

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027601.D
 Acq On : 21 Mar 2022 21:09
 Operator : JC/MD
 Sample : N2000-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D3-20220315DL

Quant Time: Mar 22 05:51:08 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)

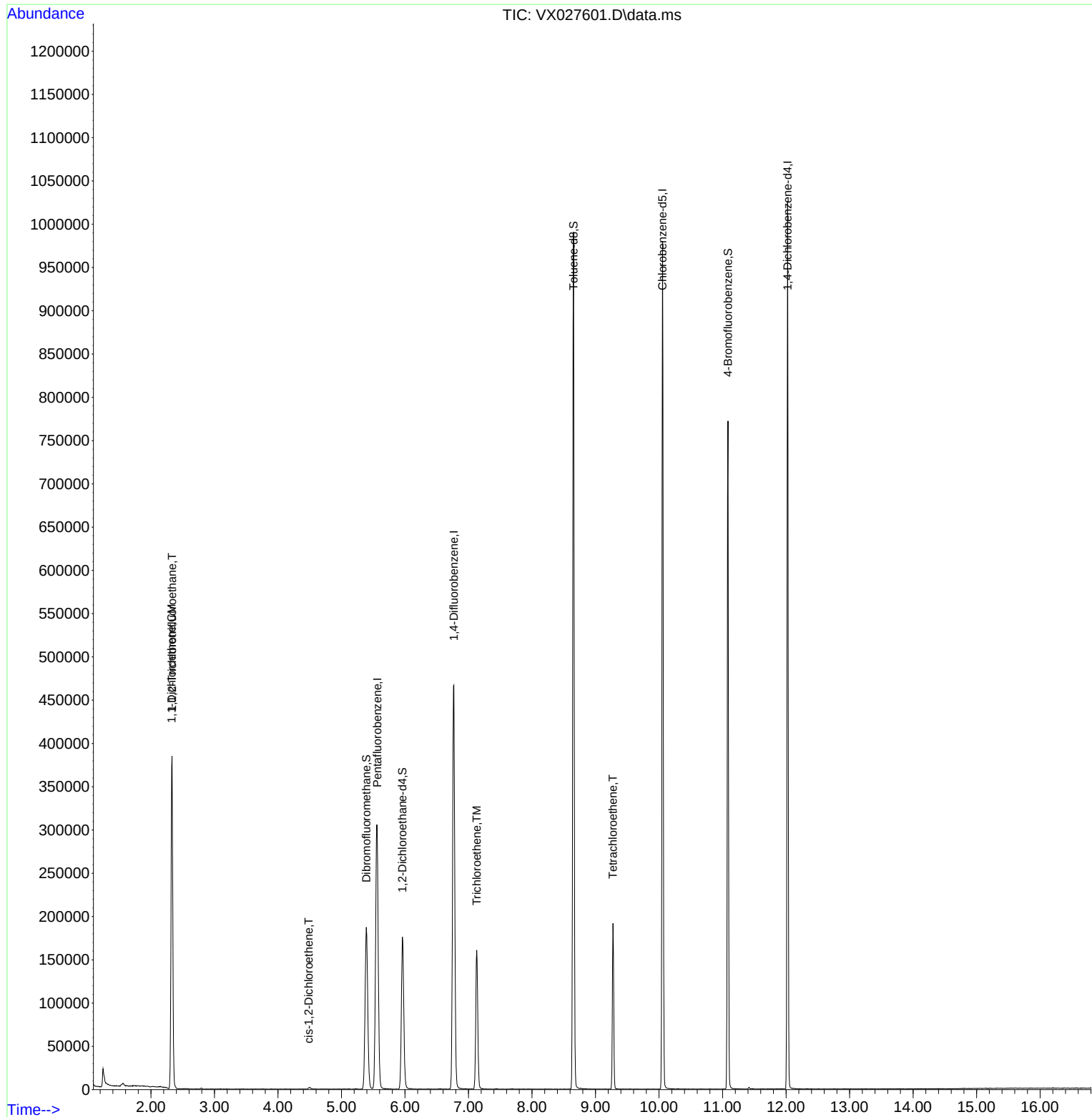
Internal Standards						
1) Pentafluorobenzene	5.562	168	321005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	529989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163524	41.352	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.700%		
35) Dibromofluoromethane	5.391	113	166869	48.937	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.880%		
50) Toluene-d8	8.653	98	611445	47.387	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.780%		
62) 4-Bromofluorobenzene	11.085	95	213861	45.093	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.180%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	155036	49.904	ug/l	92
12) 1,1-Dichloroethene	2.325	96	936	0.314	ug/l #	80
27) cis-1,2-Dichloroethene	4.483	96	1468	0.398	ug/l	79
44) Trichloroethene	7.129	130	69338	17.086	ug/l	98
64) Tetrachloroethene	9.275	164	39627	10.710	ug/l	97

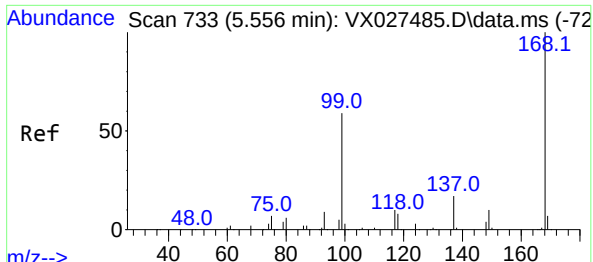
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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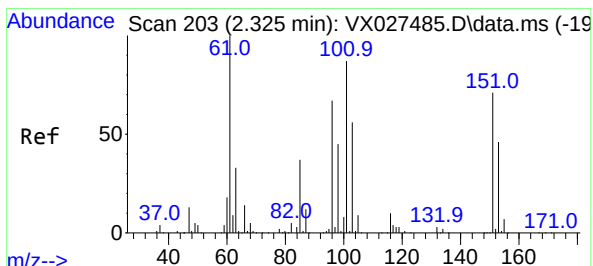
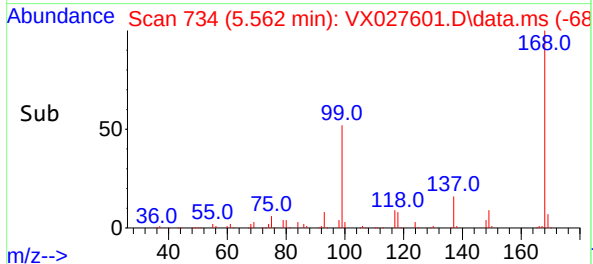
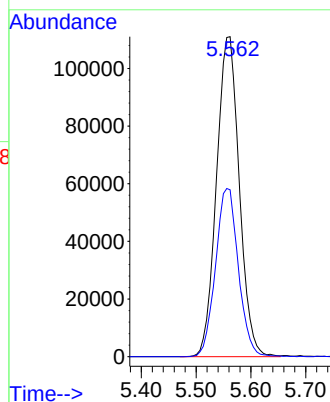
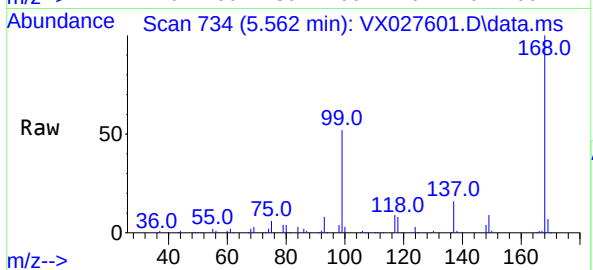




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

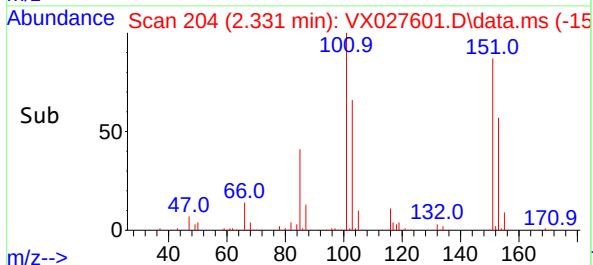
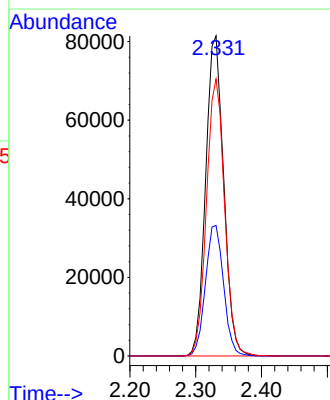
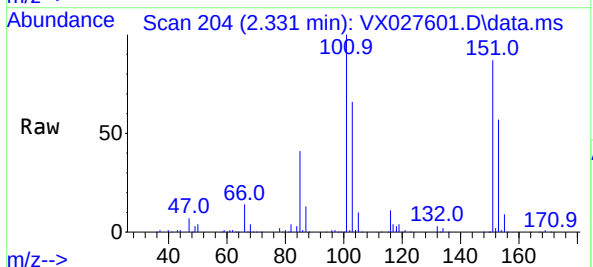
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

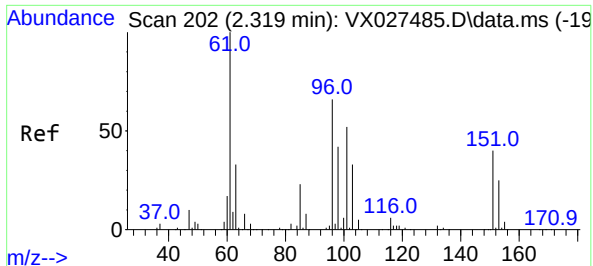
Tgt Ion:168 Resp: 321005
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.904 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion:101 Resp: 155036
Ion Ratio Lower Upper
101 100
85 41.2 33.5 50.3
151 87.2 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.314 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX027601.D

Acq: 21 Mar 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

RE-134D3-20220315DL

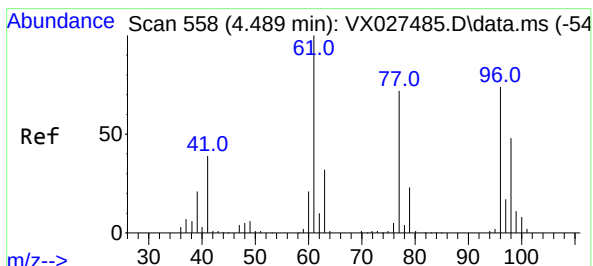
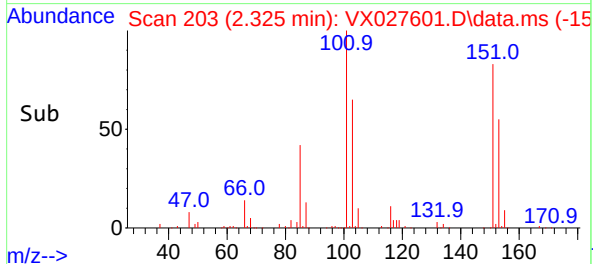
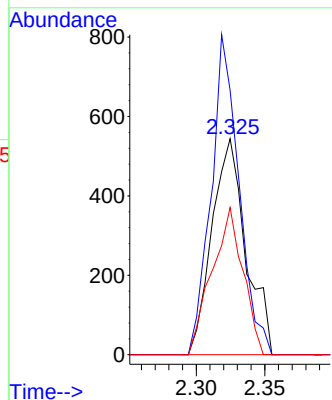
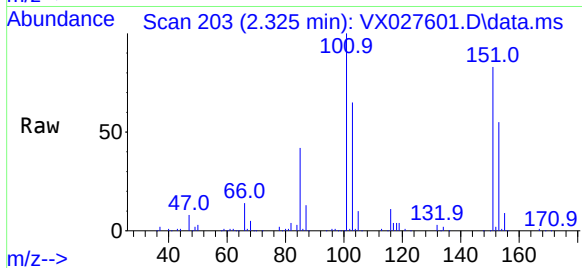
Tgt Ion: 96 Resp: 936

Ion Ratio Lower Upper

96 100

61 122.4 124.6 187.0#

98 68.2 51.0 76.4



#27

cis-1,2-Dichloroethene

Concen: 0.398 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX027601.D

Acq: 21 Mar 2022 21:09

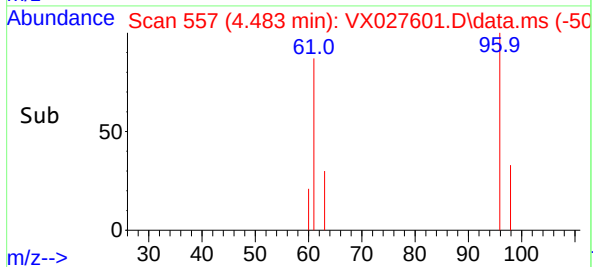
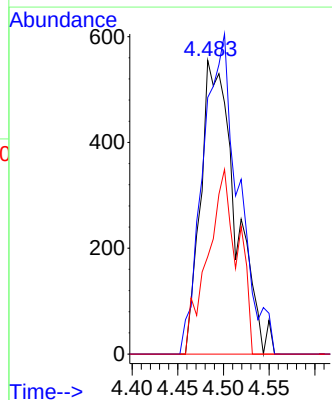
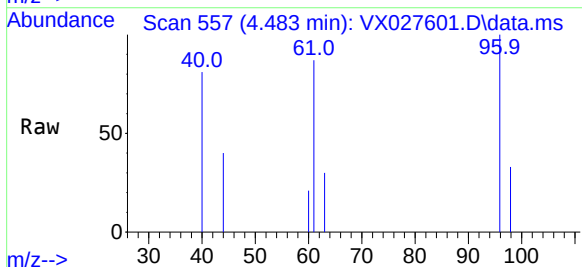
Tgt Ion: 96 Resp: 1468

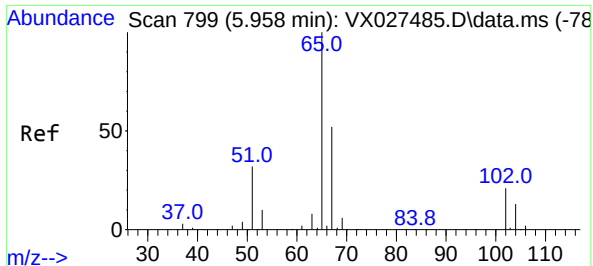
Ion Ratio Lower Upper

96 100

61 111.8 0.0 283.8

98 54.8 0.0 129.8

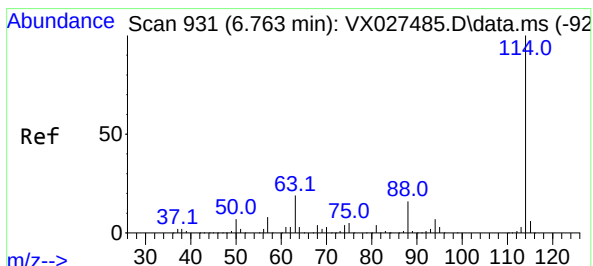
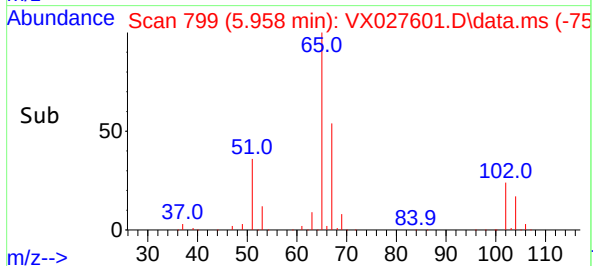
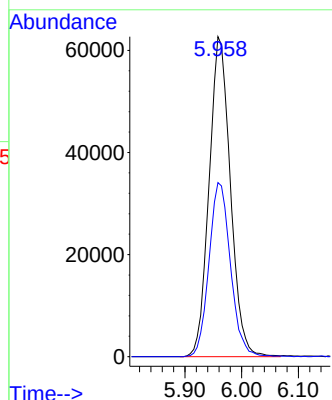
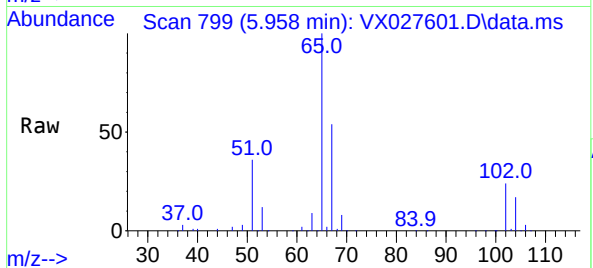




#33
1,2-Dichloroethane-d4
Concen: 41.352 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

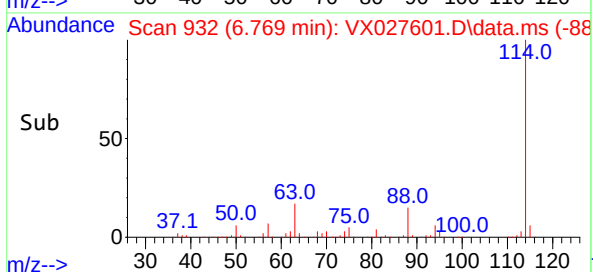
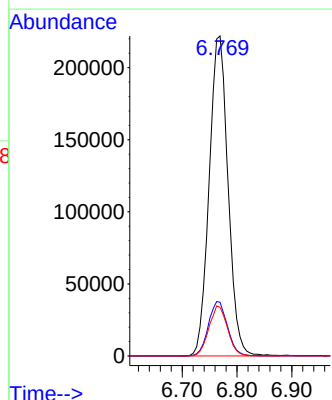
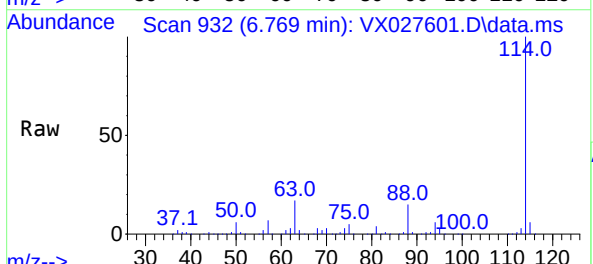
Instrument :
MSVOA_X
ClientSampleId :
RE-134D3-20220315DL

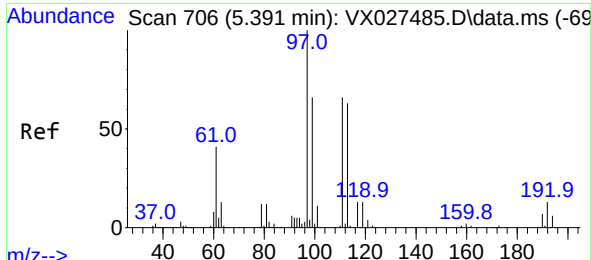
Tgt Ion: 65 Resp: 163524
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion:114 Resp: 529989
Ion Ratio Lower Upper
114 100
63 16.8 0.0 36.8
88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.937 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027601.D

Acq: 21 Mar 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

RE-134D3-20220315DL

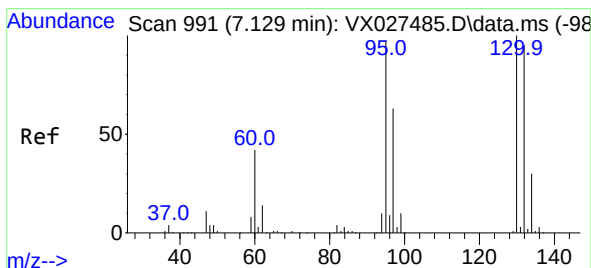
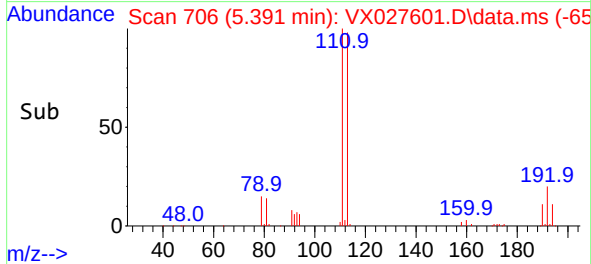
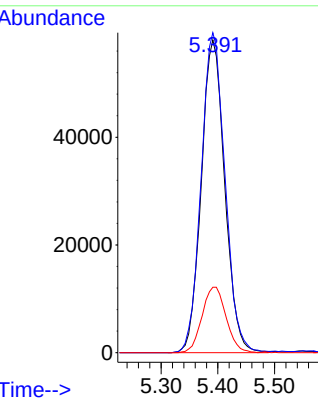
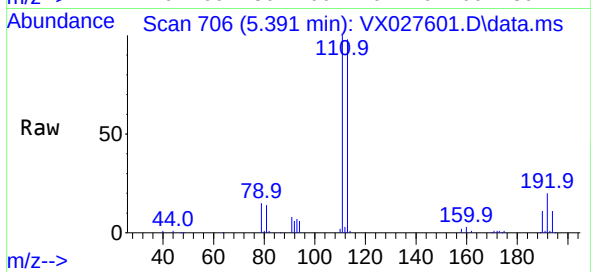
Tgt Ion:113 Resp: 166869

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 21.5 16.9 25.3



#44

Trichloroethene

Concen: 17.086 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027601.D

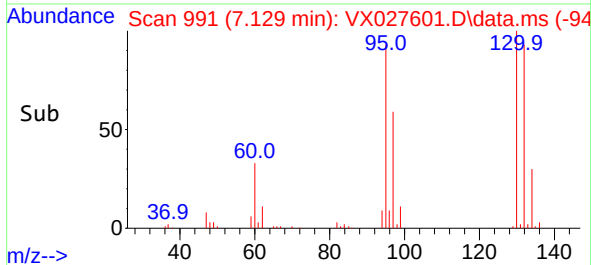
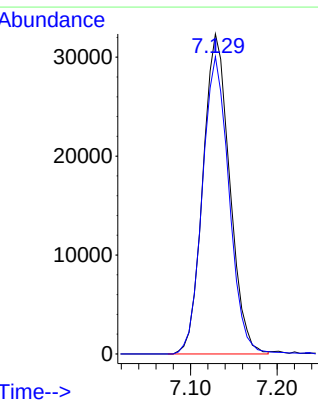
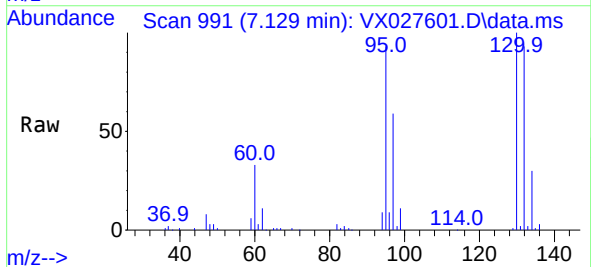
Acq: 21 Mar 2022 21:09

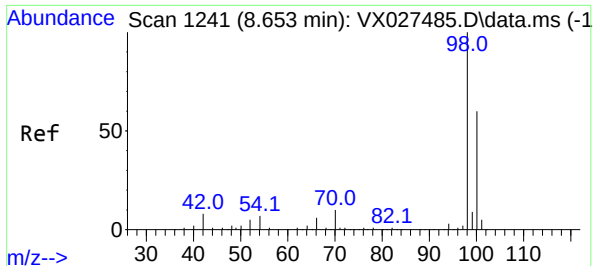
Tgt Ion:130 Resp: 69338

Ion Ratio Lower Upper

130 100

95 92.9 0.0 188.8

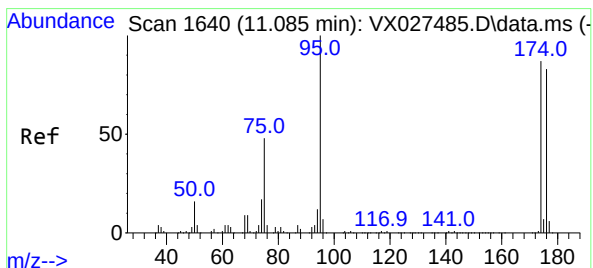
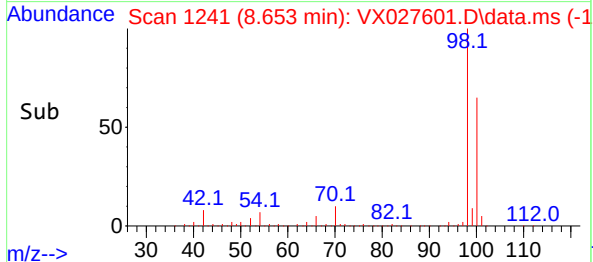
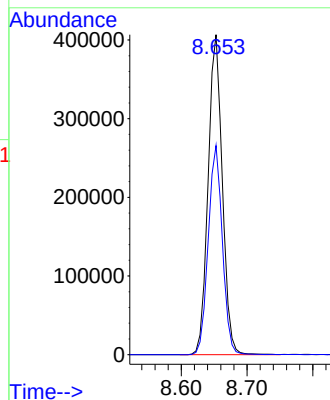
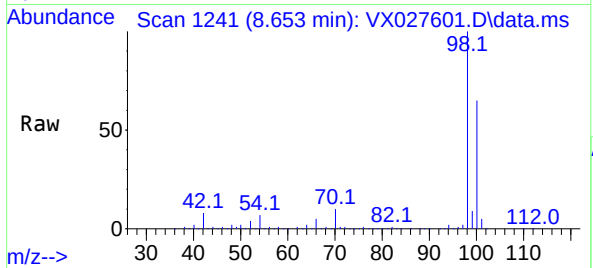




#50
Toluene-d8
Concen: 47.387 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

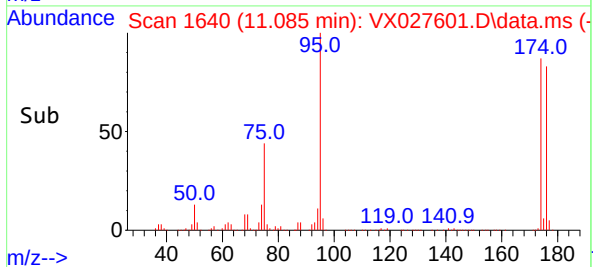
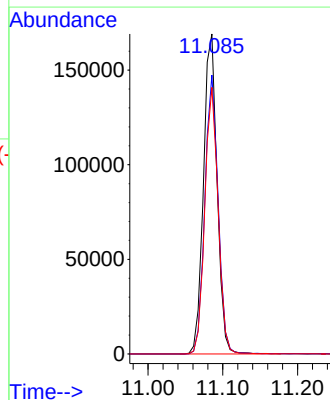
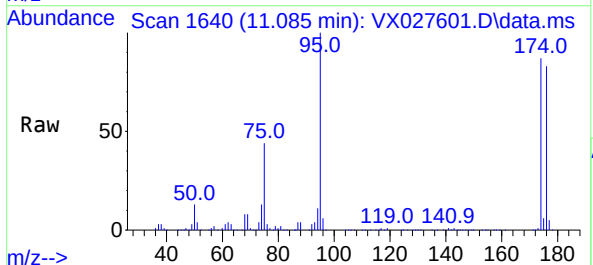
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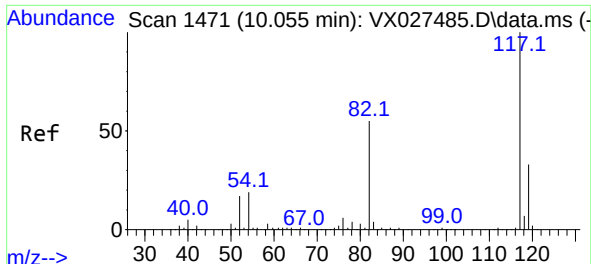
Tgt Ion: 98 Resp: 611445
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.093 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Tgt Ion: 95 Resp: 213861
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 81.7 0.0 155.0

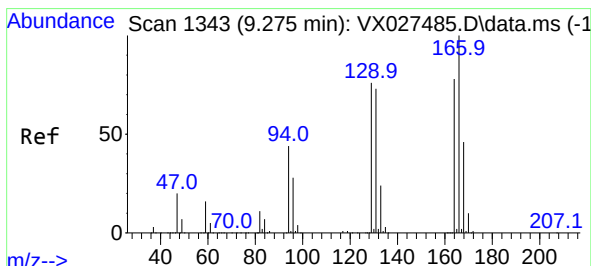
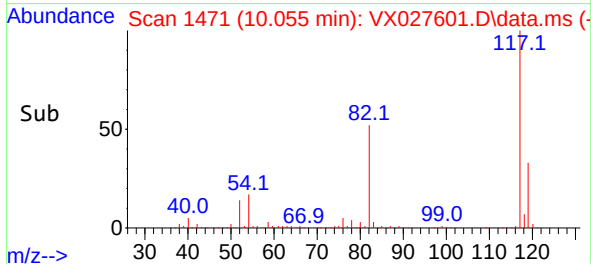
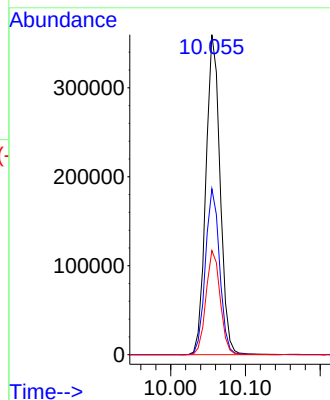
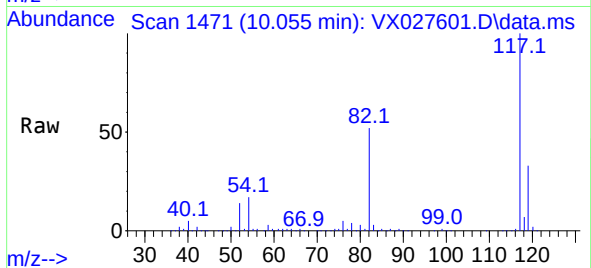




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

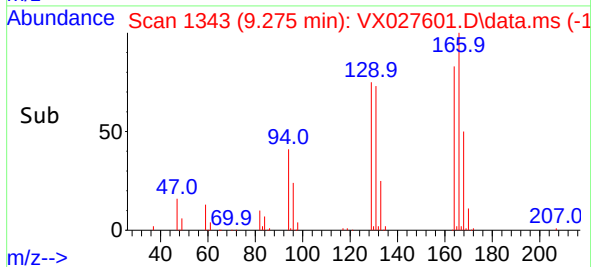
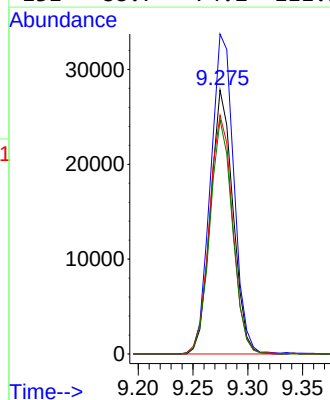
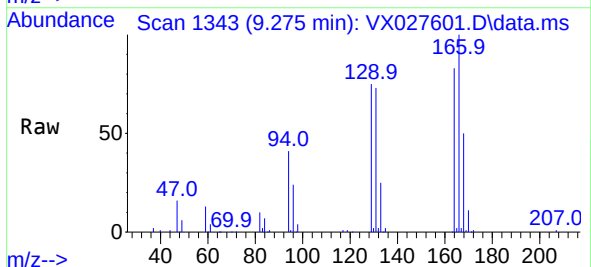
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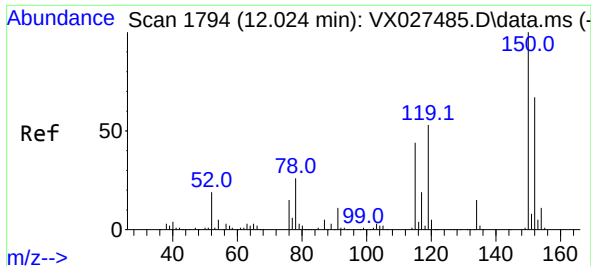
Tgt Ion:117 Resp: 475885
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 10.710 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

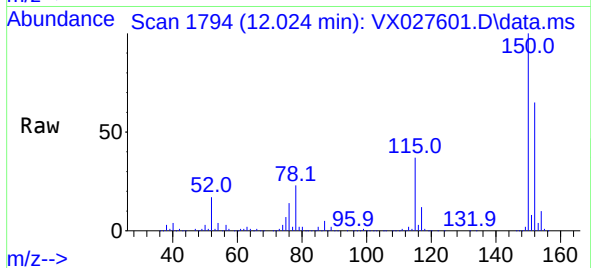
Tgt Ion:164 Resp: 39627
Ion Ratio Lower Upper
164 100
166 121.2 101.2 151.8
129 90.4 73.0 109.4
131 88.7 74.2 111.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027601.D
Acq: 21 Mar 2022 21:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:152 Resp: 216826
Ion Ratio Lower Upper
152 100
115 57.7 37.5 112.7
150 155.7 0.0 338.2

