

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032989.D
 Acq On : 22 Nov 2022 19:32
 Operator : JC/MD
 Sample : N5729-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20221117DL

Quant Time: Nov 23 05:50:32 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)

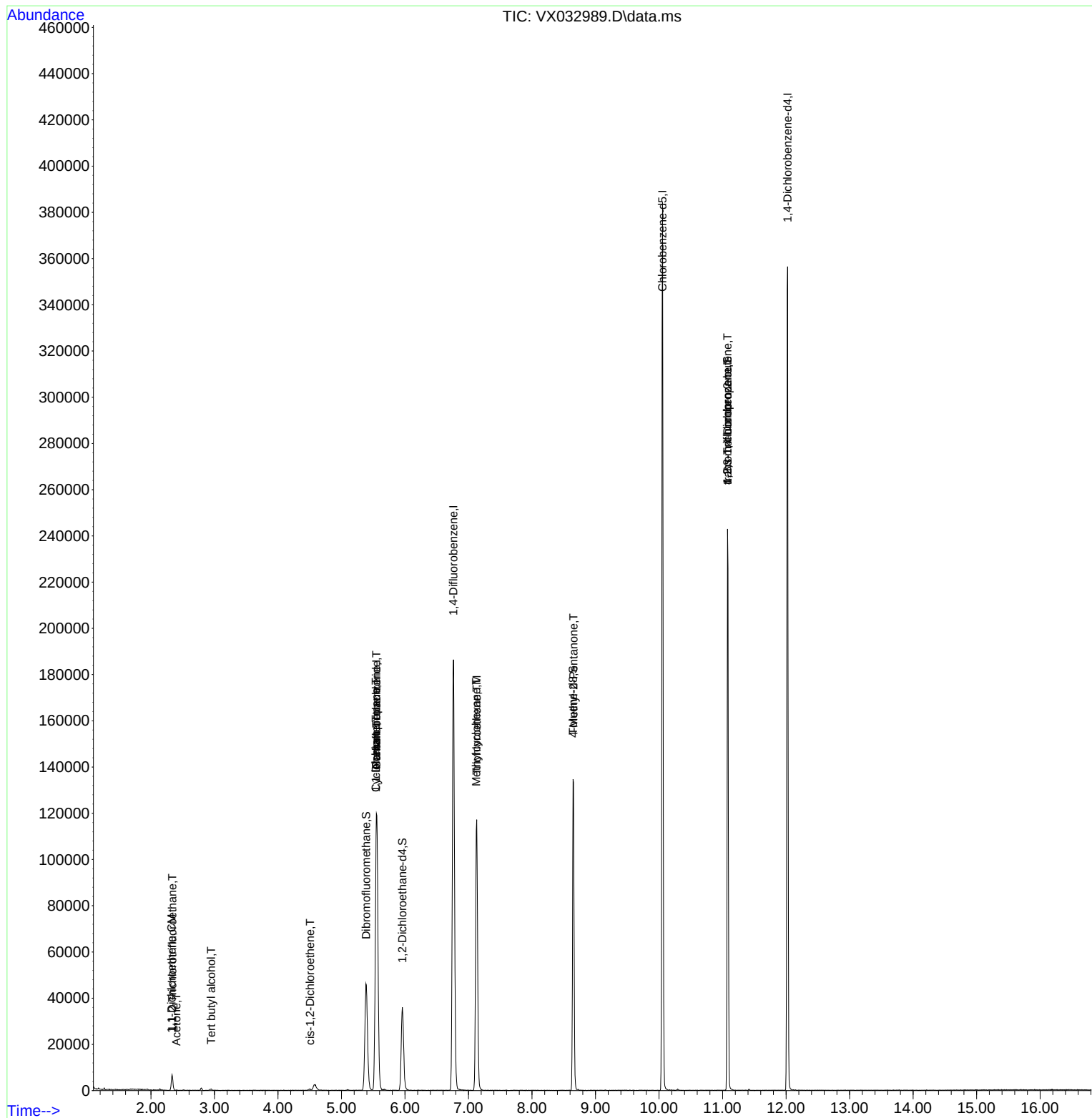
Internal Standards						
1) Pentafluorobenzene	5.550	168	116108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36799	31.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	62.520%#
35) Dibromofluoromethane	5.385	113	40260	37.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	75.460%
50) Toluene-d8	8.647	98	83593	24.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	49.920%#
62) 4-Bromofluorobenzene	11.079	95	62003	44.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.460%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	2410	2.216	ug/l	95
11) Tert butyl alcohol	2.946	59	334	1.863	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	376	0.371	ug/l	94
16) Acetone	2.398	43	162	0.307	ug/l #	45
20) Methylene Chloride	2.794	84	440	Below Cal	#	83
27) cis-1,2-Dichloroethene	4.507	96	411	0.312	ug/l	80
31) Cyclohexane	5.544	56	2582	1.409	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	9043	5.300	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12181	6.435	ug/l #	16
39) Methylcyclohexane	7.123	83	501	0.257	ug/l #	1
44) Trichloroethene	7.129	130	45434	33.846	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	364	0.240	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33337	23.442	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33337	76.196	ug/l #	6

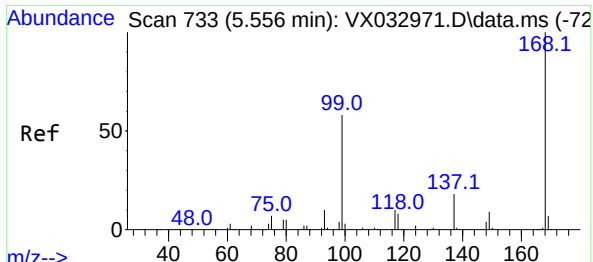
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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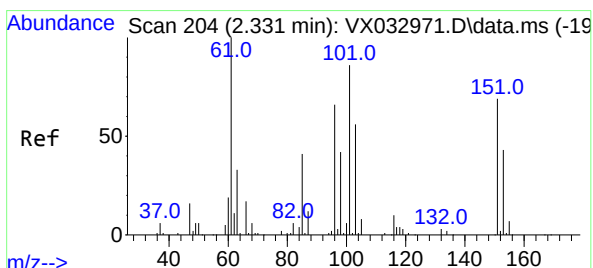
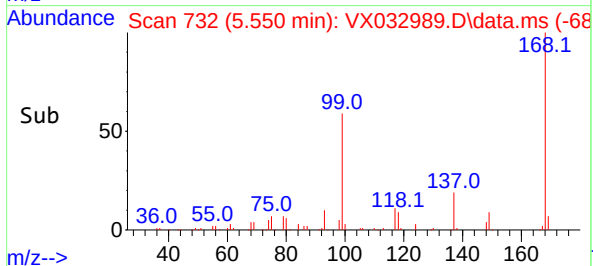
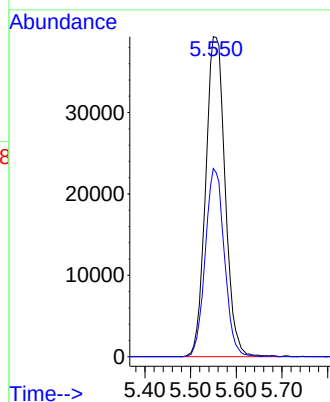
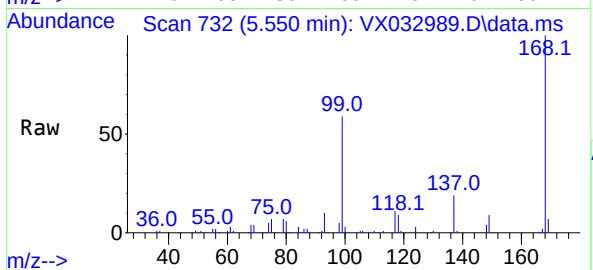




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

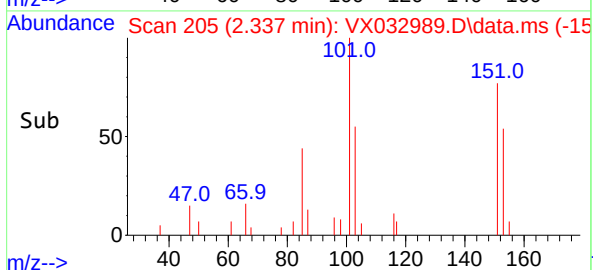
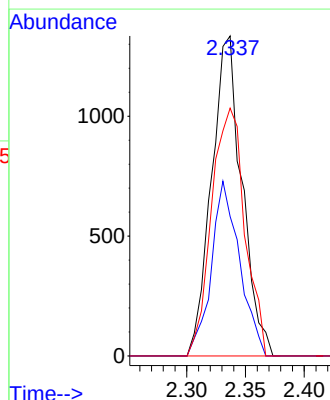
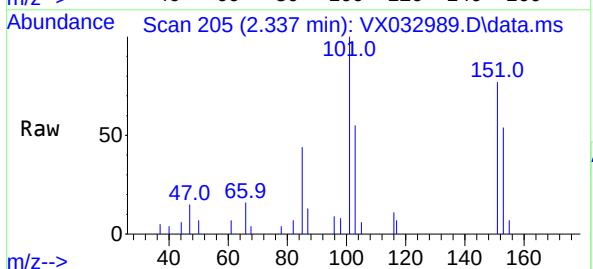
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

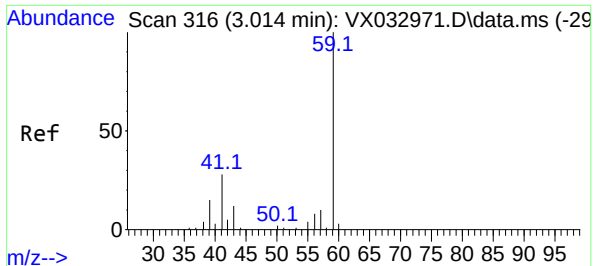
Tgt Ion:168 Resp: 116108
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.216 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion:101 Resp: 2410
Ion Ratio Lower Upper
101 100
85 50.5 37.0 55.4
151 84.5 64.4 96.6





#11

Tert butyl alcohol

Concen: 1.863 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.019 min

Lab File: VX032989.D

Acq: 22 Nov 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

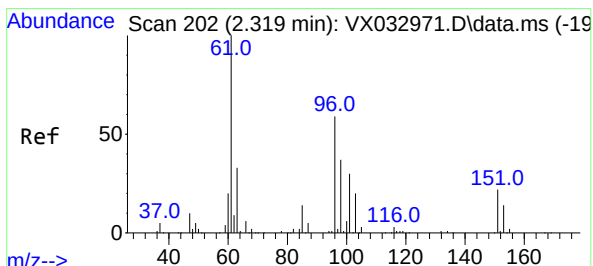
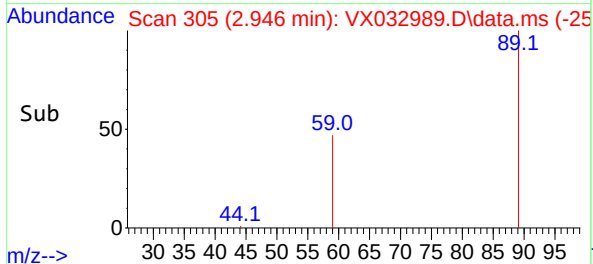
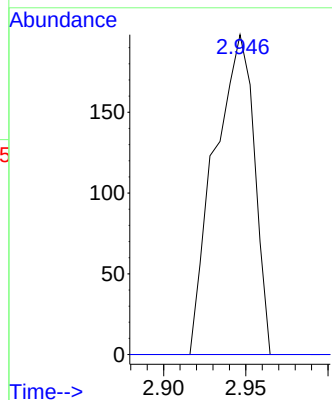
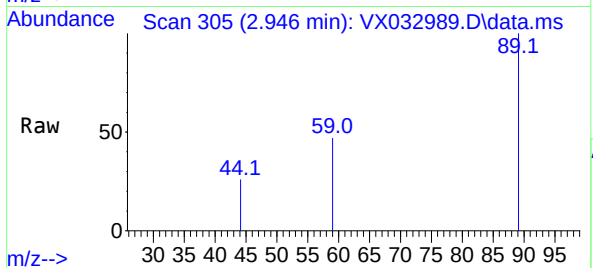
RE114D1-20221117DL

Tgt Ion: 59 Resp: 334

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.371 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX032989.D

Acq: 22 Nov 2022 19:32

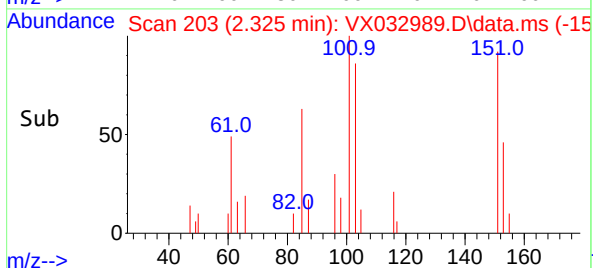
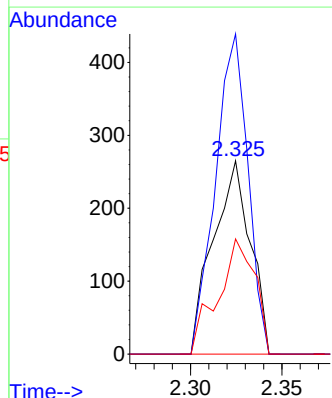
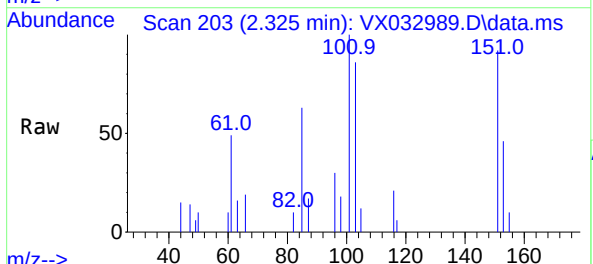
Tgt Ion: 96 Resp: 376

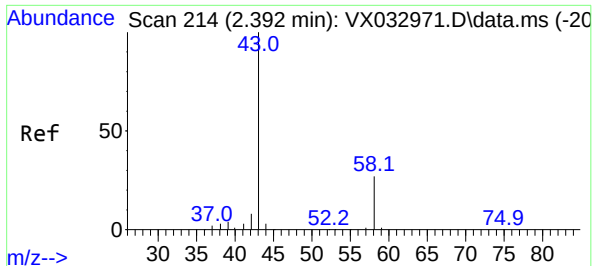
Ion Ratio Lower Upper

96 100

61 165.7 125.1 187.7

98 59.6 50.6 76.0

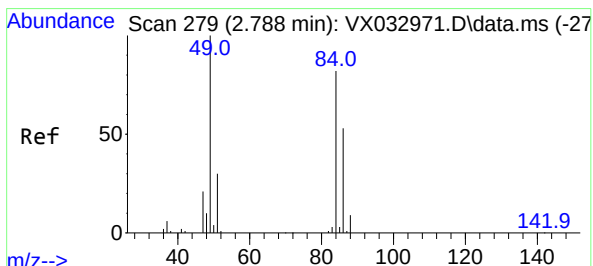
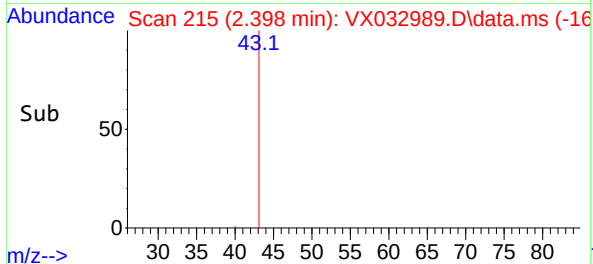
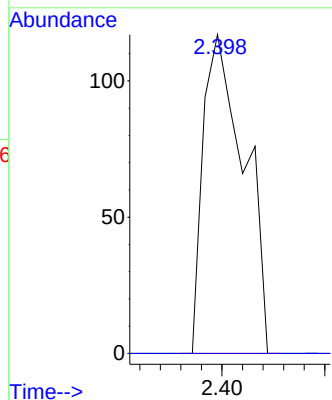
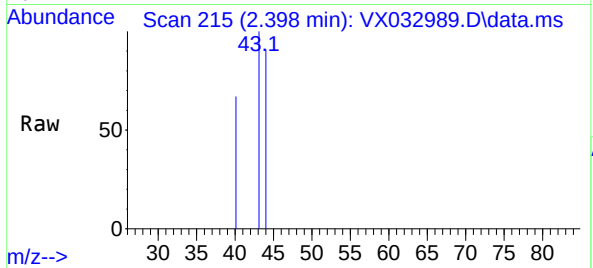




#16
Acetone
Concen: 0.307 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

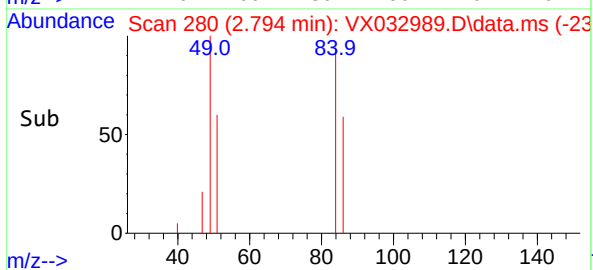
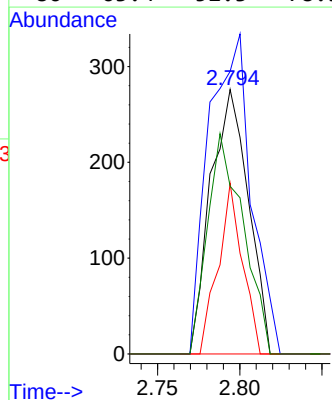
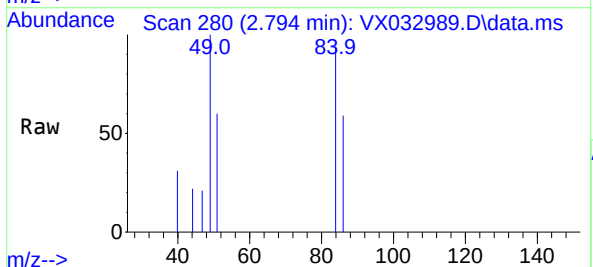
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

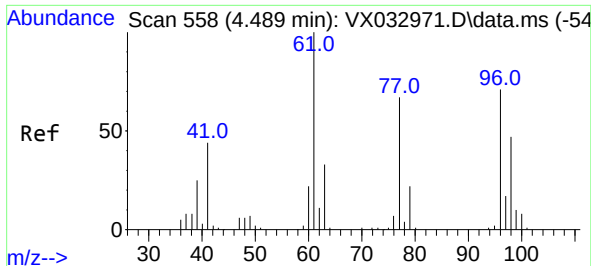
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion: 84 Resp: 440
Ion Ratio Lower Upper
84 100
49 106.9 101.0 151.6
51 64.5 31.1 46.7#
86 63.4 52.3 78.5

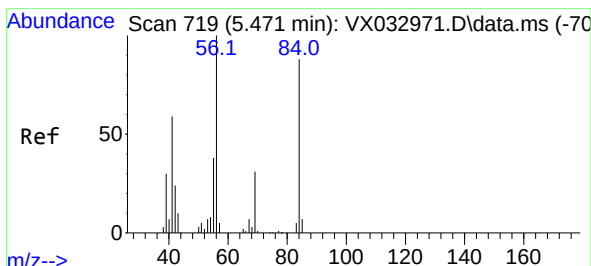
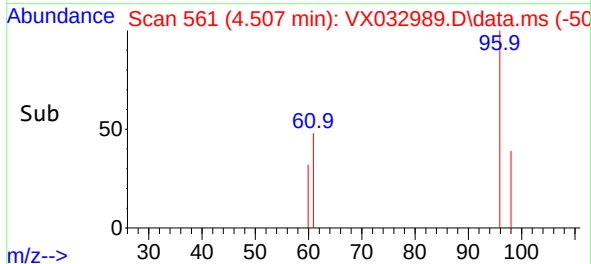
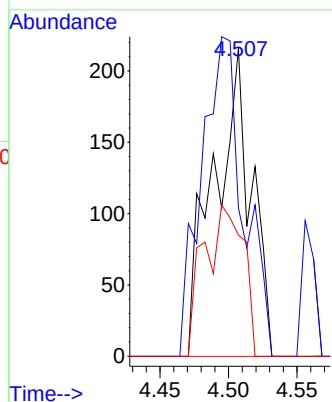
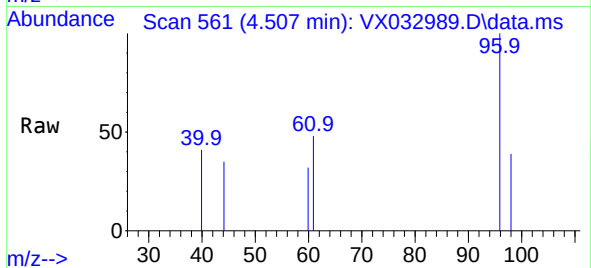




#27
cis-1,2-Dichloroethene
Concen: 0.312 ug/l
RT: 4.507 min Scan# 501
Delta R.T. 0.018 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

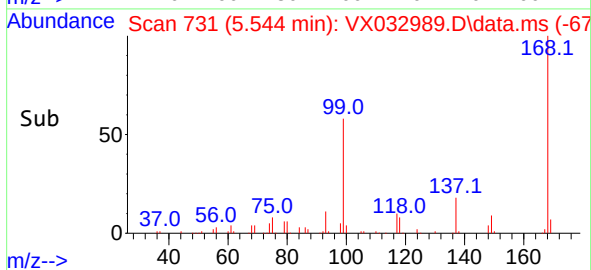
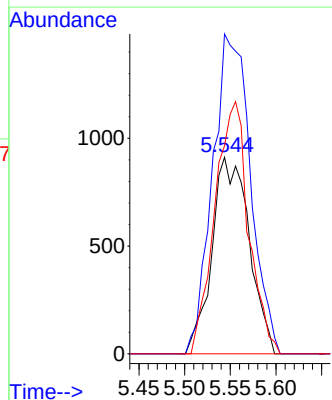
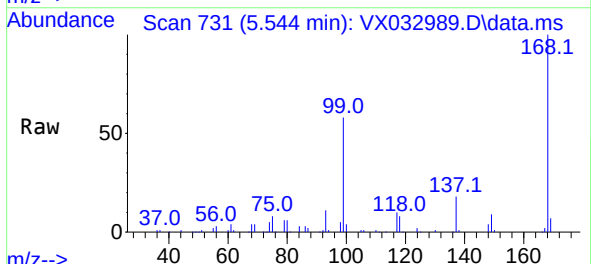
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

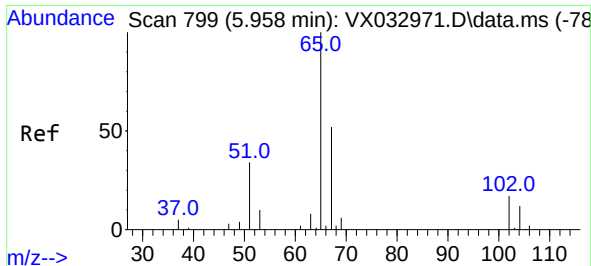
Tgt Ion: 96 Resp: 411
Ion Ratio Lower Upper
96 100
61 115.6 0.0 286.0
98 51.8 0.0 129.6



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion: 56 Resp: 2582
Ion Ratio Lower Upper
56 100
69 162.7 24.1 36.1#
84 105.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 31.261 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032989.D

Acq: 22 Nov 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

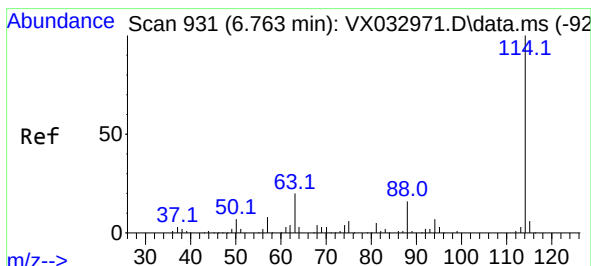
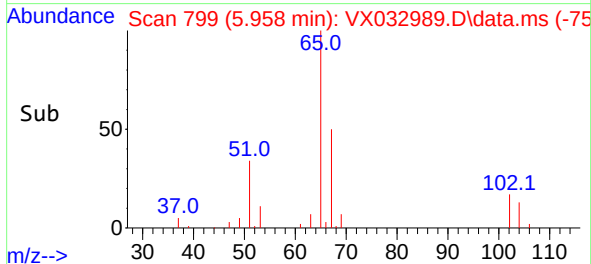
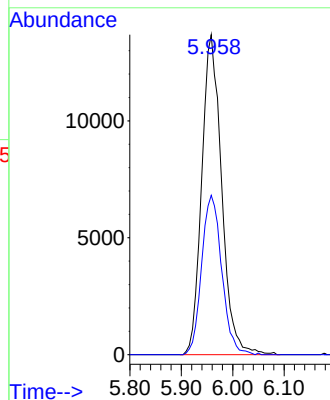
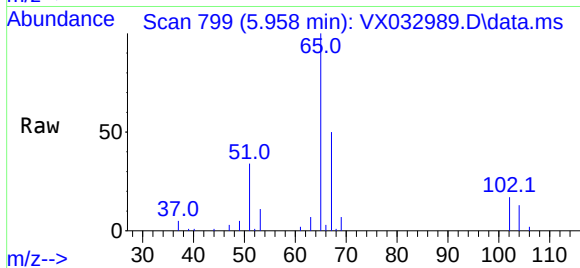
RE114D1-20221117DL

Tgt Ion: 65 Resp: 36799

Ion Ratio Lower Upper

65 100

67 50.2 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: VX032989.D

Acq: 22 Nov 2022 19:32

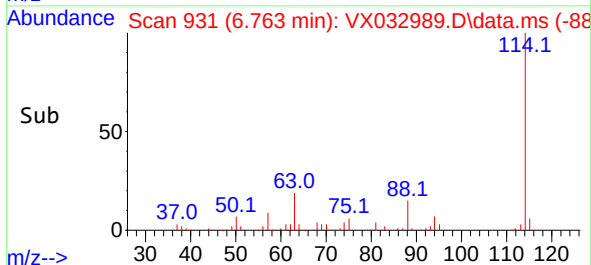
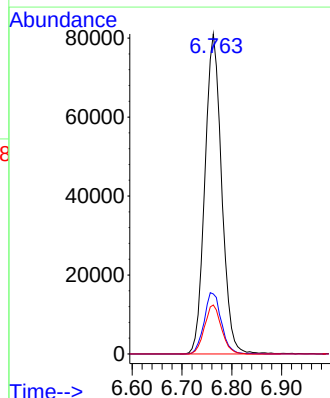
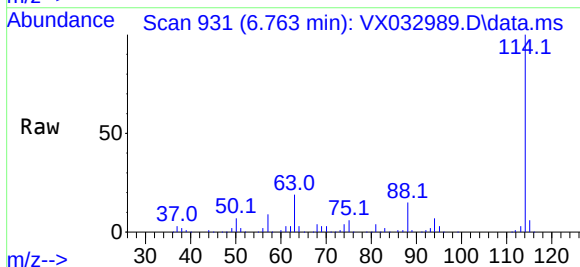
Tgt Ion: 114 Resp: 189279

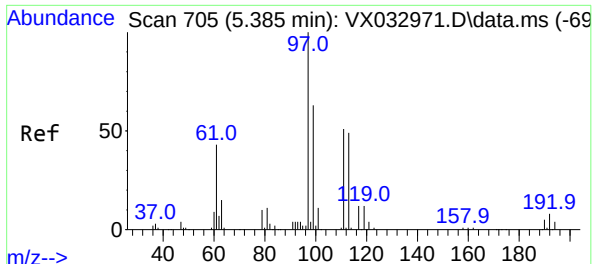
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

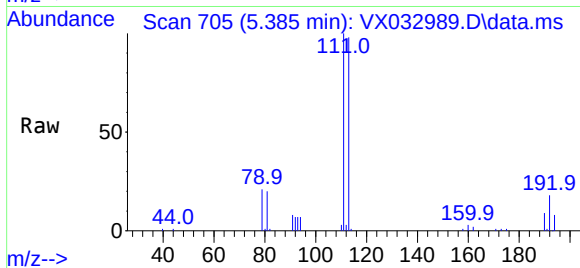
88 15.3 0.0 33.4



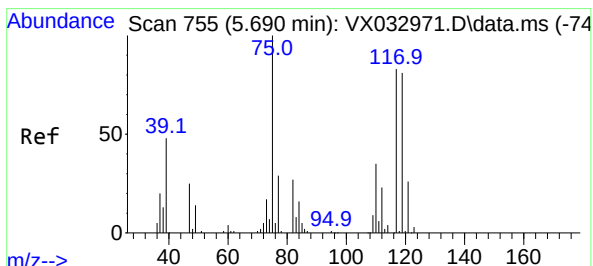
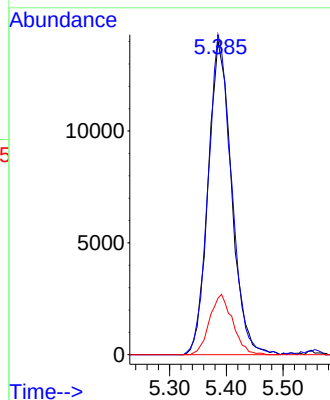
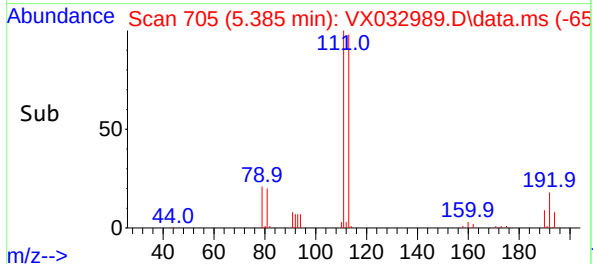


#35
Dibromofluoromethane
Concen: 37.729 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

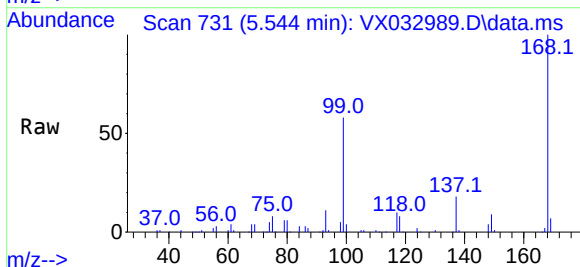
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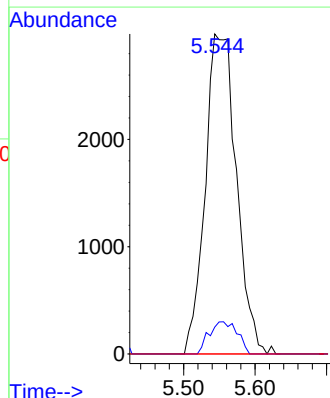
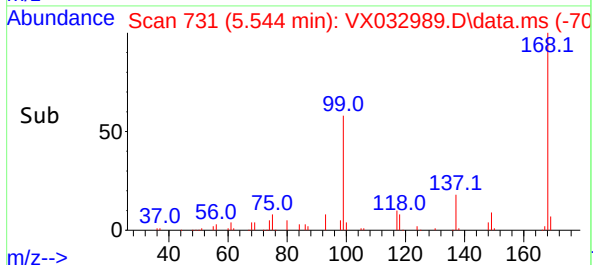
Tgt Ion:113 Resp: 40260
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.9 15.4 23.2

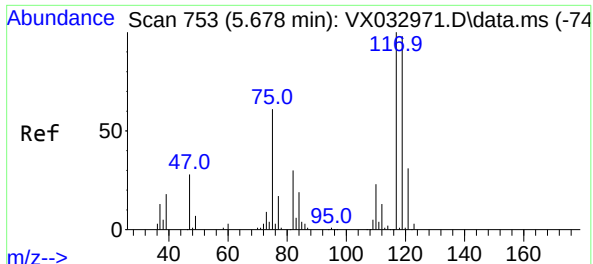


#36
1,1-Dichloropropene
Concen: 5.300 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32



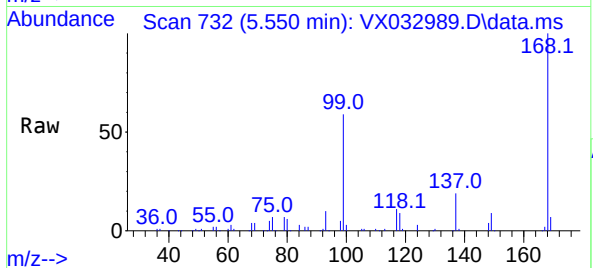
Tgt Ion: 75 Resp: 9043
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.5 36.7#



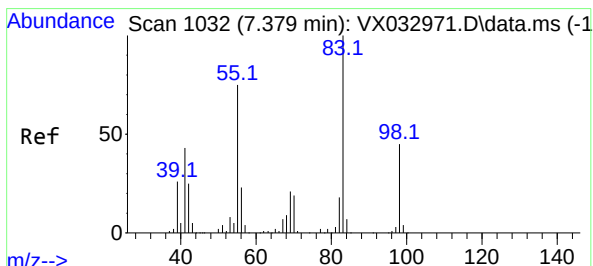
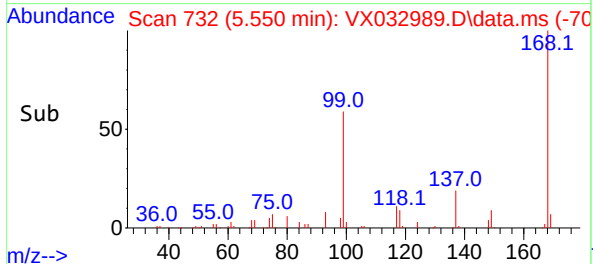
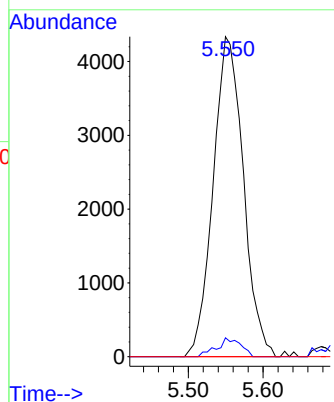


#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

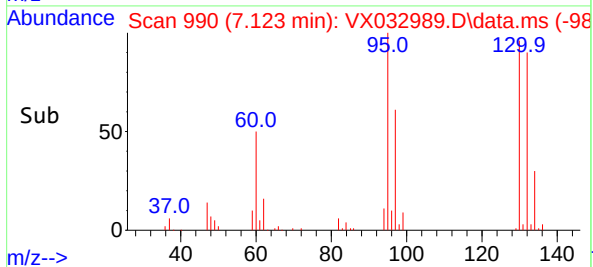
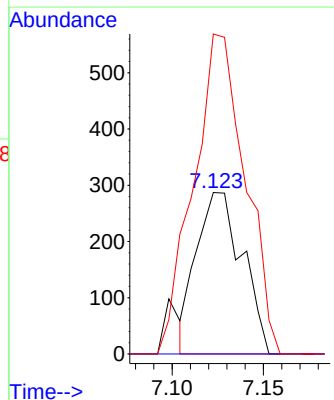
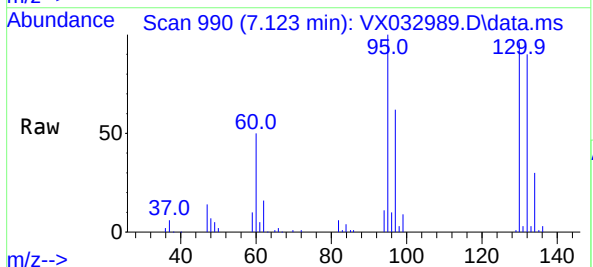


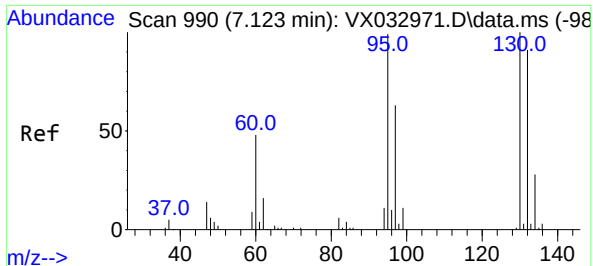
Tgt Ion:117 Resp: 12181
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.257 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion: 83 Resp: 501
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 198.3 37.2 55.8#

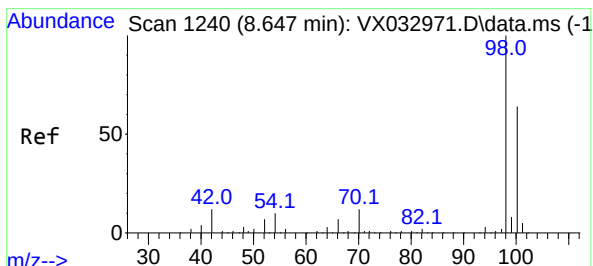
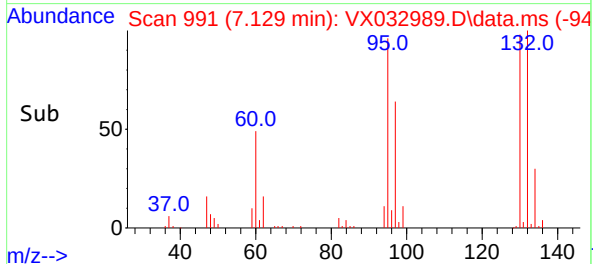
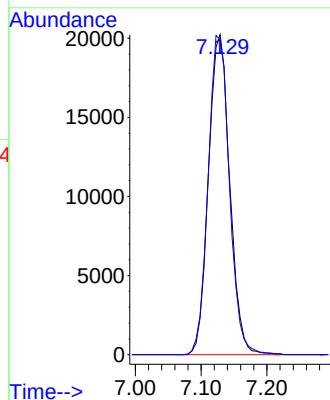
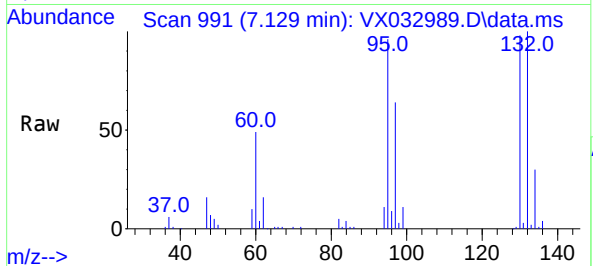




#44
Trichloroethene
Concen: 33.846 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

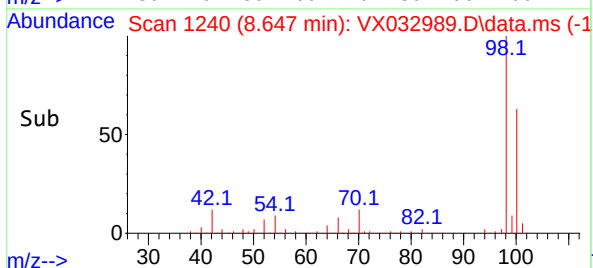
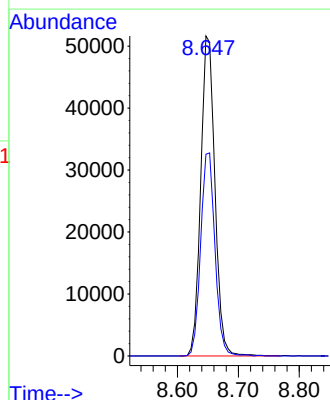
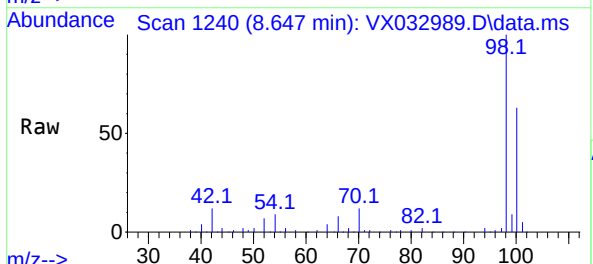
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

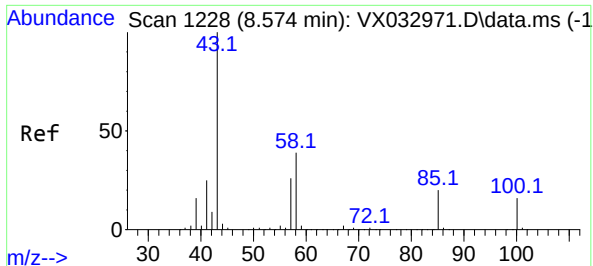
Tgt Ion:130 Resp: 45434
Ion Ratio Lower Upper
130 100
95 98.5 0.0 195.2



#50
Toluene-d8
Concen: 24.955 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion: 98 Resp: 83593
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.240 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032989.D

Acq: 22 Nov 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

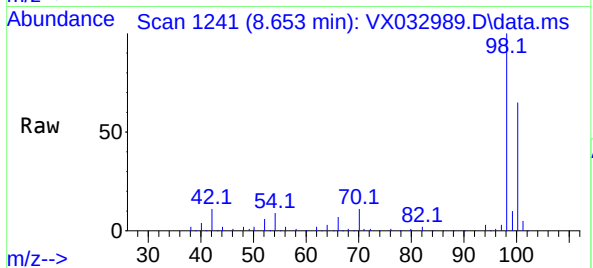
RE114D1-20221117DL

Tgt Ion: 43 Resp: 364

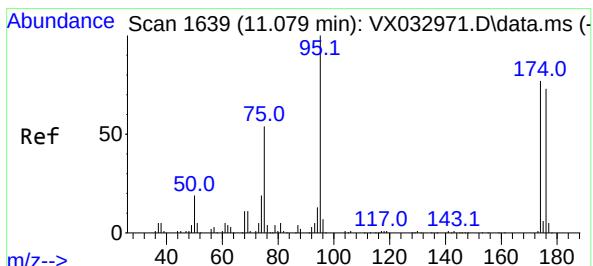
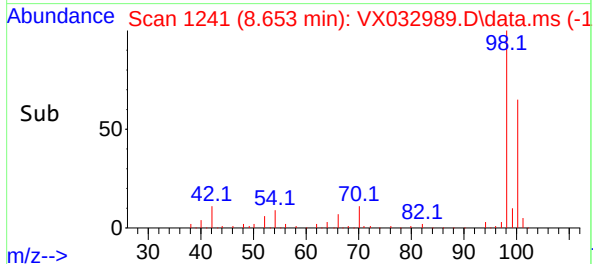
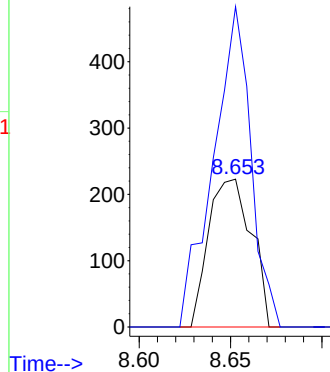
Ion Ratio Lower Upper

43 100

58 189.6 30.9 46.3#



Abundance



#62

4-Bromofluorobenzene

Concen: 44.233 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032989.D

Acq: 22 Nov 2022 19:32

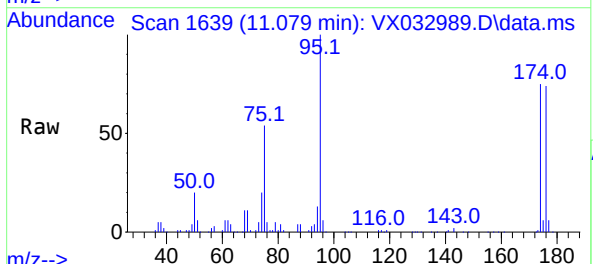
Tgt Ion: 95 Resp: 62003

Ion Ratio Lower Upper

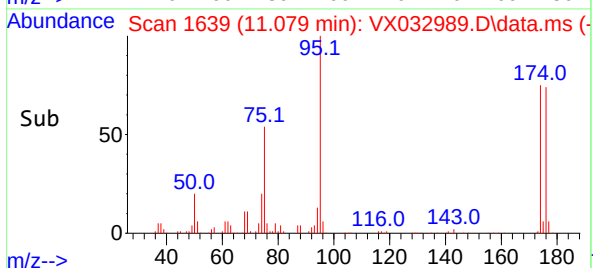
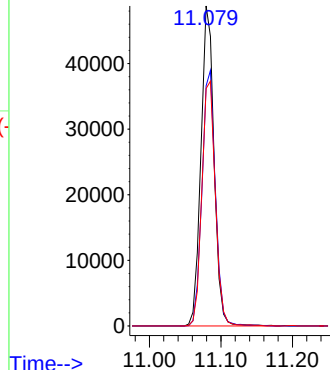
95 100

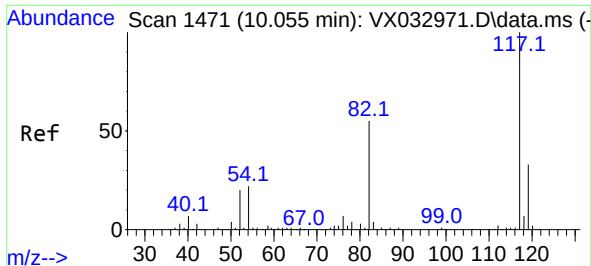
174 81.4 0.0 164.0

176 79.2 0.0 154.4



Abundance

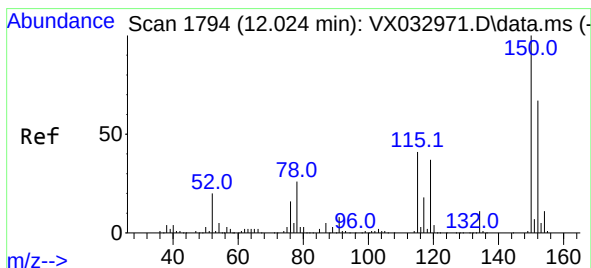
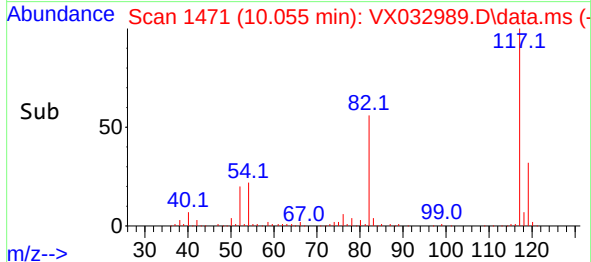
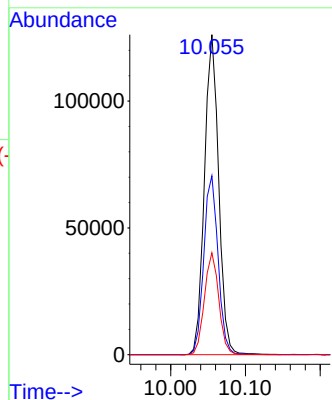
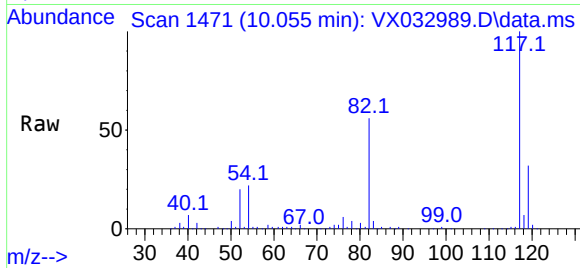




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

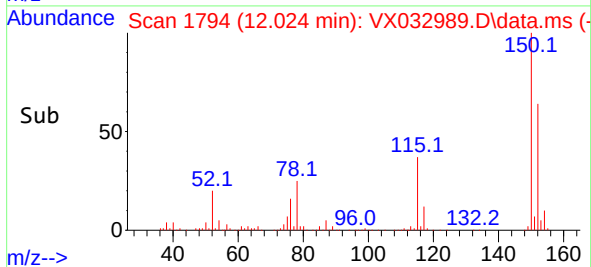
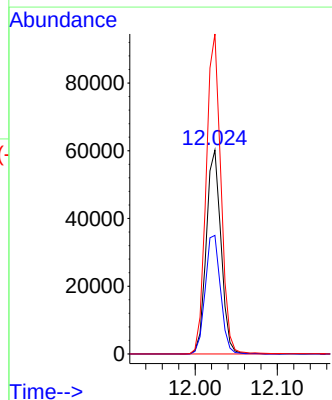
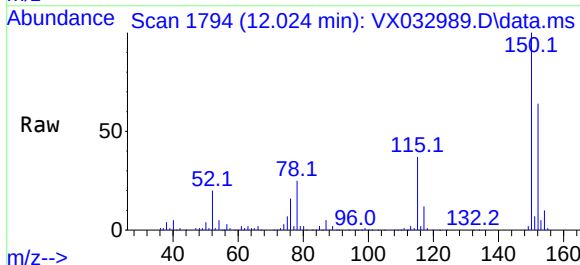
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

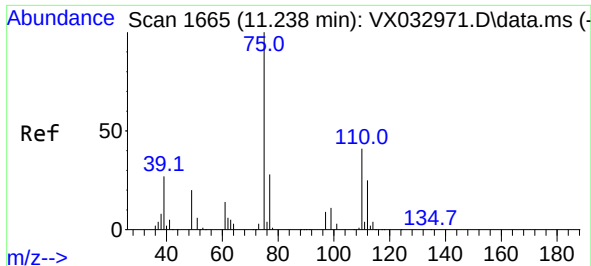
Tgt Ion:117 Resp: 166860
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion:152 Resp: 75092
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.1 0.0 351.8

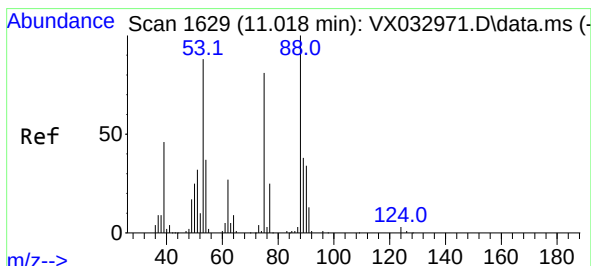
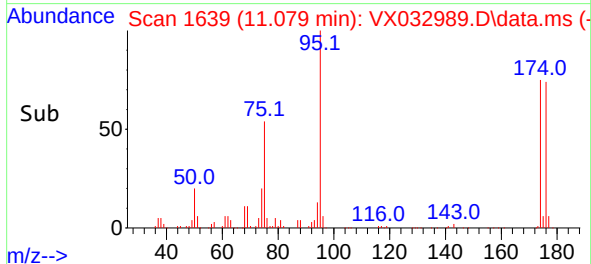
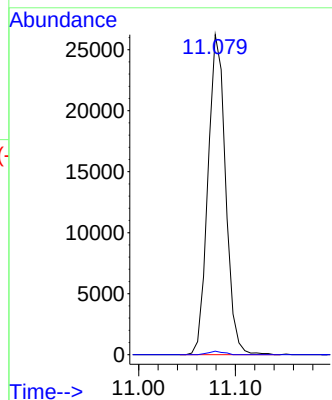
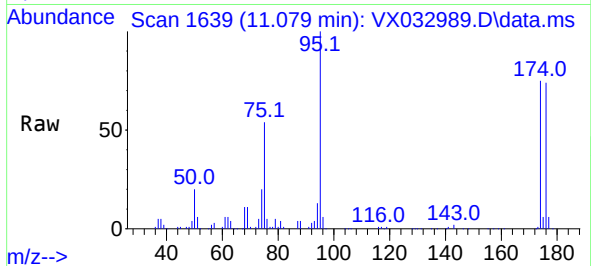




#76
1,2,3-Trichloropropane
Concen: 23.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117DL

Tgt Ion: 75 Resp: 33337
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032989.D
Acq: 22 Nov 2022 19:32

Tgt Ion: 75 Resp: 33337
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

