

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027594.D
 Acq On : 21 Mar 2022 18:23
 Operator : JC/MD
 Sample : N2000-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D2-20220315

Quant Time: Mar 22 05:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

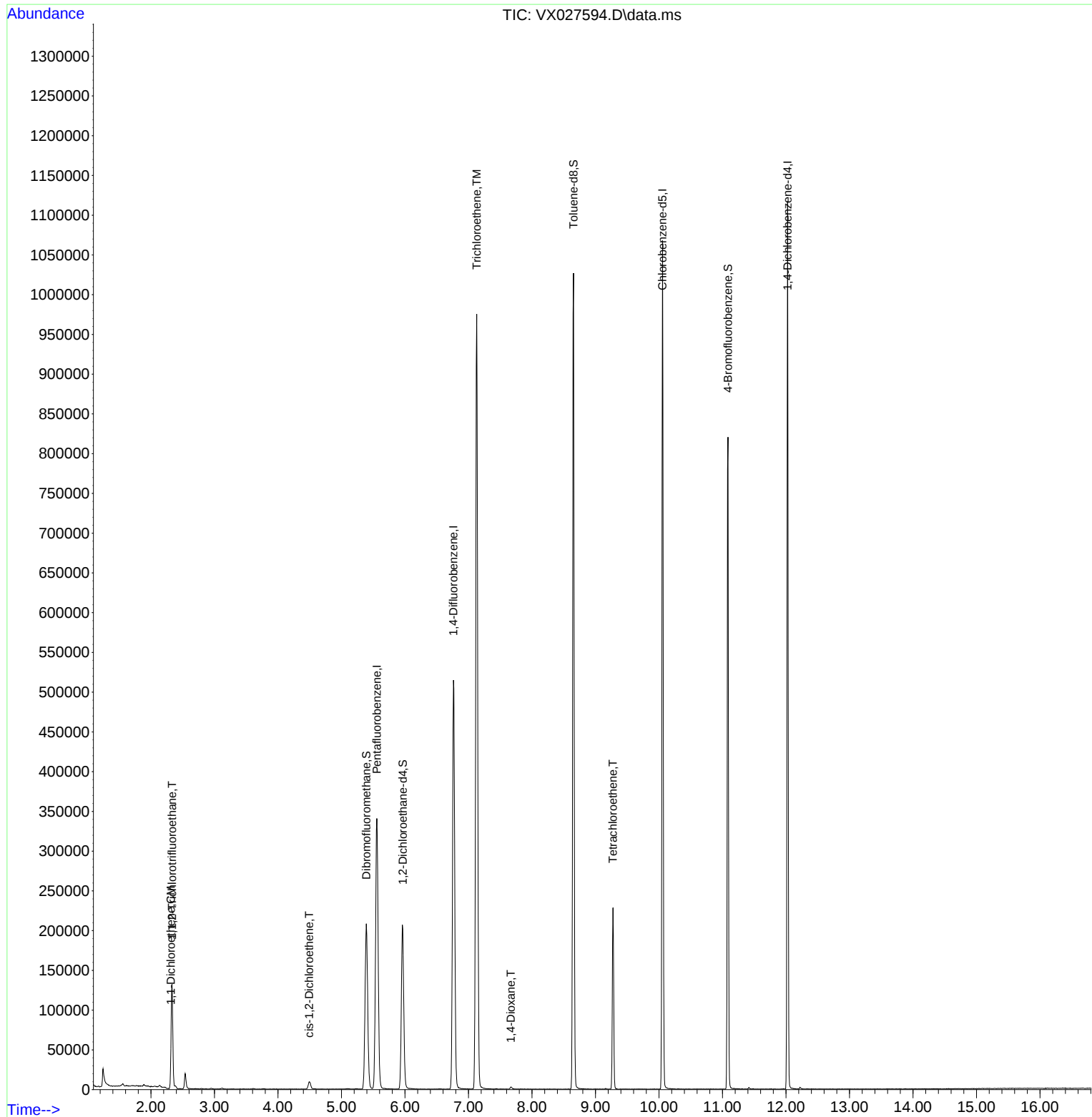
Internal Standards						
1) Pentafluorobenzene	5.556	168	340181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	561925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	512789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	198152	47.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.56%
35) Dibromofluoromethane	5.391	113	183884	50.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.72%
50) Toluene-d8	8.653	98	650427	47.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.08%
62) 4-Bromofluorobenzene	11.085	95	229404	45.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.24%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	50921	15.47	ug/l	94
12) 1,1-Dichloroethene	2.313	96	1369	0.43	ug/l #	72
27) cis-1,2-Dichloroethene	4.489	96	6392	1.64	ug/l	87
44) Trichloroethene	7.129	130	409478	95.17	ug/l	100
49) 1,4-Dioxane	7.665	88	2293	22.77	ug/l	99
64) Tetrachloroethene	9.275	164	46930	11.77	ug/l	99

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

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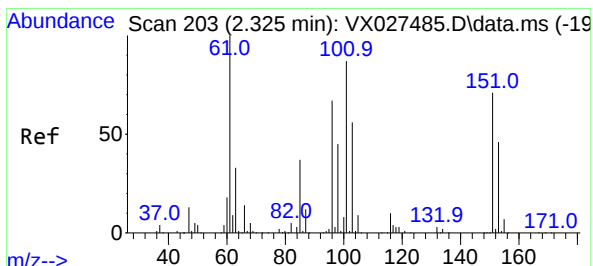
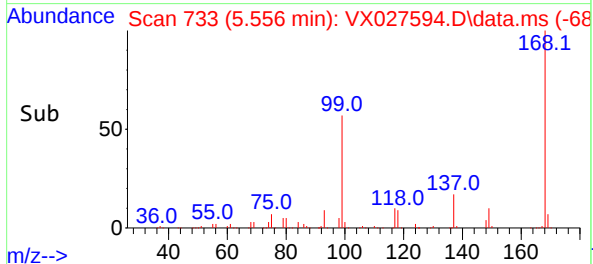
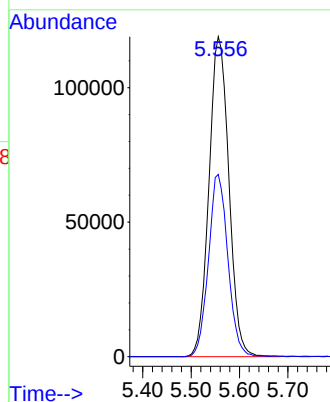
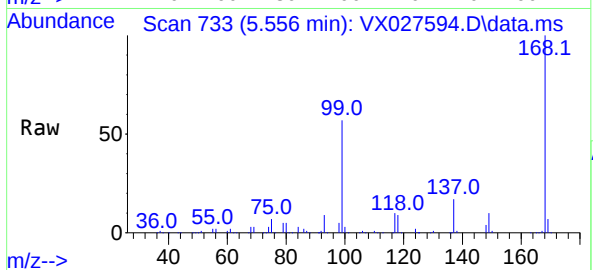




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

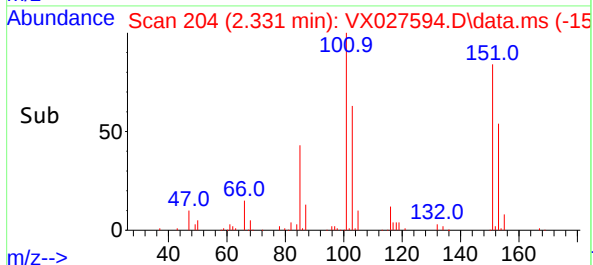
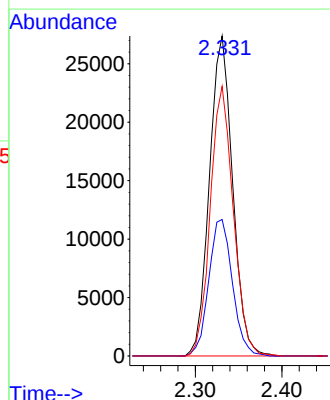
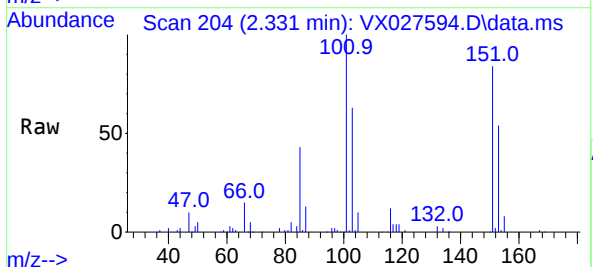
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

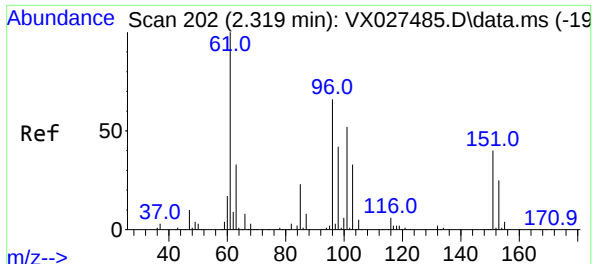
Tgt Ion:168 Resp: 340181
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.47 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

Tgt Ion:101 Resp: 50921
Ion Ratio Lower Upper
101 100
85 43.5 33.5 50.3
151 83.6 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.43 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX027594.D

Acq: 21 Mar 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

RE-134D2-20220315

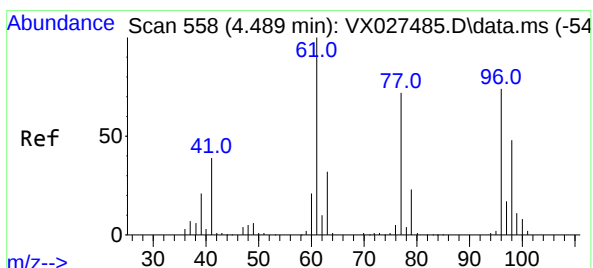
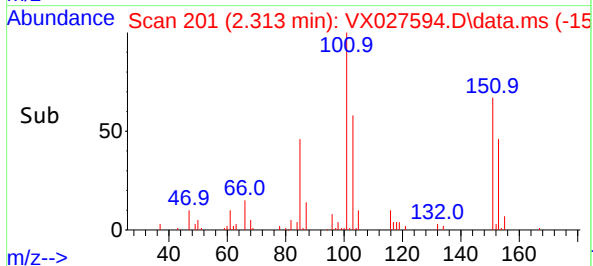
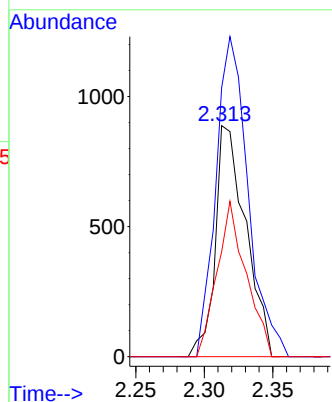
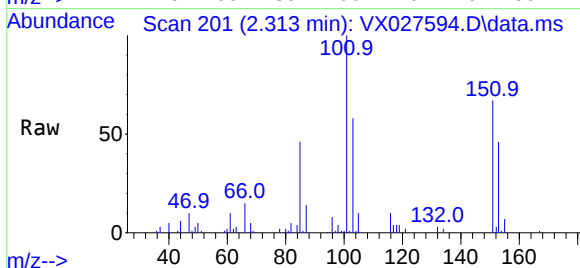
Tgt Ion: 96 Resp: 1369

Ion Ratio Lower Upper

96 100

61 116.4 124.6 187.0#

98 45.4 51.0 76.4#



#27

cis-1,2-Dichloroethene

Concen: 1.64 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX027594.D

Acq: 21 Mar 2022 18:23

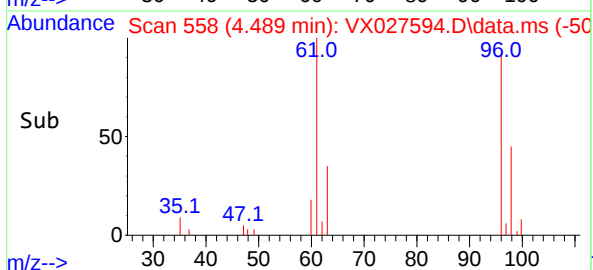
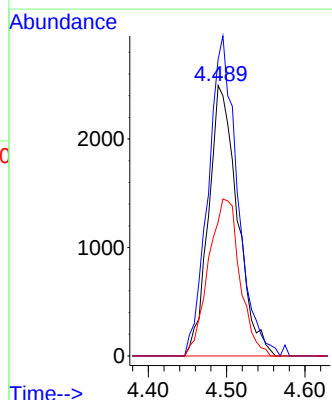
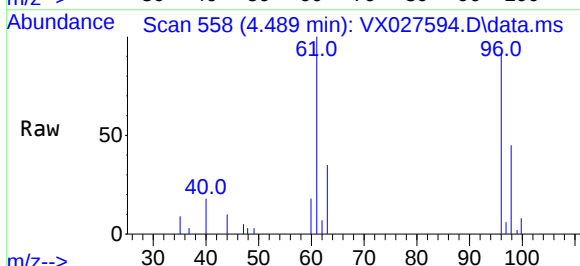
Tgt Ion: 96 Resp: 6392

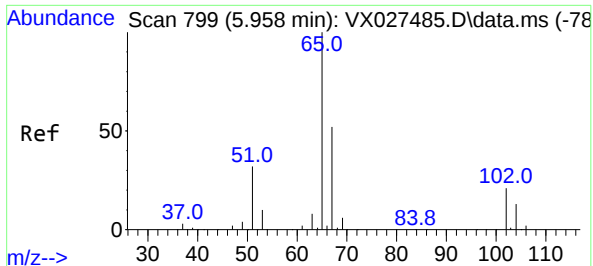
Ion Ratio Lower Upper

96 100

61 120.1 0.0 283.8

98 62.9 0.0 129.8

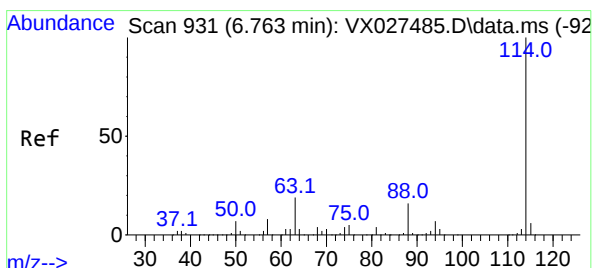
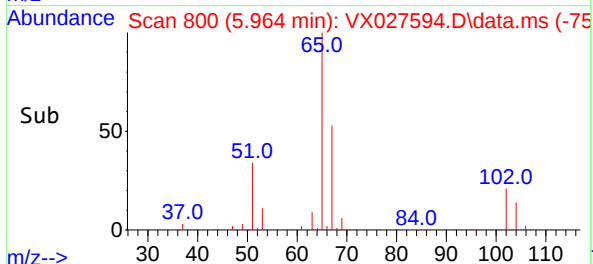
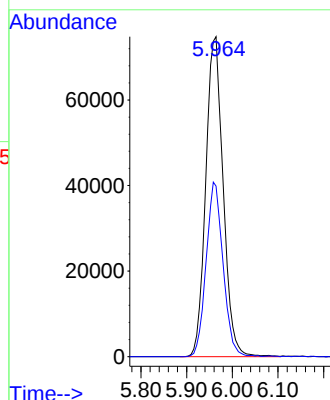
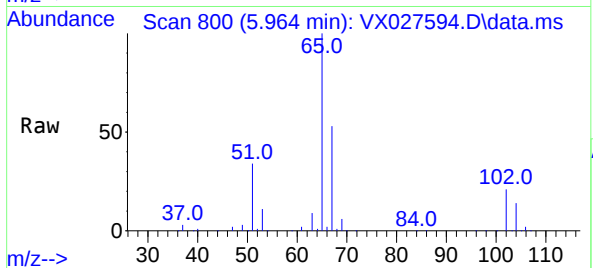




#33
1,2-Dichloroethane-d4
Concen: 47.28 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

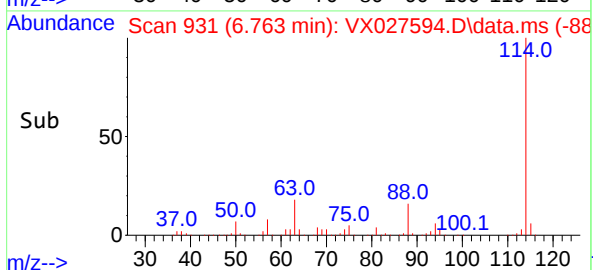
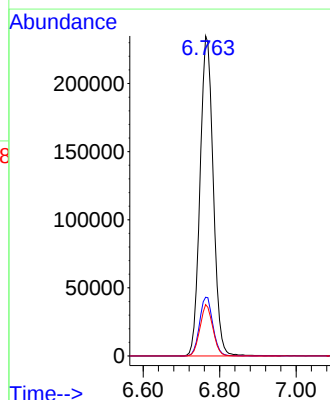
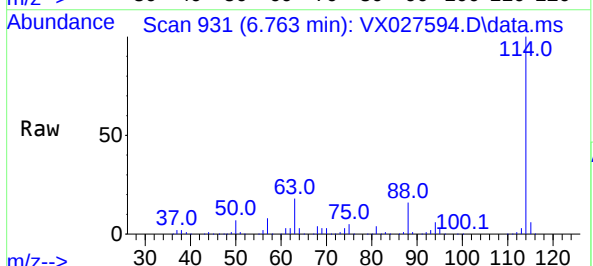
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

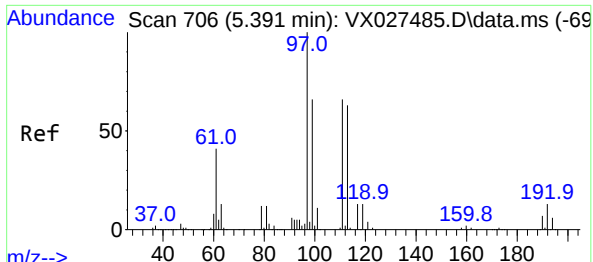
Tgt Ion: 65 Resp: 198152
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

Tgt Ion: 114 Resp: 561925
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 16.1 0.0 32.4

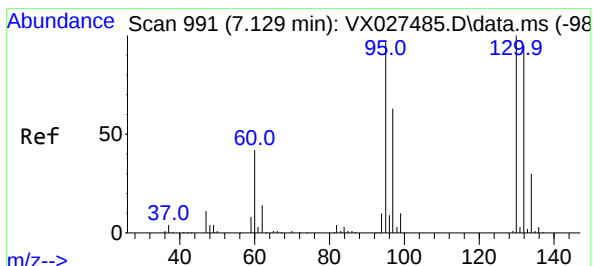
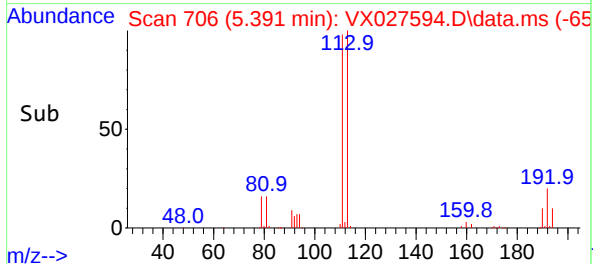
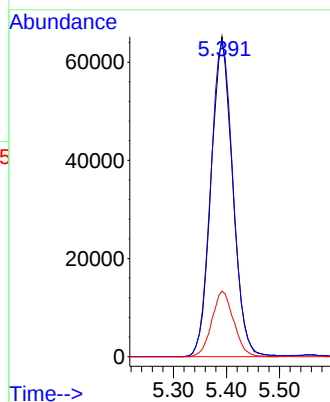
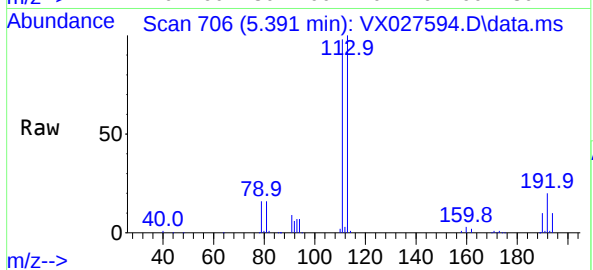




#35
Dibromofluoromethane
Concen: 50.86 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

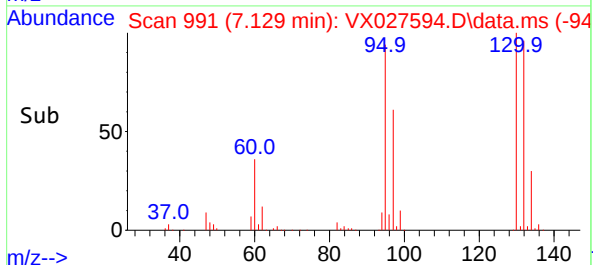
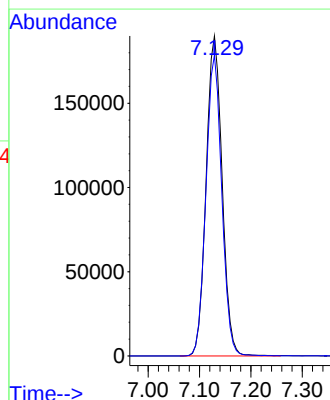
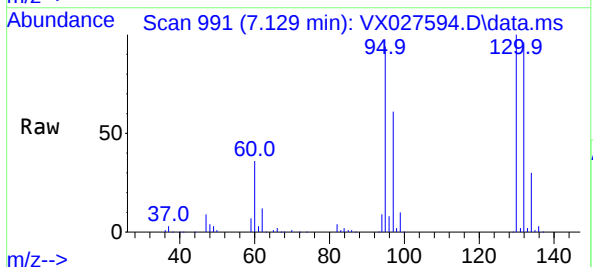
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

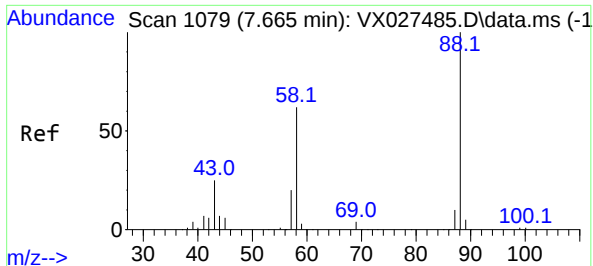
Tgt Ion:113 Resp: 183884
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.8 16.9 25.3



#44
Trichloroethene
Concen: 95.17 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

Tgt Ion:130 Resp: 409478
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.8





#49

1,4-Dioxane

Concen: 22.77 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX027594.D

Acq: 21 Mar 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

RE-134D2-20220315

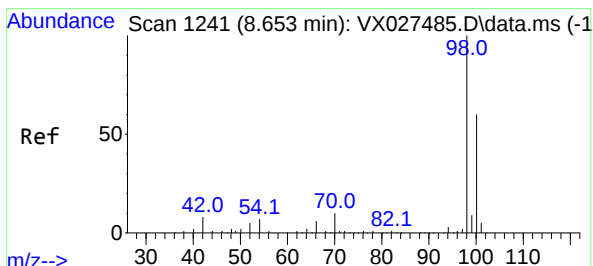
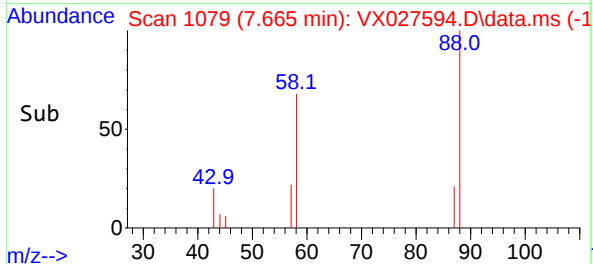
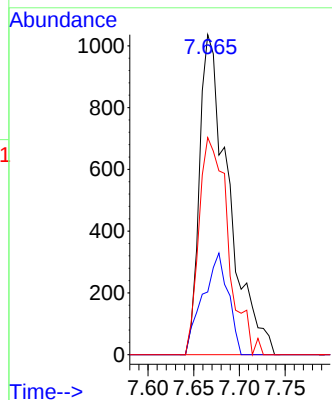
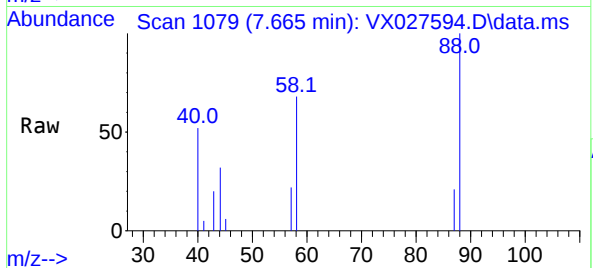
Tgt Ion: 88 Resp: 2293

Ion Ratio Lower Upper

88 100

43 27.6 21.9 32.9

58 68.0 53.7 80.5



#50

Toluene-d8

Concen: 47.54 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027594.D

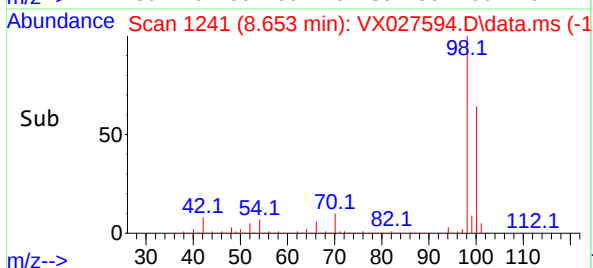
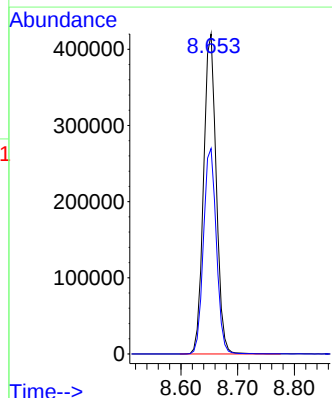
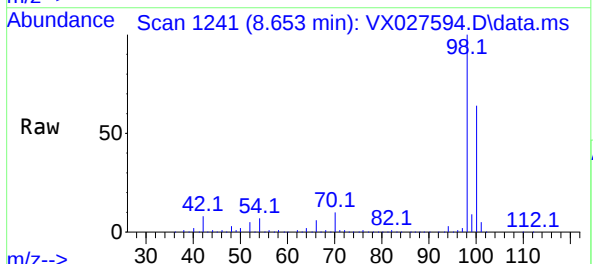
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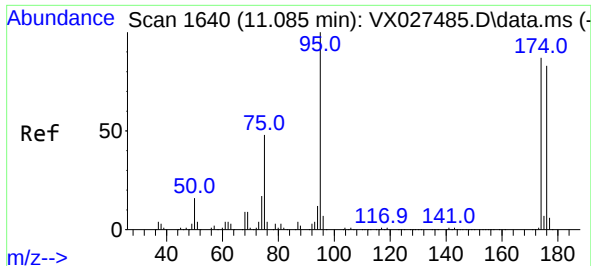
Tgt Ion: 98 Resp: 650427

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

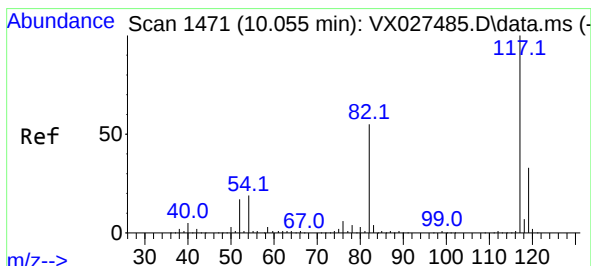
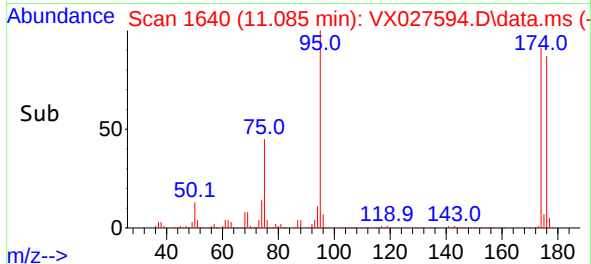
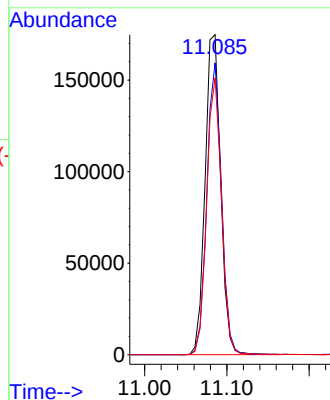
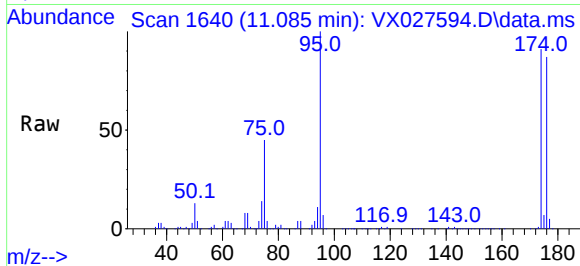




#62
4-Bromofluorobenzene
Concen: 45.62 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

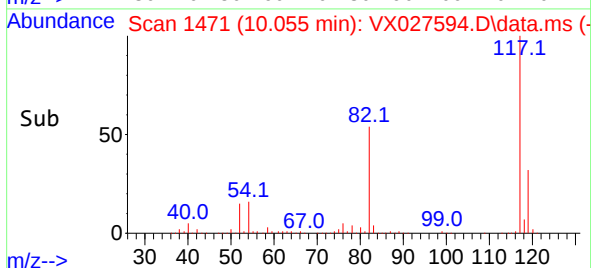
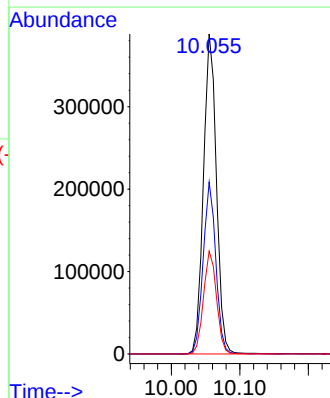
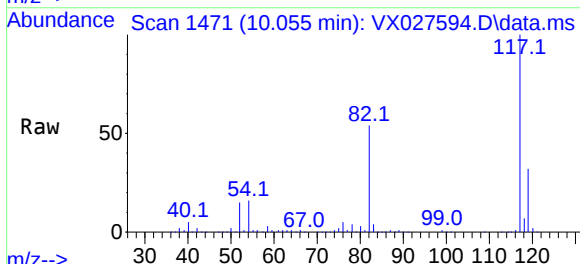
Instrument :
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RE-134D2-20220315

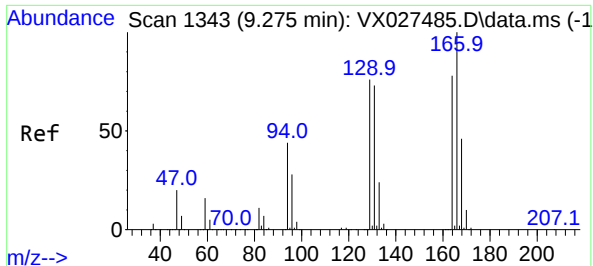
Tgt Ion: 95 Resp: 229404
Ion Ratio Lower Upper
95 100
174 86.5 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

Tgt Ion: 117 Resp: 512789
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 32.2 24.8 37.2



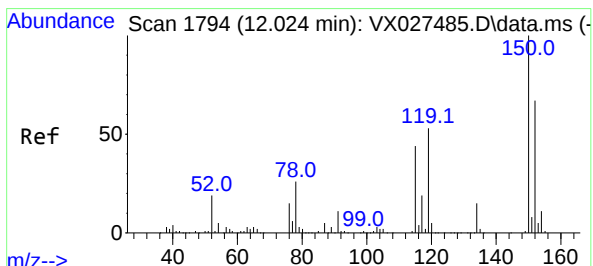
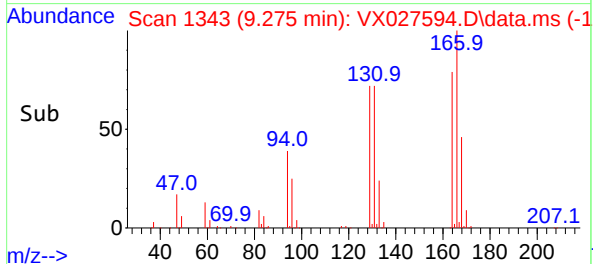
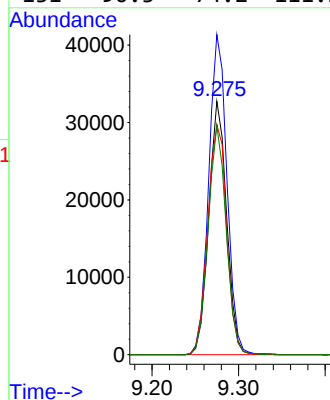
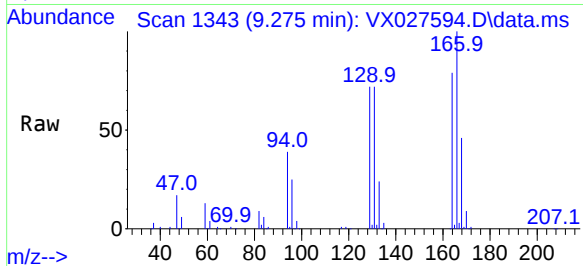


#64
Tetrachloroethene
Concen: 11.77 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

Tgt Ion:164 Resp: 46930

Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.2	151.8
129	90.8	73.0	109.4
131	90.3	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027594.D
Acq: 21 Mar 2022 18:23

Tgt Ion:152 Resp: 236745

Ion	Ratio	Lower	Upper
152	100		
115	58.3	37.5	112.7
150	156.8	0.0	338.2

