

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027568.D
 Acq On : 19 Mar 2022 18:19
 Operator : JC/MD
 Sample : N2000-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D1-20220316

Quant Time: Mar 21 01:25:06 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)

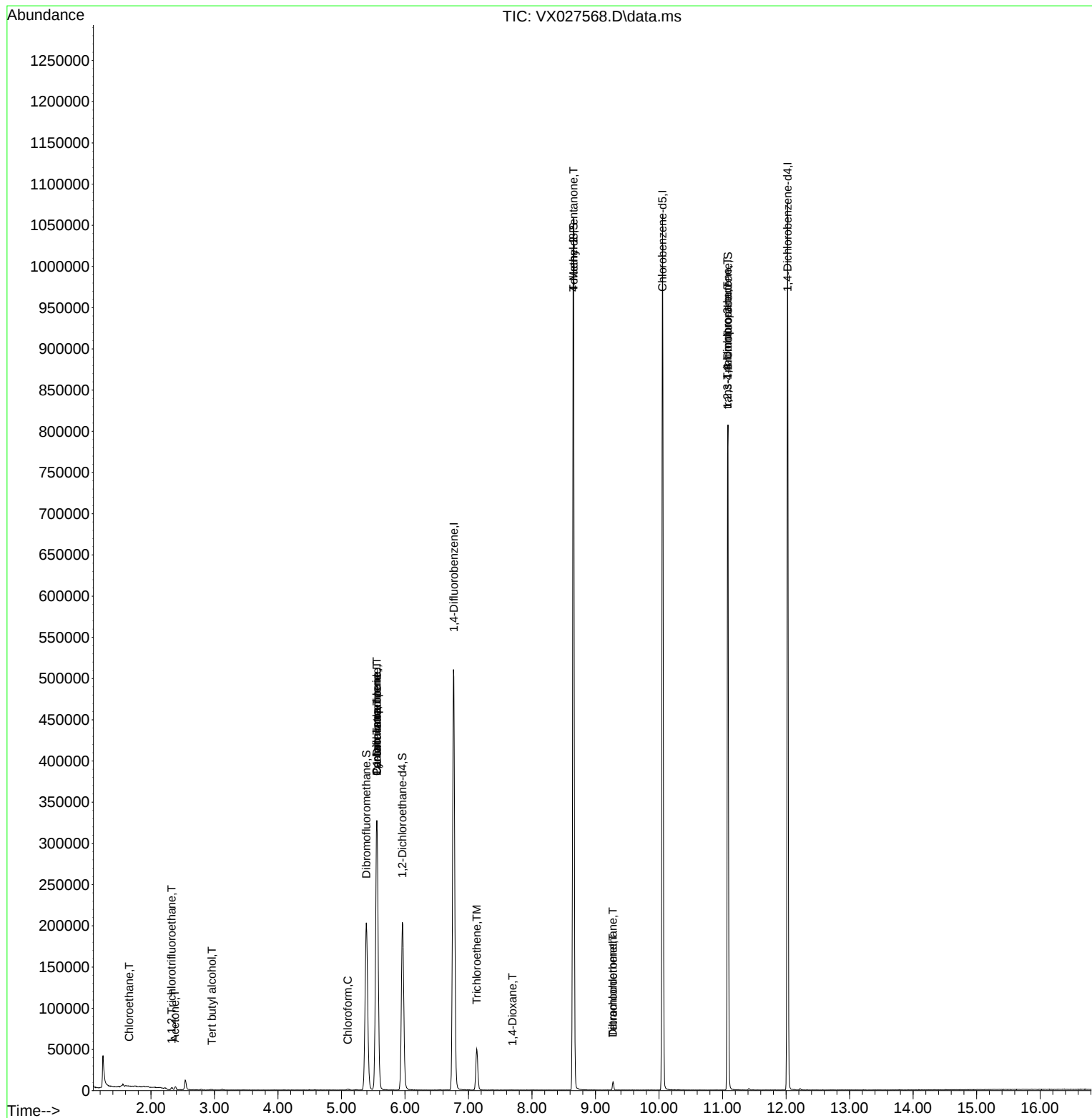
Internal Standards						
1) Pentafluorobenzene	5.556	168	326384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	542586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200288	49.814	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.620%
35) Dibromofluoromethane	5.391	113	179076	51.298	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.600%
50) Toluene-d8	8.653	98	659079	49.893	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.085	95	221558	45.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	416	Below Cal	#	66
6) Chloroethane	1.654	64	1404	0.712	ug/l #	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	1225	0.388	ug/l	100
11) Tert butyl alcohol	2.959	59	505	0.659	ug/l #	72
16) Acetone	2.380	43	3978	2.427	ug/l	96
30) Chloroform	5.099	83	1556	0.250	ug/l	93
31) Cyclohexane	5.556	56	5584	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22241	4.662	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31547	5.780	ug/l #	17
44) Trichloroethene	7.129	130	20804	5.007	ug/l	100
49) 1,4-Dioxane	7.690	88	128	1.316	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43	2226	0.456	ug/l #	1
60) Dibromochloromethane	9.275	129	1796	0.437	ug/l #	9
64) Tetrachloroethene	9.275	164	1909	0.480	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	107635	23.420	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107635	71.129	ug/l #	15

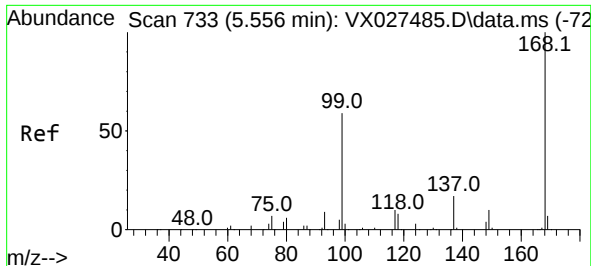
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

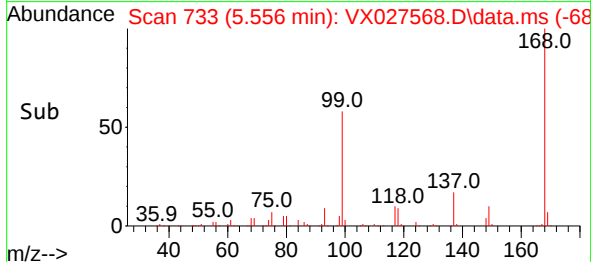
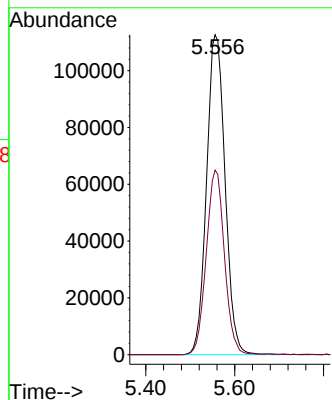
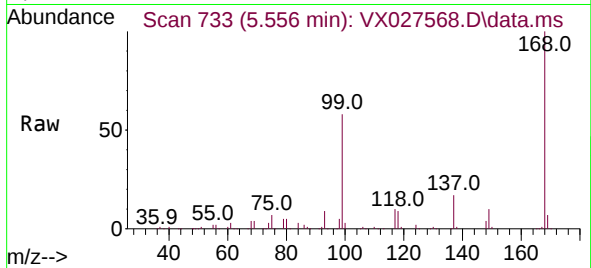




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

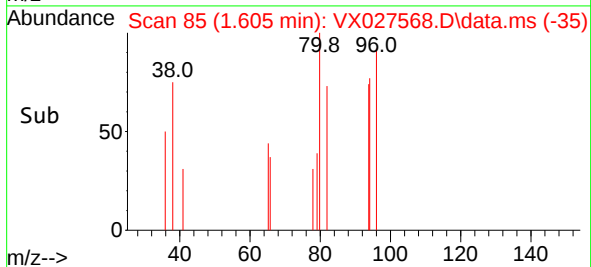
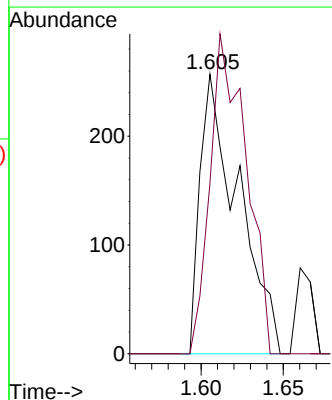
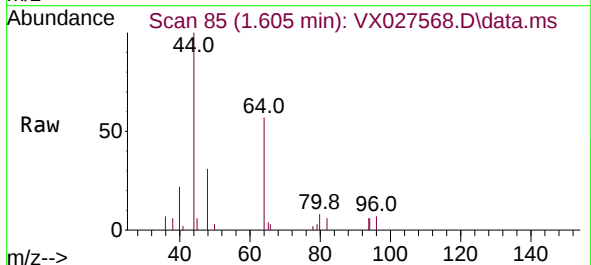
Instrument :
MSVOA_X
ClientSampleId :
RE-134D1-20220316

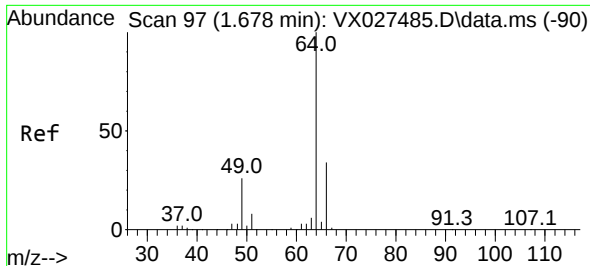
Tgt Ion:168 Resp: 326384
Ion Ratio Lower Upper
168 100
99 57.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Tgt Ion: 94 Resp: 416
Ion Ratio Lower Upper
94 100
96 61.1 75.3 112.9#

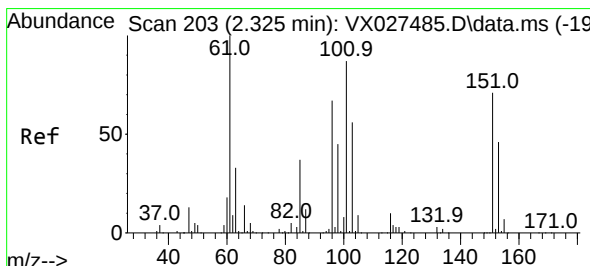
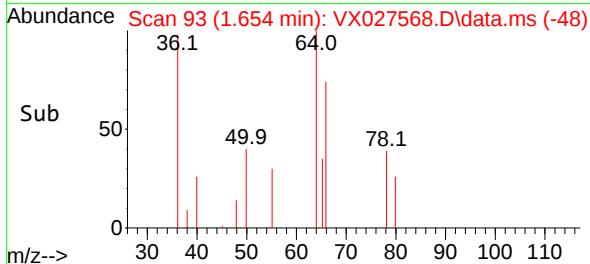
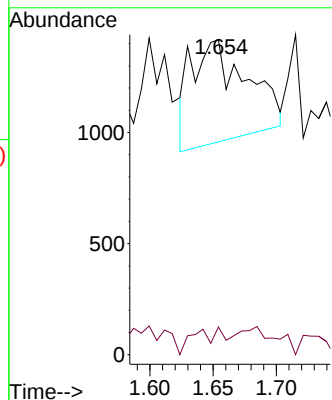
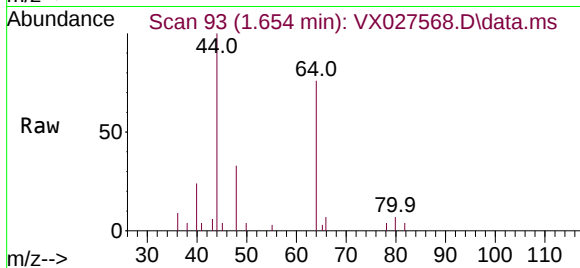




#6
Chloroethane
Concen: 0.712 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

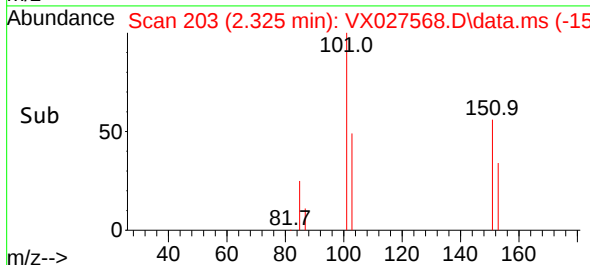
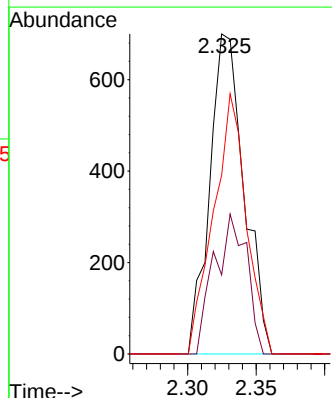
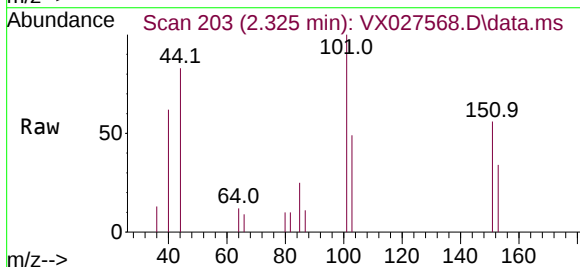
Instrument :
MSVOA_X
ClientSampleId :
RE-134D1-20220316

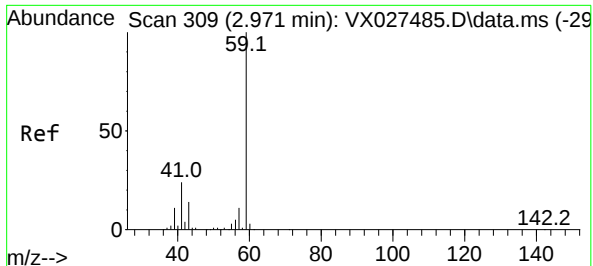
Tgt Ion: 64 Resp: 1404
Ion Ratio Lower Upper
64 100
66 38.2 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Tgt Ion: 101 Resp: 1225
Ion Ratio Lower Upper
101 100
85 41.1 33.5 50.3
151 77.2 61.8 92.6





#11

Tert butyl alcohol

Concen: 0.659 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX027568.D

Acq: 19 Mar 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

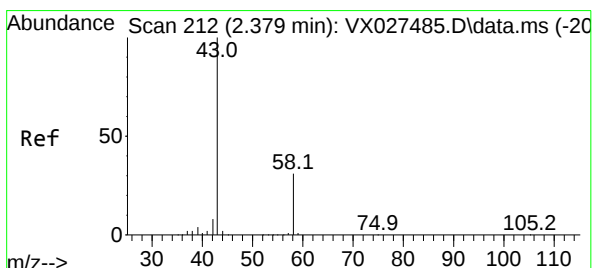
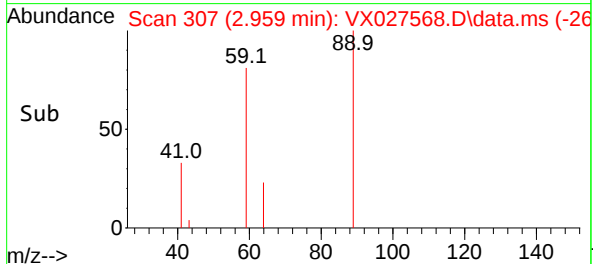
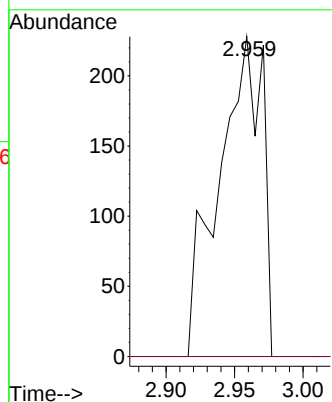
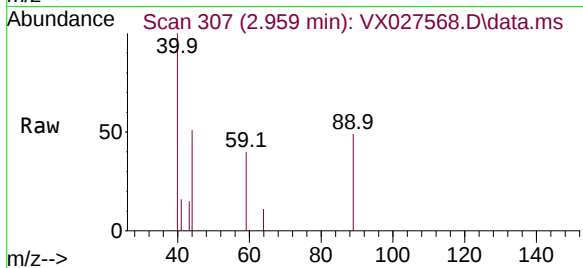
RE-134D1-20220316

Tgt Ion: 59 Resp: 505

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.427 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027568.D

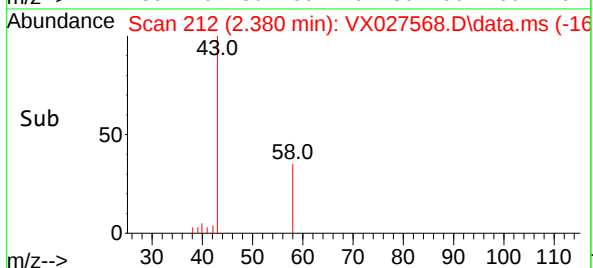
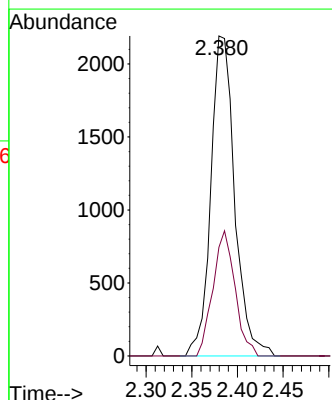
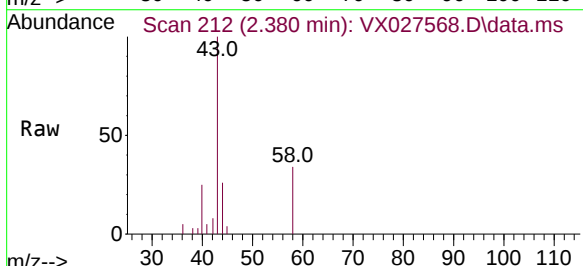
Acq: 19 Mar 2022 18:19

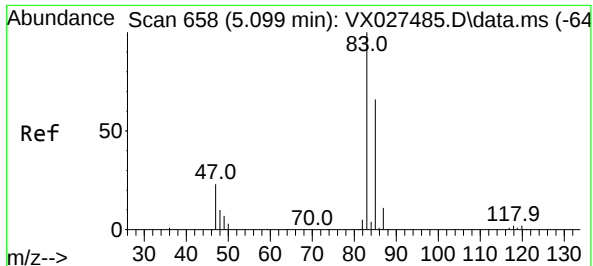
Tgt Ion: 43 Resp: 3978

Ion Ratio Lower Upper

43 100

58 33.9 28.8 43.2





#30

Chloroform

Concen: 0.250 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027568.D

Acq: 19 Mar 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

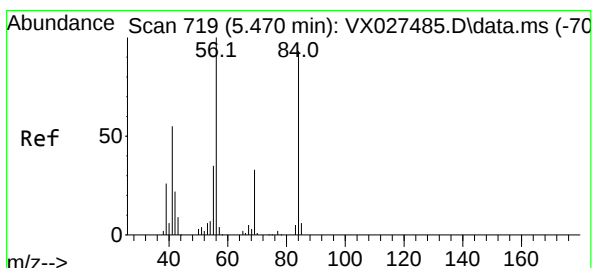
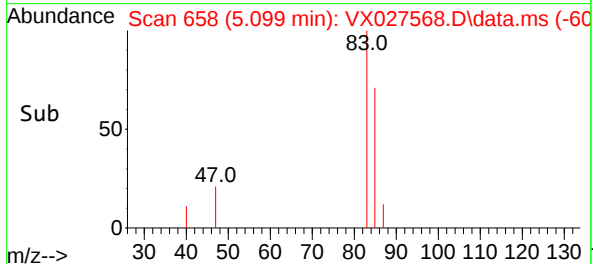
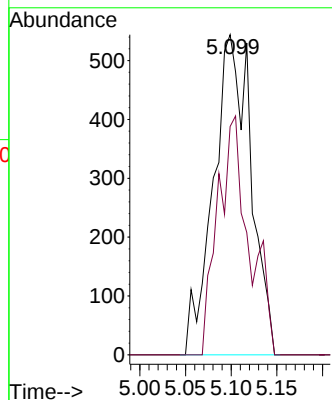
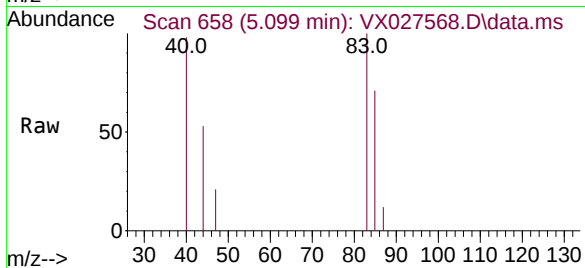
RE-134D1-20220316

Tgt Ion: 83 Resp: 1556

Ion Ratio Lower Upper

83 100

85 71.3 52.7 79.1



#31

Cyclohexane

Concen: 1.118 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX027568.D

Acq: 19 Mar 2022 18:19

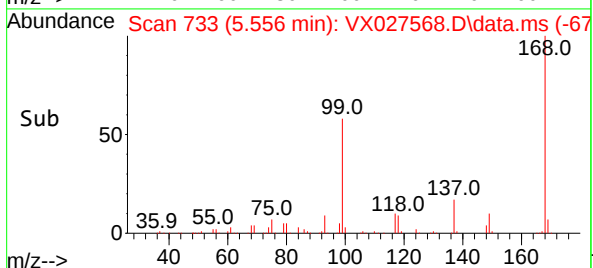
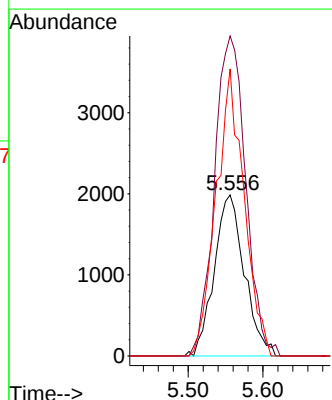
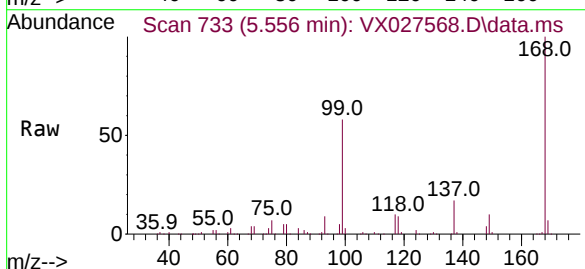
Tgt Ion: 56 Resp: 5584

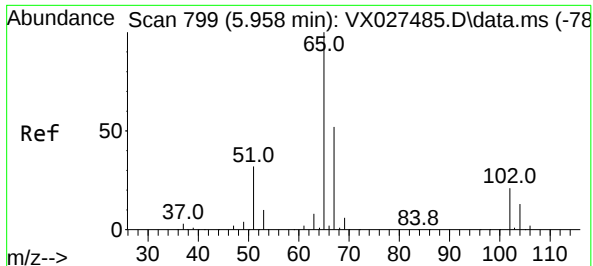
Ion Ratio Lower Upper

56 100

69 198.8 26.7 40.1#

84 178.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.814 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027568.D

Acq: 19 Mar 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

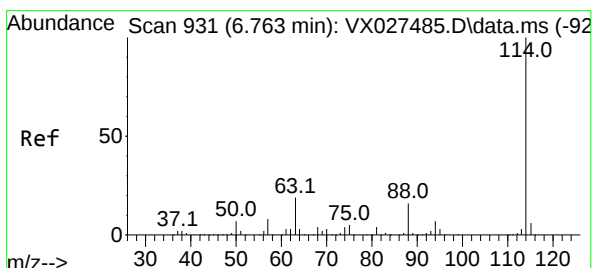
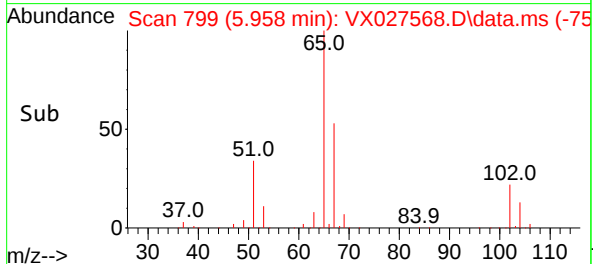
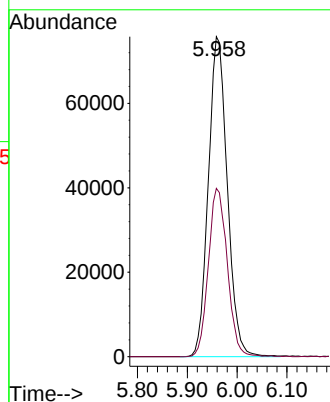
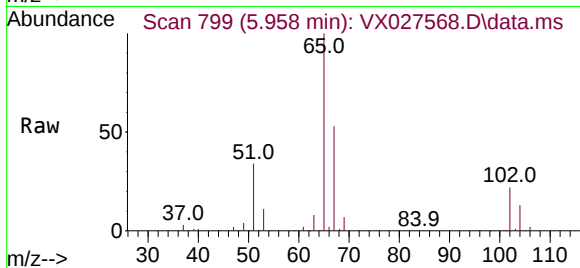
RE-134D1-20220316

Tgt Ion: 65 Resp: 200288

Ion Ratio Lower Upper

65 100

67 52.5 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: VX027568.D

Acq: 19 Mar 2022 18:19

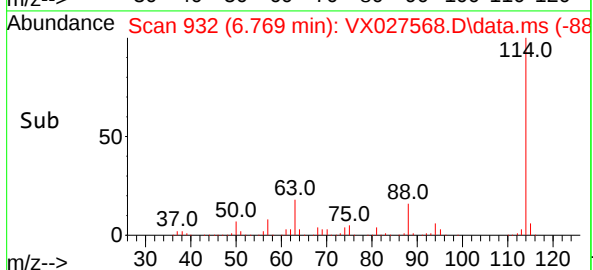
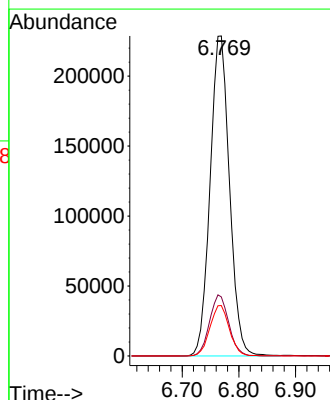
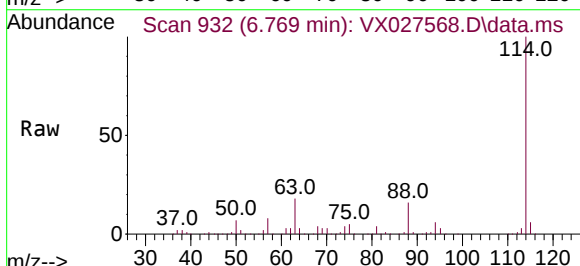
Tgt Ion: 114 Resp: 542586

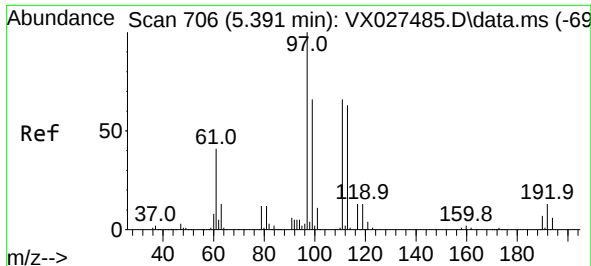
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 15.7 0.0 32.4

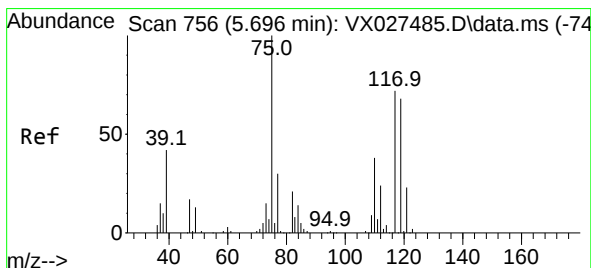
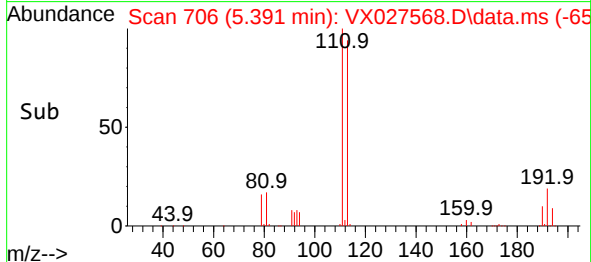
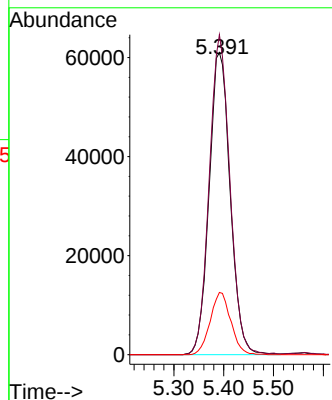
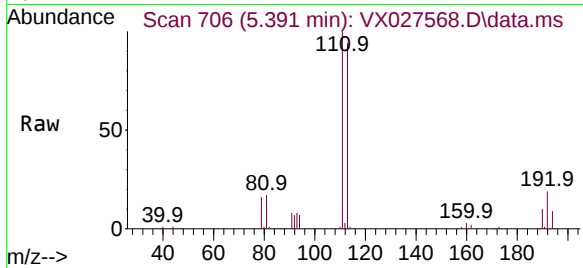




#35
Dibromofluoromethane
Concen: 51.298 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

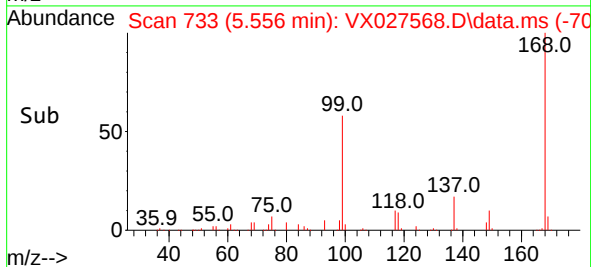
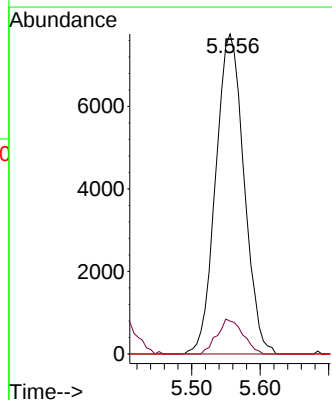
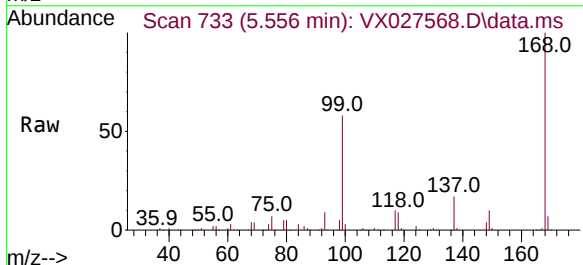
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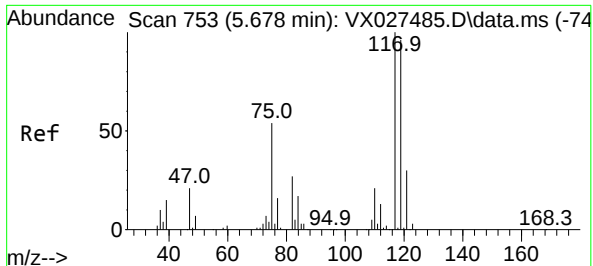
Tgt Ion:113 Resp: 179076
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

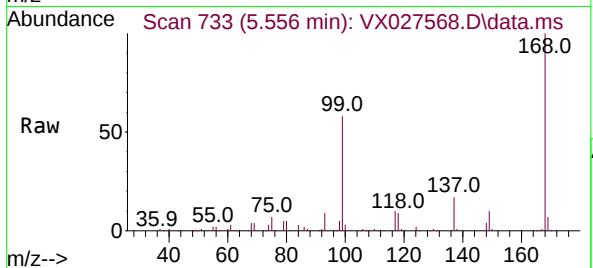
Tgt Ion: 75 Resp: 22241
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



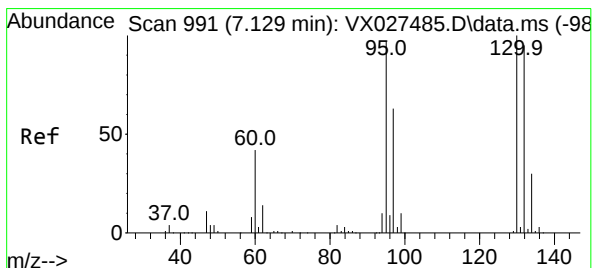
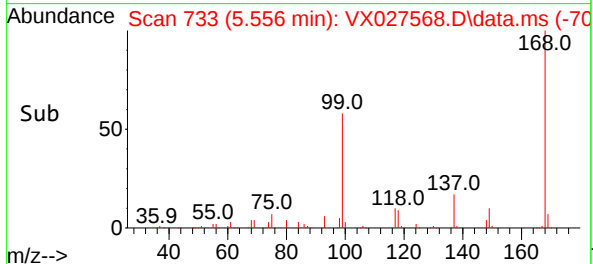
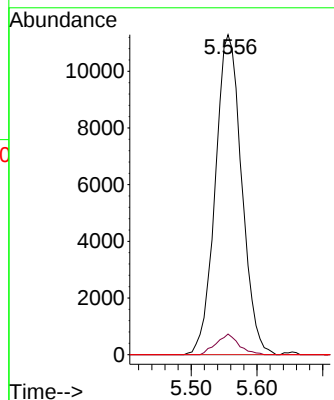


#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
RE-134D1-20220316

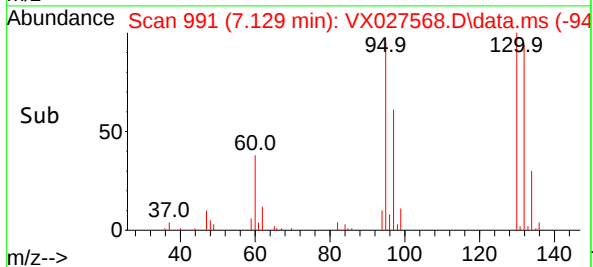
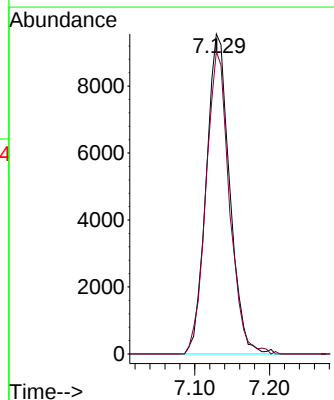
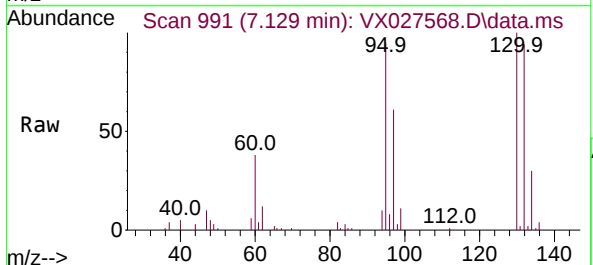


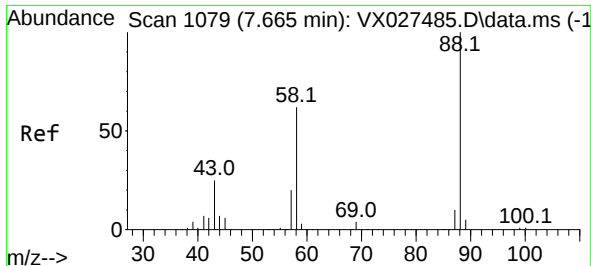
Tgt Ion:117 Resp: 31547
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 5.007 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Tgt Ion:130 Resp: 20804
Ion Ratio Lower Upper
130 100
95 94.6 0.0 188.8





#49

1,4-Dioxane

Concen: 1.316 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.025 min

Lab File: VX027568.D

Acq: 19 Mar 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

RE-134D1-20220316

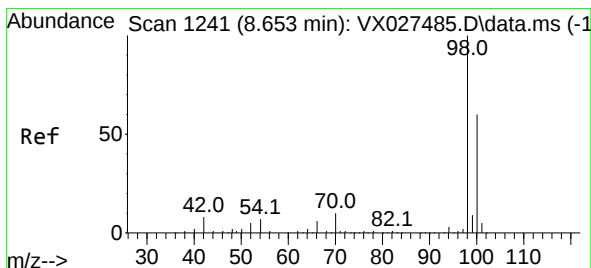
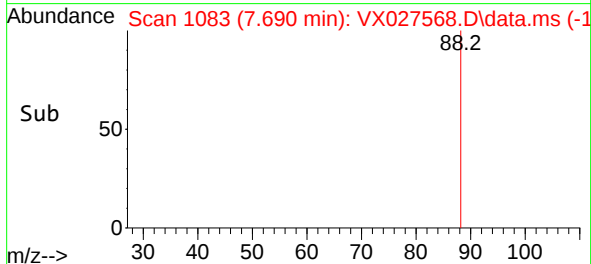
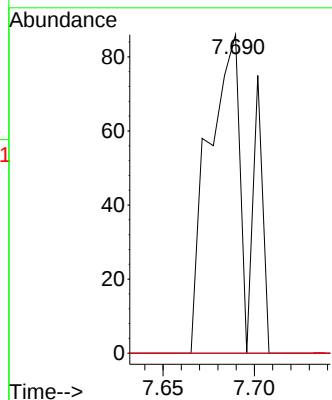
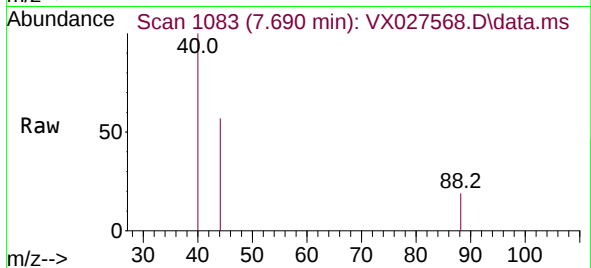
Tgt Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 49.893 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027568.D

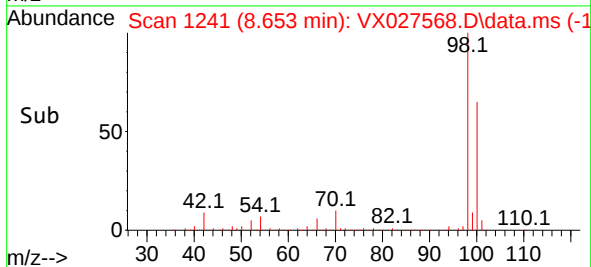
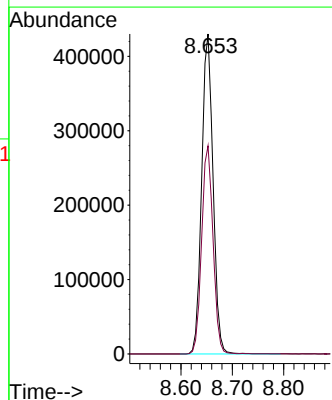
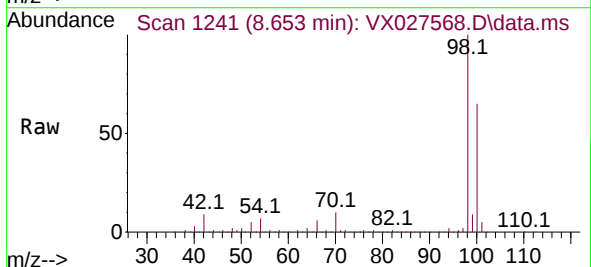
Acq: 19 Mar 2022 18:19

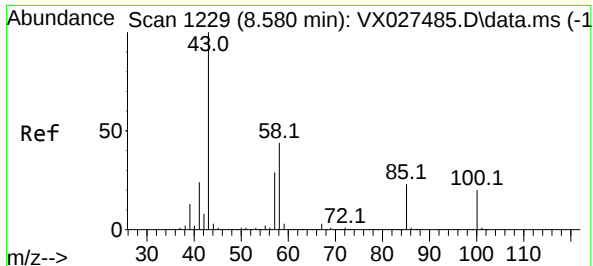
Tgt Ion: 98 Resp: 659079

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

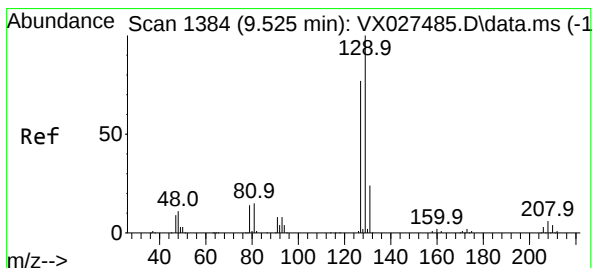
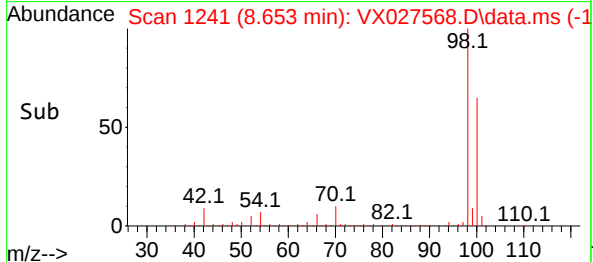
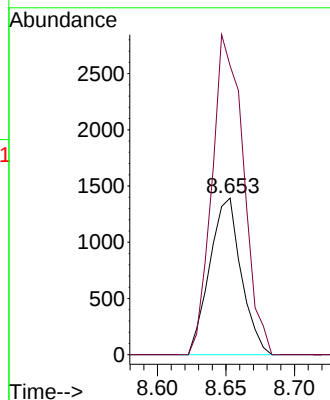
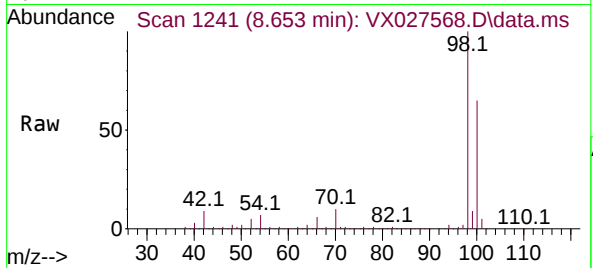




#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

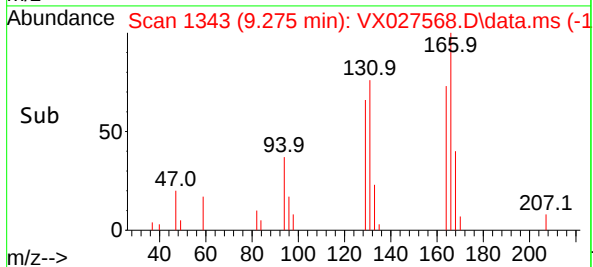
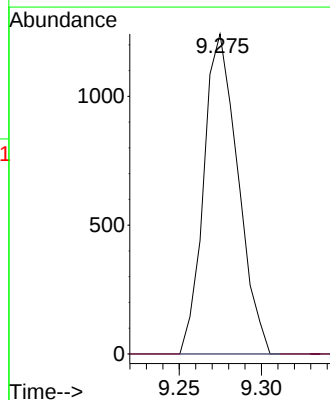
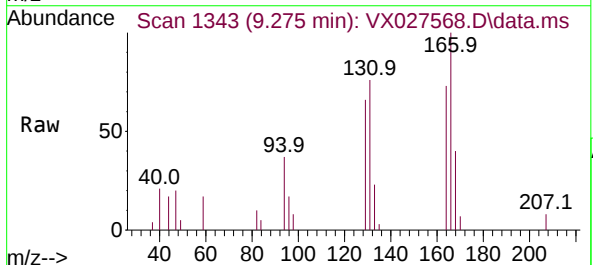
Instrument :
MSVOA_X
ClientSampleId :
RE-134D1-20220316

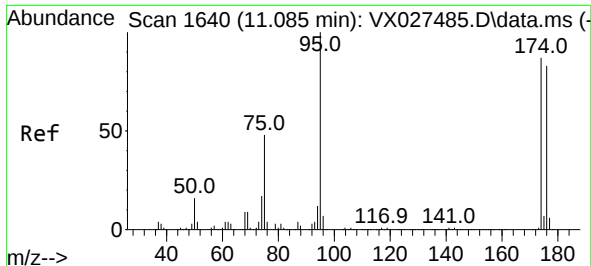
Tgt Ion: 43 Resp: 2226
Ion Ratio Lower Upper
43 100
58 203.7 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.437 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Tgt Ion: 129 Resp: 1796
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 45.631 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027568.D

Acq: 19 Mar 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

RE-134D1-20220316

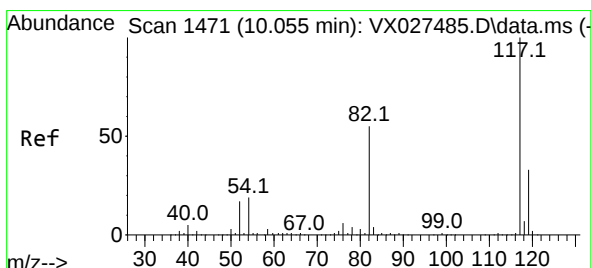
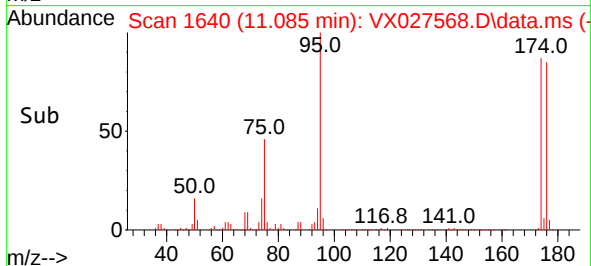
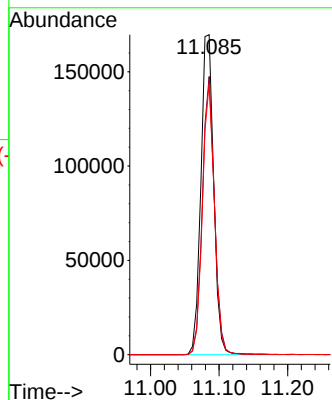
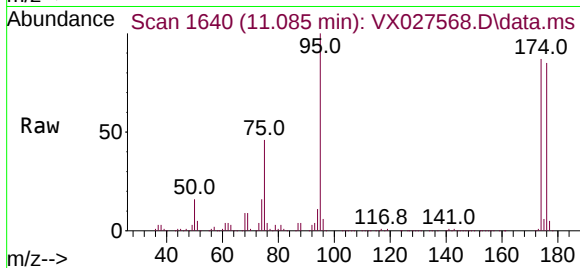
Tgt Ion: 95 Resp: 221558

Ion Ratio Lower Upper

95 100

174 82.0 0.0 163.0

176 79.6 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: VX027568.D

Acq: 19 Mar 2022 18:19

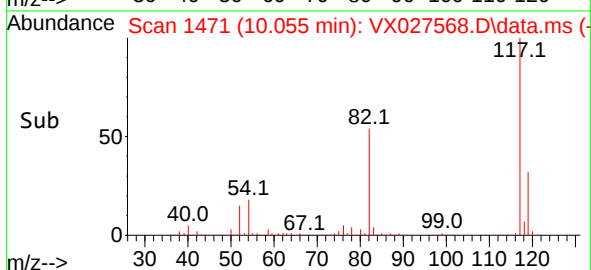
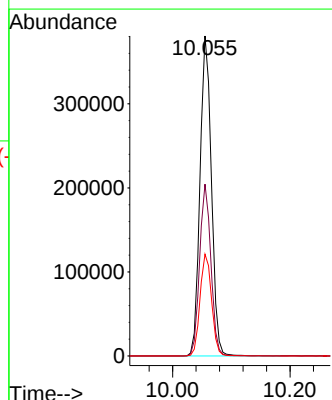
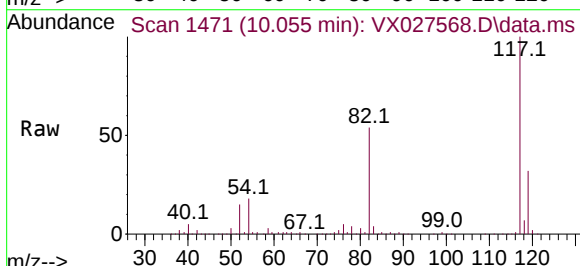
Tgt Ion: 117 Resp: 511404

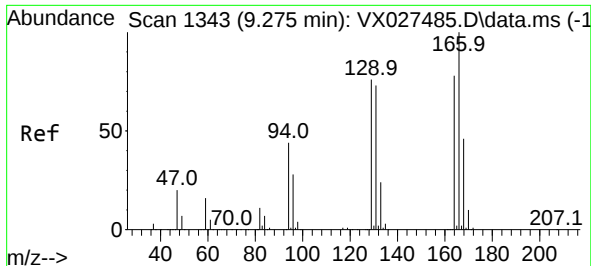
Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.8

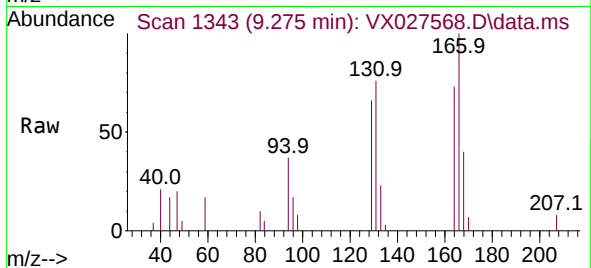
119 31.8 24.8 37.2





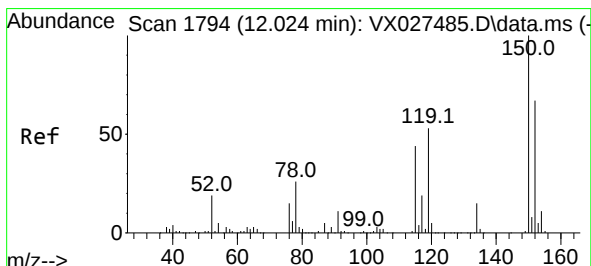
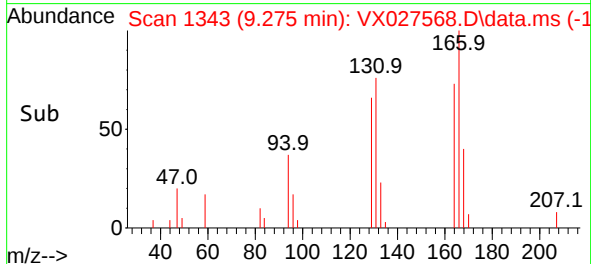
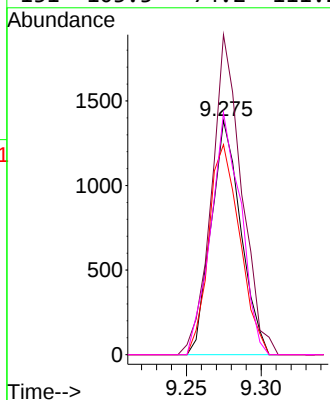
#64
 Tetrachloroethene
 Concen: 0.480 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027568.D
 Acq: 19 Mar 2022 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D1-20220316



Tgt Ion:164 Resp: 1909

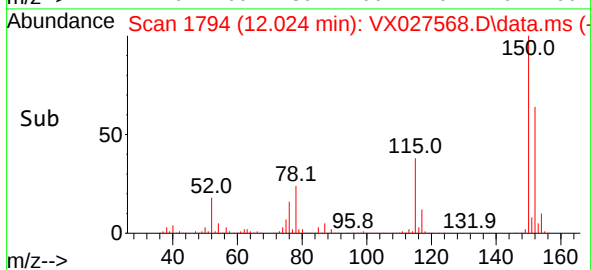
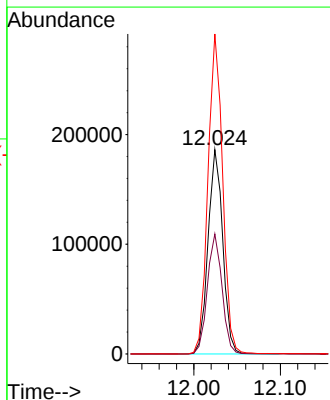
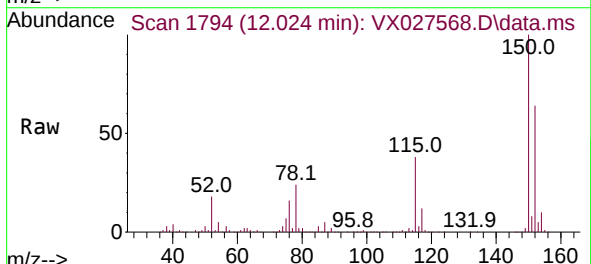
Ion	Ratio	Lower	Upper
164	100		
166	136.7	101.2	151.8
129	89.7	73.0	109.4
131	103.3	74.2	111.2

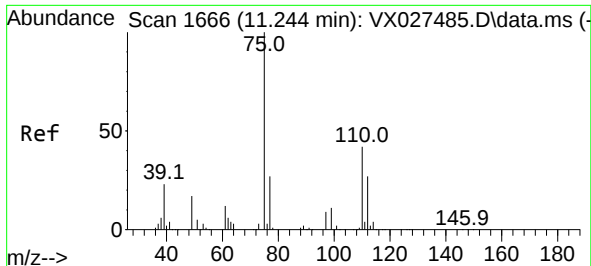


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX027568.D
 Acq: 19 Mar 2022 18:19

Tgt Ion:152 Resp: 219719

Ion	Ratio	Lower	Upper
152	100		
115	58.7	37.5	112.7
150	156.2	0.0	338.2

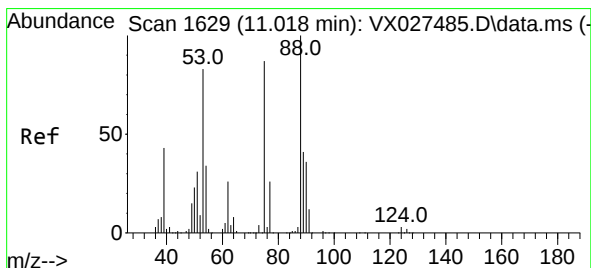
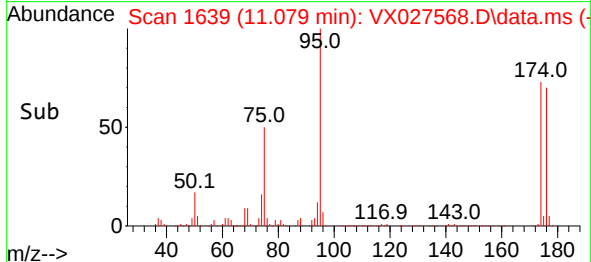
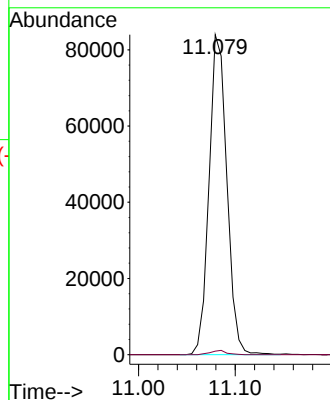
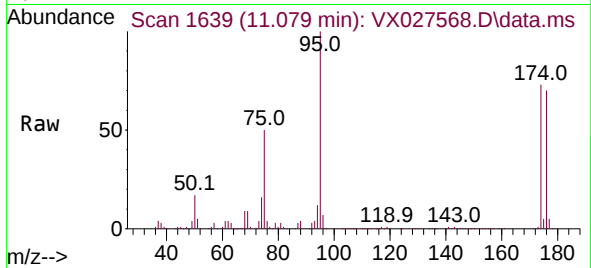




#76
1,2,3-Trichloropropane
Concen: 23.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
RE-134D1-20220316

Tgt Ion: 75 Resp: 107635
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.129 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027568.D
Acq: 19 Mar 2022 18:19

Tgt Ion: 75 Resp: 107635
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

