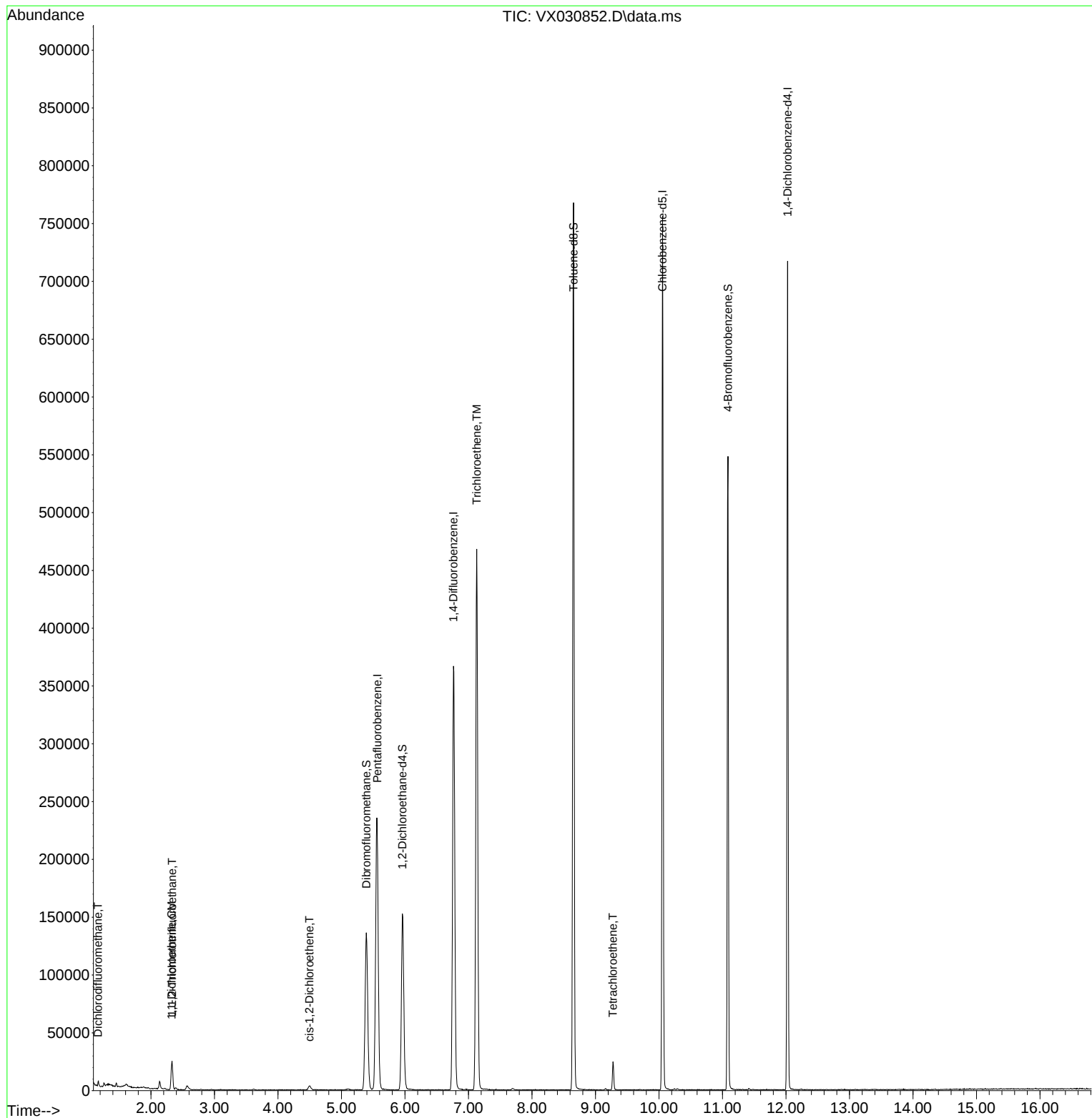
Internal Standards						
1) Pentafluorobenzene	5.562	168	222616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	383378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145249	55.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.940%	
35) Dibromofluoromethane	5.391	113	121261	51.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	8.653	98	449067	54.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	11.085	95	146523	47.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1662	0.806	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	8531	3.935	ug/l	92
12) 1,1-Dichloroethene	2.325	96	1044	0.517	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	2289	0.855	ug/l	84
44) Trichloroethene	7.129	130	178916	64.514	ug/l	99
64) Tetrachloroethene	9.275	164	4413	1.655	ug/l	98

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

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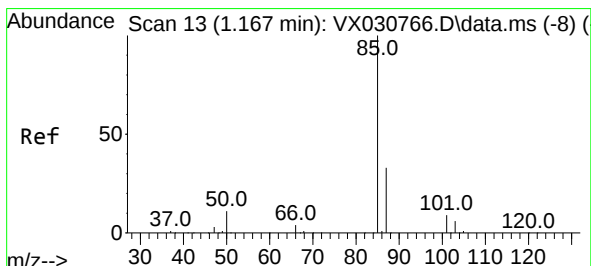
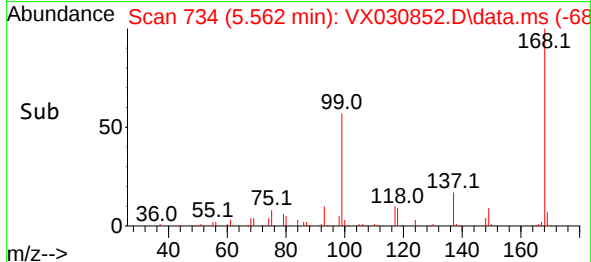
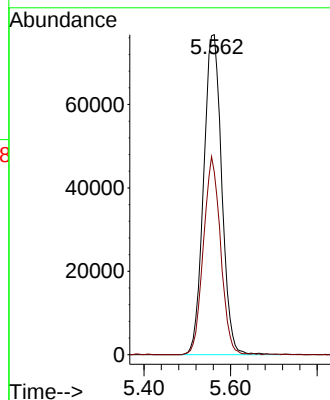
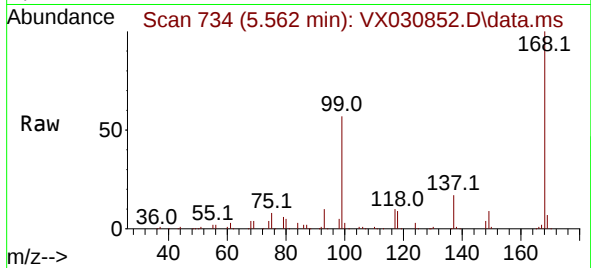




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

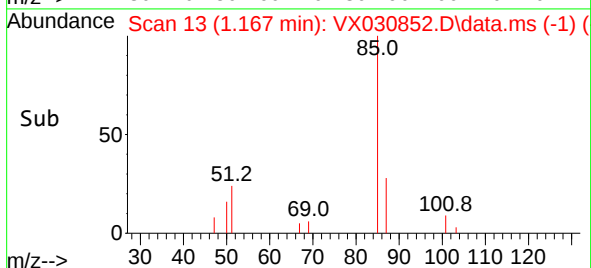
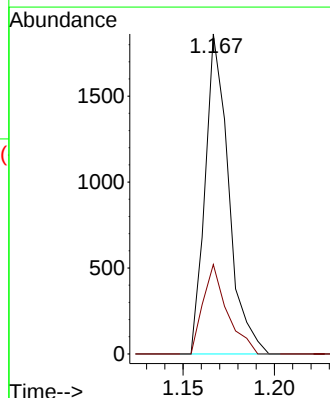
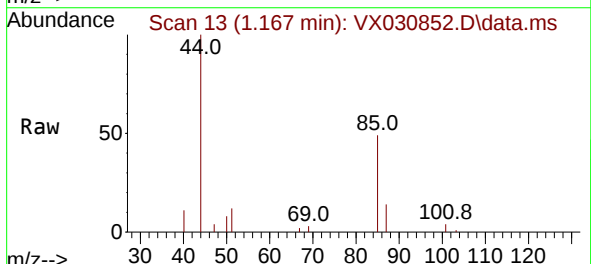
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20220818

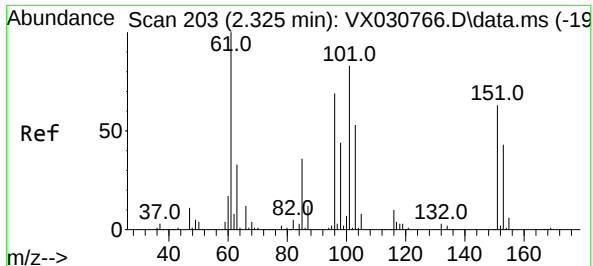
Tgt Ion:168 Resp: 222616
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.806 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

Tgt Ion: 85 Resp: 1662
Ion Ratio Lower Upper
85 100
87 27.9 16.5 49.5

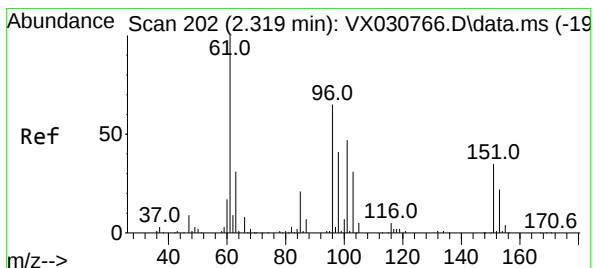
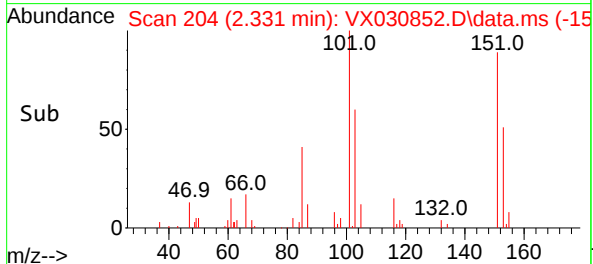
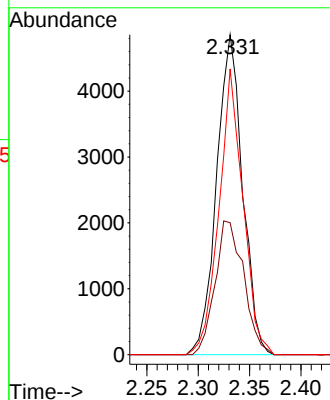
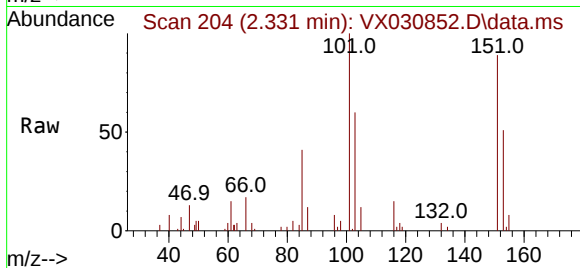




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.935 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

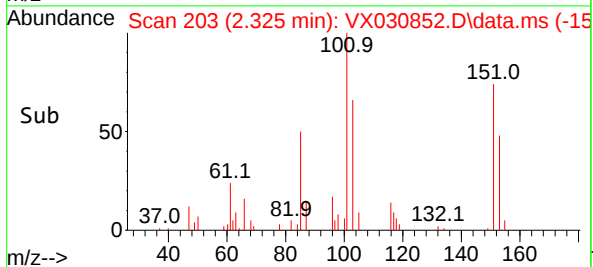
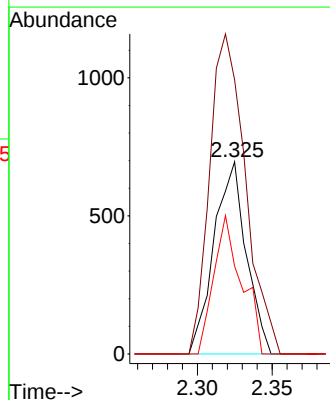
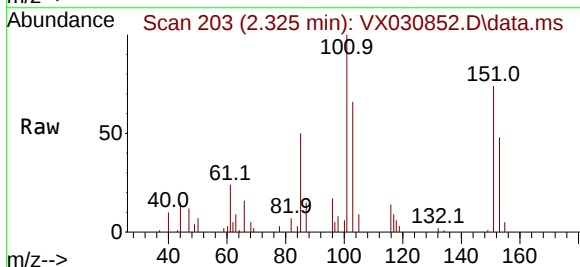
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20220818

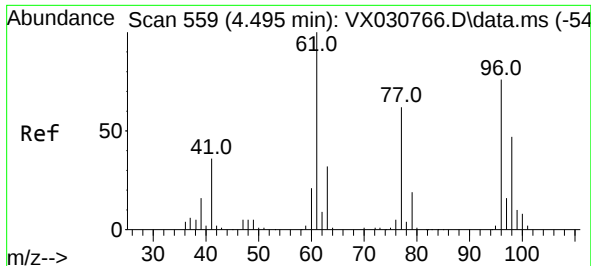
Tgt Ion:101 Resp: 8531
Ion Ratio Lower Upper
101 100
85 46.1 34.0 51.0
151 82.5 59.4 89.0



#12
1,1-Dichloroethene
Concen: 0.517 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

Tgt Ion: 96 Resp: 1044
Ion Ratio Lower Upper
96 100
61 142.7 117.4 176.0
98 45.7 52.2 78.4#

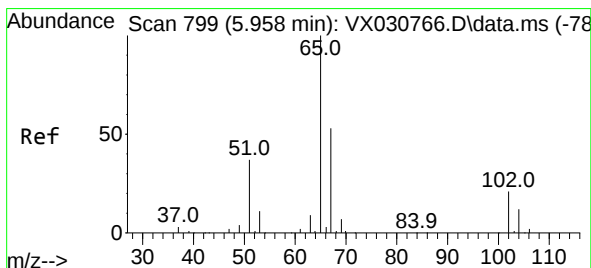
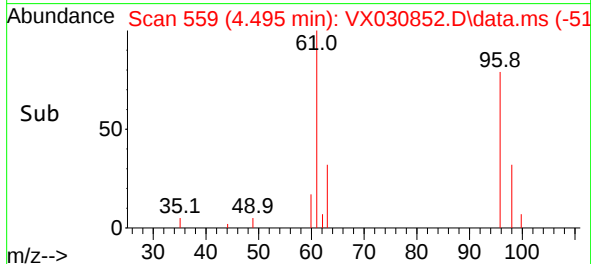
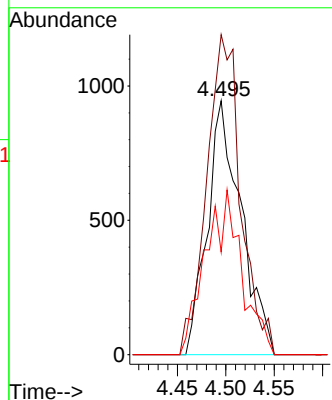
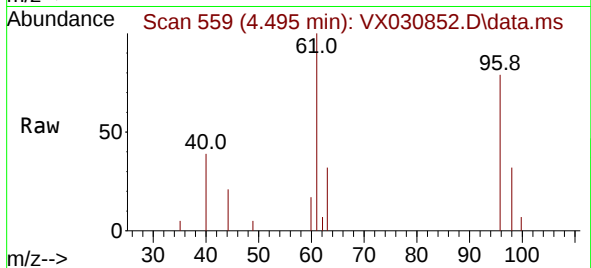




#27
 cis-1,2-Dichloroethene
 Concen: 0.855 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030852.D
 Acq: 27 Aug 2022 07:03

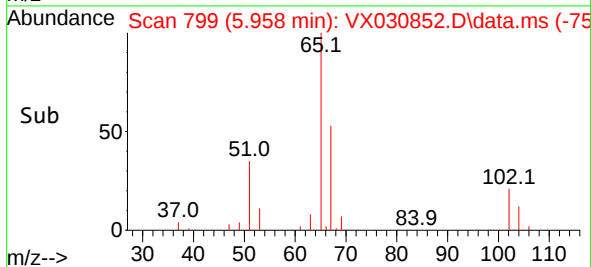
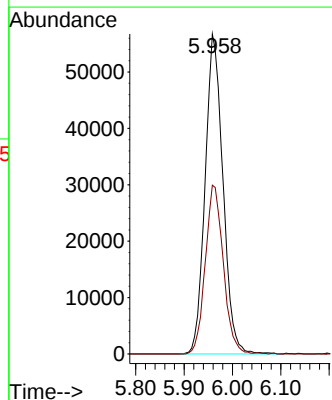
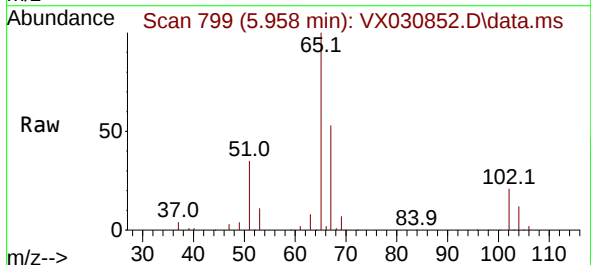
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20220818

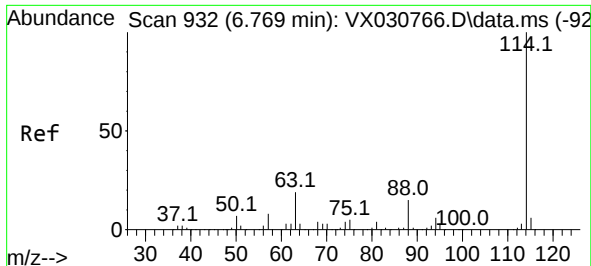
Tgt Ion:	96	Resp:	2289
Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	270.0
98	34.9	0.0	127.8



#33
 1,2-Dichloroethane-d4
 Concen: 55.469 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030852.D
 Acq: 27 Aug 2022 07:03

Tgt Ion:	65	Resp:	145249
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	109.6

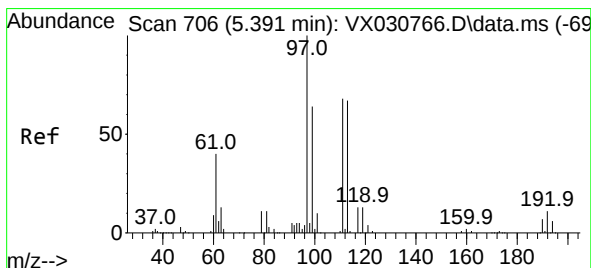
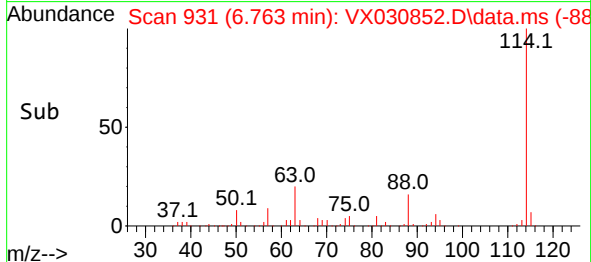
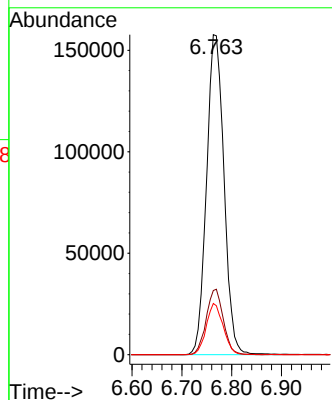
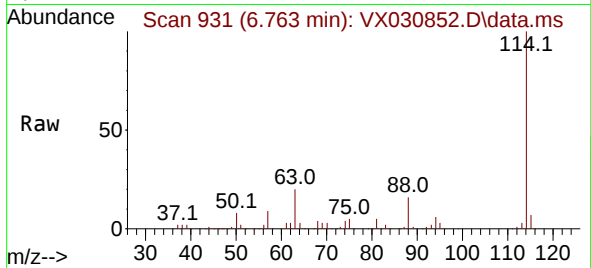




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

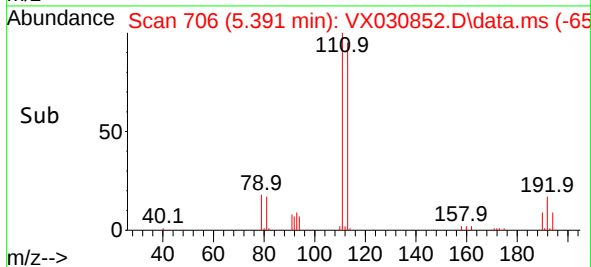
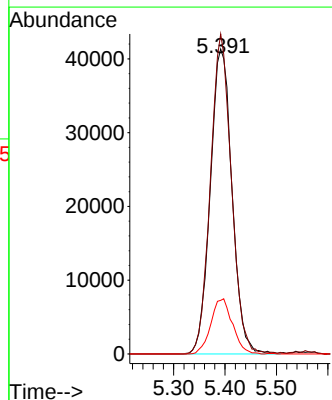
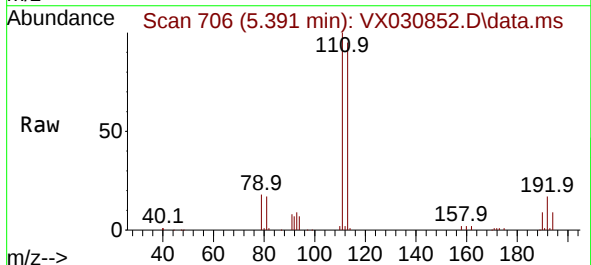
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20220818

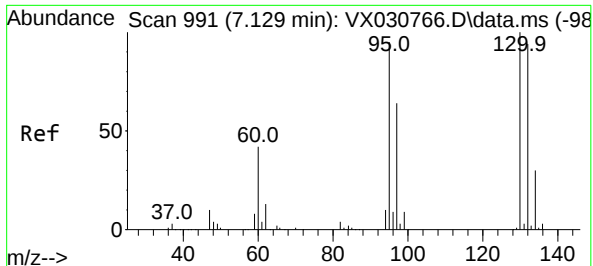
Tgt Ion:114 Resp: 383378
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.465 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

Tgt Ion:113 Resp: 121261
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 18.1 14.8 22.2

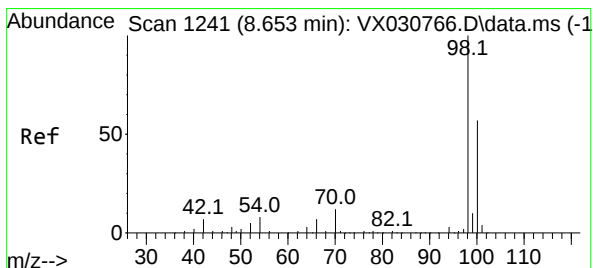
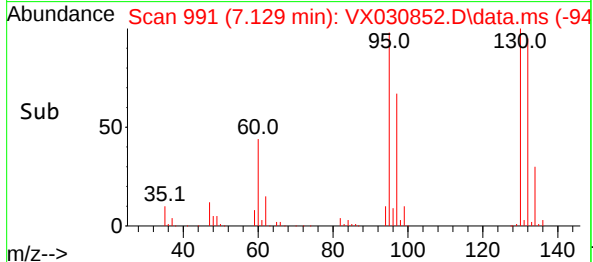
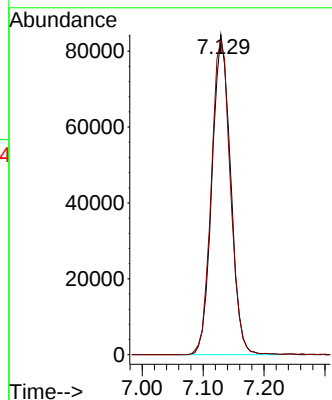
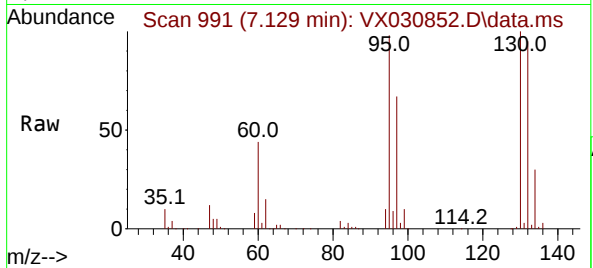




#44
Trichloroethene
Concen: 64.514 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

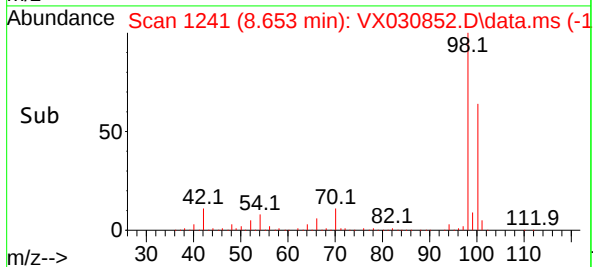
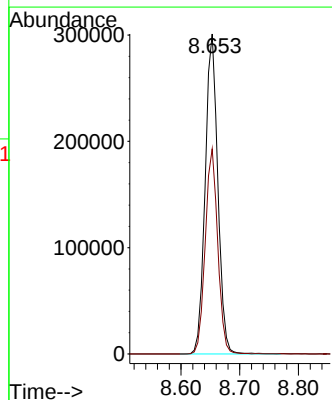
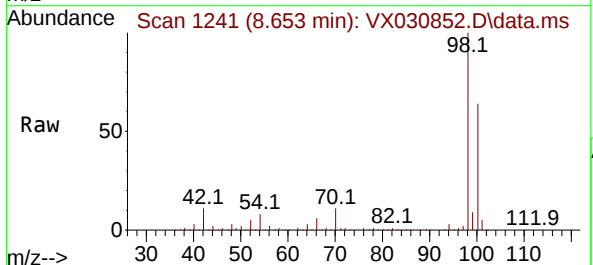
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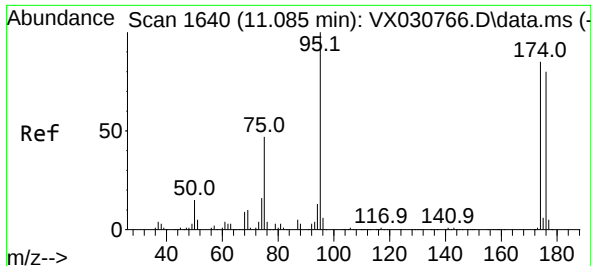
Tgt Ion:130 Resp: 178916
Ion Ratio Lower Upper
130 100
95 98.2 0.0 194.8



#50
Toluene-d8
Concen: 54.694 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

Tgt Ion: 98 Resp: 449067
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5

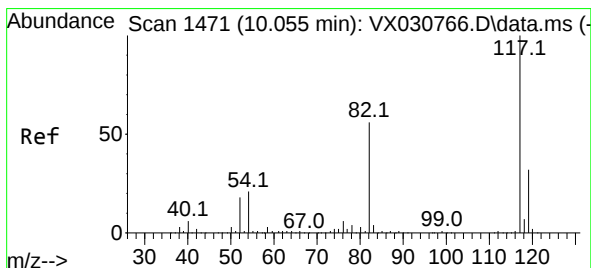
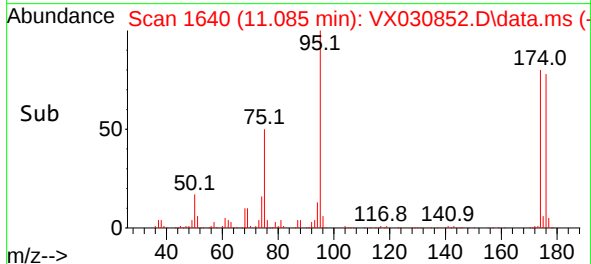
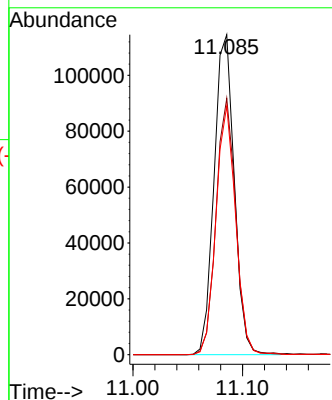
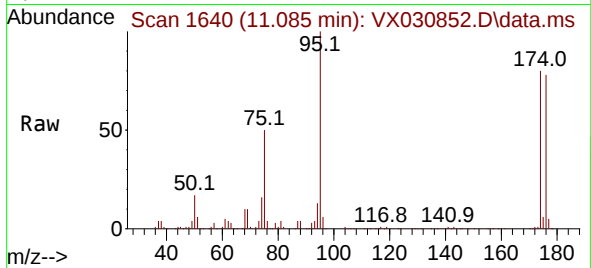




#62
4-Bromofluorobenzene
Concen: 47.934 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

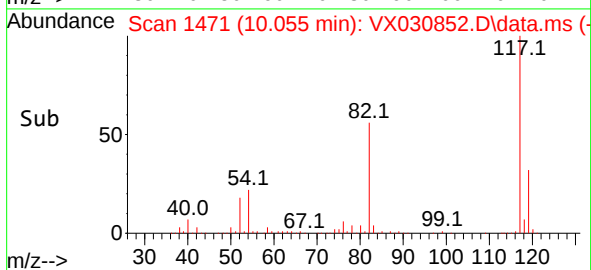
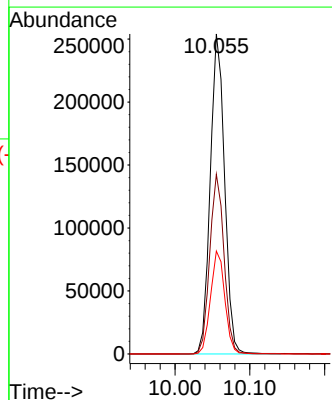
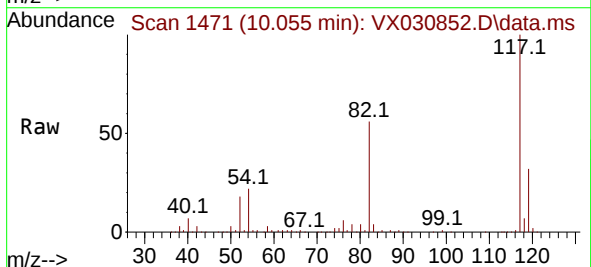
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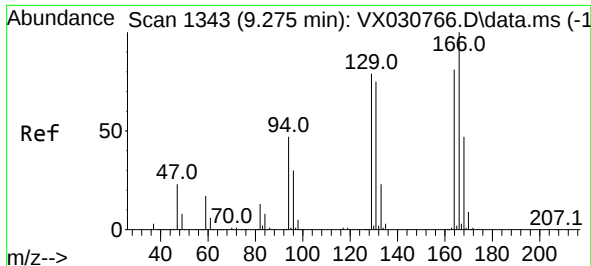
Tgt Ion: 95 Resp: 146523
Ion Ratio Lower Upper
95 100
174 78.3 0.0 149.0
176 75.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

Tgt Ion: 117 Resp: 338527
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.2 25.4 38.2

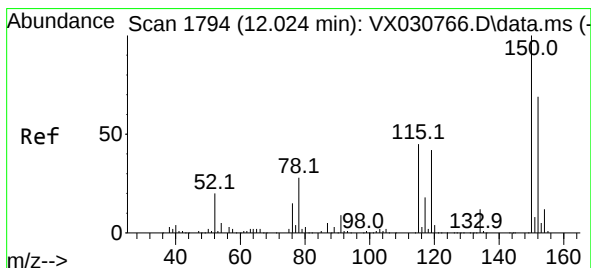
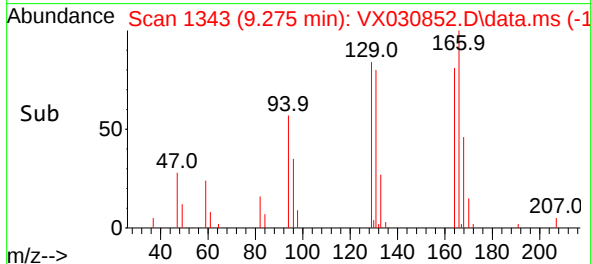
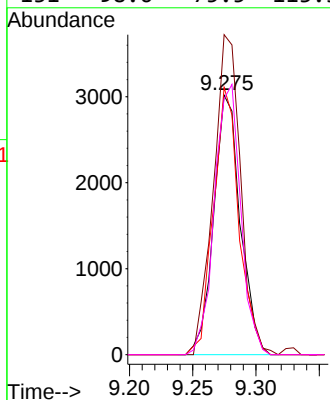
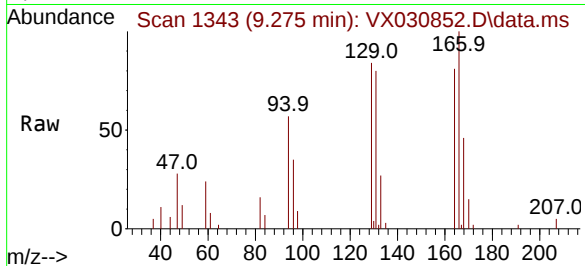




#64
Tetrachloroethene
Concen: 1.655 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030852.D
Acq: 27 Aug 2022 07:03

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Tgt Ion:164	Resp:	4413	
Ion	Ratio	Lower	Upper
164	100		
166	123.3	98.2	147.4
129	102.9	80.8	121.2
131	98.6	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: VX030852.D
Acq: 27 Aug 2022 07:03

Tgt	Ion:152	Resp:	142171
Ion	Ratio	Lower	Upper
152	100		
115	60.9	40.5	121.5
150	158.9	0.0	347.0

