

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031086.D
 Acq On : 03 Sep 2022 16:40
 Operator : JC/MD
 Sample : N4357-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20220823

Quant Time: Sep 06 00:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

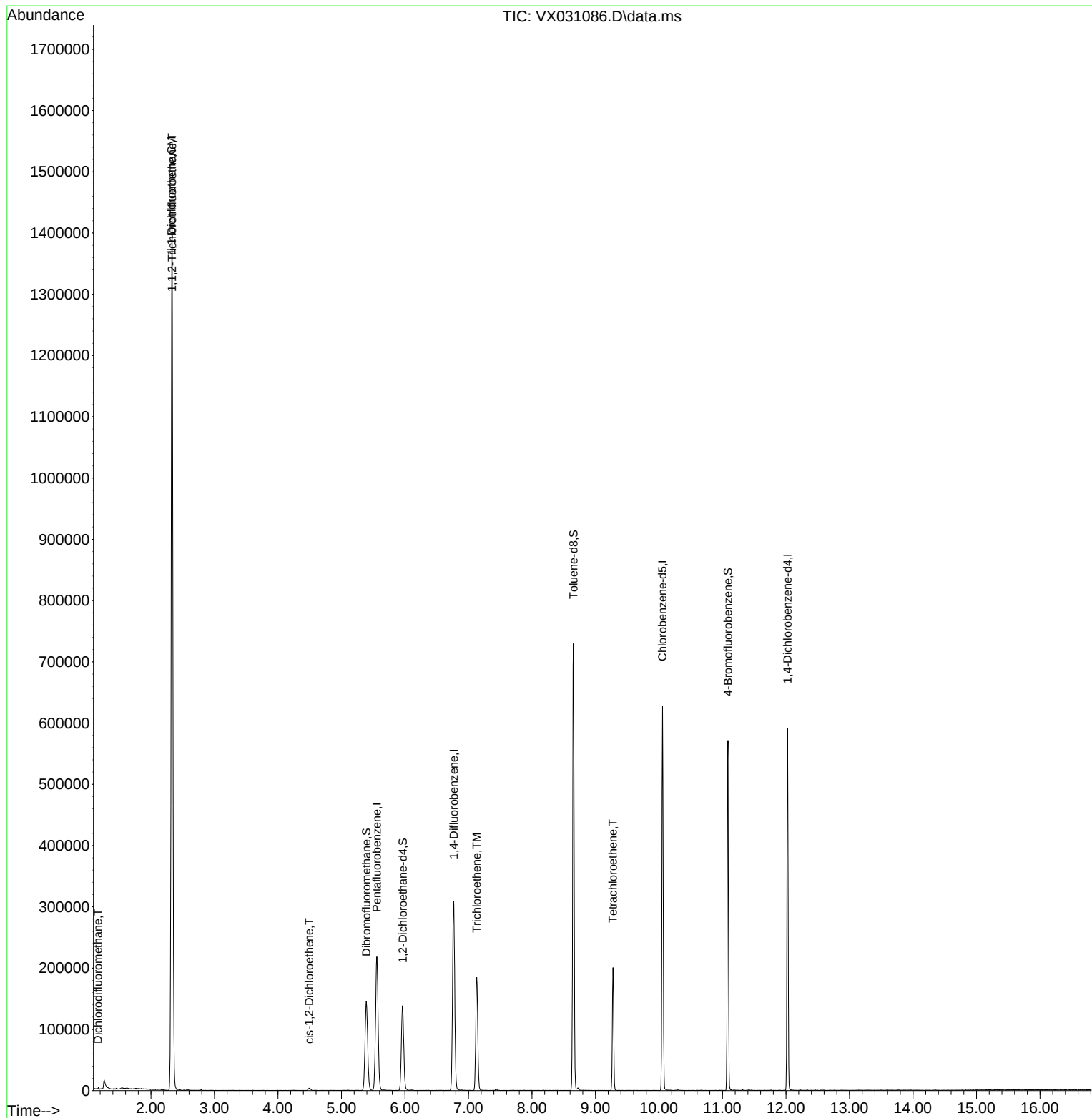
Internal Standards						
1) Pentafluorobenzene	5.556	168	219605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	349707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134895	47.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.480%
35) Dibromofluoromethane	5.391	113	132291	51.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.680%
50) Toluene-d8	8.653	98	466492	49.667	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.085	95	153629	46.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	467	0.207	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	571551	216.343	ug/l	91
12) 1,1-Dichloroethene	2.325	96	3992	1.565	ug/l #	70
27) cis-1,2-Dichloroethene	4.489	96	2563	0.806	ug/l	83
44) Trichloroethene	7.129	130	79966	24.617	ug/l	95
64) Tetrachloroethene	9.275	164	41133	13.300	ug/l	96

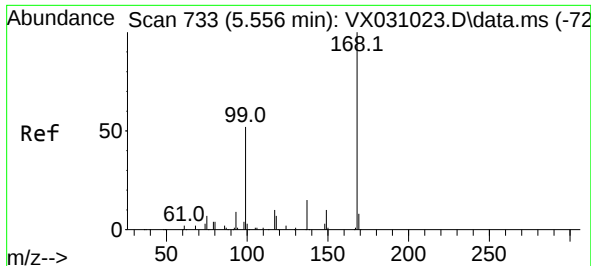
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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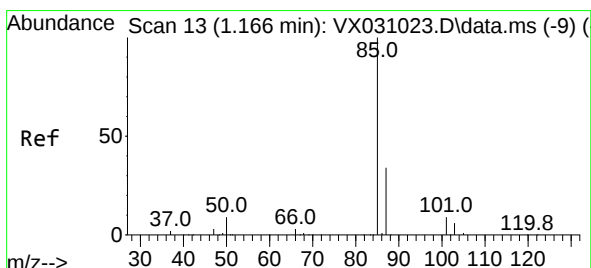
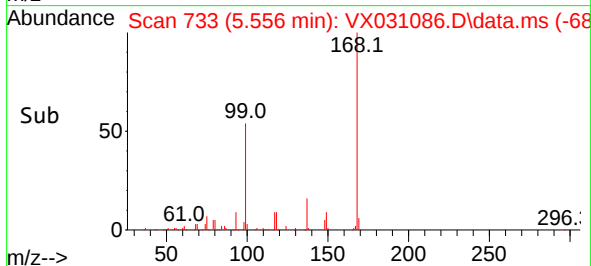
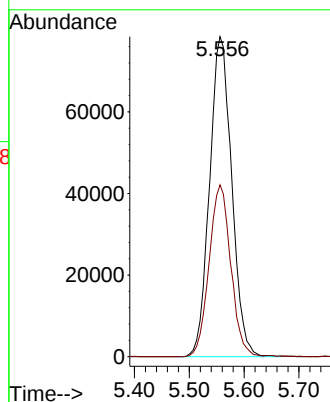
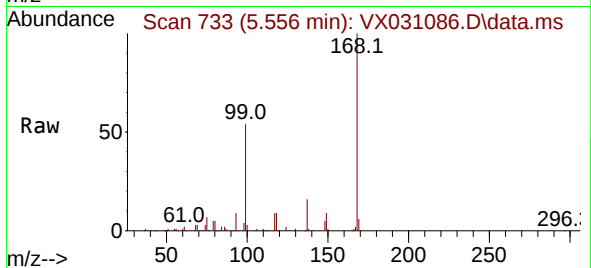




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

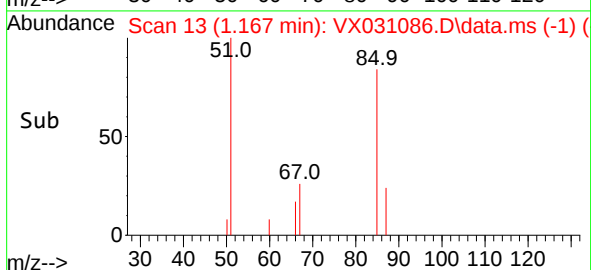
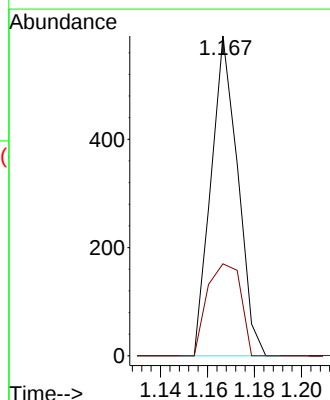
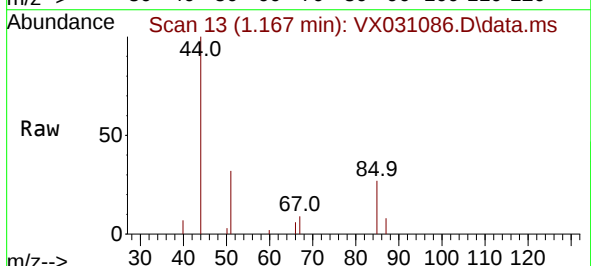
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20220823

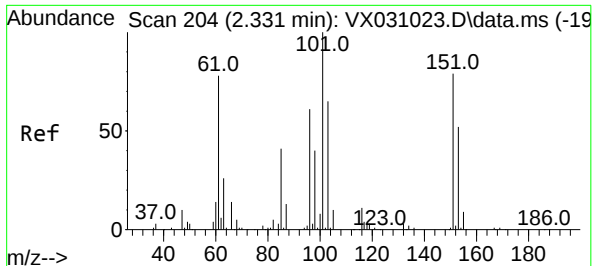
Tgt Ion:168 Resp: 219605
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.207 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

Tgt Ion: 85 Resp: 467
Ion Ratio Lower Upper
85 100
87 28.8 16.5 49.5

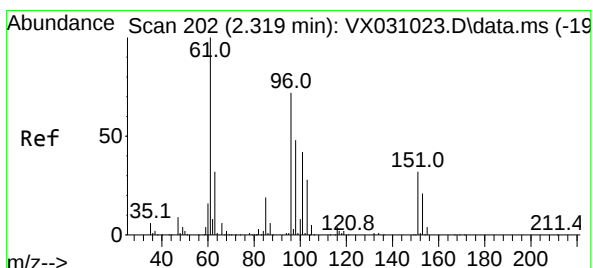
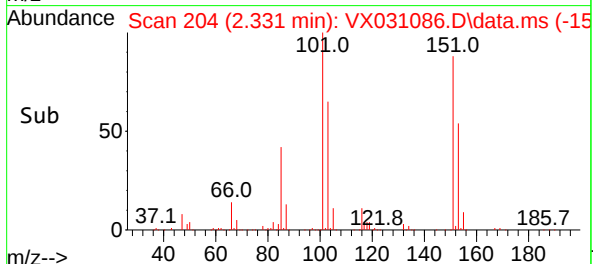
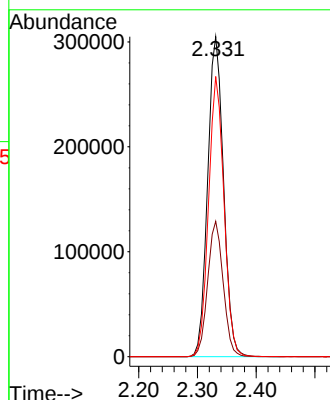
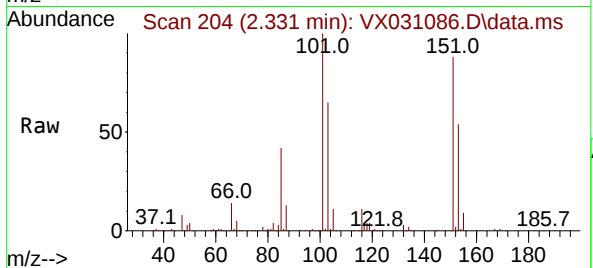




#9
1,1,2-Trichlorotrifluoroethane
Concen: 216.343 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

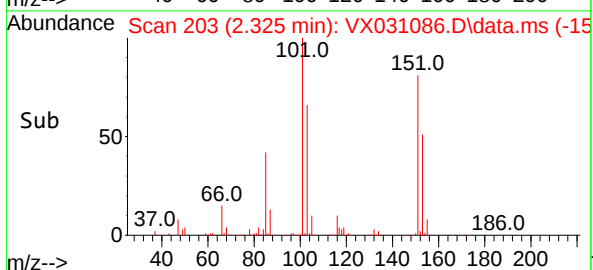
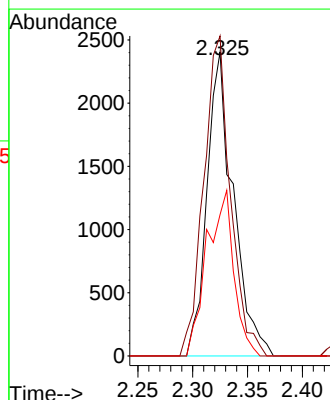
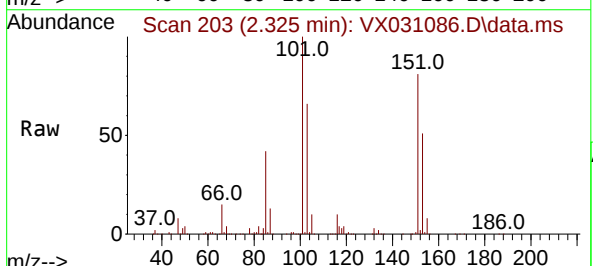
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20220823

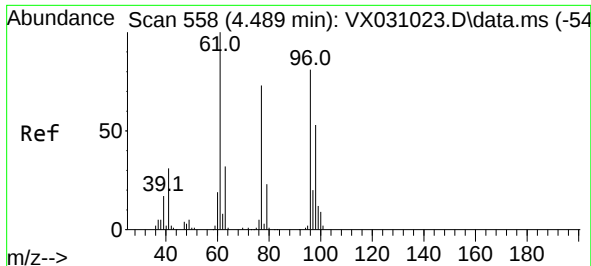
Tgt Ion:101 Resp: 571551
Ion Ratio Lower Upper
101 100
85 41.5 34.0 51.0
151 85.5 59.4 89.0



#12
1,1-Dichloroethene
Concen: 1.565 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

Tgt Ion: 96 Resp: 3992
Ion Ratio Lower Upper
96 100
61 105.3 117.4 176.0#
98 46.5 52.2 78.4#





#27

cis-1,2-Dichloroethene

Concen: 0.806 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031086.D

Acq: 03 Sep 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20220823

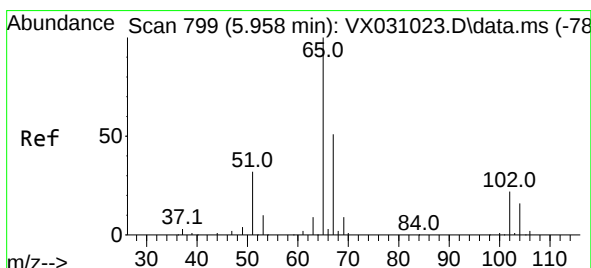
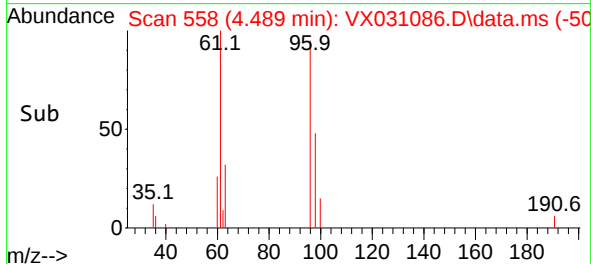
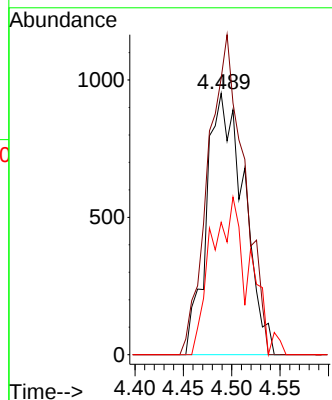
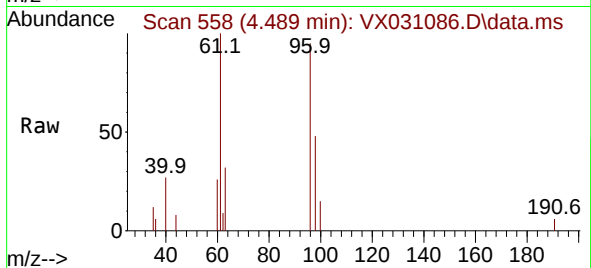
Tgt Ion: 96 Resp: 2563

Ion Ratio Lower Upper

96 100

61 117.7 0.0 270.0

98 46.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 47.740 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031086.D

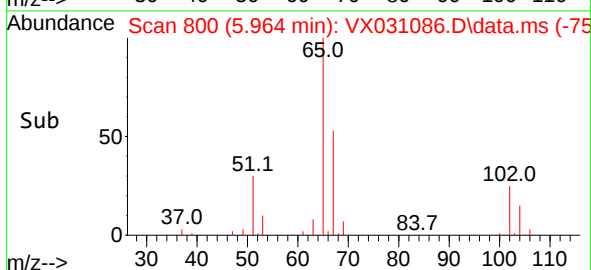
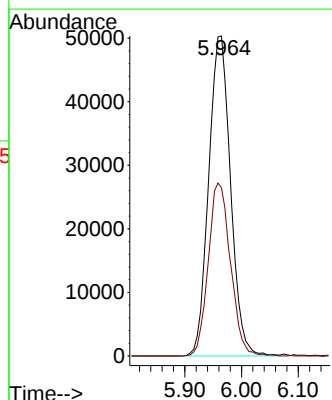
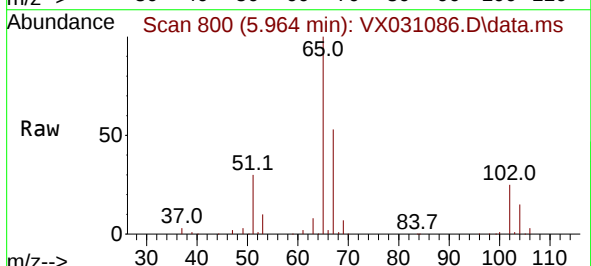
Acq: 03 Sep 2022 16:40

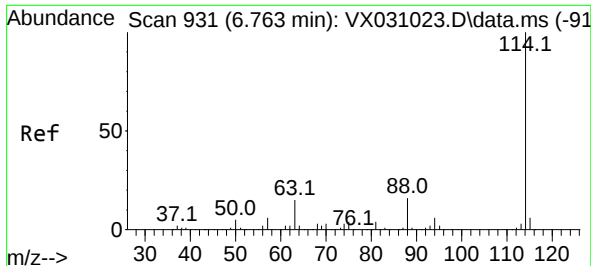
Tgt Ion: 65 Resp: 134895

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6

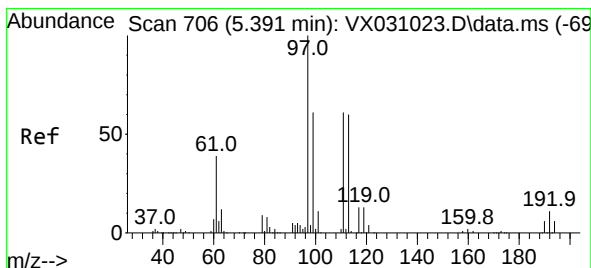
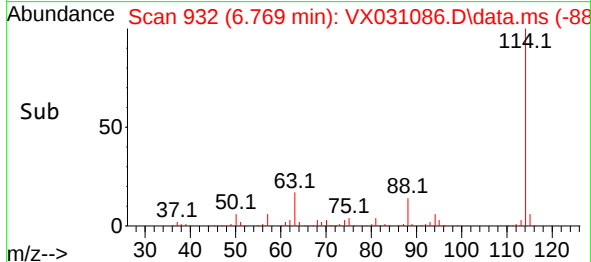
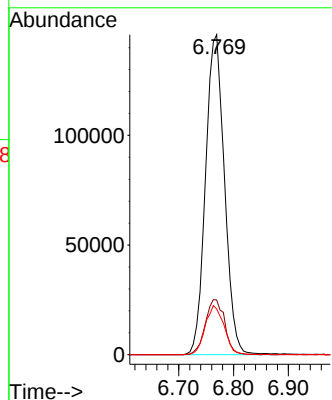
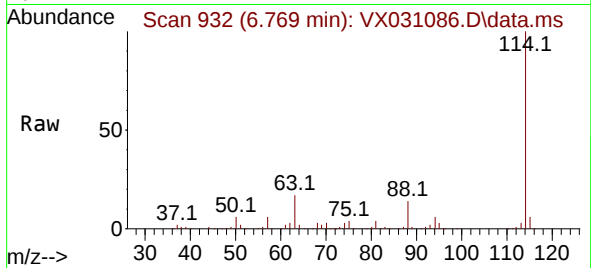




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

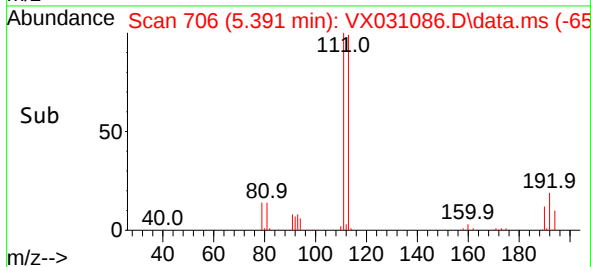
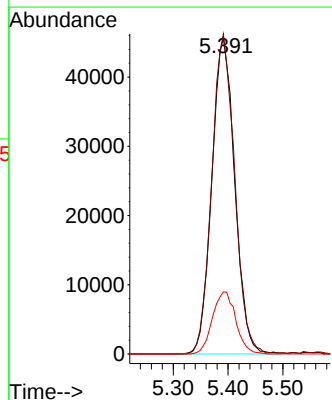
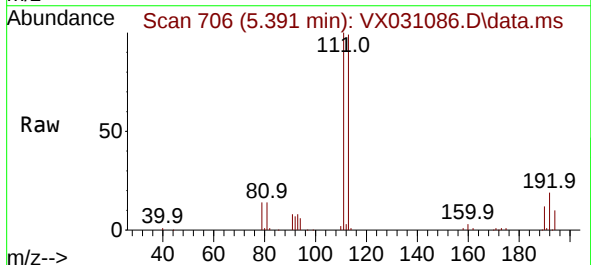
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MSVOA_X
ClientSampleId :
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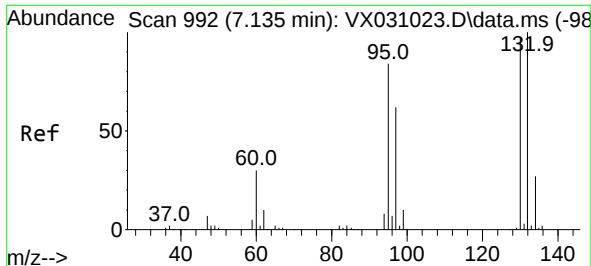
Tgt Ion:114 Resp: 349707
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.4
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.837 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

Tgt Ion:113 Resp: 132291
Ion Ratio Lower Upper
113 100
111 101.1 83.2 124.8
192 20.0 14.8 22.2

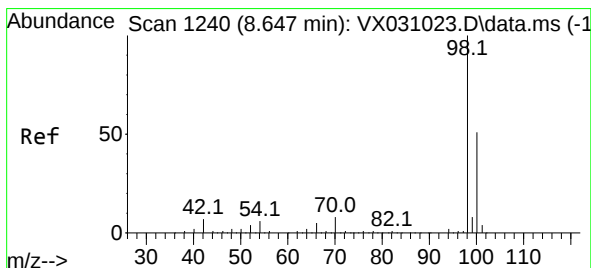
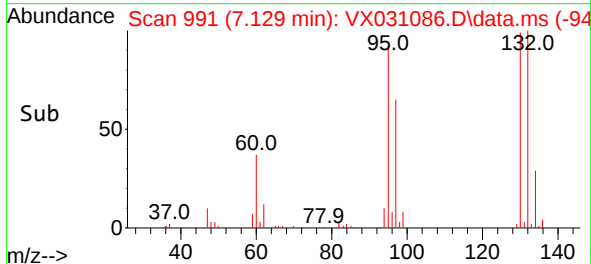
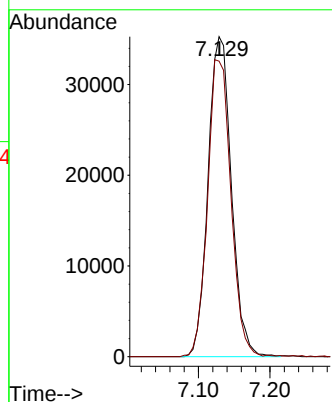
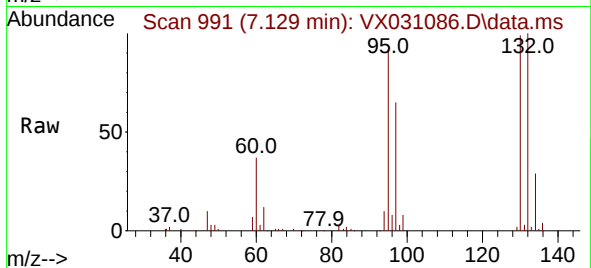




#44
Trichloroethene
Concen: 24.617 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

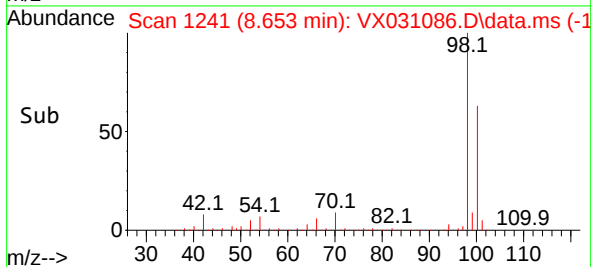
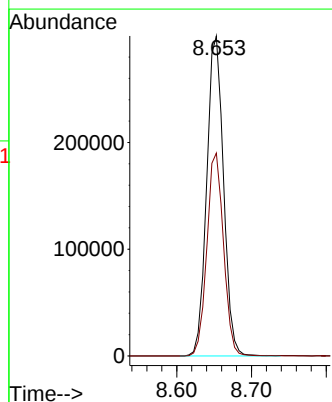
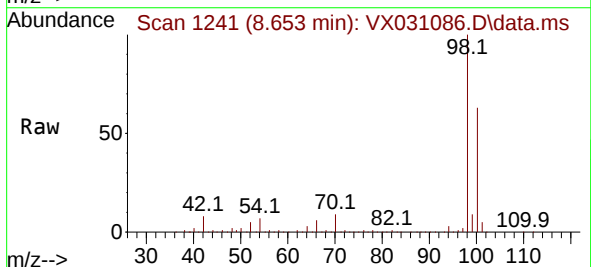
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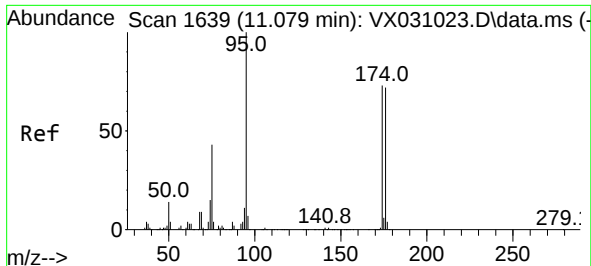
Tgt Ion:130 Resp: 79966
Ion Ratio Lower Upper
130 100
95 92.3 0.0 194.8



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

Tgt Ion: 98 Resp: 466492
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5

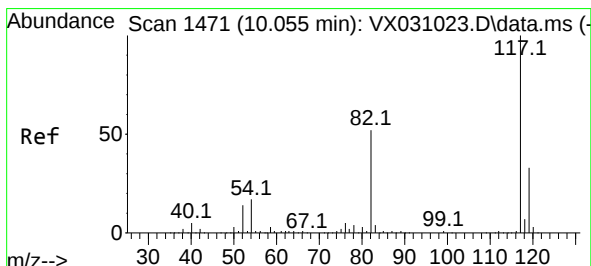
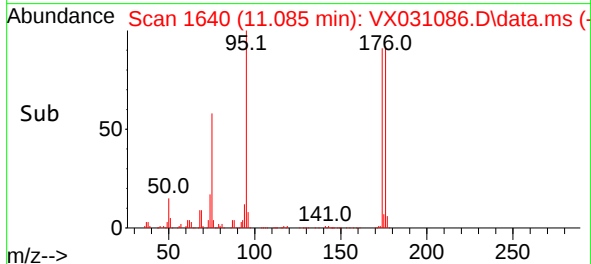
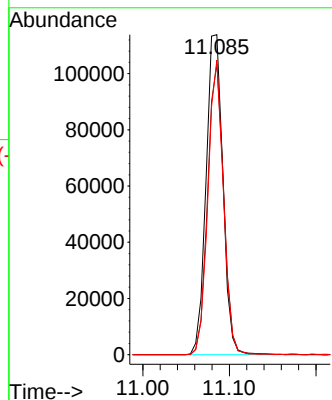
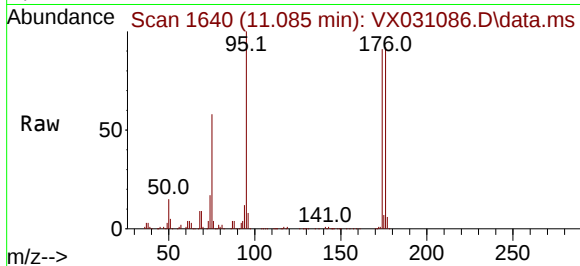




#62
4-Bromofluorobenzene
Concen: 46.310 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

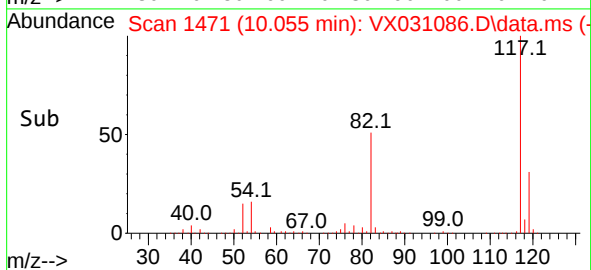
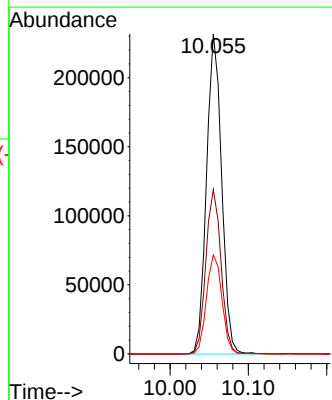
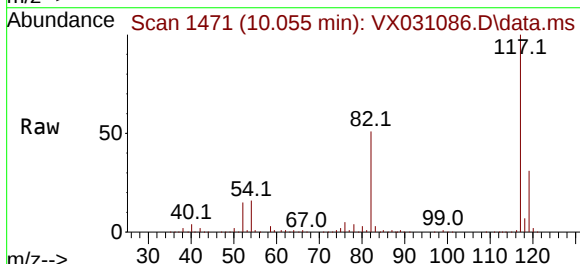
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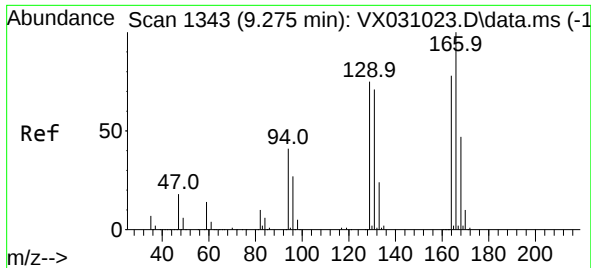
Tgt Ion: 95 Resp: 153629
Ion Ratio Lower Upper
95 100
174 86.7 0.0 149.0
176 84.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

Tgt Ion: 117 Resp: 309748
Ion Ratio Lower Upper
117 100
82 51.4 42.7 64.1
119 31.0 25.4 38.2

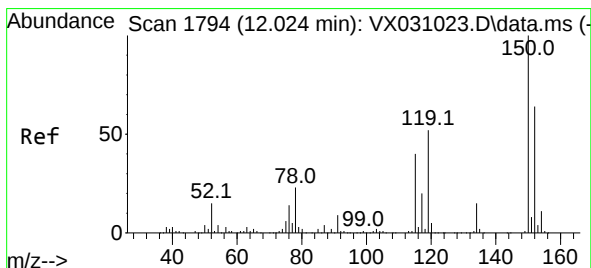
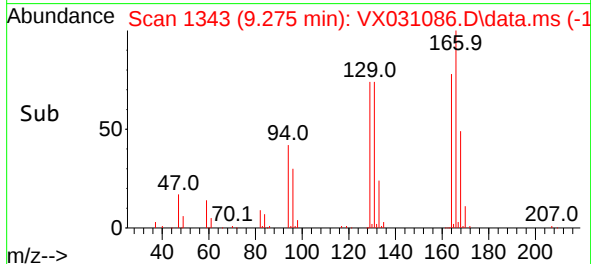
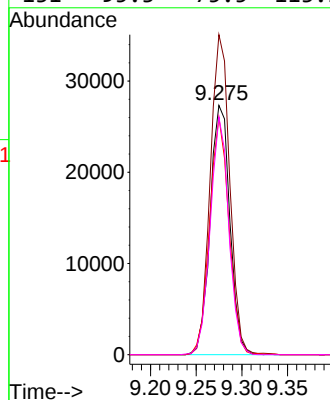
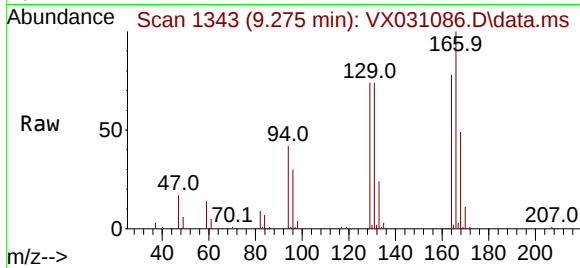




#64
Tetrachloroethene
Concen: 13.300 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031086.D
Acq: 03 Sep 2022 16:40

Instrument :
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Tgt Ion:164	Resp:	41133
Ion	Ratio	Lower Upper
164	100	
166	128.3	98.2 147.4
129	95.2	80.8 121.2
131	95.3	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: VX031086.D
Acq: 03 Sep 2022 16:40

Tgt Ion:152	Resp:	135124
Ion	Ratio	Lower Upper
152	100	
115	56.9	40.5 121.5
150	165.4	0.0 347.0

