

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027556.D
 Acq On : 19 Mar 2022 13:35
 Operator : JC/MD
 Sample : N2000-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D2-20220315

Quant Time: Mar 21 01:21:16 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)

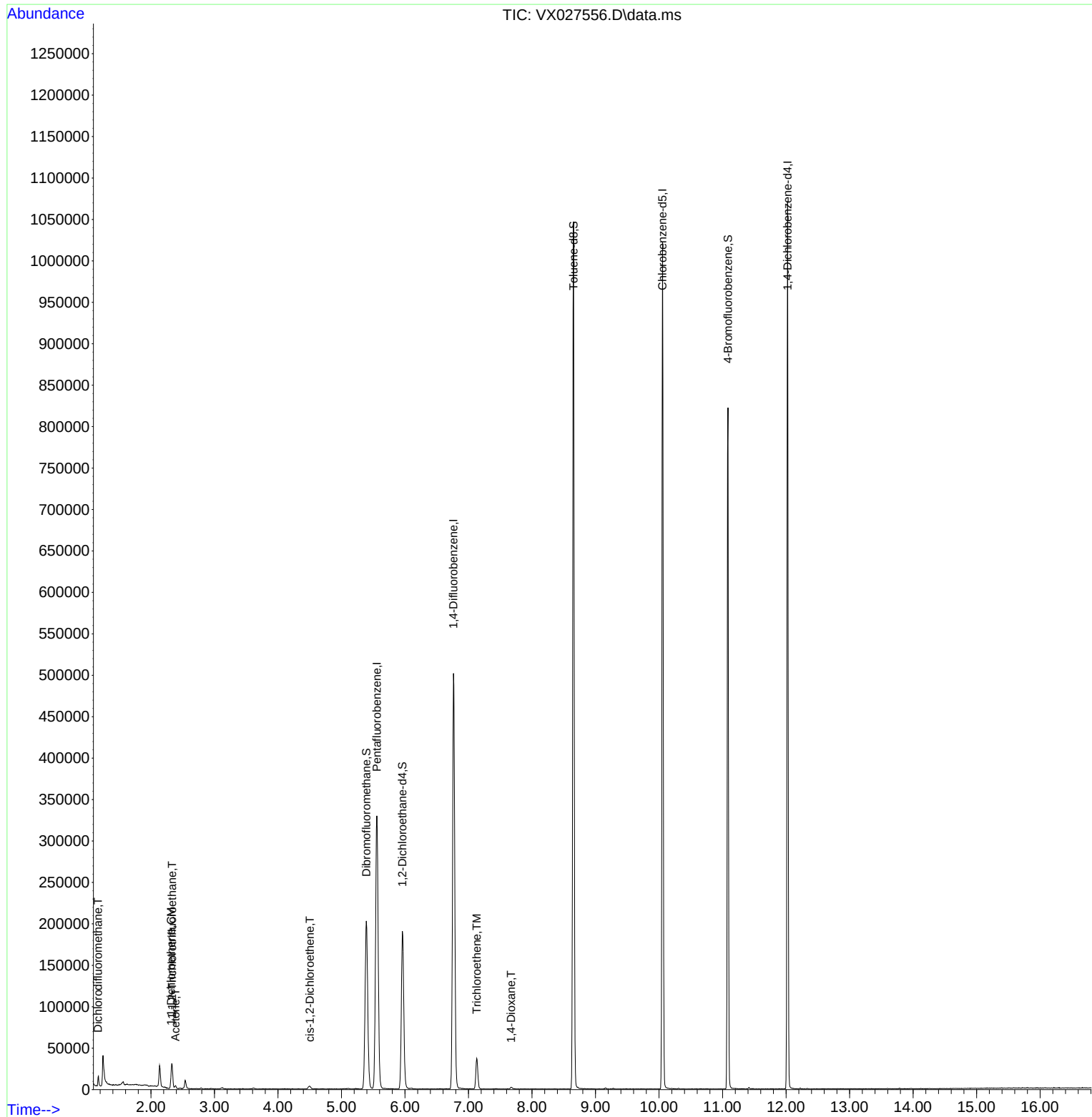
Internal Standards						
1) Pentafluorobenzene	5.556	168	345606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180903	42.490	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.980%
35) Dibromofluoromethane	5.391	113	183292	50.598	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.200%
50) Toluene-d8	8.653	98	653942	47.705	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.085	95	228898	45.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4505	1.358	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	11235	3.359	ug/l	90
12) 1,1-Dichloroethene	2.319	96	1251	0.390	ug/l #	79
16) Acetone	2.386	43	3239	1.866	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	2466	0.621	ug/l	88
44) Trichloroethene	7.129	130	16124	3.740	ug/l	98
49) 1,4-Dioxane	7.671	88	2167	21.474	ug/l #	88

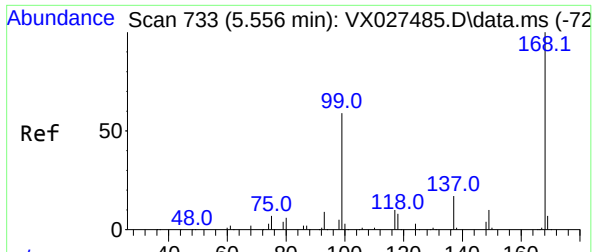
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE-132D2-20220315

Quant Time: Mar 21 01:21:16 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

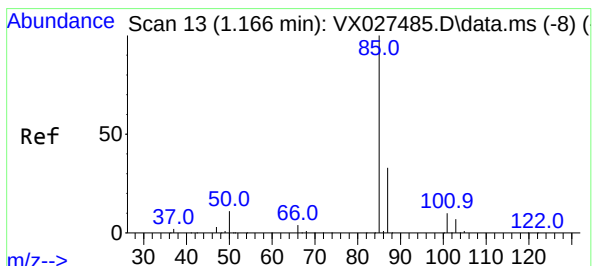
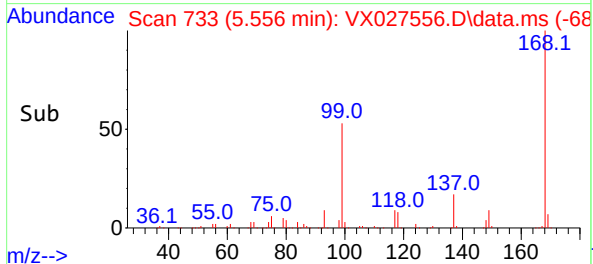
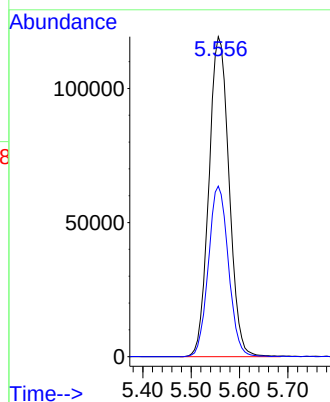
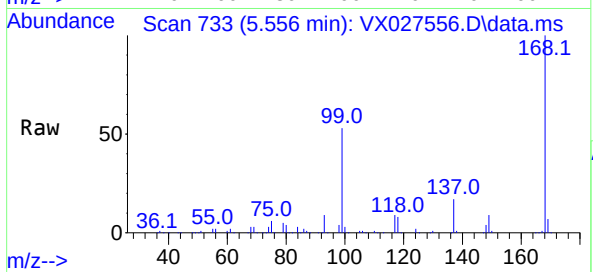




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

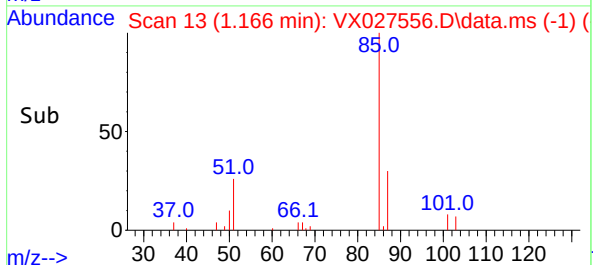
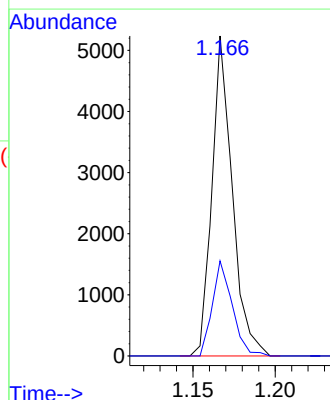
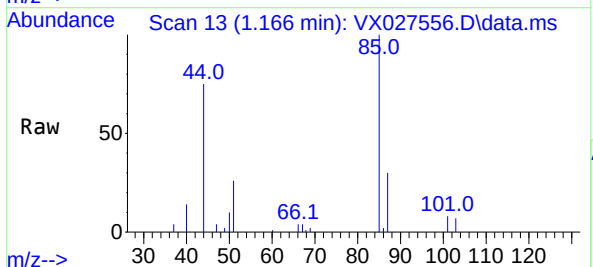
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

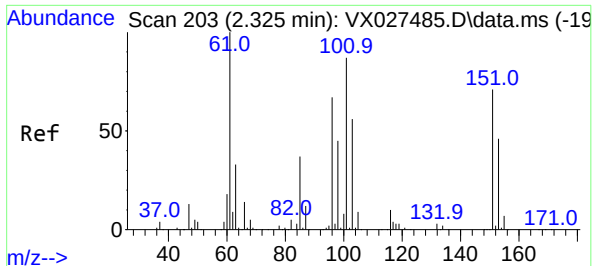
Tgt Ion:168 Resp: 345606
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 1.358 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 85 Resp: 4505
Ion Ratio Lower Upper
85 100
87 29.7 16.2 48.6

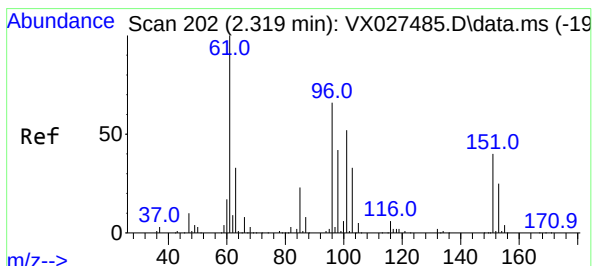
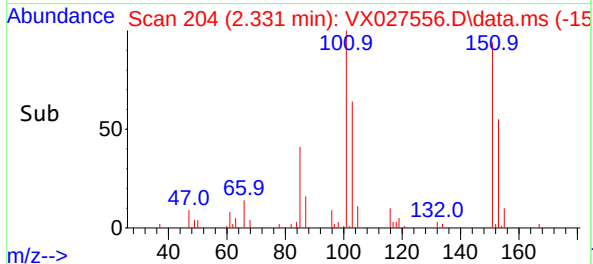
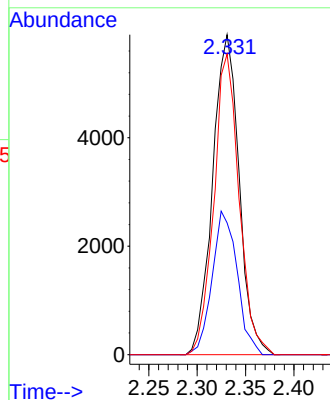
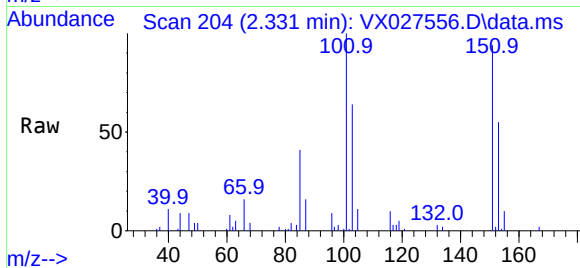




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.359 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

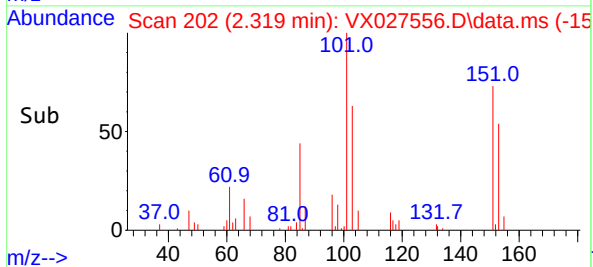
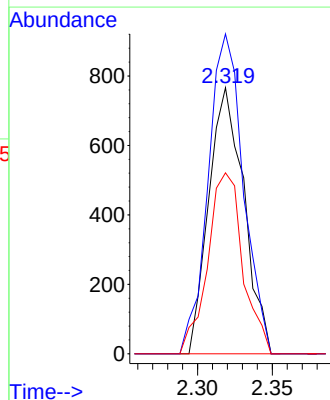
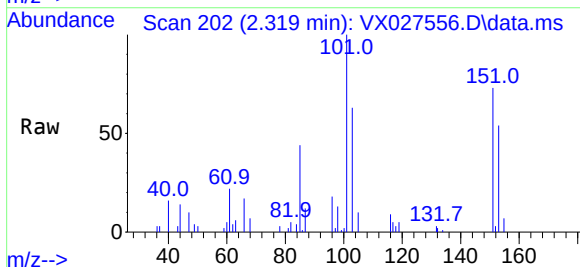
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

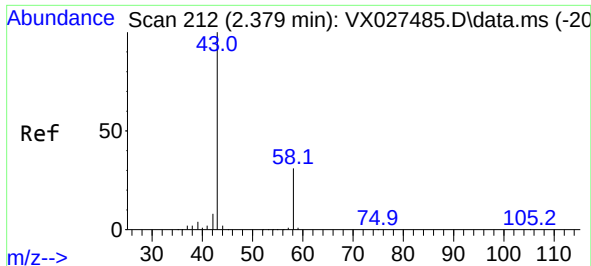
Tgt Ion:101 Resp: 11235
Ion Ratio Lower Upper
101 100
85 42.4 33.5 50.3
151 89.6 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.390 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 96 Resp: 1251
Ion Ratio Lower Upper
96 100
61 120.2 124.6 187.0#
98 68.0 51.0 76.4

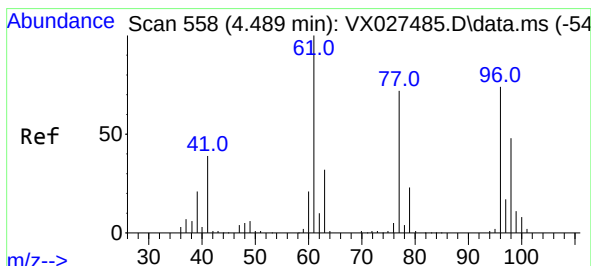
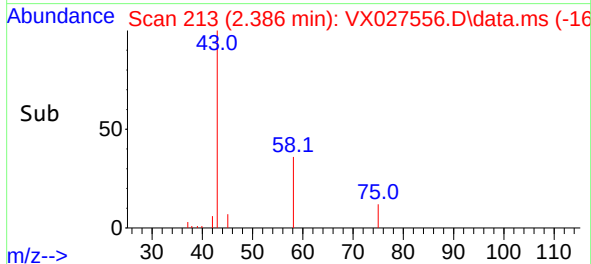
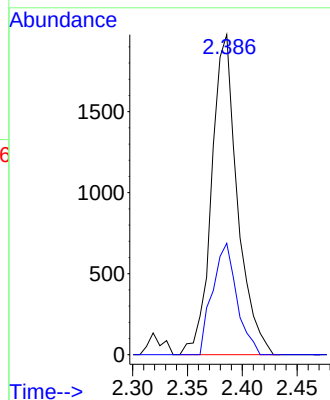
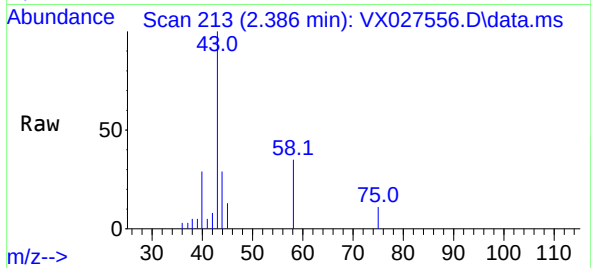




#16
Acetone
Concen: 1.866 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

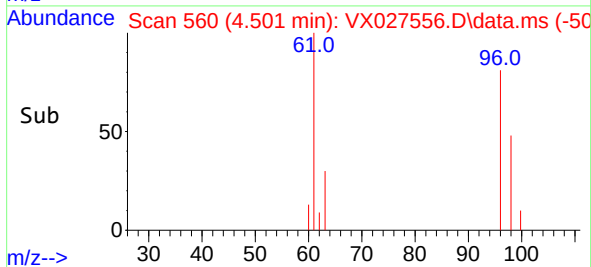
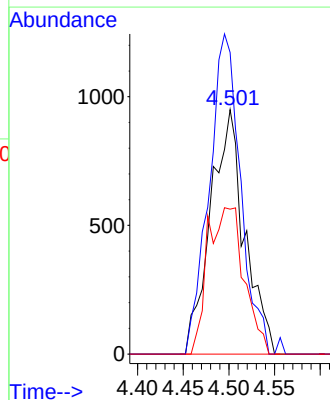
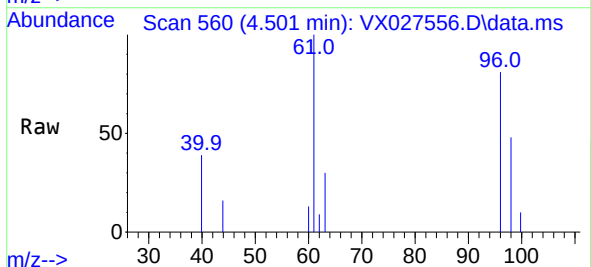
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

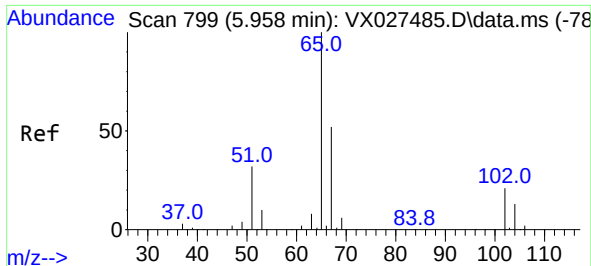
Tgt Ion: 43 Resp: 3239
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 0.621 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion: 96 Resp: 2466
Ion Ratio Lower Upper
96 100
61 121.0 0.0 283.8
98 64.2 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 42.490 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

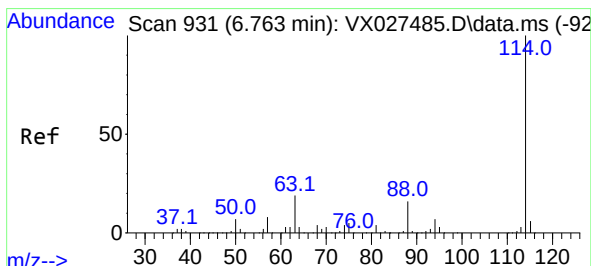
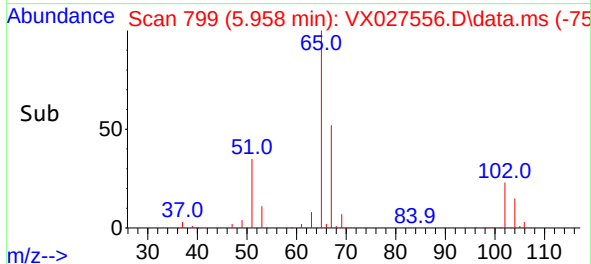
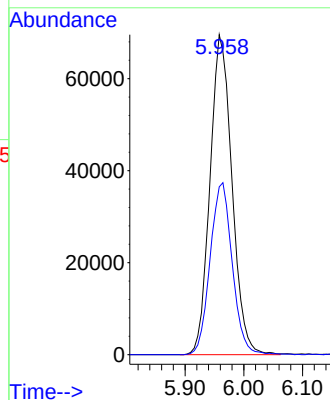
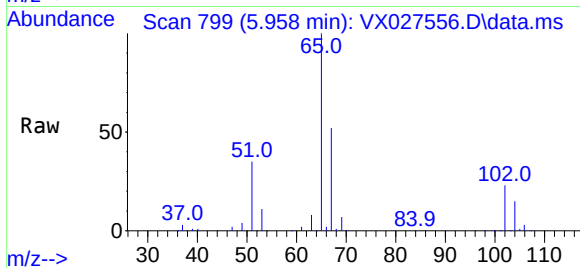
RE-132D2-20220315

Tgt Ion: 65 Resp: 180903

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

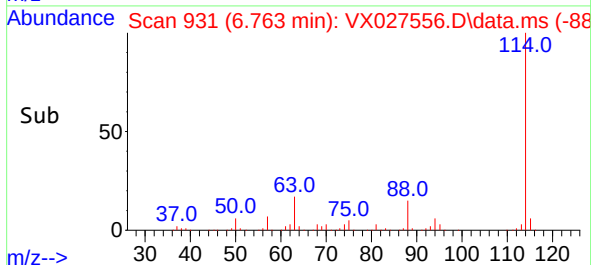
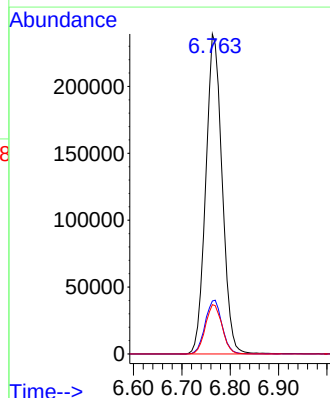
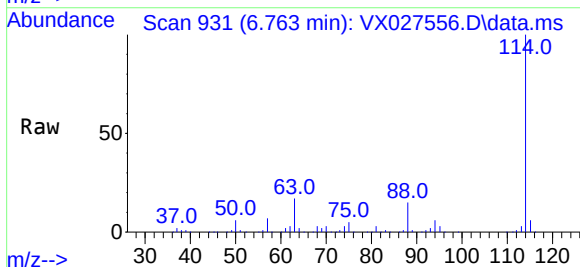
Tgt Ion: 114 Resp: 563041

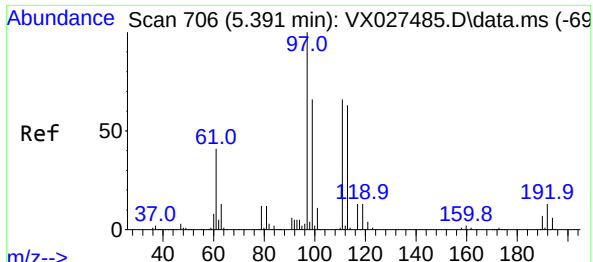
Ion Ratio Lower Upper

114 100

63 16.6 0.0 36.8

88 15.4 0.0 32.4

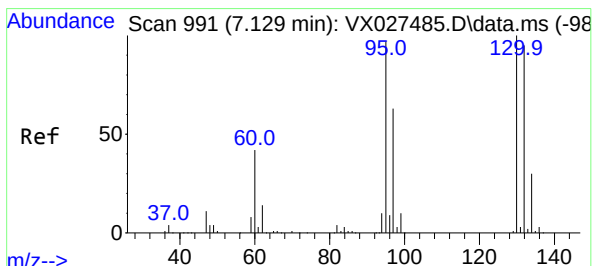
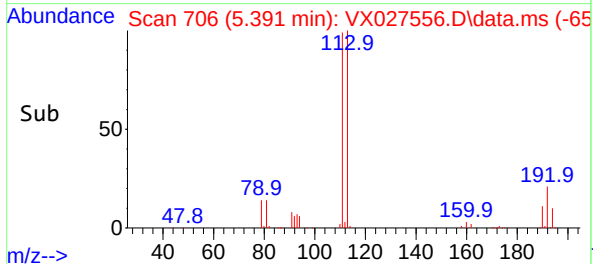
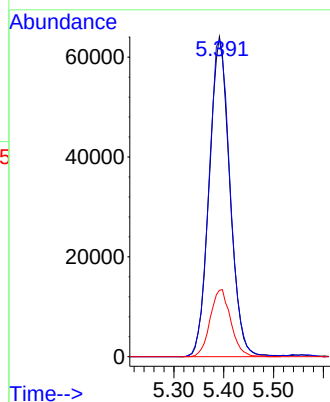
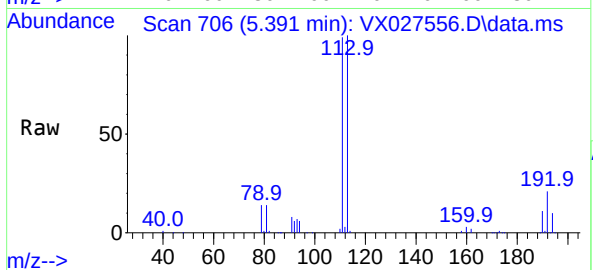




#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

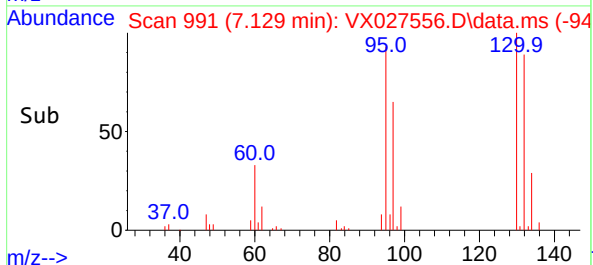
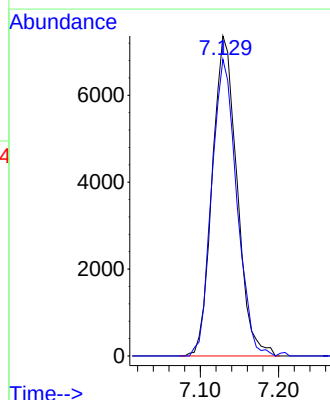
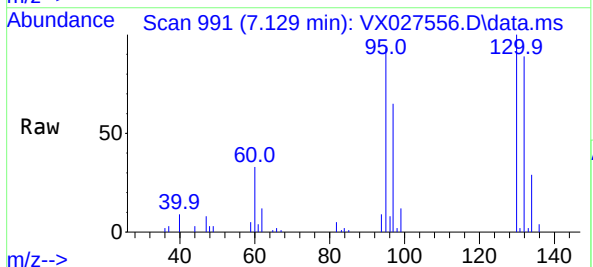
Instrument :
MSVOA_X
ClientSampleId :
RE-132D2-20220315

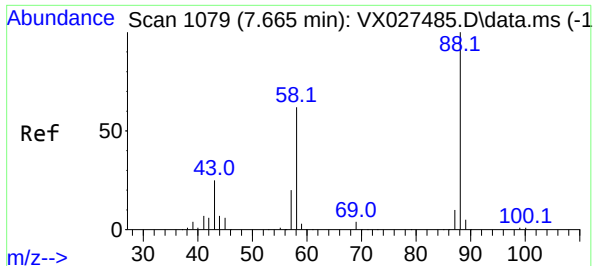
Tgt Ion:113 Resp: 183292
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.0 16.9 25.3



#44
Trichloroethene
Concen: 3.740 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

Tgt Ion:130 Resp: 16124
Ion Ratio Lower Upper
130 100
95 92.7 0.0 188.8





#49

1,4-Dioxane

Concen: 21.474 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX027556.D

Acq: 19 Mar 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

RE-132D2-20220315

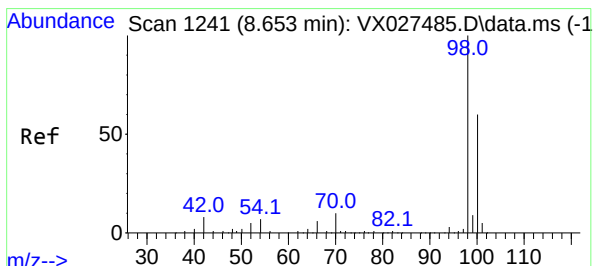
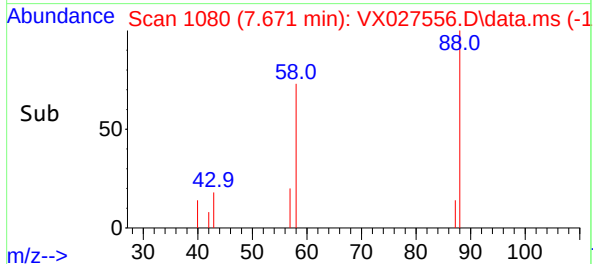
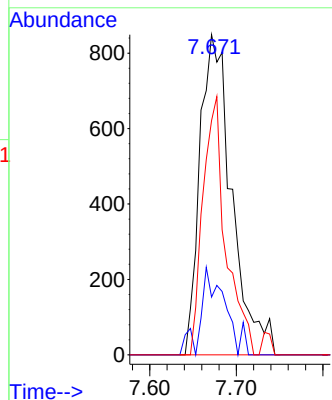
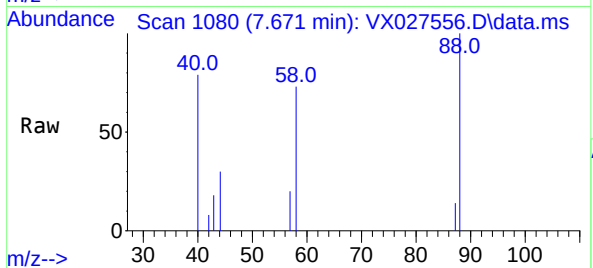
Tgt Ion: 88 Resp: 2167

Ion Ratio Lower Upper

88 100

43 21.0 21.9 32.9#

58 58.1 53.7 80.5



#50

Toluene-d8

Concen: 47.705 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027556.D

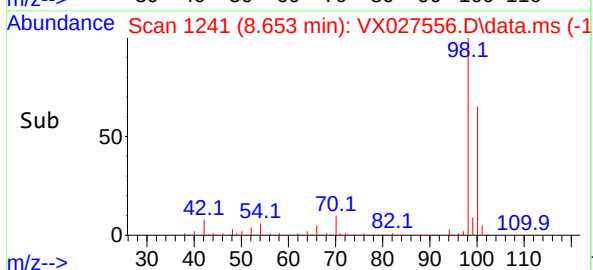
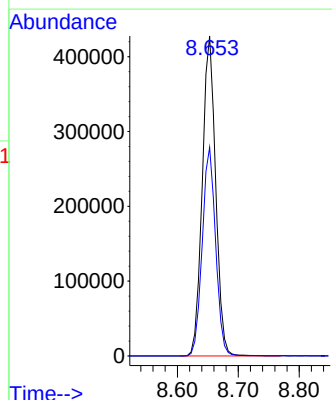
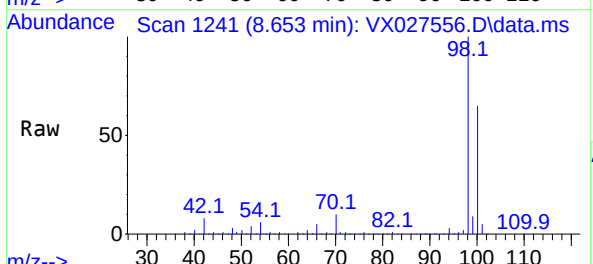
Acq: 19 Mar 2022 13:35

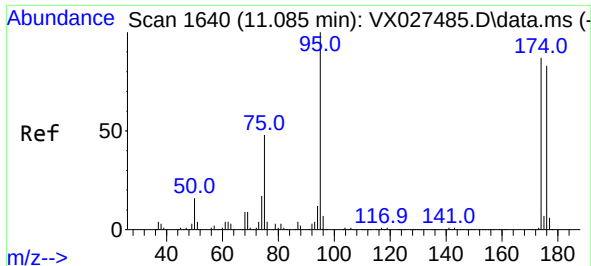
Tgt Ion: 98 Resp: 653942

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

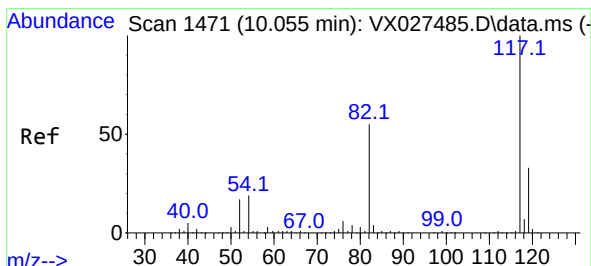
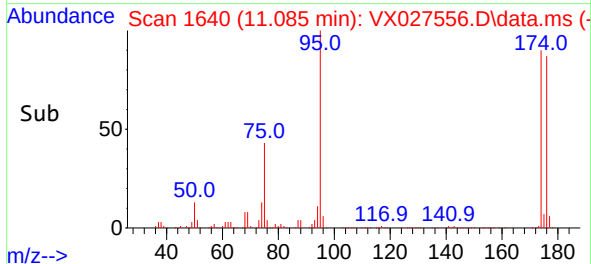
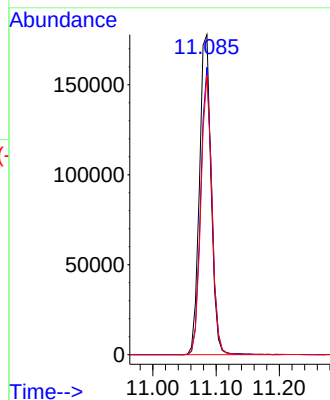
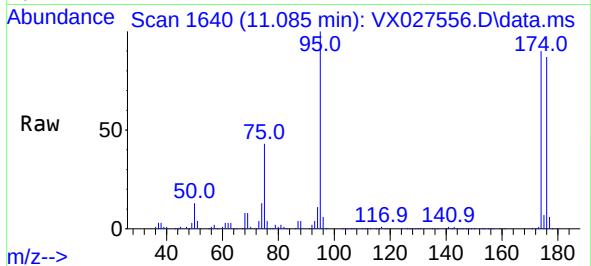




#62
4-Bromofluorobenzene
Concen: 45.430 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

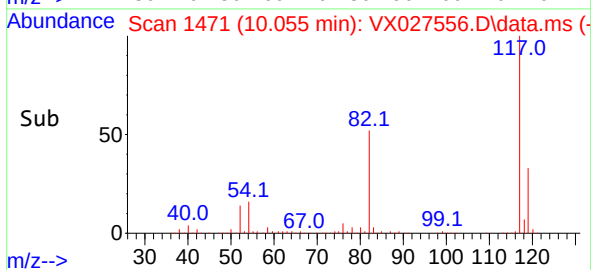
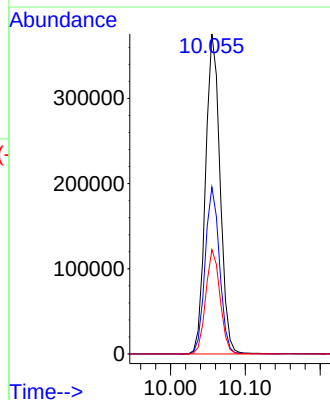
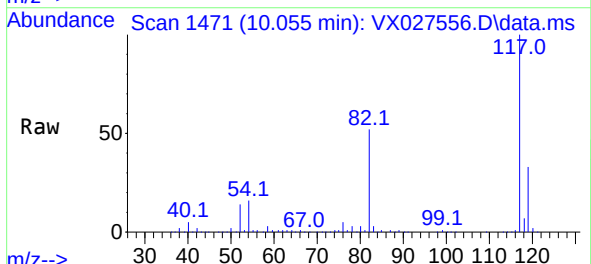
Instrument :
MSVOA_X
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RE-132D2-20220315

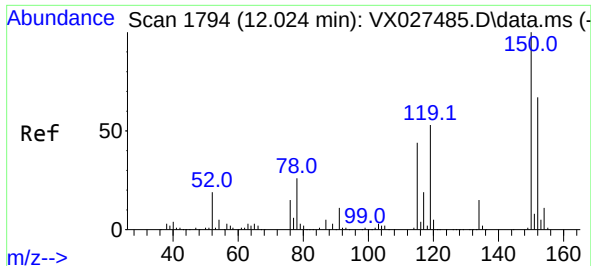
Tgt Ion: 95 Resp: 228898
Ion Ratio Lower Upper
95 100
174 85.8 0.0 163.0
176 83.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027556.D
Acq: 19 Mar 2022 13:35

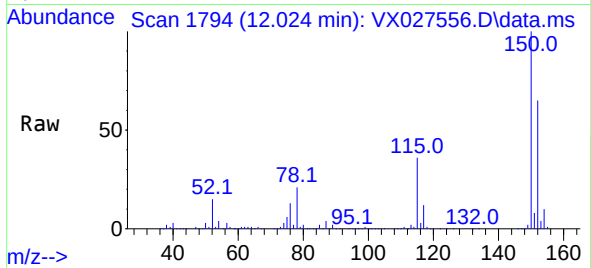
Tgt Ion: 117 Resp: 506709
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.6 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027556.D
 Acq: 19 Mar 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D2-20220315



Tgt Ion:152 Resp: 235093
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 157.1 0.0 338.2

