

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032986.D
 Acq On : 22 Nov 2022 18:23
 Operator : JC/MD
 Sample : N5672-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20221116DL

Quant Time: Nov 23 05:50:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

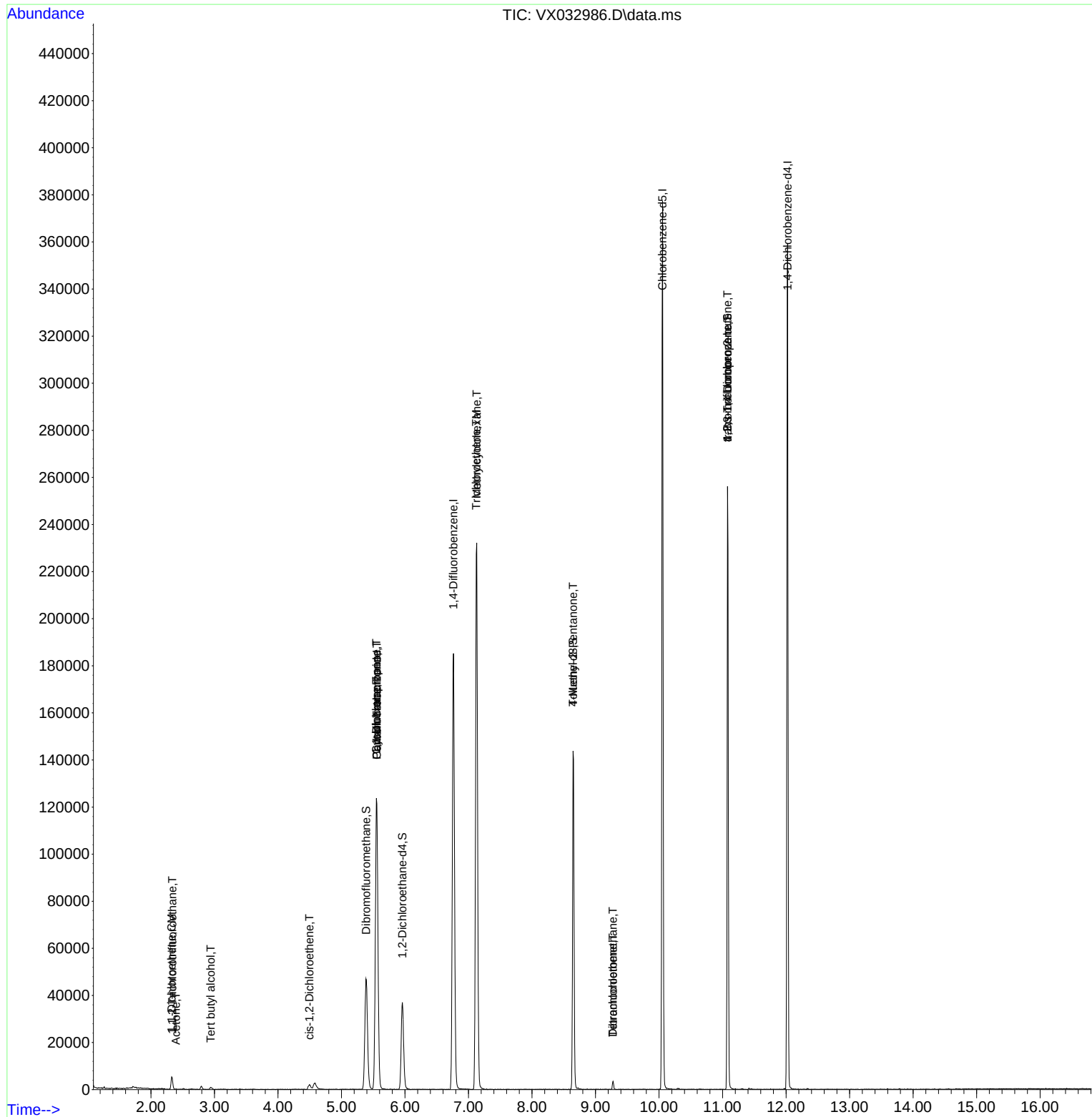
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	115413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38102	32.702	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	65.400%#	
35) Dibromofluoromethane	5.385	113	41173	38.757	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	77.520%	
50) Toluene-d8	8.647	98	86011	25.868	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	51.740%#	
62) 4-Bromofluorobenzene	11.079	95	63665	45.622	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.240%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	1501	1.388	ug/l	93
11) Tert butyl alcohol	2.940	59	597	3.351	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	897	0.891	ug/l	82
16) Acetone	2.392	43	148	0.282	ug/l #	45
20) Methylene Chloride	2.794	84	647	Below Cal	#	83
27) cis-1,2-Dichloroethene	4.495	96	1476	1.128	ug/l	91
31) Cyclohexane	5.550	56	2458	1.350	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9396	5.532	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12323	6.540	ug/l #	16
39) Methylcyclohexane	7.129	83	1028	0.530	ug/l #	1
44) Trichloroethene	7.123	130	89209	66.753	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	405	0.268	ug/l #	1
60) Dibromochloromethane	9.275	129	769	0.560	ug/l #	11
64) Tetrachloroethene	9.275	164	687	0.585	ug/l #	78
76) 1,2,3-Trichloropropane	11.079	75	34995	24.670	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34995	80.190	ug/l #	6

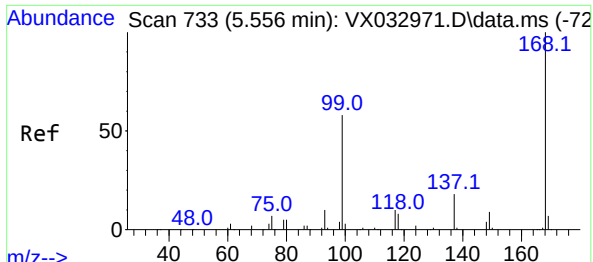
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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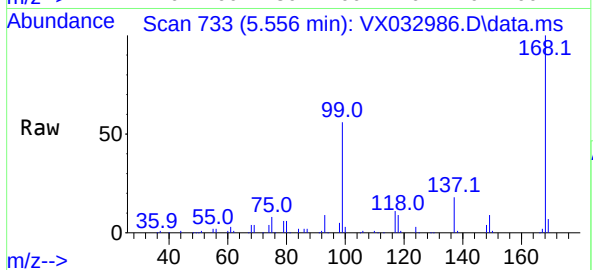
Quant Time: Nov 23 05:50:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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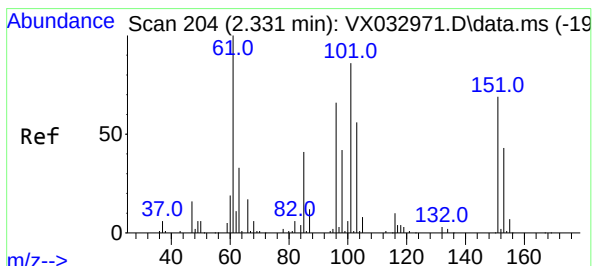
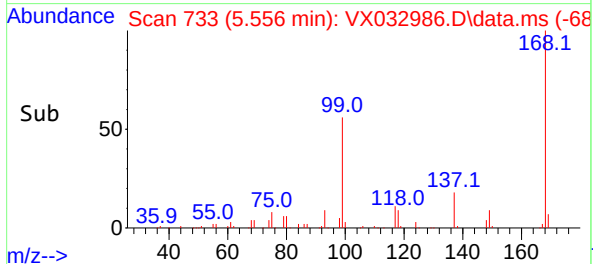
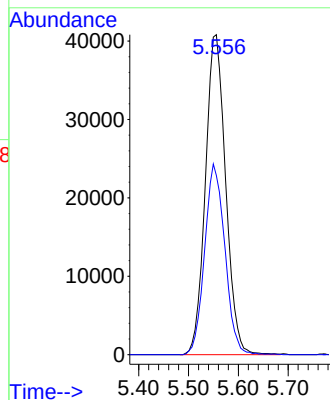


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

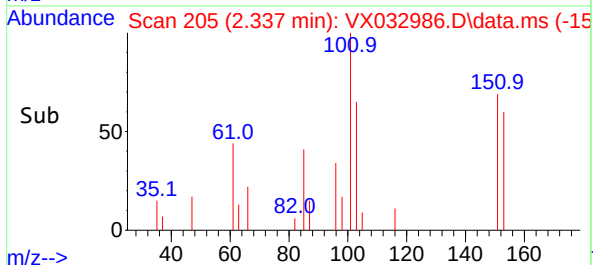
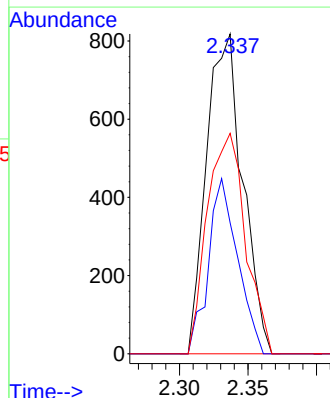
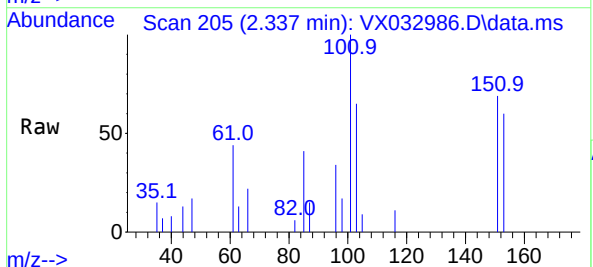


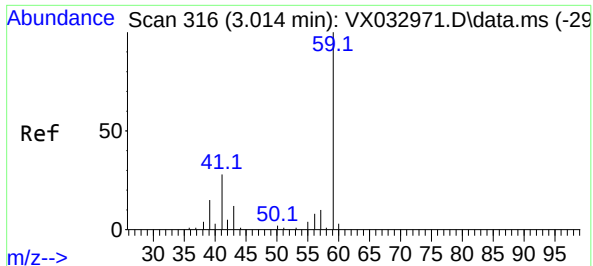
Tgt Ion:168 Resp: 115413
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.388 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion:101 Resp: 1501
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.4
151 72.8 64.4 96.6





#11

Tert butyl alcohol

Concen: 3.351 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.025 min

Lab File: VX032986.D

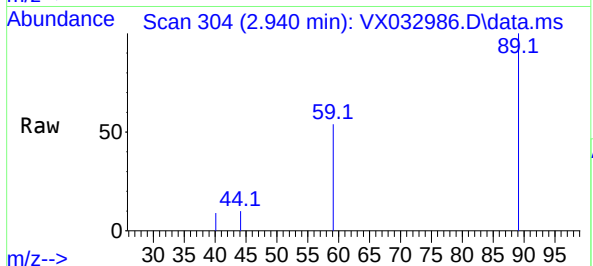
Acq: 22 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20221116DL

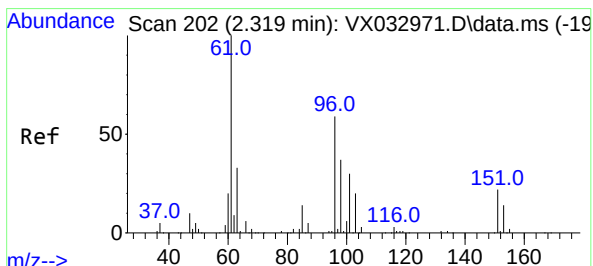
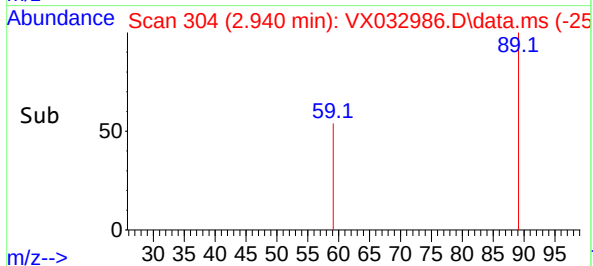
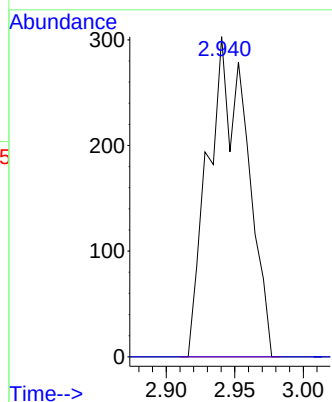


Tgt Ion: 59 Resp: 597

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.891 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX032986.D

Acq: 22 Nov 2022 18:23

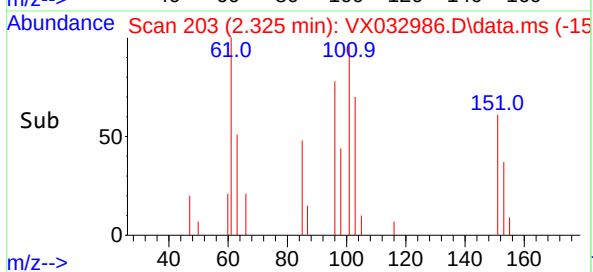
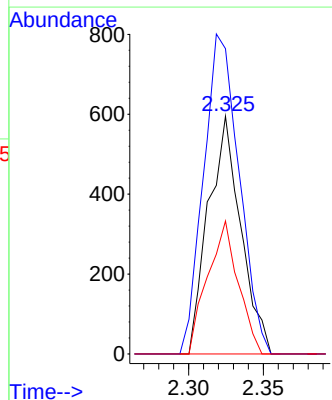
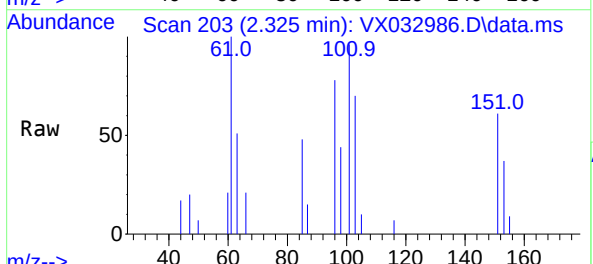
Tgt Ion: 96 Resp: 897

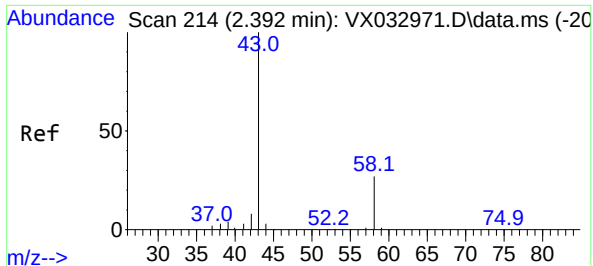
Ion Ratio Lower Upper

96 100

61 128.4 125.1 187.7

98 56.0 50.6 76.0

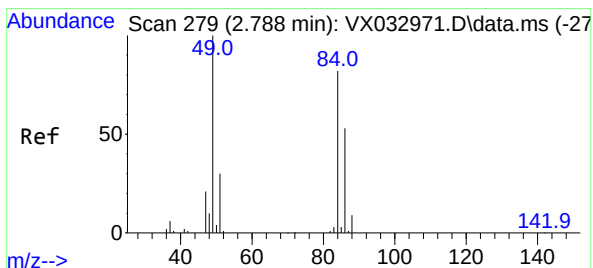
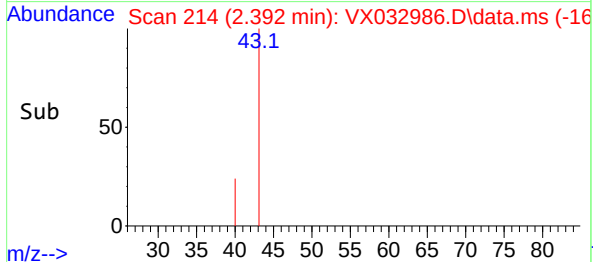
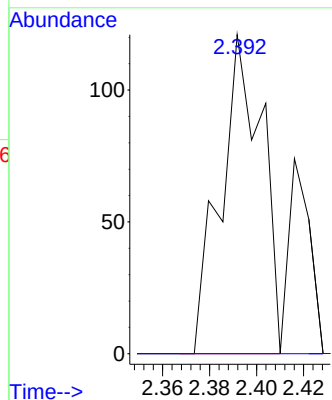
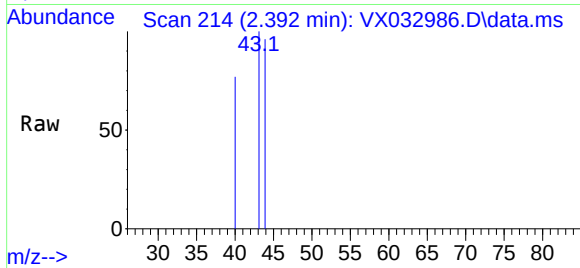




#16
Acetone
Concen: 0.282 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

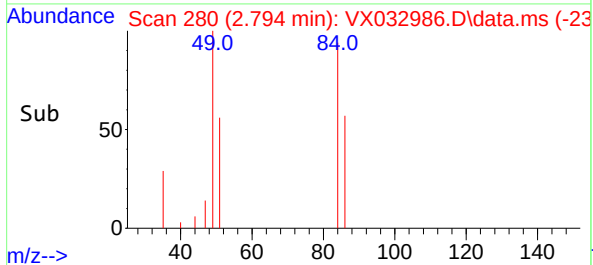
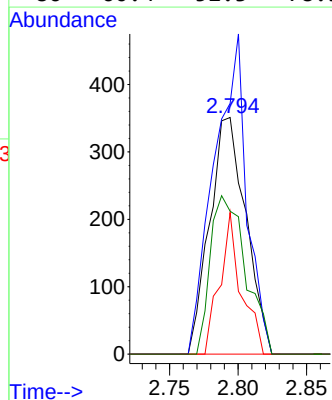
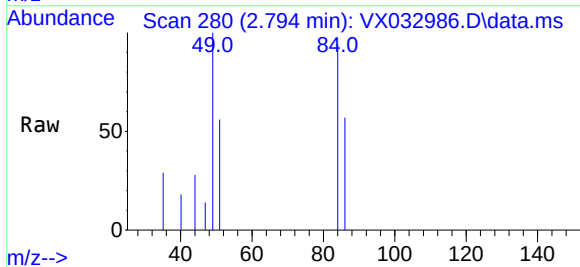
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

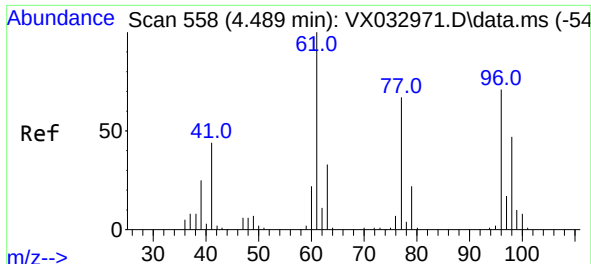
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 84 Resp: 647
Ion Ratio Lower Upper
84 100
49 106.0 101.0 151.6
51 59.8 31.1 46.7#
86 60.4 52.3 78.5

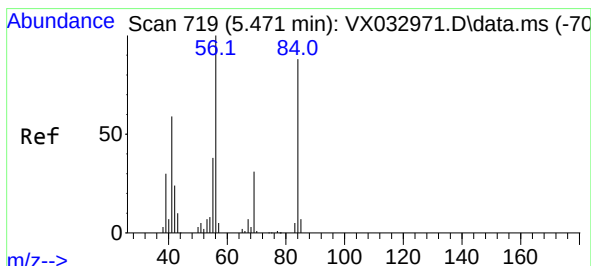
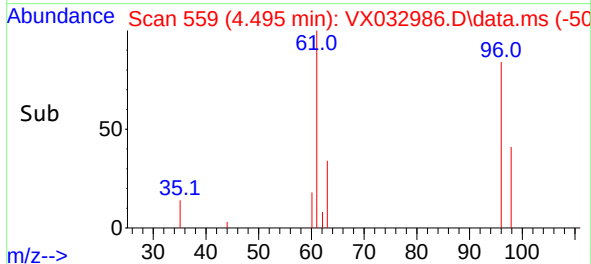
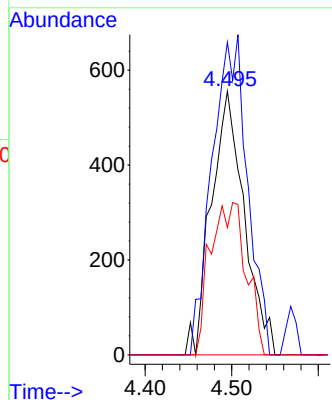
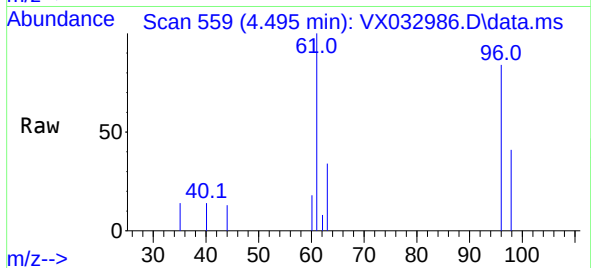




#27
cis-1,2-Dichloroethene
Concen: 1.128 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

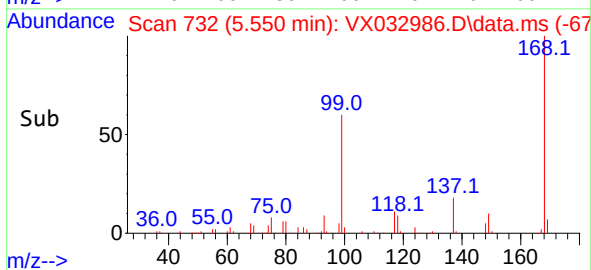
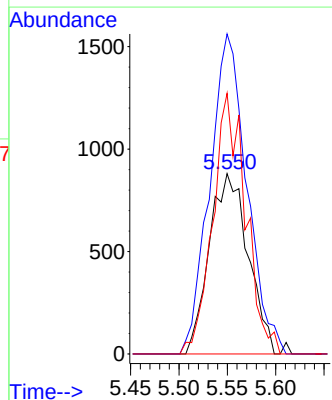
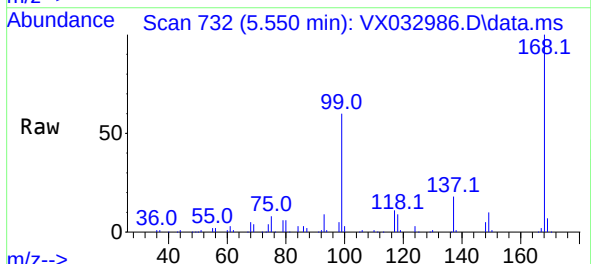
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

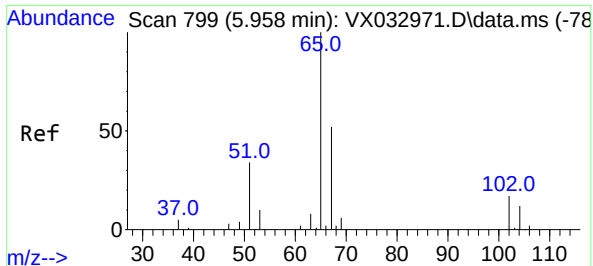
Tgt Ion: 96 Resp: 1476
Ion Ratio Lower Upper
96 100
61 129.2 0.0 286.0
98 62.6 0.0 129.6



#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 56 Resp: 2458
Ion Ratio Lower Upper
56 100
69 177.5 24.1 36.1#
84 144.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 32.702 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032986.D

Acq: 22 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

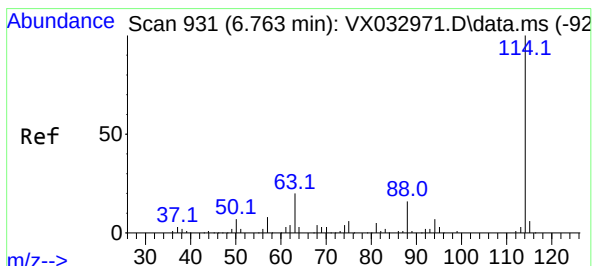
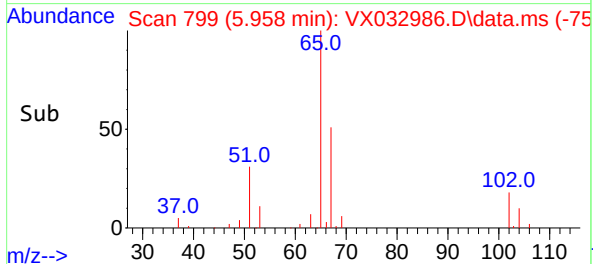
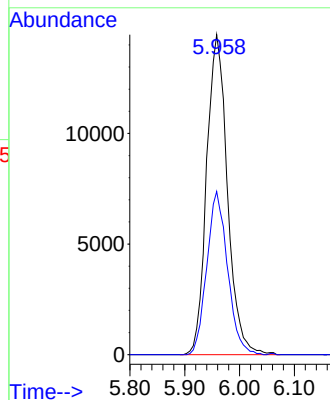
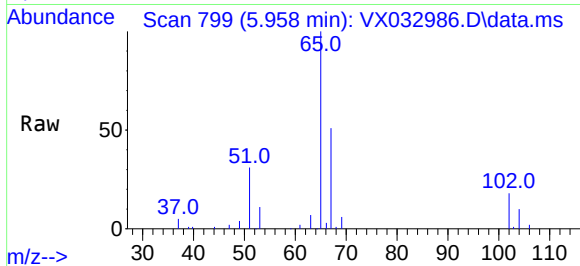
RE120D1-20221116DL

Tgt Ion: 65 Resp: 38102

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032986.D

Acq: 22 Nov 2022 18:23

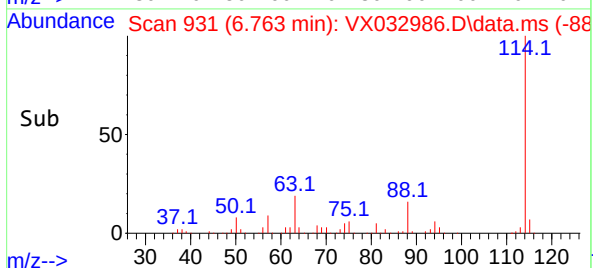
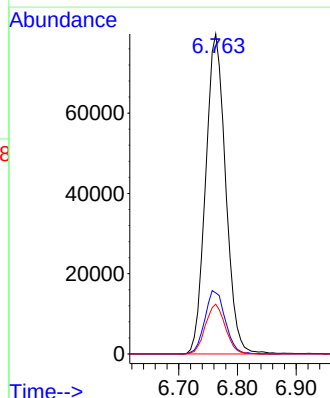
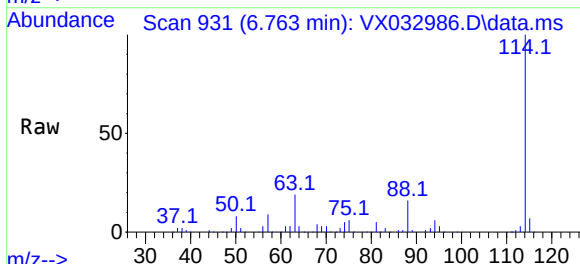
Tgt Ion: 114 Resp: 188435

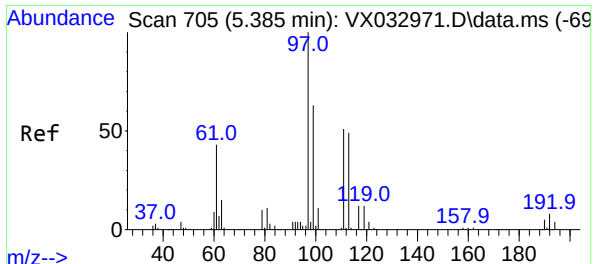
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.6 0.0 33.4

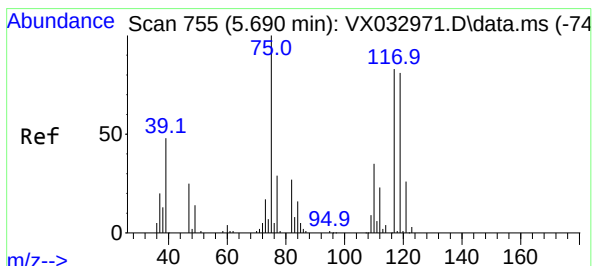
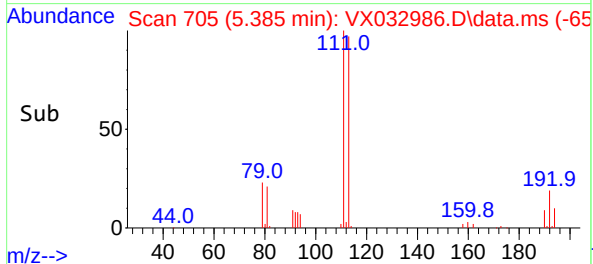
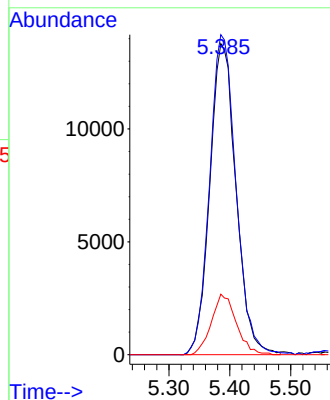
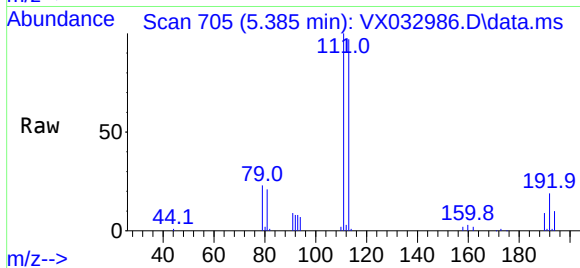




#35
Dibromofluoromethane
Concen: 38.757 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

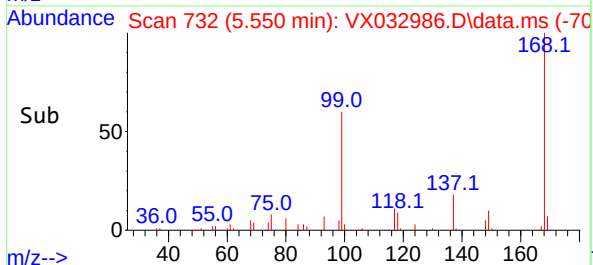
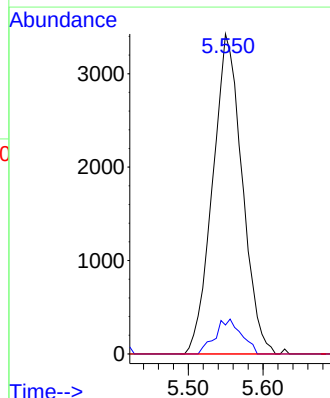
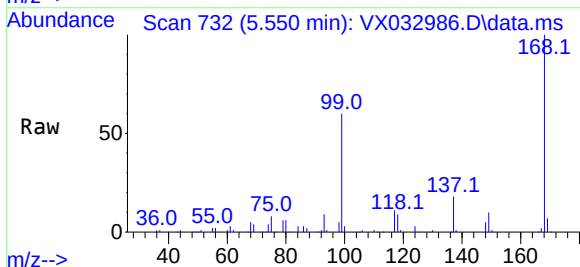
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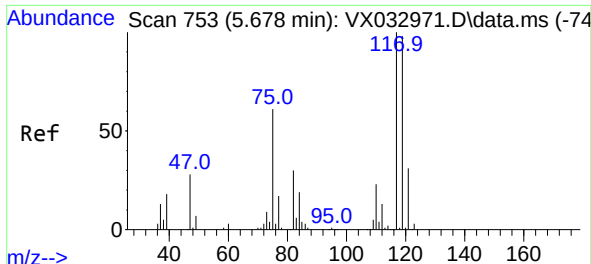
Tgt Ion:113 Resp: 41173
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.532 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

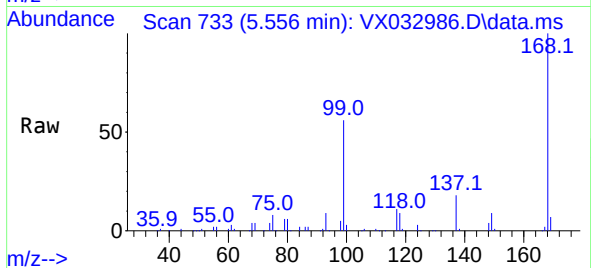
Tgt Ion: 75 Resp: 9396
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



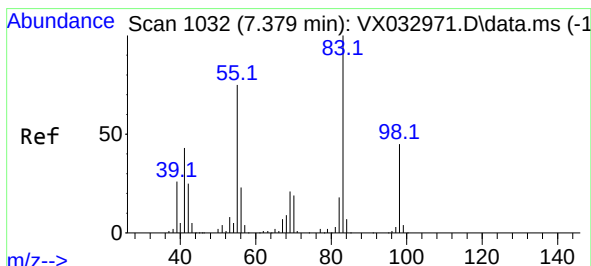
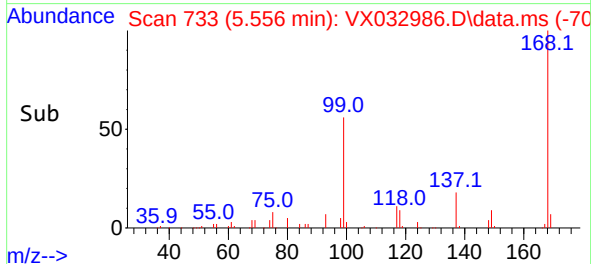
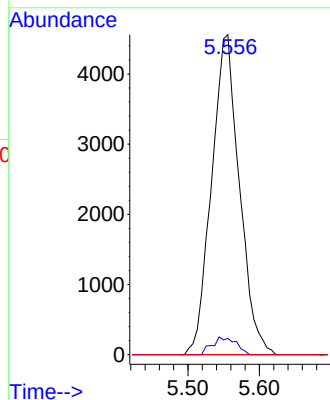


#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

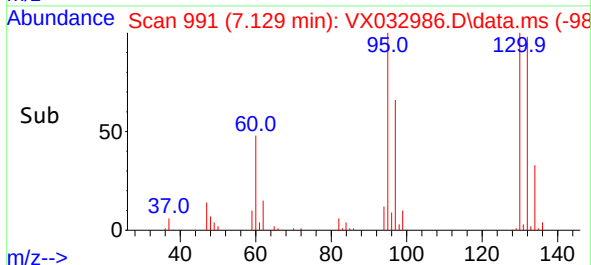
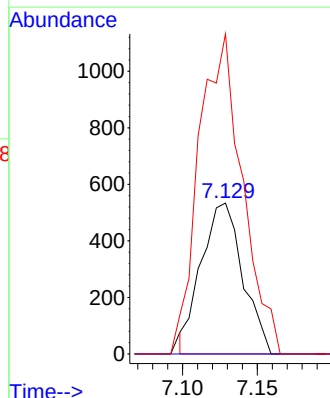
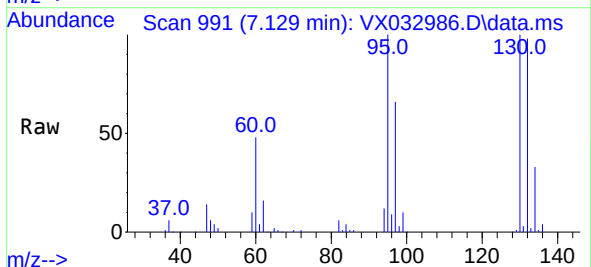


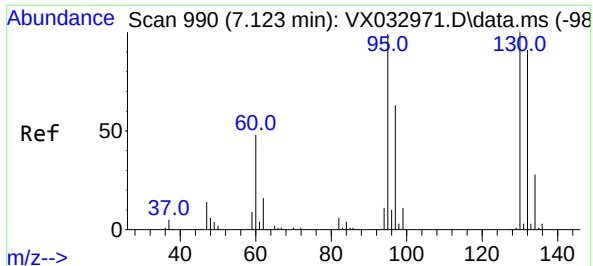
Tgt Ion:117 Resp: 12323
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.530 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 83 Resp: 1028
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 212.0 37.2 55.8#

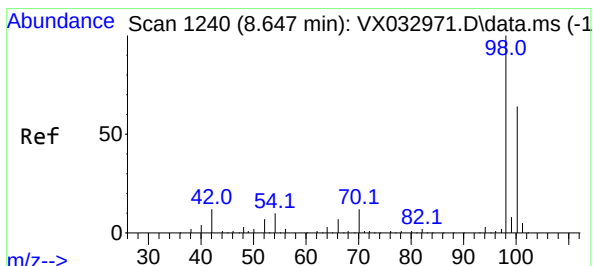
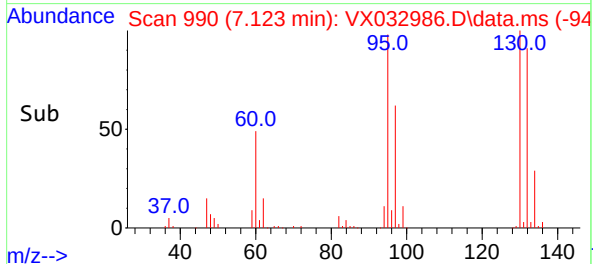
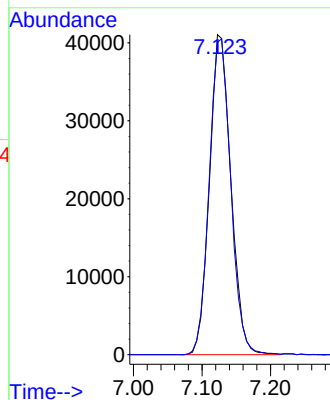
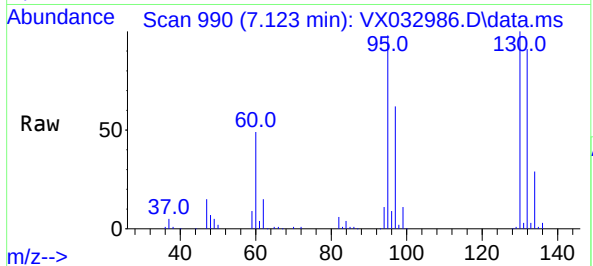




#44
Trichloroethene
Concen: 66.753 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

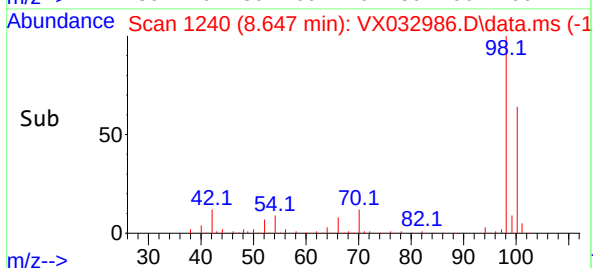
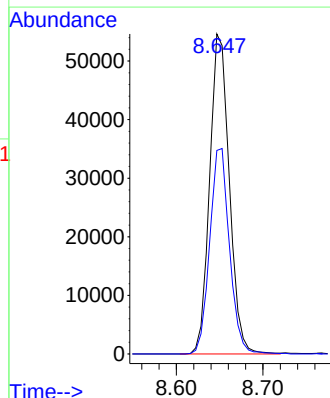
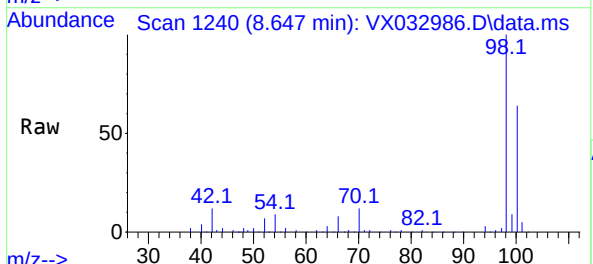
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

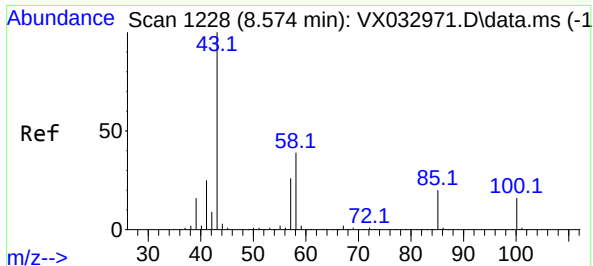
Tgt Ion:130 Resp: 89209
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.2



#50
Toluene-d8
Concen: 25.868 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 98 Resp: 86011
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

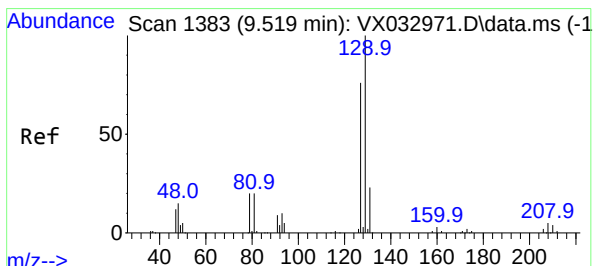
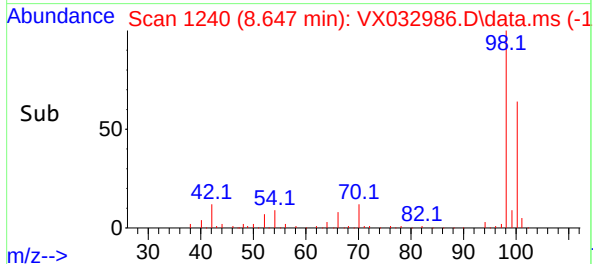
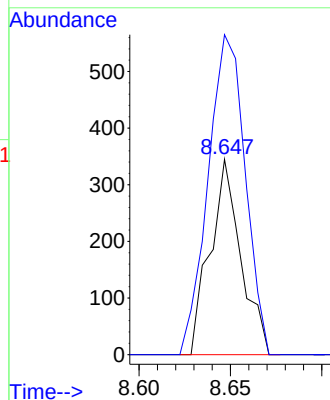
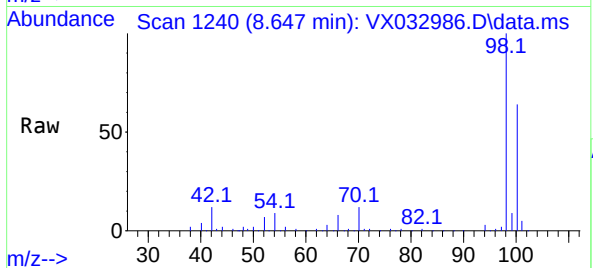




#51
4-Methyl-2-Pentanone
Concen: 0.268 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

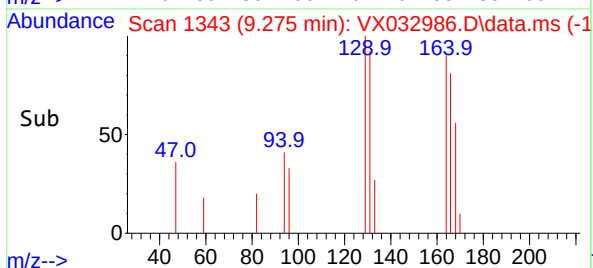
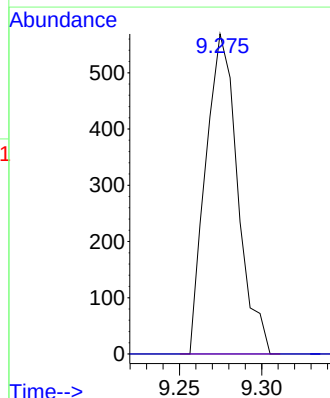
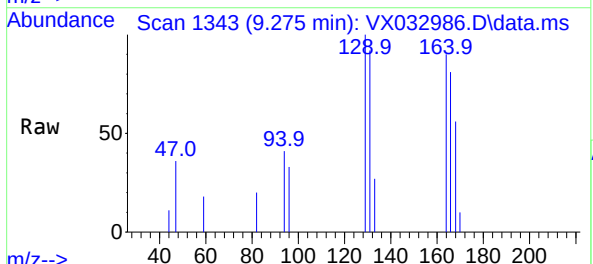
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

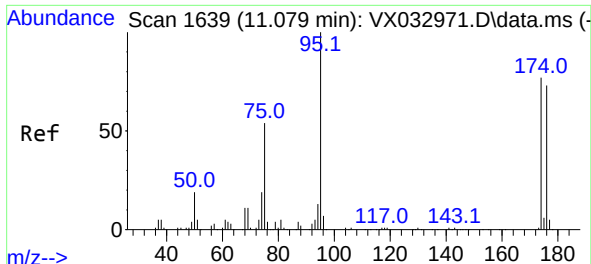
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 197.3 30.9 46.3#



#60
Dibromochloromethane
Concen: 0.560 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 129 Resp: 769
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

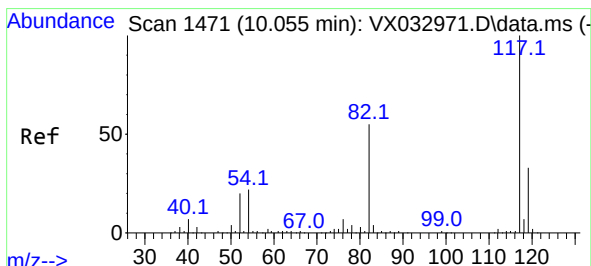
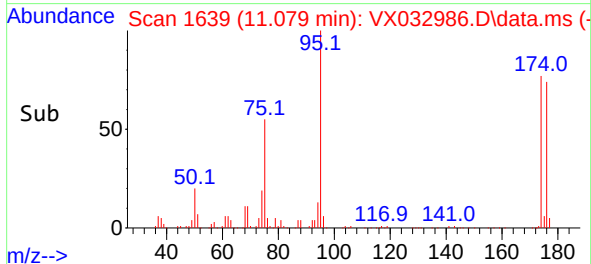
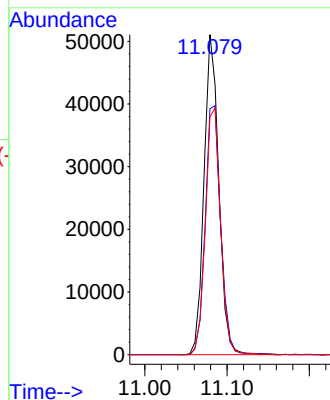
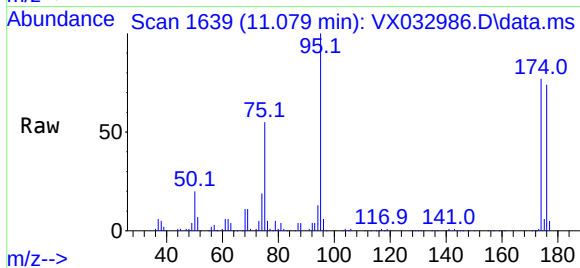




#62
4-Bromofluorobenzene
Concen: 45.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

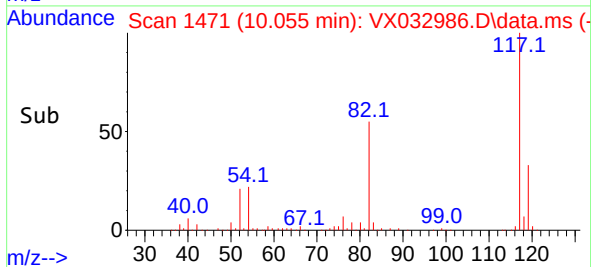
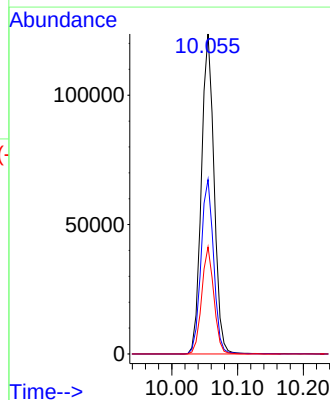
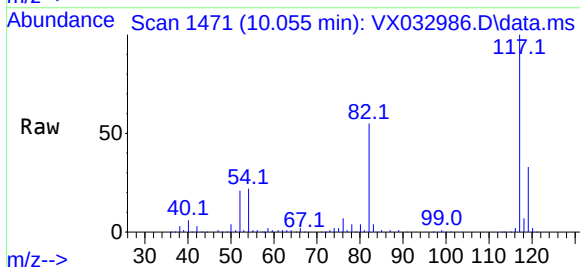
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

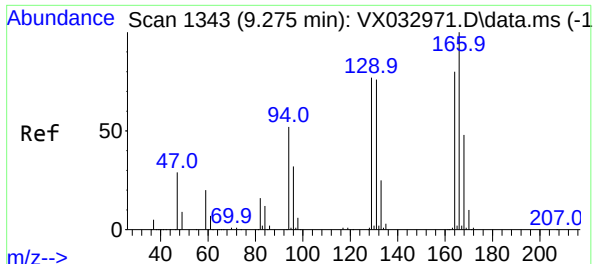
Tgt Ion: 95 Resp: 63665
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 117 Resp: 165927
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 33.4 25.7 38.5

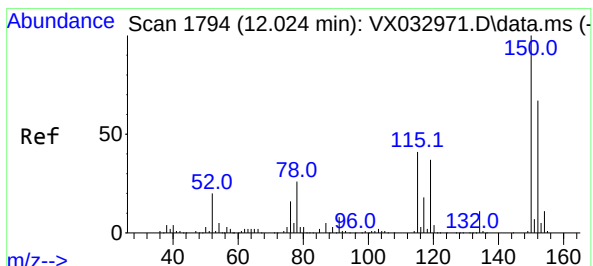
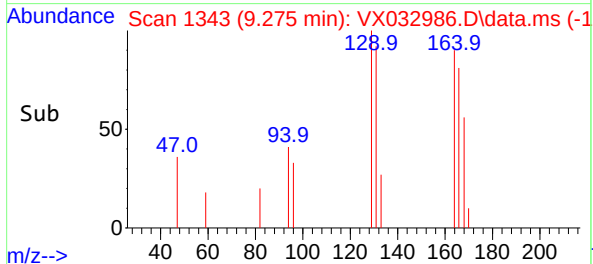
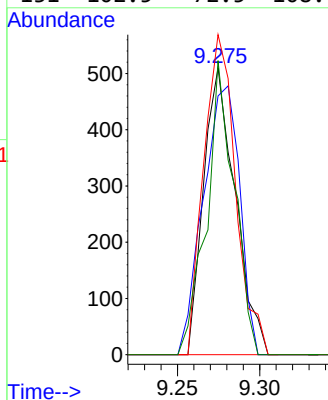
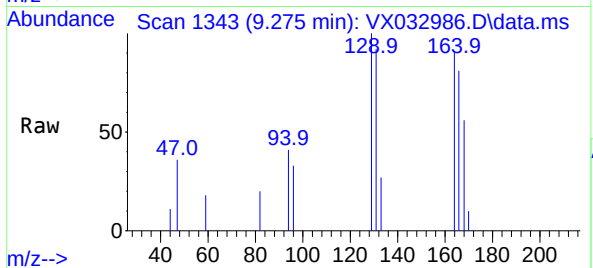




#64
Tetrachloroethene
Concen: 0.585 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

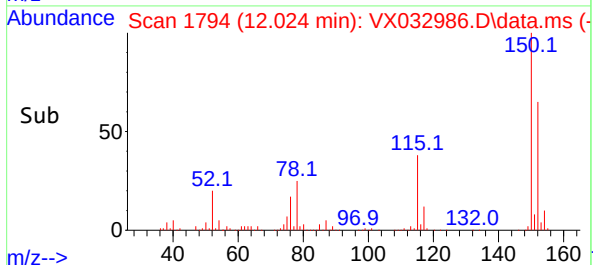
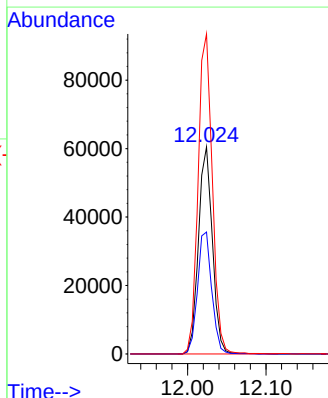
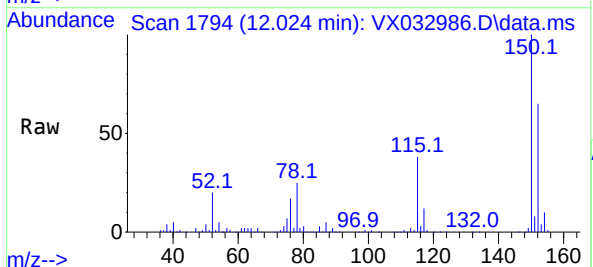
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

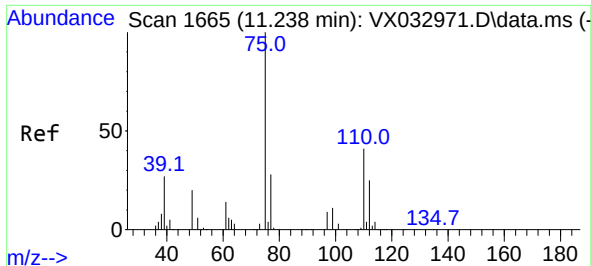
Tgt Ion:164 Resp: 687
Ion Ratio Lower Upper
164 100
166 90.2 105.4 158.2#
129 111.6 78.2 117.2
131 102.5 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion:152 Resp: 74901
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 157.2 0.0 351.8

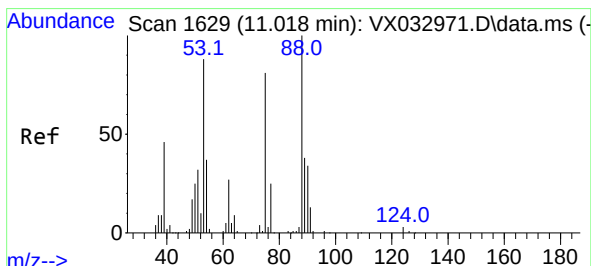
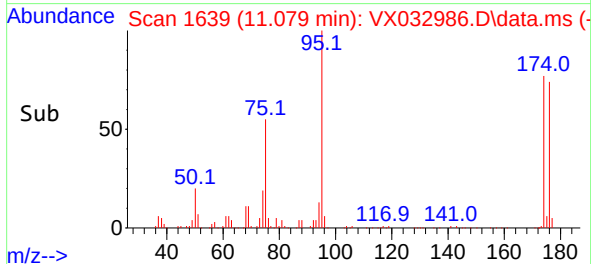
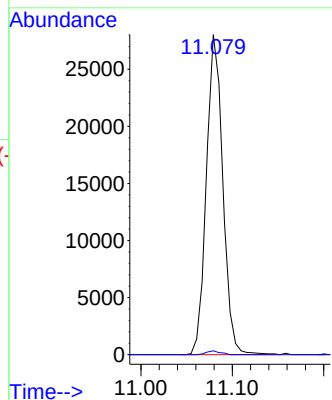
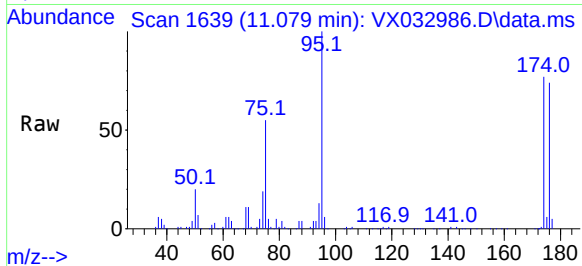




#76
1,2,3-Trichloropropane
Concen: 24.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116DL

Tgt Ion: 75 Resp: 34995
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032986.D
Acq: 22 Nov 2022 18:23

Tgt Ion: 75 Resp: 34995
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

